

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136052.D
 Acq On : 31 Oct 2023 15:32
 Operator : CG\JU
 Sample : 04805-02MS 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)MS

Quant Time: Oct 31 16:10:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	129260	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	456771	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	186990	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	309314	20.000	ng	0.00
76) Chrysene-d12	14.021	240	291929	20.000	ng	0.00
86) Perylene-d12	15.515	264	300530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	156729	19.053	ng	0.00
7) Phenol-d6	6.445	99	183358	17.891	ng	-0.01
23) Nitrobenzene-d5	7.381	82	96993	12.801	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	32308	16.187	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	176801	15.072	ng	0.00
79) Terphenyl-d14	12.951	244	185350	9.867	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	32537	9.084	ng	97
3) Pyridine	3.346	79	72285	7.394	ng	99
4) n-Nitrosodimethylamine	3.281	42	37580	9.193	ng	89
6) Aniline	6.487	93	44362	3.343	ng	98
8) 2-Chlorophenol	6.604	128	85216	9.690	ng	98
9) Benzaldehyde	6.375	77	40471	7.082	ng	99
10) Phenol	6.457	94	99005m	9.340	ng	
11) bis(2-Chloroethyl)ether	6.557	93	82098	9.893	ng	99
12) 1,3-Dichlorobenzene	6.763	146	92058	10.058	ng	99
13) 1,4-Dichlorobenzene	6.840	146	97416	10.620	ng	96
14) 1,2-Dichlorobenzene	6.992	146	88800	10.353	ng	98
15) Benzyl Alcohol	6.957	79	66262	9.118	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	111298	9.744	ng	99
17) 2-Methylphenol	7.069	107	64686	8.671	ng	99
18) Hexachloroethane	7.334	117	29581	9.175	ng	92
19) n-Nitroso-di-n-propyla...	7.228	70	55878	9.542	ng	98
20) 3+4-Methylphenols	7.222	107	82010	9.015	ng	98
22) Acetophenone	7.228	105	117875	11.638	ng	98
24) Nitrobenzene	7.398	77	78584	10.253	ng	96
25) Isophorone	7.634	82	142978	9.995	ng	95
26) 2-Nitrophenol	7.716	139	34515	9.870	ng	96
27) 2,4-Dimethylphenol	7.751	122	59003	8.929	ng	96
28) bis(2-Chloroethoxy)met...	7.851	93	93197	10.633	ng	100
29) 2,4-Dichlorophenol	7.957	162	57359	9.208	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	69705	10.257	ng	98
31) Naphthalene	8.122	128	450163	20.437	ng	99
32) Benzoic acid	7.810	122	33984m	10.850	ng	
33) 4-Chloroaniline	8.169	127	42113	4.366	ng	97
34) Hexachlorobutadiene	8.245	225	41860	10.741	ng	98
35) Caprolactam	8.504	113	17715m	8.746	ng	
36) 4-Chloro-3-methylphenol	8.645	107	55811	8.534	ng	96
37) 2-Methylnaphthalene	8.816	142	224557	15.205	ng	100
38) 1-Methylnaphthalene	8.916	142	197614	14.378	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	61436	11.520	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	36025	10.361	ng	99
44) 2,4,5-Trichlorophenol	9.128	196	34598	8.590	ng	98

11/01/2023
 Supervised By :mohammad
 Ahmed

11/01/2023

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Manual Integrations
 APPROVED

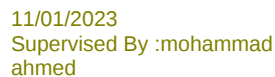
Reviewed By :Yogesh
 Patel

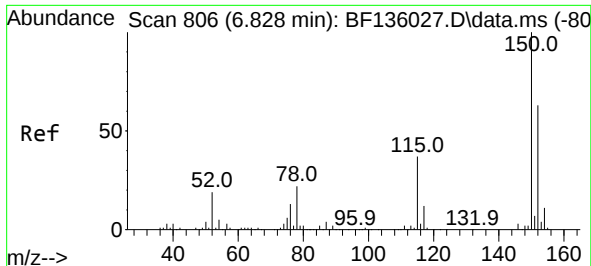
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 1,1'-Biphenyl	9.281	154	174079	12.212	ng	98	11/01/2023
47) 2-Chloronaphthalene	9.304	162	119045	11.329	ng	97	Supervised By :mohammad ahmed
48) 2-Nitroaniline	9.398	65	29646	9.533	ng	98	
49) Acenaphthylene	9.722	152	317768	19.384	ng	99	
50) Dimethylphthalate	9.581	163	132322	10.728	ng	99	
51) 2,6-Dinitrotoluene	9.639	165	24891	9.436	ng	# 90	
52) Acenaphthene	9.892	154	219941m	21.105	ng		11/01/2023
53) 3-Nitroaniline	9.804	138	21577	7.010	ng	90	
54) 2,4-Dinitrophenol	9.916	184	2353	9.459	ng	# 88	
55) Dibenzofuran	10.069	168	277115	18.236	ng	97	
56) 4-Nitrophenol	9.963	139	41407	17.984	ng	99	
57) 2,4-Dinitrotoluene	10.045	165	30491	9.135	ng	# 91	
58) Fluorene	10.410	166	331021	29.094	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.180	232	26970	8.422	ng	# 78	
60) Diethylphthalate	10.286	149	116025	9.845	ng	99	
61) 4-Chlorophenyl-phenyle...	10.404	204	54934	9.672	ng	96	
62) 4-Nitroaniline	10.416	138	24626	8.308	ng	89	
63) Azobenzene	10.563	77	105444	9.291	ng	88	
65) 4,6-Dinitro-2-methylph...	10.451	198	2537m	7.103	ng		
66) n-Nitrosodiphenylamine	10.522	169	102888	11.027	ng	96	
67) 4-Bromophenyl-phenylether	10.898	248	33030	10.185	ng	94	
68) Hexachlorobenzene	10.957	284	34726	10.026	ng	# 89	
69) Atrazine	11.051	200	33754	13.296	ng	96	
70) Pentachlorophenol	11.157	266	36904	16.591	ng	97	
71) Phenanthrene	11.380	178	1417517	91.018	ng	100	
72) Anthracene	11.433	178	626266	39.243	ng	99	
73) Carbazole	11.586	167	202645	14.613	ng	98	
74) Di-n-butylphthalate	11.927	149	168827	10.654	ng	99	
75) Fluoranthene	12.586	202	2236639	139.796	ng	98	
77) Benzidine	12.704	184	16929	2.975	ng	# 85	
78) Pyrene	12.816	202	2102830	81.702	ng	100	
80) Butylbenzylphthalate	13.439	149	80009	8.684	ng	99	
81) Benzo(a)anthracene	14.010	228	1387756	71.806	ng	95	
82) 3,3'-Dichlorobenzidine	13.974	252	56409	9.145	ng	98	
83) Chrysene	14.045	228	1153071	60.582	ng	96	
84) Bis(2-ethylhexyl)phtha...	14.010	149	110529	10.298	ng	98	
85) Di-n-octyl phthalate	14.627	149	210430	13.087	ng	# 94	
87) Indeno(1,2,3-cd)pyrene	17.039	276	655676	33.382	ng	96	
88) Benzo(b)fluoranthene	15.080	252	1645713	92.545	ng	# 97	
89) Benzo(k)fluoranthene	15.110	252	663683m	37.720	ng		
90) Benzo(a)pyrene	15.457	252	1209527	73.203	ng	97	
91) Dibenzo(a,h)anthracene	17.056	278	245802	15.278	ng	97	
92) Benzo(g,h,i)perylene	17.498	276	561341	31.692	ng	99	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

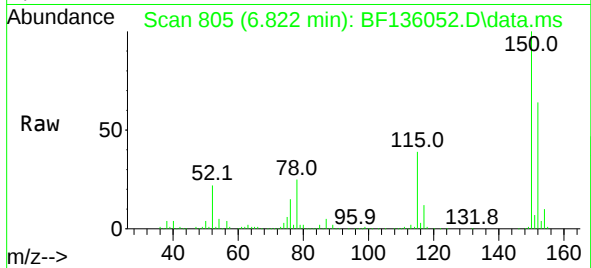
Quant Time: Oct 31 16:10:23 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

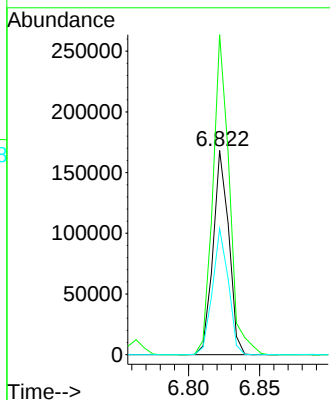
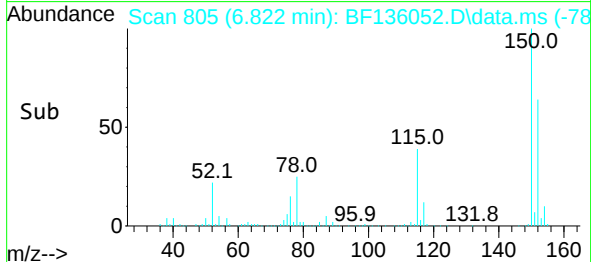
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:152 Resp: 129260
Ion Ratio Lower Upper
152 100
150 156.8 126.4 189.6
115 61.9 47.0 70.4

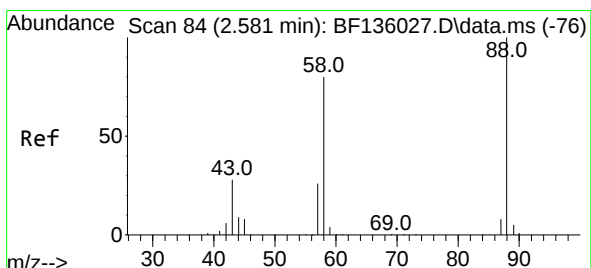
Manual Integrations
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Reviewed By :Yogesh
Patel

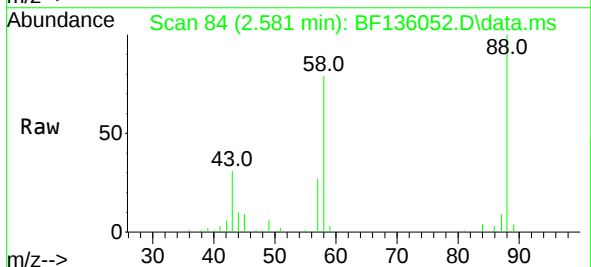


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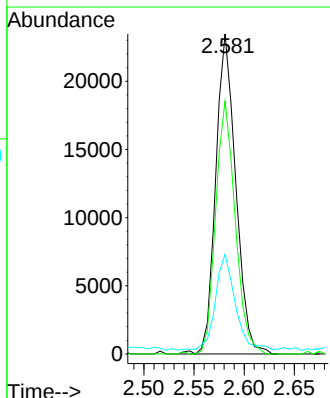
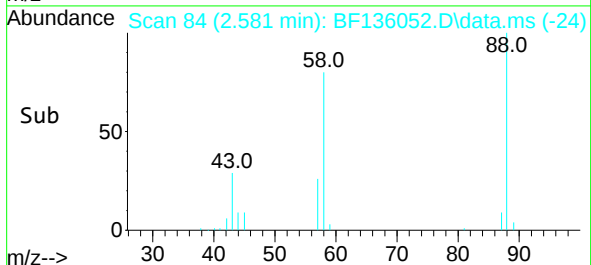
11/01/2023

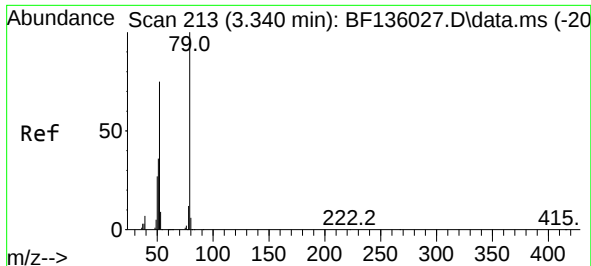


#2
1,4-Dioxane
Concen: 9.084 ng
RT: 2.581 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



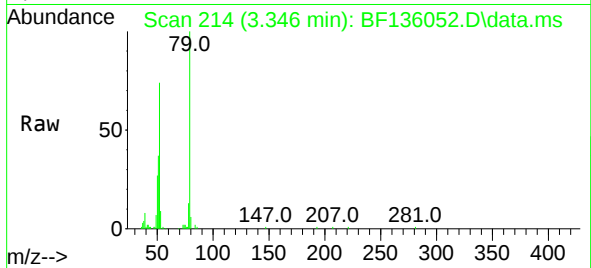
Tgt Ion: 88 Resp: 32537
Ion Ratio Lower Upper
88 100
58 77.1 64.3 96.5
43 28.5 22.3 33.5





#3
Pyridine
Concen: 7.394 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

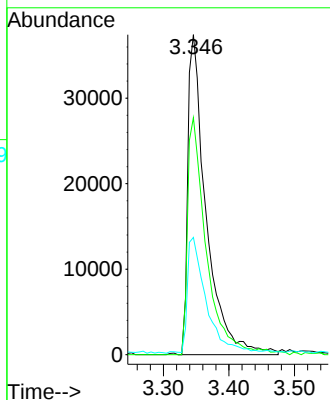
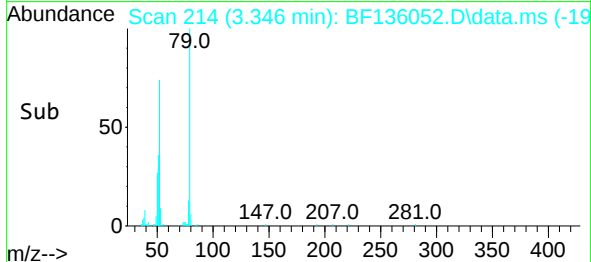
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion: 79 Resp: 72285
Ion Ratio Lower Upper
79 100
52 74.0 60.3 90.5
51 36.6 29.3 43.9

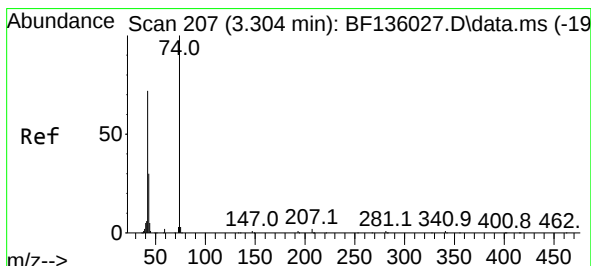
Manual Integrations
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Reviewed By :Yogesh
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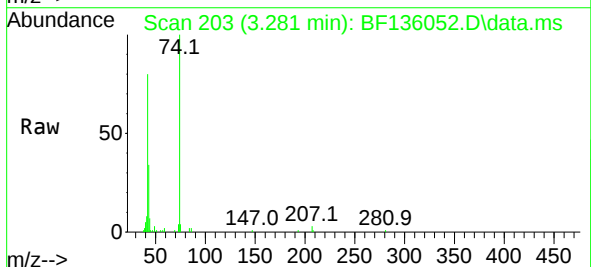


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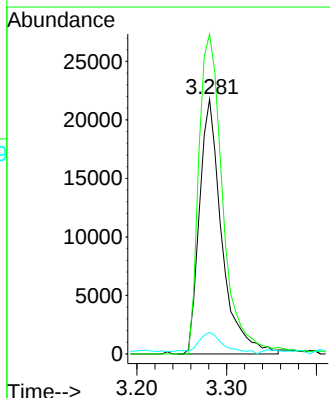
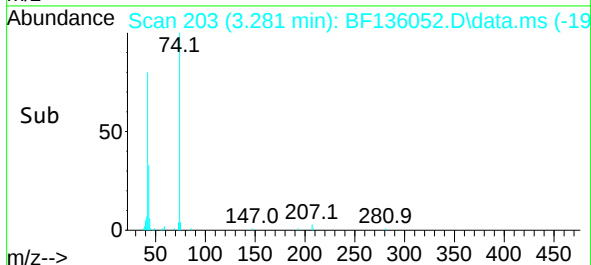
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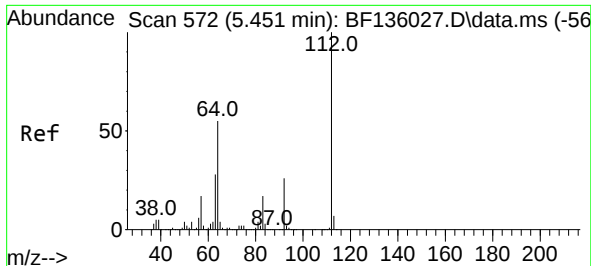


#4
n-Nitrosodimethylamine
Concen: 9.193 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.023 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion: 42 Resp: 37580
Ion Ratio Lower Upper
42 100
74 125.6 111.8 167.6
44 8.5 6.2 9.4





#5
2-Fluorophenol
Concen: 19.053 ng
RT: 5.445 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

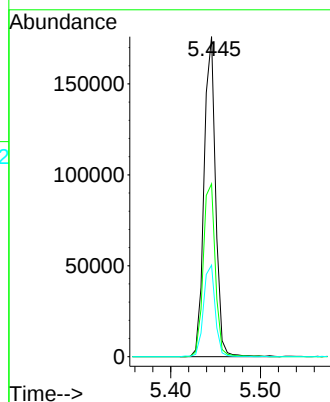
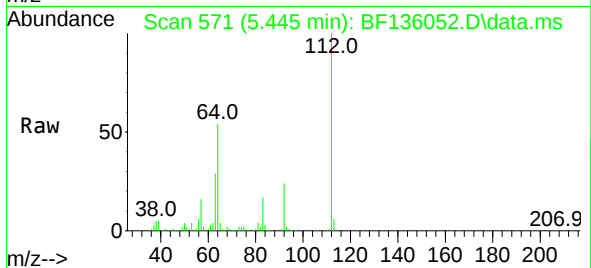
ClientSampleId :

B-1(0-5)MS

Tgt Ion:112 Resp: 156729
Ion Ratio Lower Upper
112 100
64 54.0 43.9 65.9
63 28.6 22.4 33.6

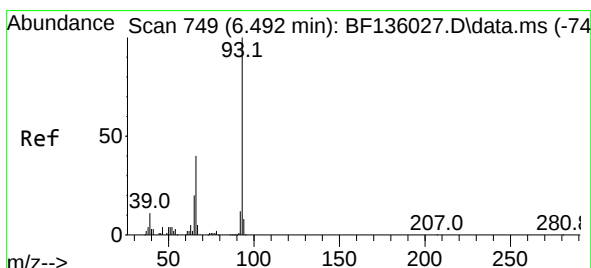
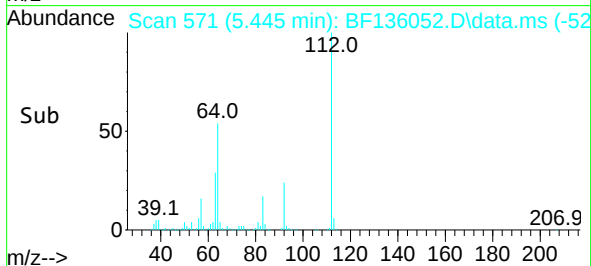
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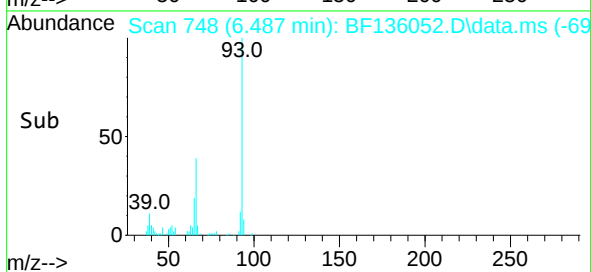
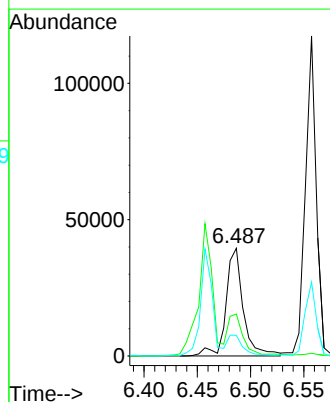
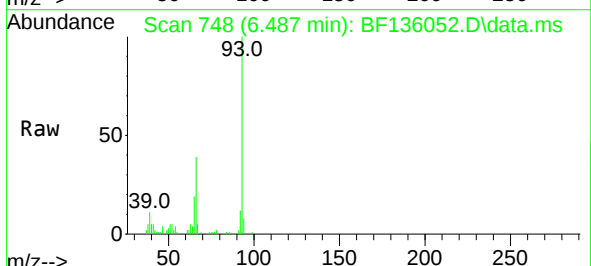
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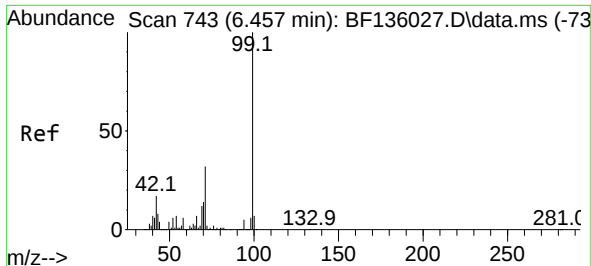
11/01/2023



#6
Aniline
Concen: 3.343 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Tgt Ion: 93 Resp: 44362
Ion Ratio Lower Upper
93 100
66 39.0 32.4 48.6
65 19.2 16.2 24.2





#7

Phenol-d6

Concen: 17.891 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

ClientSampleId :

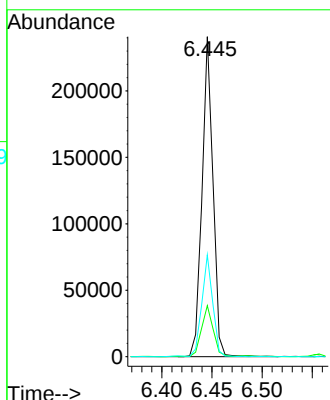
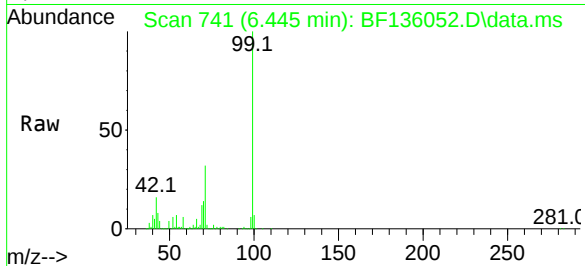
B-1(0-5)MS

Tgt Ion: 99 Resp: 183358

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	31.8	25.9	38.9

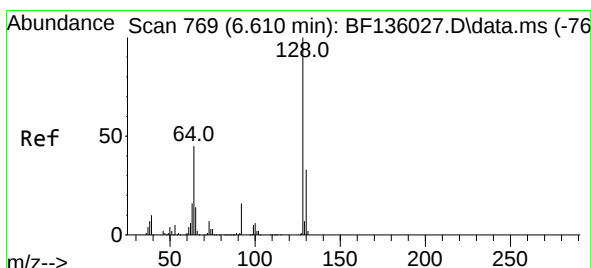
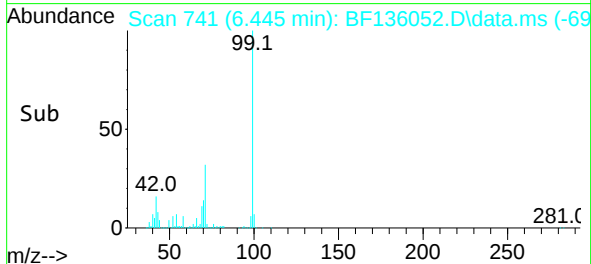
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ahmed

11/01/2023



#8

2-Chlorophenol

Concen: 9.690 ng

RT: 6.604 min Scan# 768

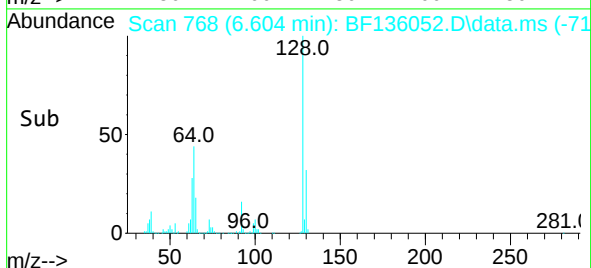
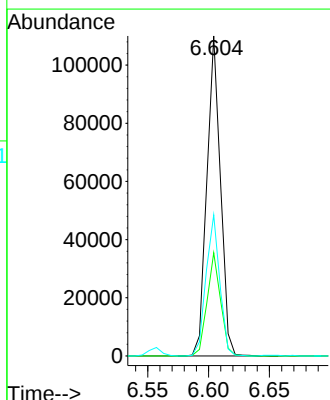
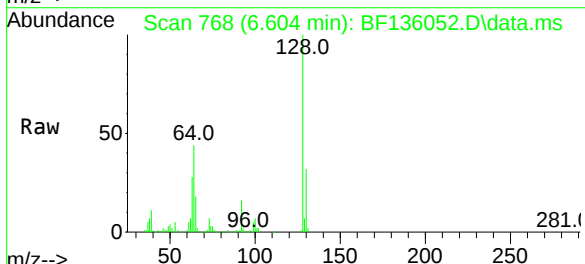
Delta R.T. -0.006 min

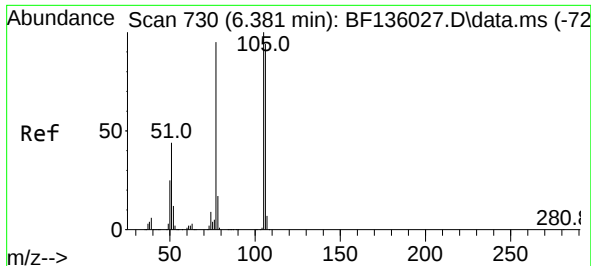
Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Tgt Ion:128 Resp: 85216

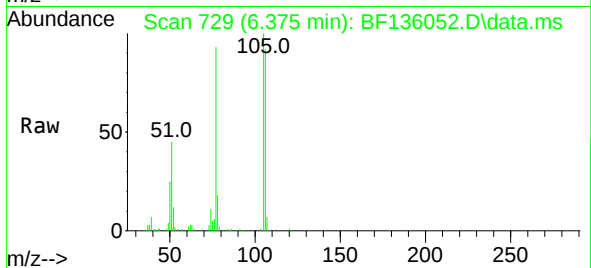
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	44.1	25.8	65.8





#9
Benzaldehyde
Concen: 7.082 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

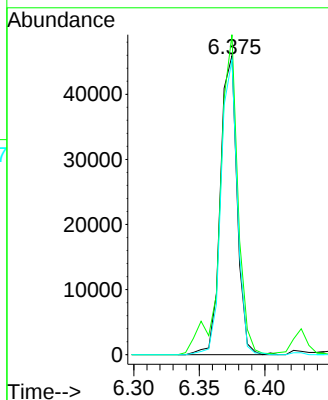
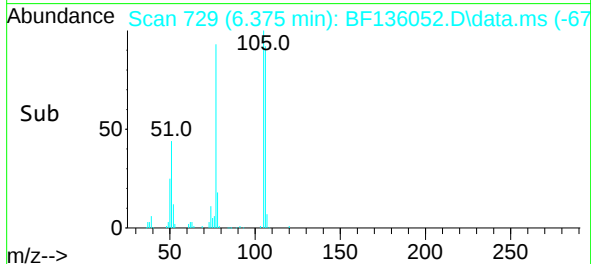
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion: 77 Resp: 4047
Ion Ratio Lower Upper
77 100
105 107.1 85.7 125.7
106 98.7 79.8 119.8

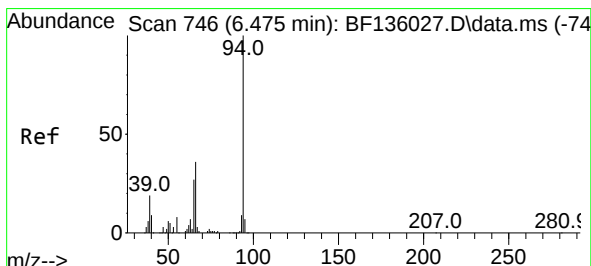
Manual Integrations
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Reviewed By :Yogesh
Patel

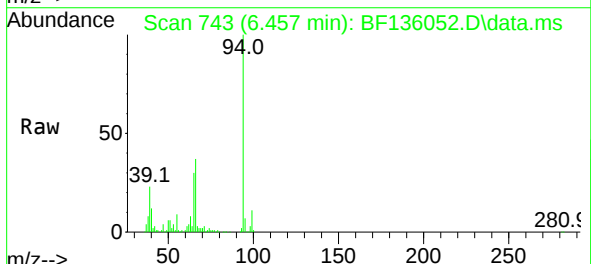


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ahmed

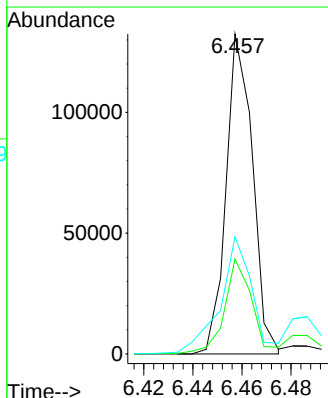
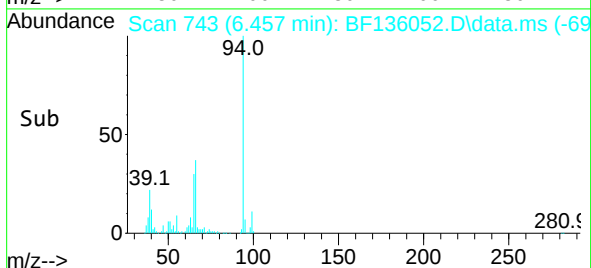
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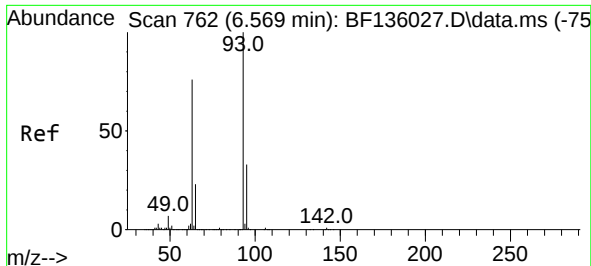


#10
Phenol
Concen: 9.340 ng m
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



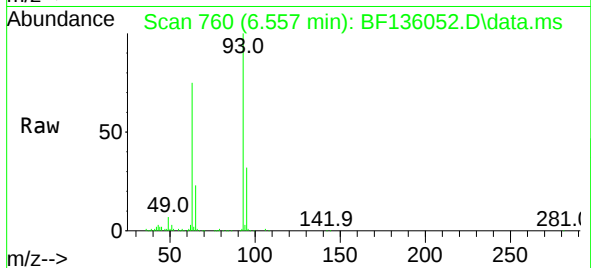
Tgt Ion: 94 Resp: 99005
Ion Ratio Lower Upper
94 100
65 29.7 7.5 47.5
66 36.7 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 9.893 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

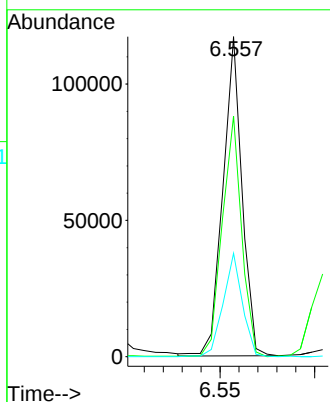
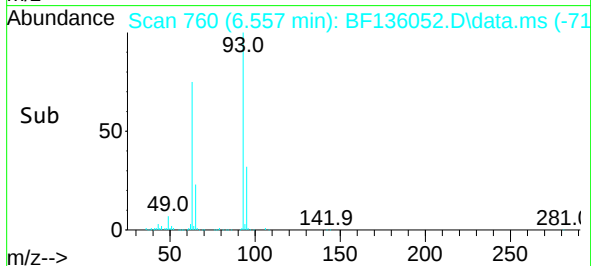
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion: 93 Resp: 82098
Ion Ratio Lower Upper
93 100
63 75.2 55.8 95.8
95 32.3 12.9 52.9

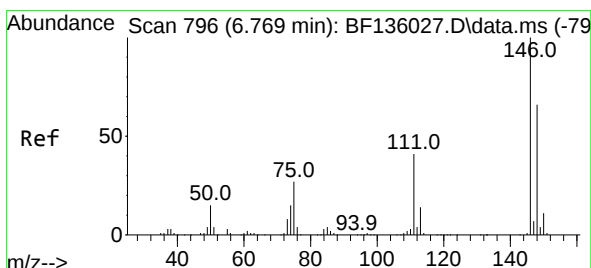
Manual Integrations
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Reviewed By :Yogesh
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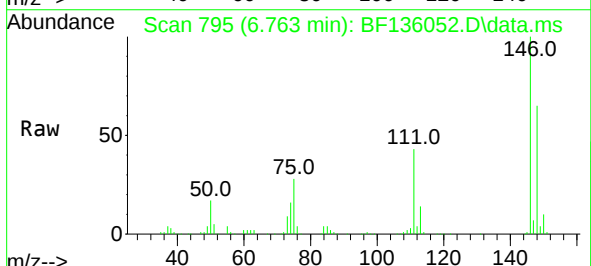


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ahmed

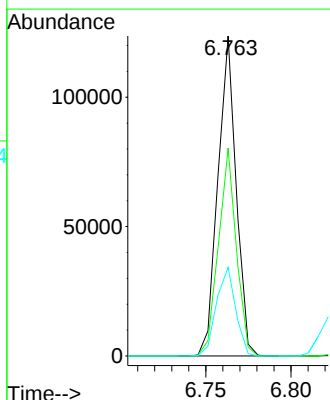
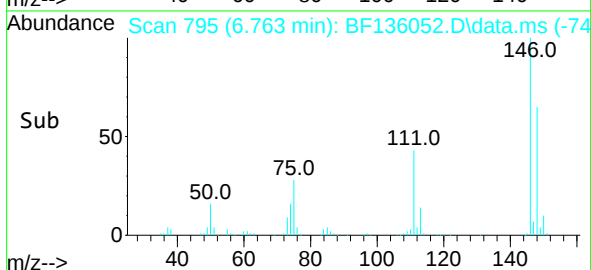
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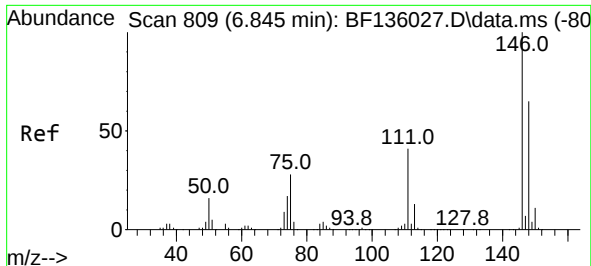


#12
1,3-Dichlorobenzene
Concen: 10.058 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion:146 Resp: 92058
Ion Ratio Lower Upper
146 100
148 65.0 52.6 78.8
75 27.7 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 10.620 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

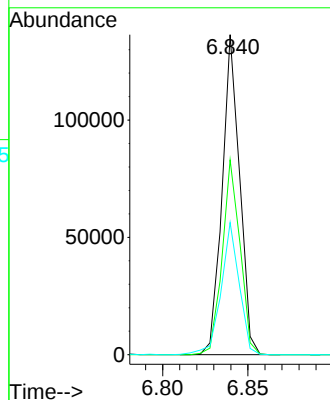
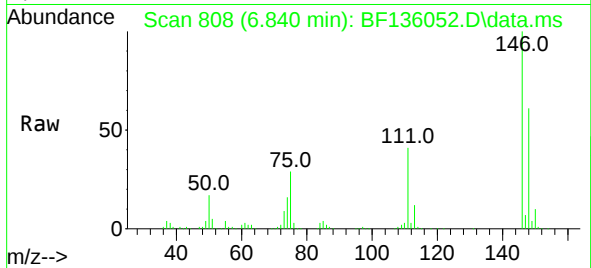
ClientSampleId :

B-1(0-5)MS

Tgt Ion:146 Resp: 97410
 Ion Ratio Lower Upper
 146 100
 148 60.9 52.1 78.1
 111 41.3 32.6 48.8

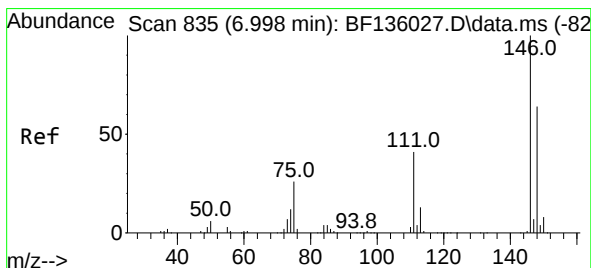
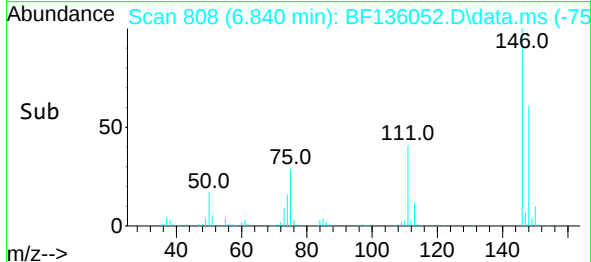
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 Patel



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 ahmed

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#14

1,2-Dichlorobenzene

Concen: 10.353 ng

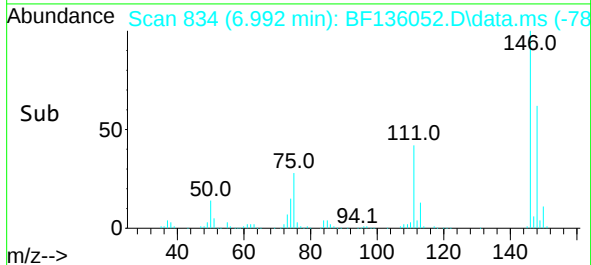
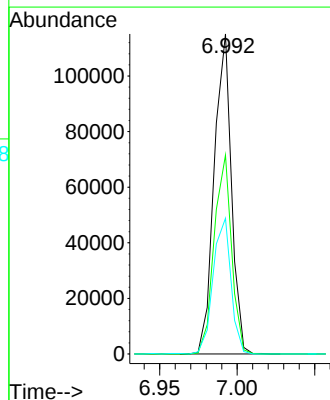
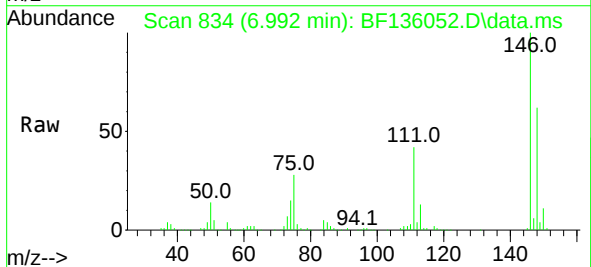
RT: 6.992 min Scan# 834

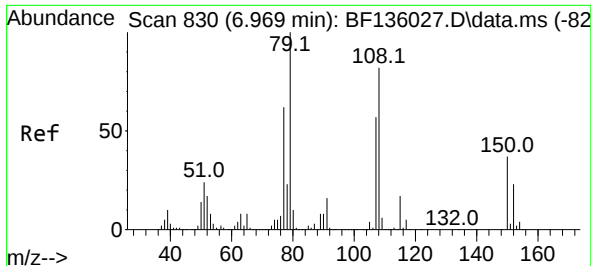
Delta R.T. -0.006 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

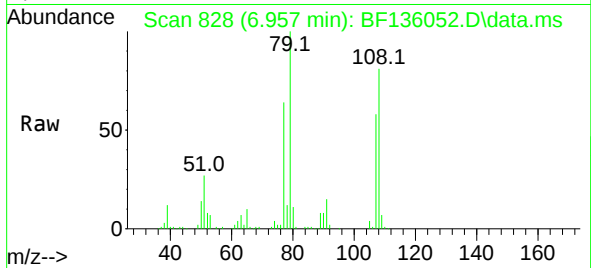
Tgt Ion:146 Resp: 88800
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.4 77.2
 111 42.4 33.0 49.4





#15
Benzyl Alcohol
Concen: 9.118 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

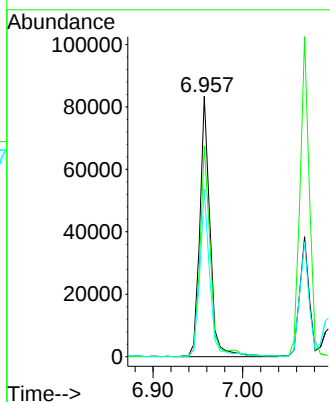
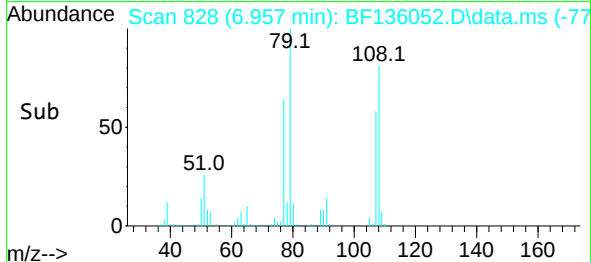
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion: 79 Resp: 6626
Ion Ratio Lower Upper
79 100
108 81.0 65.9 98.9
77 64.4 49.4 74.2

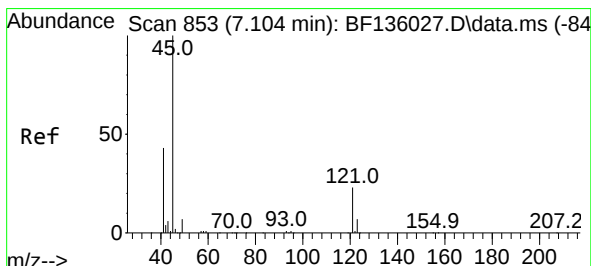
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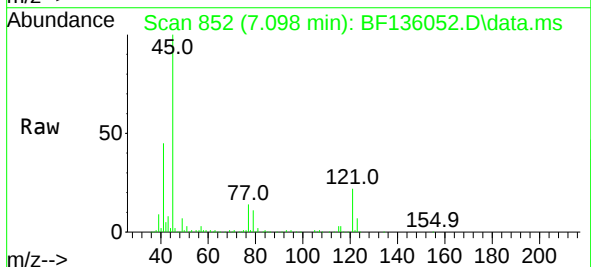


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Supervised By :mohammad
ahmed

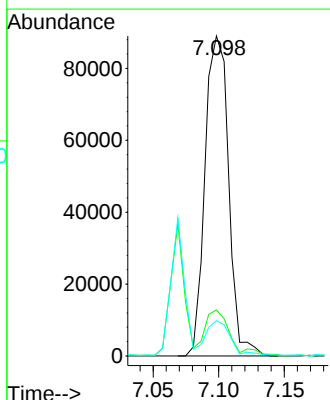
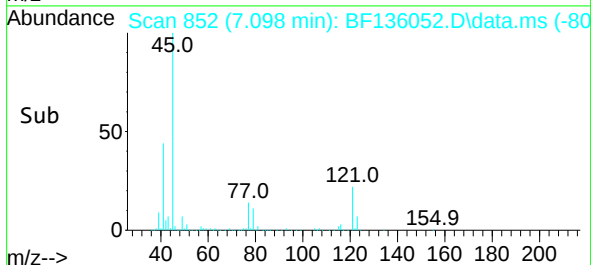
11/01/2023

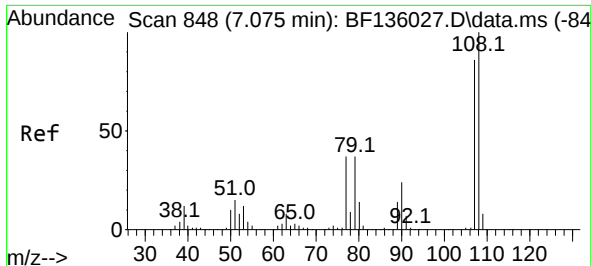


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.744 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



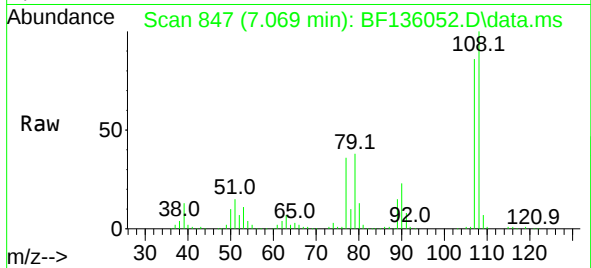
Tgt Ion: 45 Resp: 111298
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.6
79 11.1 0.0 30.6





#17
2-Methylphenol
Concen: 8.671 ng
RT: 7.069 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

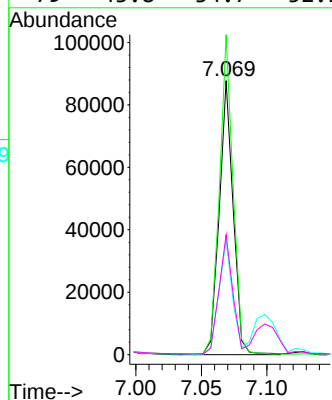
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:	107	Resp:	64680
Ion	Ratio	Lower	Upper
107	100		
108	116.7	93.4	140.2
77	41.9	34.4	51.6
79	43.8	34.7	52.1

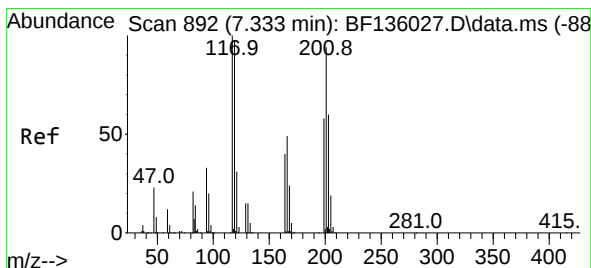
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Patel



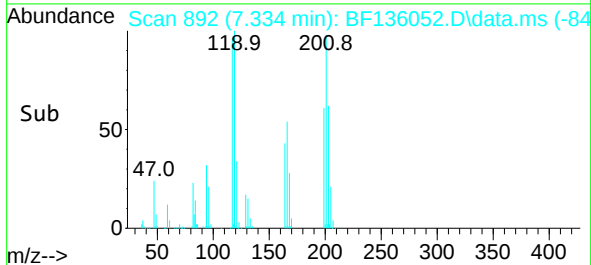
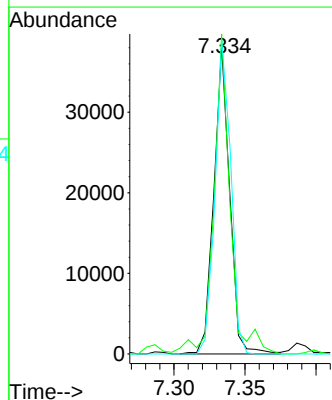
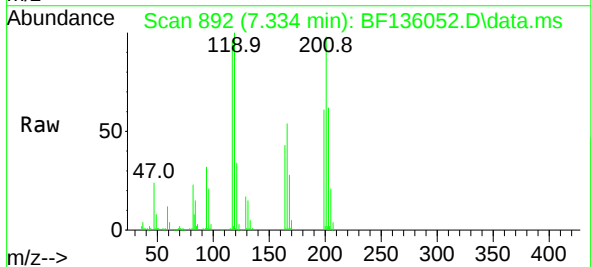
11/01/2023
Supervised By :mohammad
ahmed

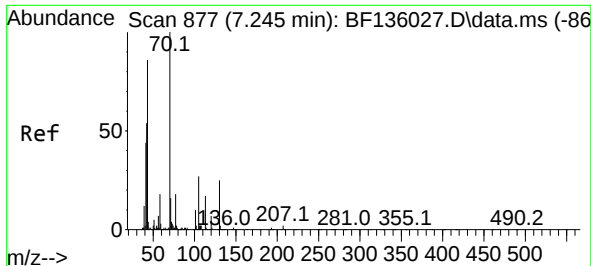
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#18
Hexachloroethane
Concen: 9.175 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Tgt Ion:	117	Resp:	29581
Ion	Ratio	Lower	Upper
117	100		
119	103.8	77.7	116.5
201	102.2	75.0	112.6





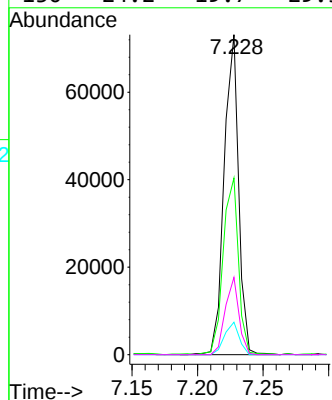
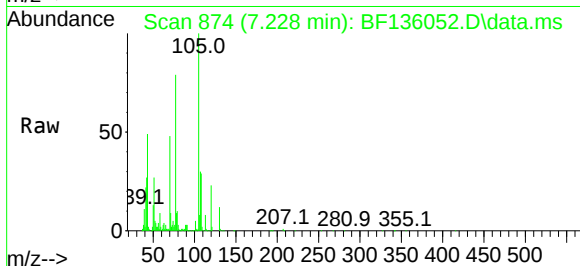
#19
n-Nitroso-di-n-propylamine
Concen: 9.542 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS

Tgt Ion: 70 Resp: 55878
Ion Ratio Lower Upper
70 100
42 55.2 43.0 64.4
101 10.1 8.0 12.0
130 24.2 19.7 29.5

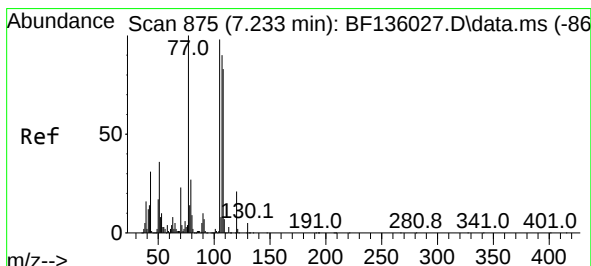
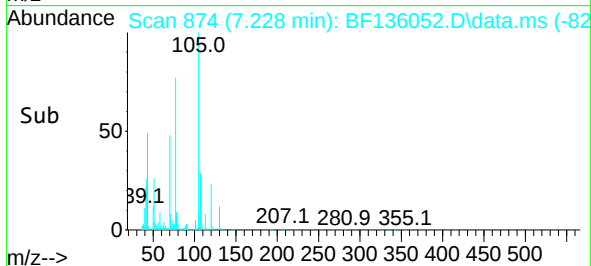
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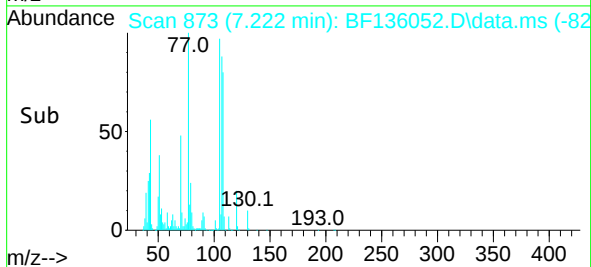
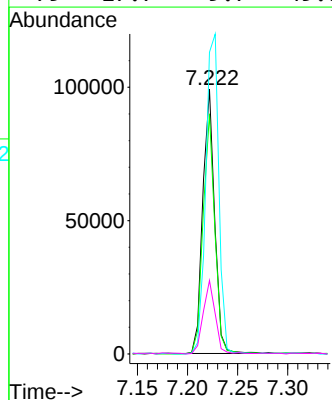
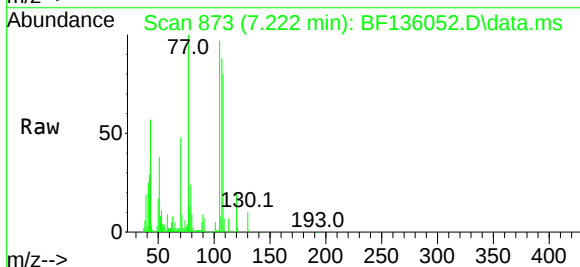
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Supervised By :mohammad
ahmed

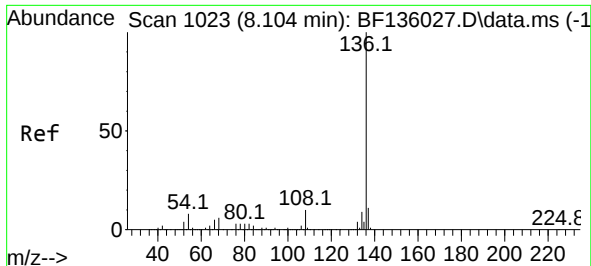
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#20
3+4-Methylphenols
Concen: 9.015 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Tgt Ion:107 Resp: 82010
Ion Ratio Lower Upper
107 100
108 90.8 72.3 112.3
77 114.1 91.4 131.4
79 27.7 9.7 49.7





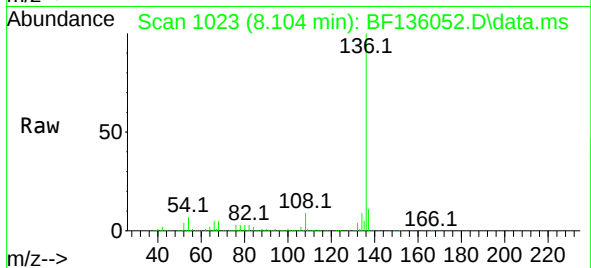
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :

BNF_F

ClientSampleId :

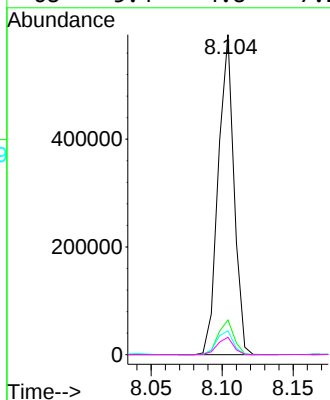
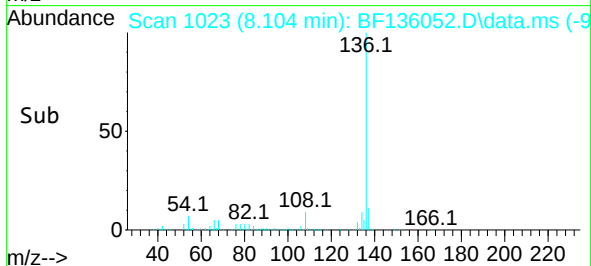
B-1(0-5)MS



Tgt Ion:136 Resp: 45677
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.5 6.6 9.8
68 5.4 4.8 7.2

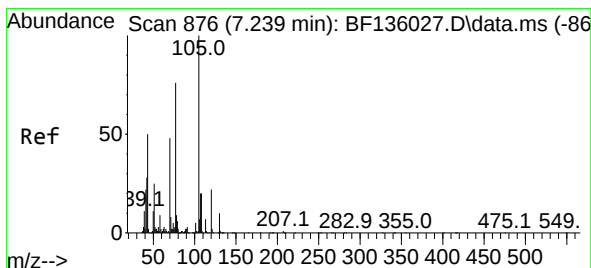
Manual Integrations
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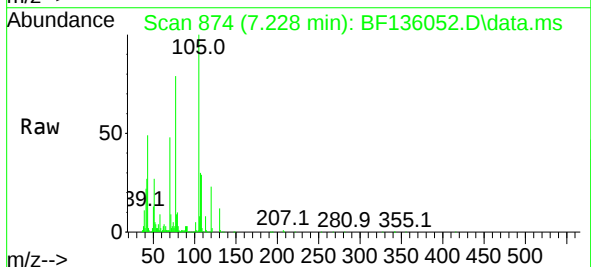


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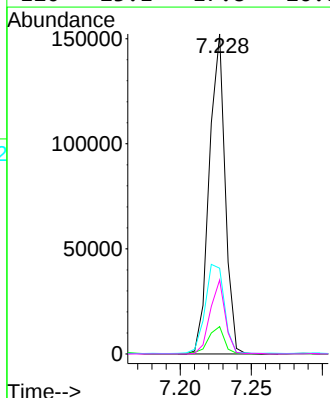
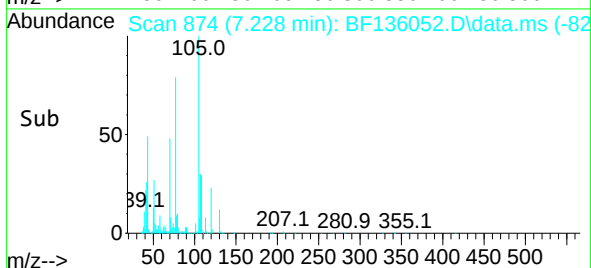
11/01/2023

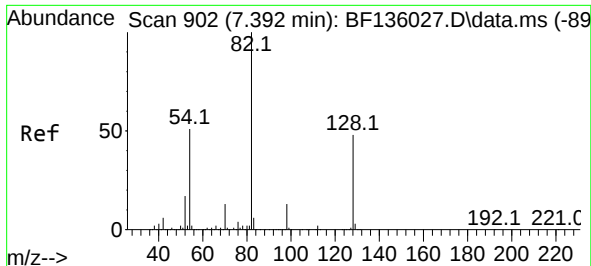


#22
Acetophenone
Concen: 11.638 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion:105 Resp: 117875
Ion Ratio Lower Upper
105 100
71 8.5 6.5 9.7
51 26.8 20.3 30.5
120 23.1 17.8 26.8





#23

Nitrobenzene-d5

Concen: 12.801 ng

RT: 7.381 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

ClientSampleId :

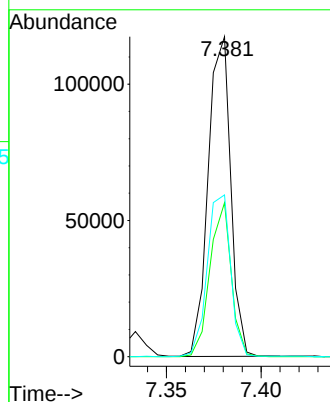
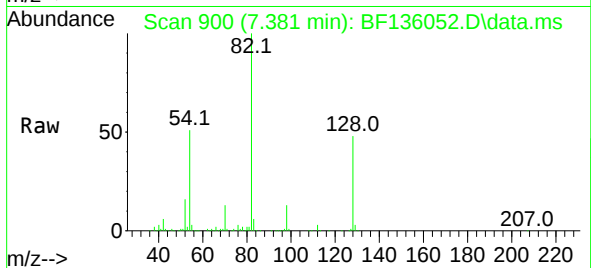
B-1(0-5)MS

Tgt Ion: 82 Resp: 9699

Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.6	57.8
54	50.6	40.8	61.2

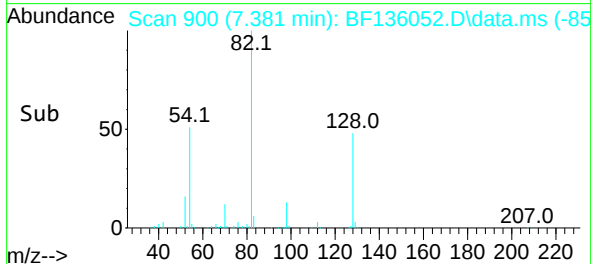
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Patel



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#24

Nitrobenzene

Concen: 10.253 ng

RT: 7.398 min Scan# 903

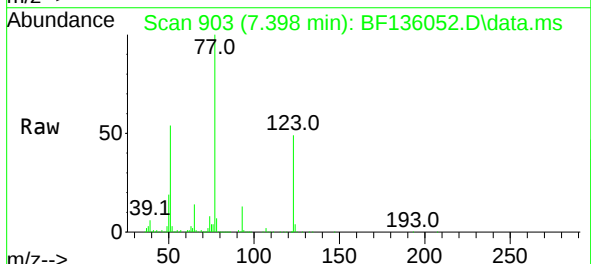
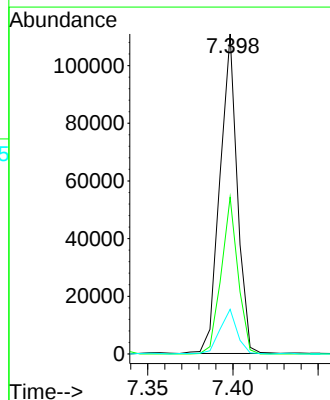
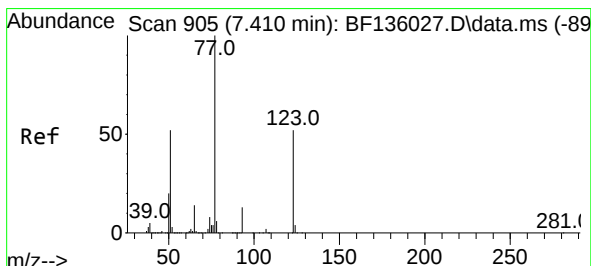
Delta R.T. -0.012 min

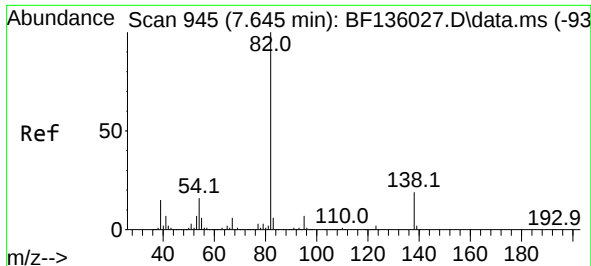
Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Tgt Ion: 77 Resp: 78584

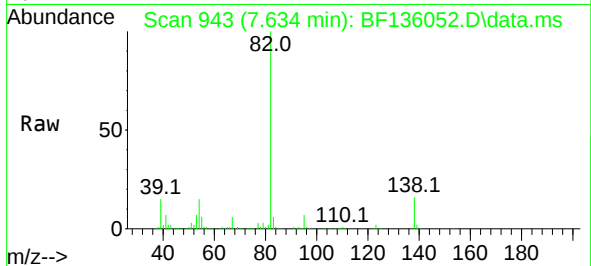
Ion	Ratio	Lower	Upper
77	100		
123	49.0	42.3	63.5
65	13.9	11.0	16.6





#25
Isophorone
Concen: 9.995 ng
RT: 7.634 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

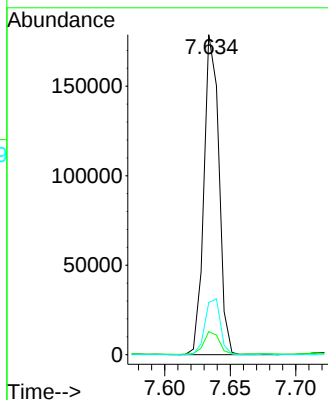
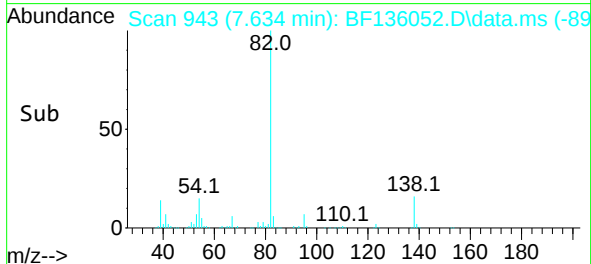
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion: 82 Resp: 142978
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.3 15.3 22.9

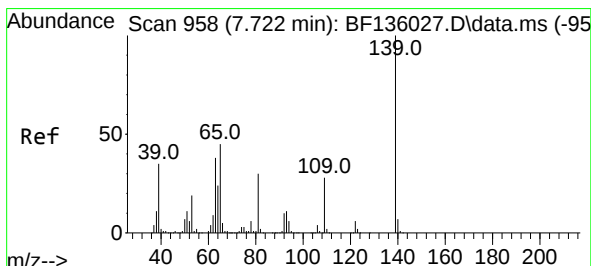
Manual Integrations
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Patel



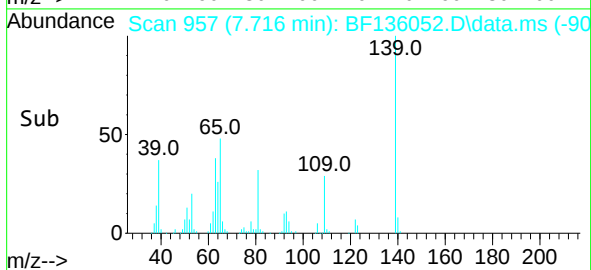
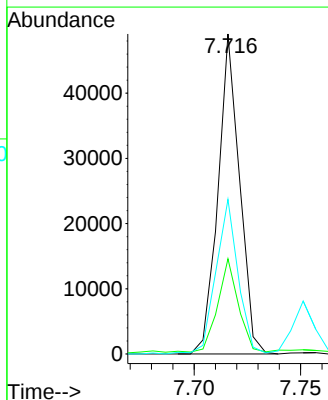
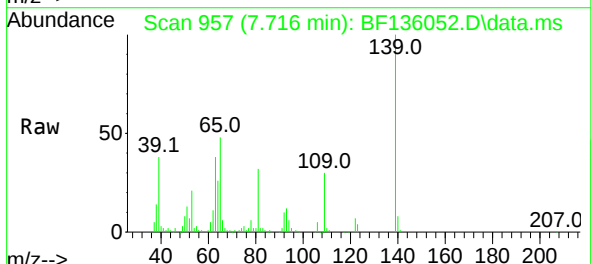
11/01/2023
Supervised By :mohammad
ahmed

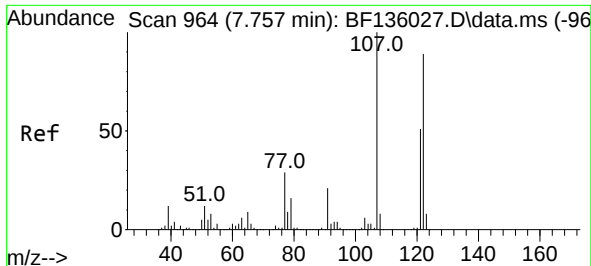
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#26
2-Nitrophenol
Concen: 9.870 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Tgt Ion:139 Resp: 34515
Ion Ratio Lower Upper
139 100
109 29.8 22.6 34.0
65 48.3 36.3 54.5





#27
2,4-Dimethylphenol
Concen: 8.929 ng
RT: 7.751 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

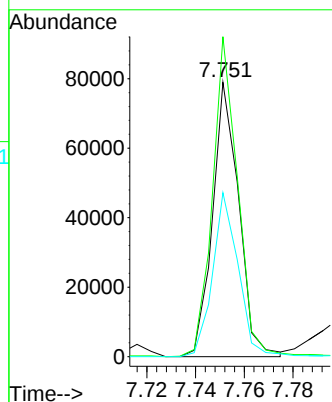
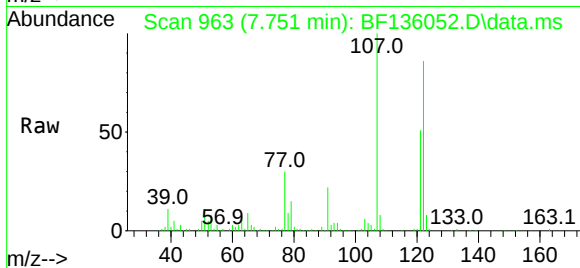
ClientSampleId :

B-1(0-5)MS

Tgt Ion:122 Resp: 5900
Ion Ratio Lower Upper
122 100
107 116.6 89.6 134.4
121 59.8 46.0 69.0

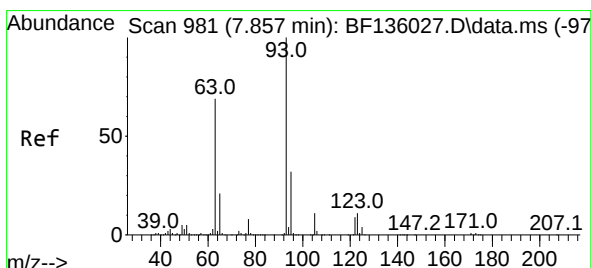
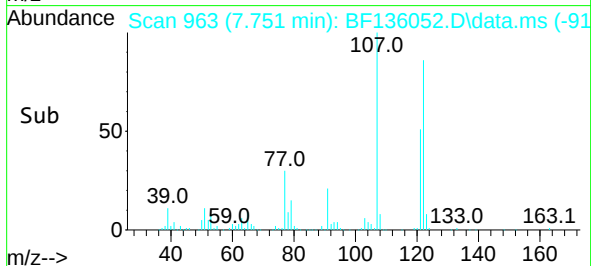
Manual Integrations
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Reviewed By :Yogesh
Patel



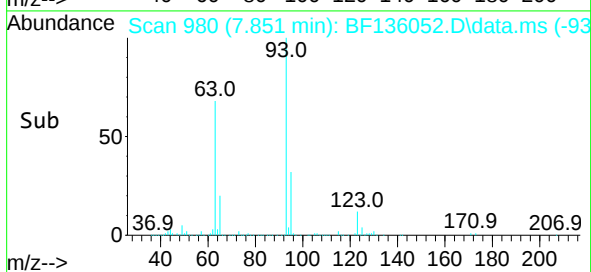
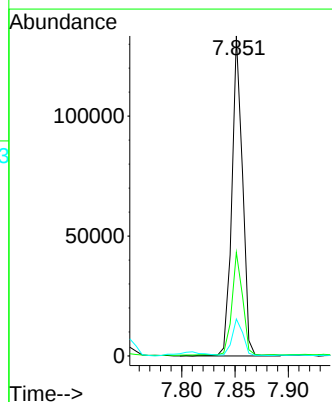
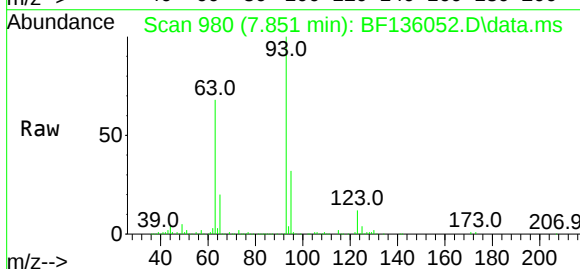
11/01/2023
Supervised By :mohammad
ahmed

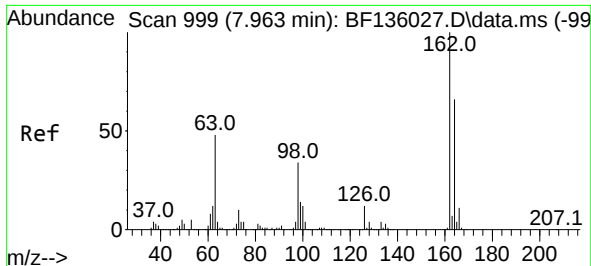
11/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 10.633 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Tgt Ion: 93 Resp: 93197
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 11.6 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 9.208 ng
RT: 7.957 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

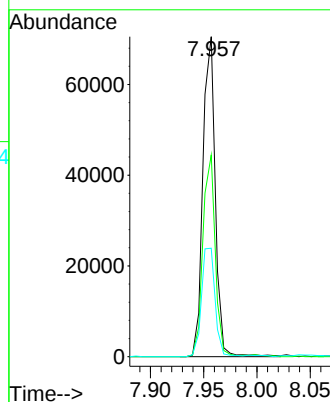
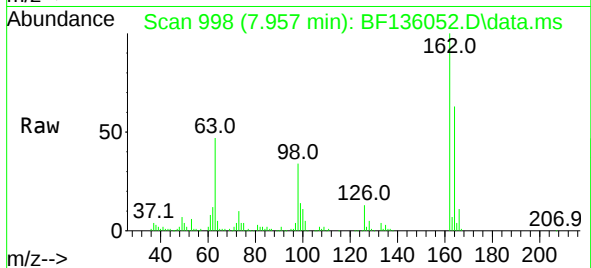
ClientSampleId :

B-1(0-5)MS

Tgt Ion:162 Resp: 57359
Ion Ratio Lower Upper
162 100
164 63.0 45.5 85.5
98 33.9 14.4 54.4

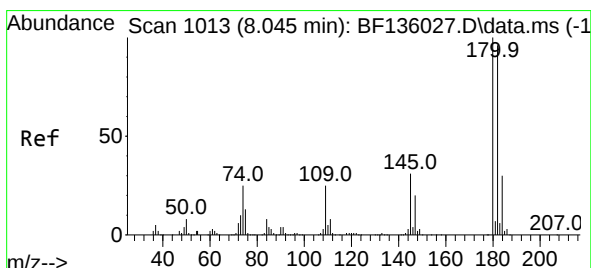
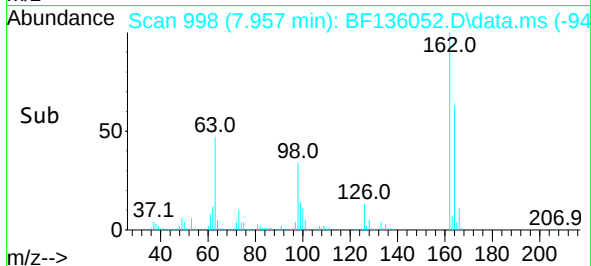
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Reviewed By :Yogesh
Patel



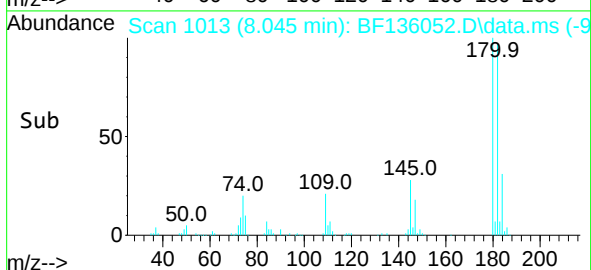
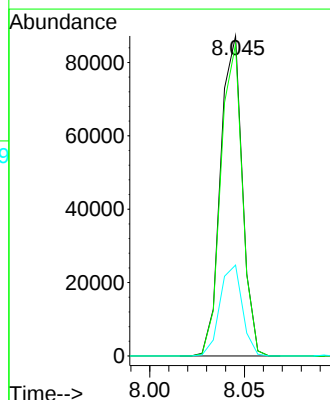
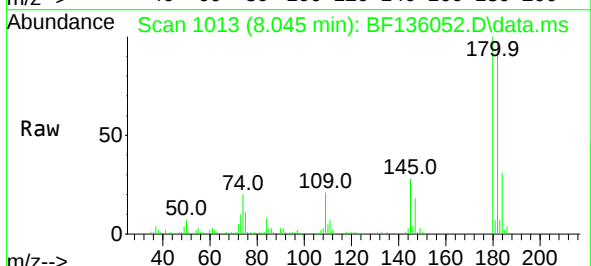
11/01/2023
Supervised By :mohammad
ahmed

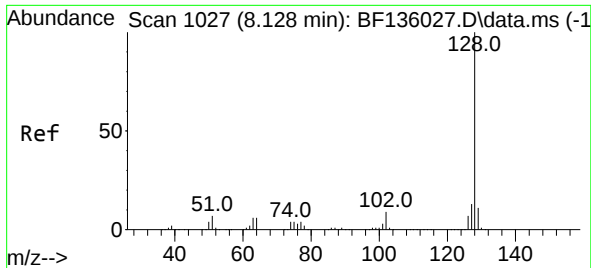
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#30
1,2,4-Trichlorobenzene
Concen: 10.257 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

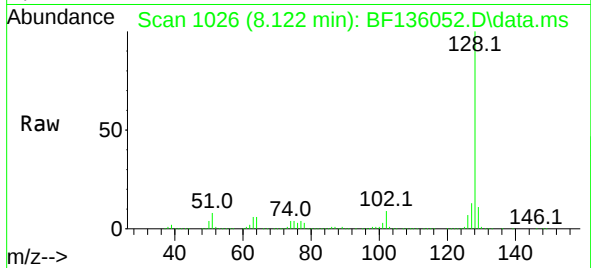
Tgt Ion:180 Resp: 69705
Ion Ratio Lower Upper
180 100
182 97.4 76.9 115.3
145 28.4 24.7 37.1





#31
Naphthalene
Concen: 20.437 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

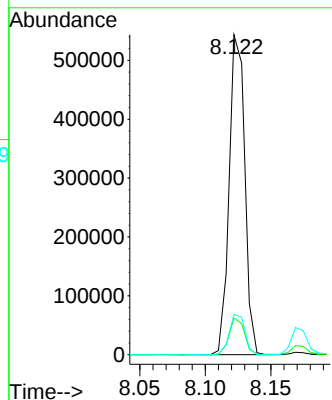
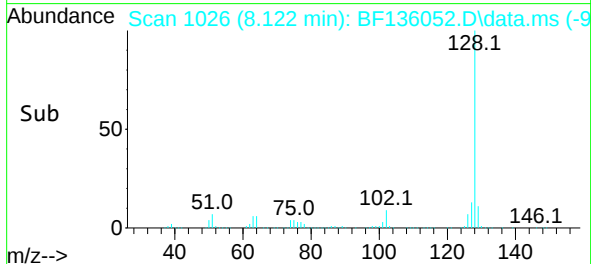
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:128 Resp: 45016
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.6 10.5 15.7

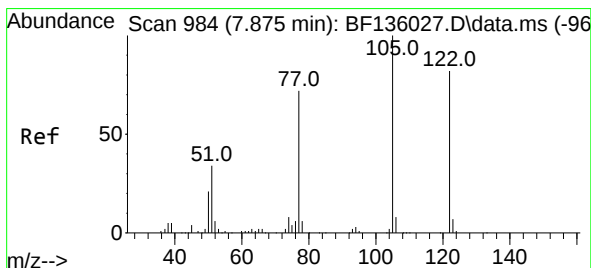
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Reviewed By :Yogesh
Patel

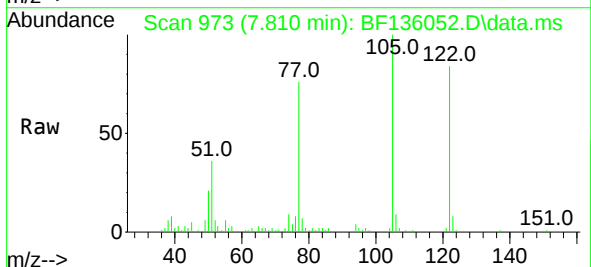


11/01/2023
Supervised By :mohammad
ahmed

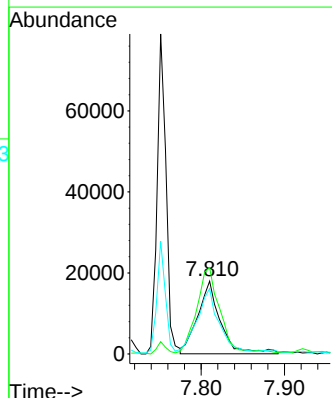
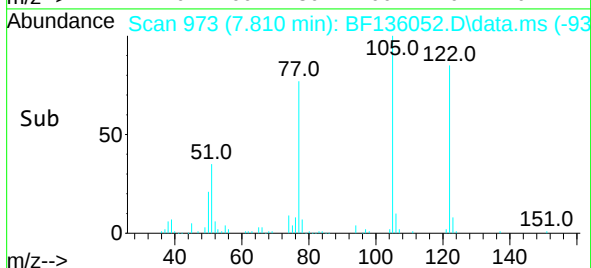
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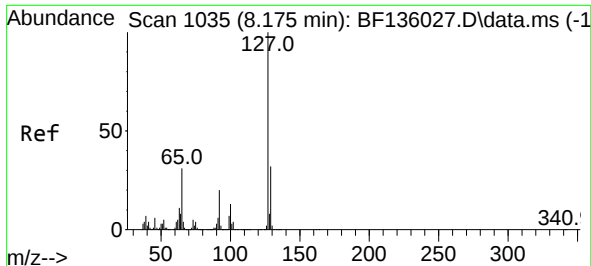


#32
Benzoic acid
Concen: 10.850 ng m
RT: 7.810 min Scan# 973
Delta R.T. -0.065 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion:122 Resp: 33984
Ion Ratio Lower Upper
122 100
105 118.8 99.5 139.5
77 89.7 66.8 106.8





#33
4-Chloroaniline
Concen: 4.366 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

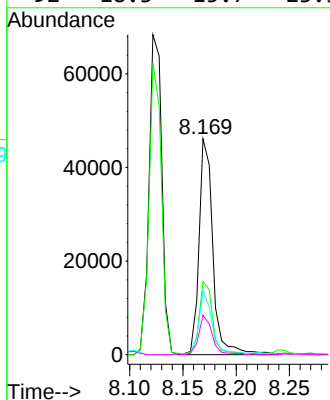
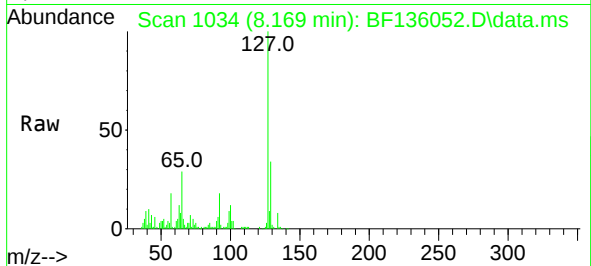
ClientSampleId :

B-1(0-5)MS

Tgt Ion:127	Resp: 4211
Ion Ratio	Lower Upper
127 100	
129 33.9	25.9 38.9
65 29.3	24.6 37.0
92 18.3	15.7 23.5

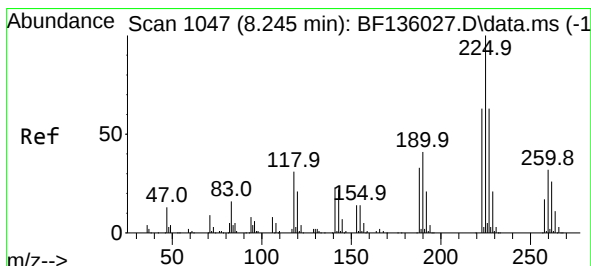
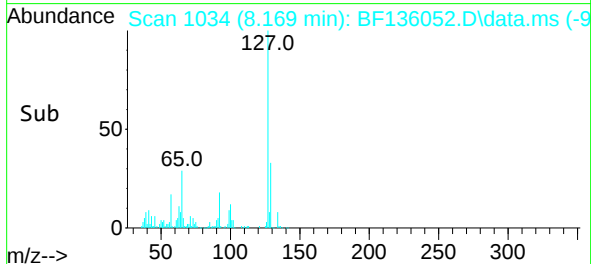
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Reviewed By :Yogesh
Patel



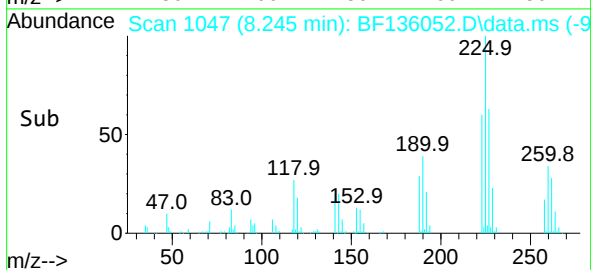
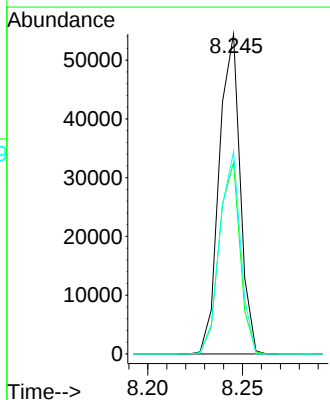
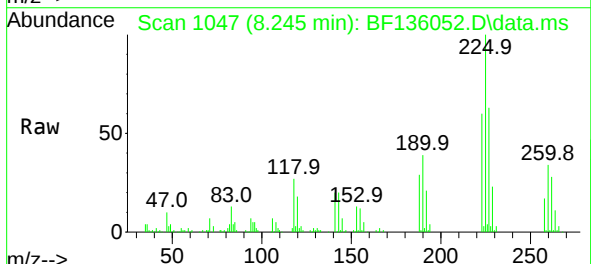
11/01/2023
Supervised By :mohammad
ahmed

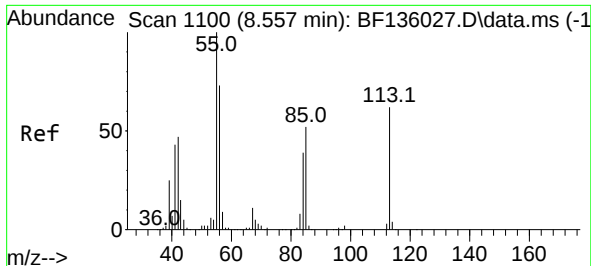
11/01/2023



#34
Hexachlorobutadiene
Concen: 10.741 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

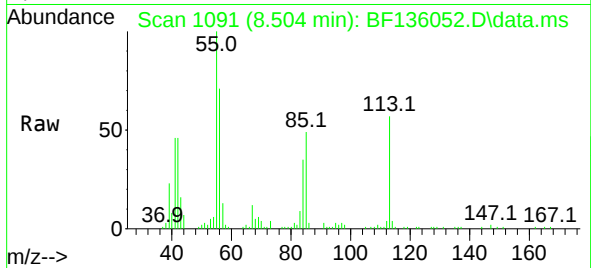
Tgt Ion:225	Resp: 41860
Ion Ratio	Lower Upper
225 100	
223 59.9	50.3 75.5
227 63.3	50.6 75.8





#35
Caprolactam
Concen: 8.746 ng m
RT: 8.504 min Scan# 1100
Delta R.T. -0.053 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

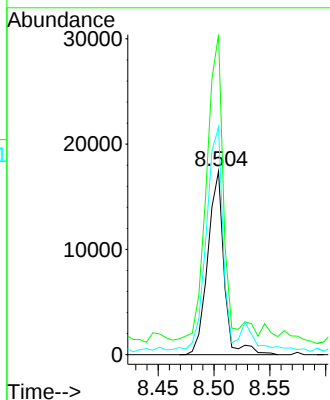
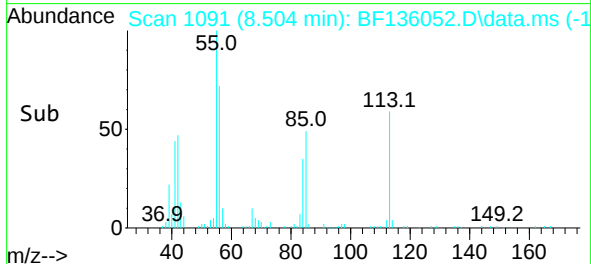
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:113 Resp: 17715
Ion Ratio Lower Upper
113 100
55 174.5 142.2 182.2
56 124.2 97.7 137.7

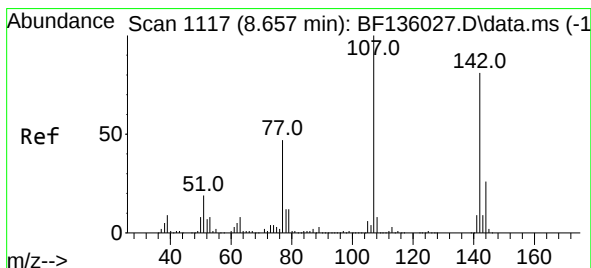
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Patel



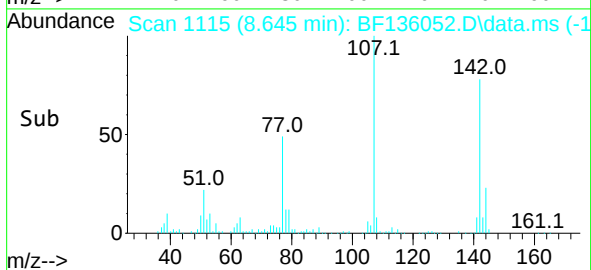
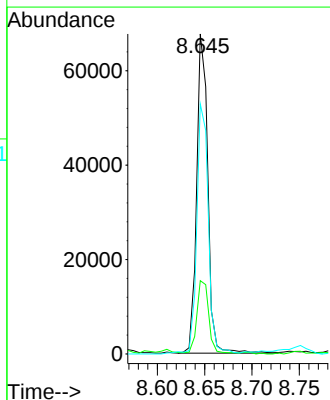
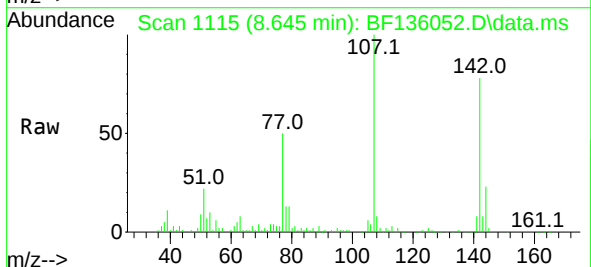
11/01/2023
Supervised By :mohammad
ahmed

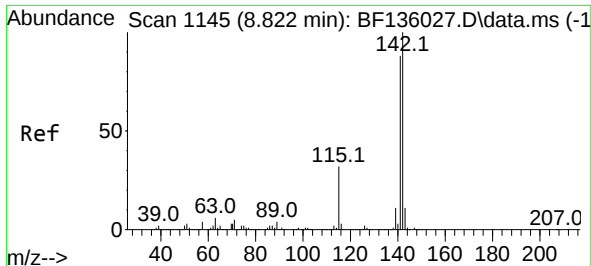
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#36
4-Chloro-3-methylphenol
Concen: 8.534 ng
RT: 8.645 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Tgt Ion:107 Resp: 55811
Ion Ratio Lower Upper
107 100
144 22.9 20.6 31.0
142 78.1 64.6 97.0





#37

2-Methylnaphthalene

Concen: 15.205 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)MS

Tgt Ion:142 Resp: 22455

Ion Ratio Lower Upper

142 100

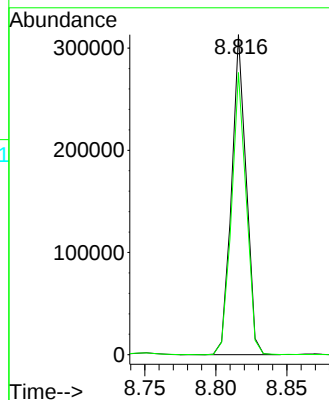
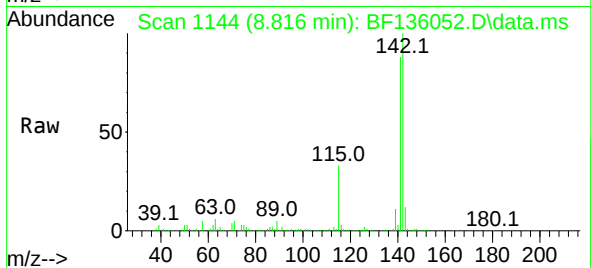
141 88.1 70.4 105.6

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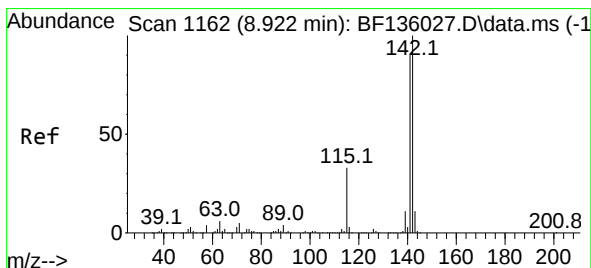
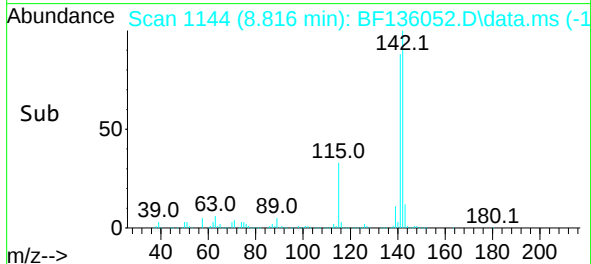
Patel



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ahmed

11/01/2023



#38

1-Methylnaphthalene

Concen: 14.378 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136052.D

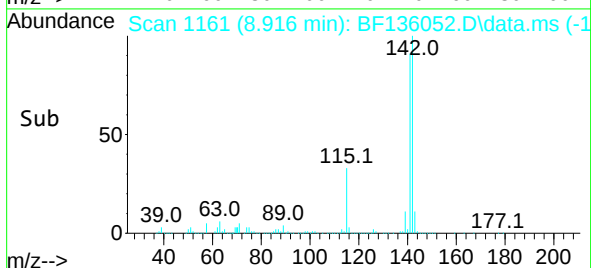
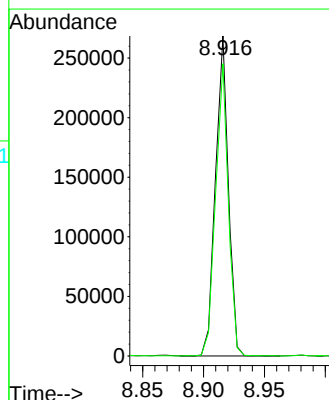
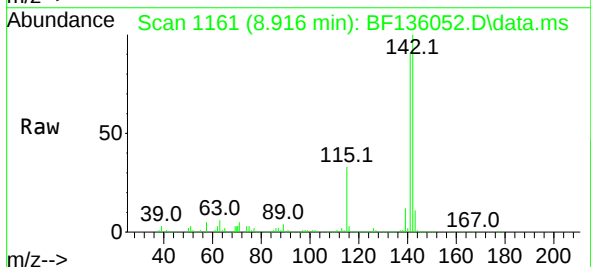
Acq: 31 Oct 2023 15:32

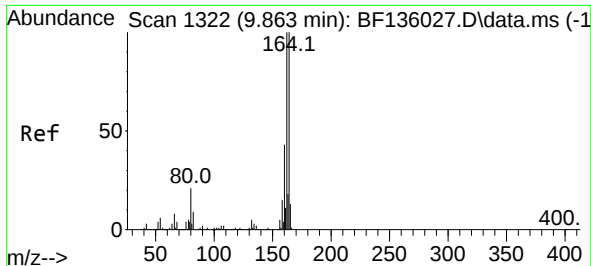
Tgt Ion:142 Resp: 197614

Ion Ratio Lower Upper

142 100

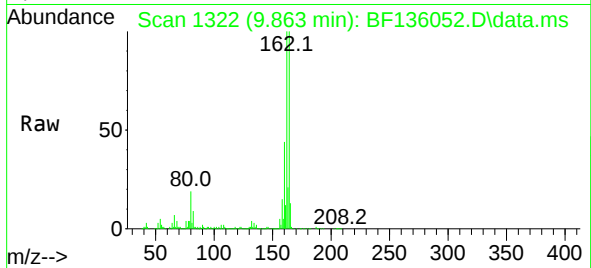
141 91.3 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

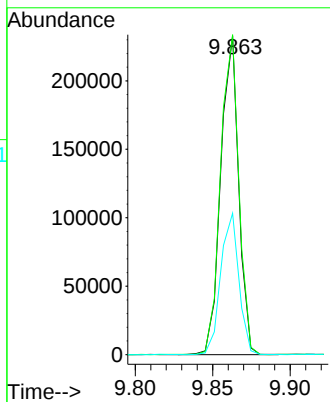
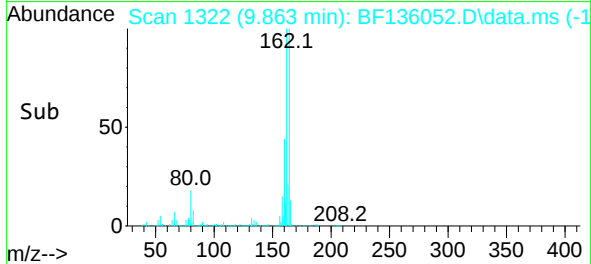
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:164 Resp: 186990
Ion Ratio Lower Upper
164 100
162 100.3 80.1 120.1
160 44.3 34.8 52.2

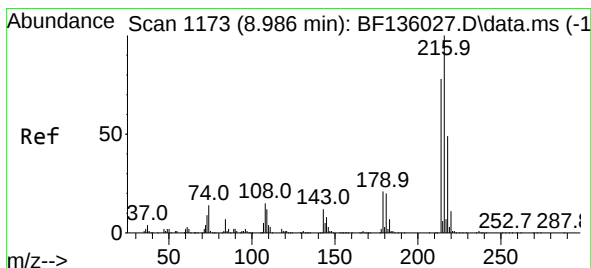
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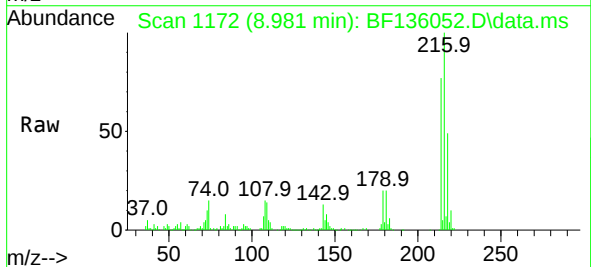


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Supervised By :mohammad
ahmed

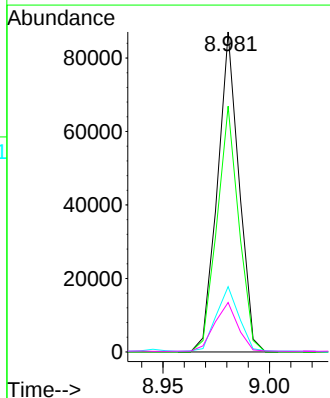
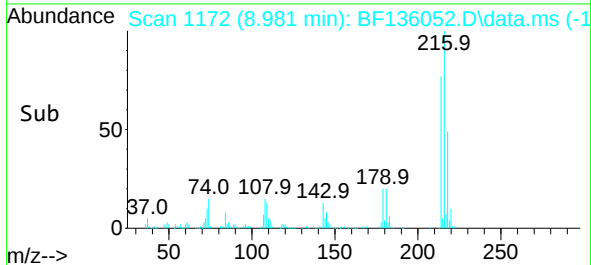
11/01/2023

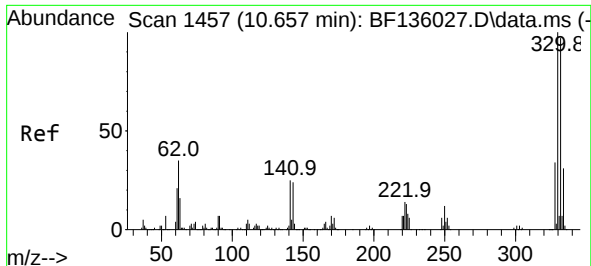


#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.520 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



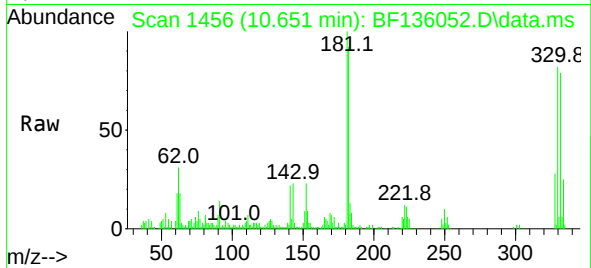
Tgt Ion:216 Resp: 61436
Ion Ratio Lower Upper
216 100
214 77.4 63.8 95.6
179 22.5 17.5 26.3
108 16.4 14.4 21.6





#42
2,4,6-Tribromophenol
Concen: 16.187 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

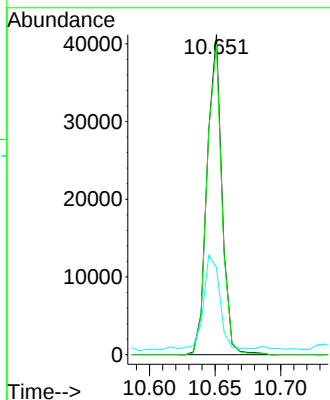
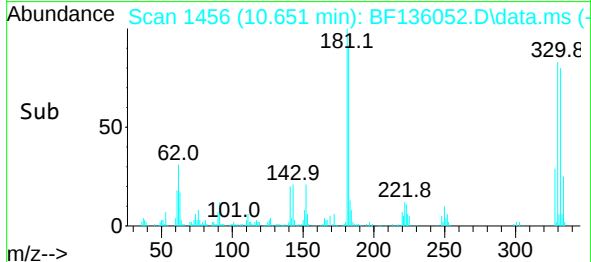
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion: 330 Resp: 32308
Ion Ratio Lower Upper
330 100
332 97.7 76.9 115.3
141 32.7 23.2 34.8

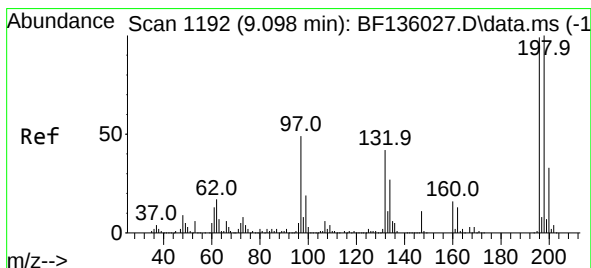
Manual Integrations
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Reviewed By : Yogesh
Patel

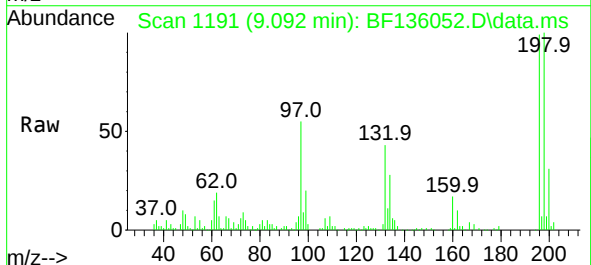


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Supervised By : mohammad
ahmed

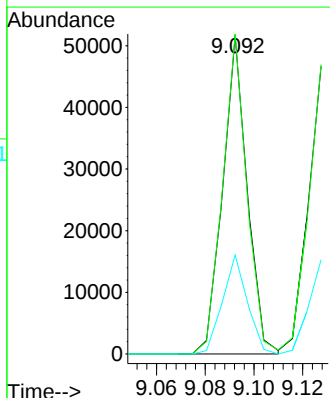
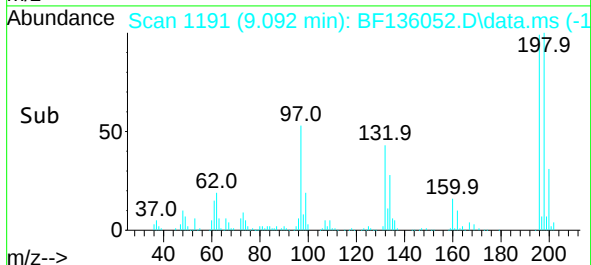
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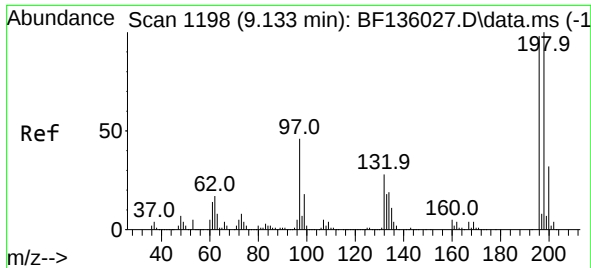


#43
2,4,6-Trichlorophenol
Concen: 10.361 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



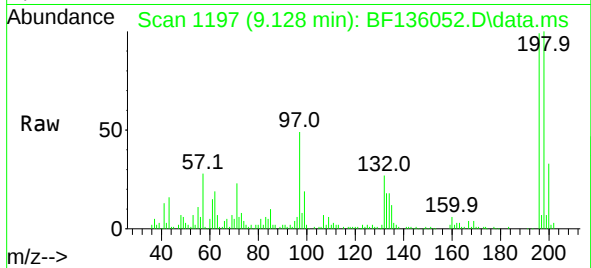
Tgt Ion: 196 Resp: 36025
Ion Ratio Lower Upper
196 100
198 100.5 80.7 121.1
200 31.1 26.8 40.2





#44
2,4,5-Trichlorophenol
Concen: 8.590 ng
RT: 9.128 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

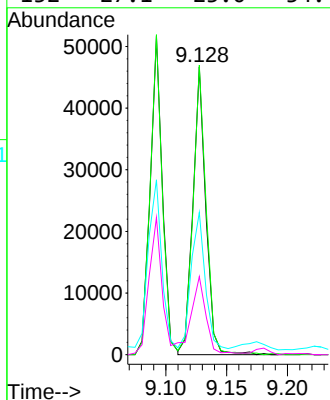
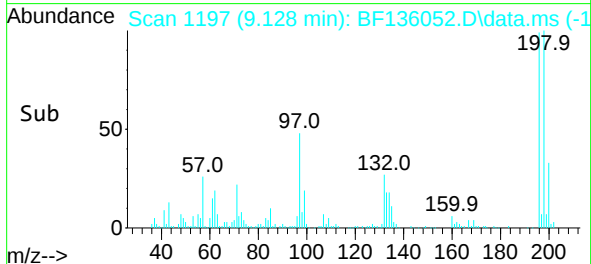
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:196 Resp: 34598
Ion Ratio Lower Upper
196 100
198 100.6 81.6 122.4
97 49.5 38.2 57.2
132 27.1 23.0 34.4

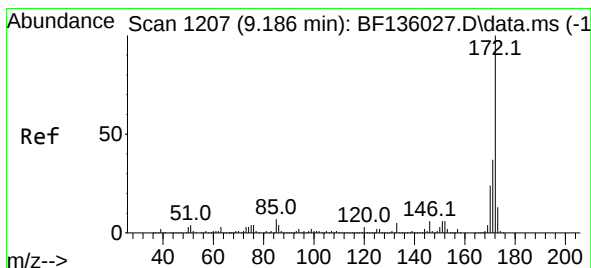
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

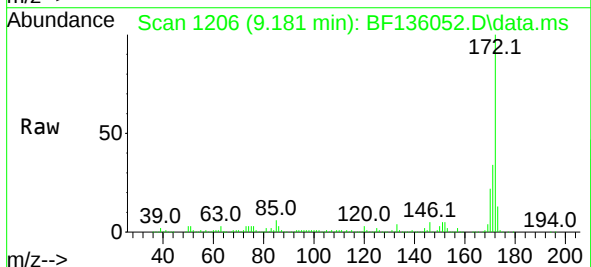


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ahmed

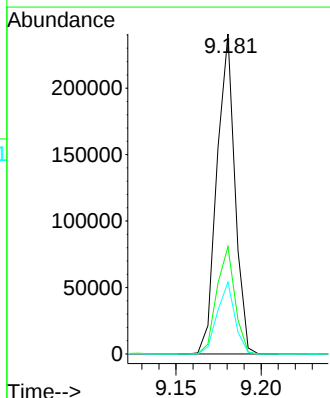
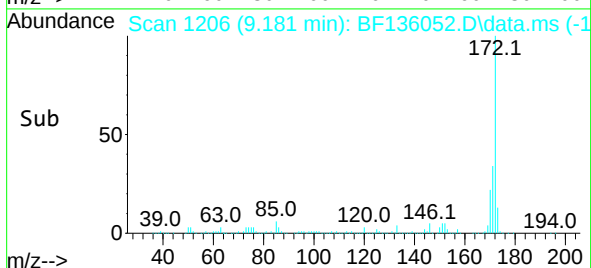
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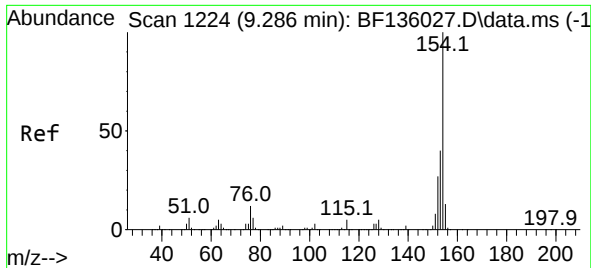


#45
2-Fluorobiphenyl
Concen: 15.072 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



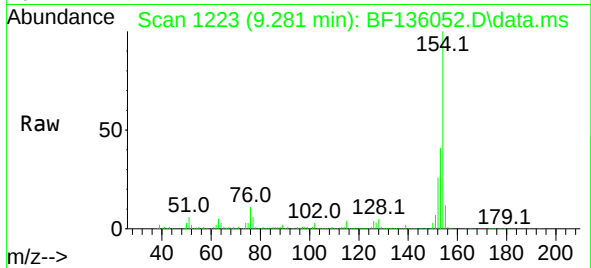
Tgt Ion:172 Resp: 176801
Ion Ratio Lower Upper
172 100
171 33.6 29.4 44.0
170 22.5 19.3 28.9





#46
1,1'-Biphenyl
Concen: 12.212 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

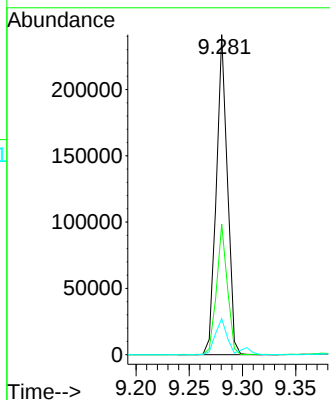
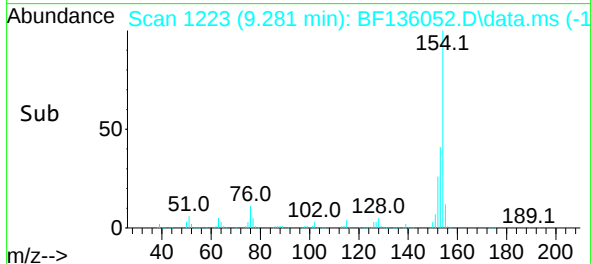
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:154 Resp: 174079
Ion Ratio Lower Upper
154 100
153 40.8 20.1 60.1
76 11.2 0.0 32.5

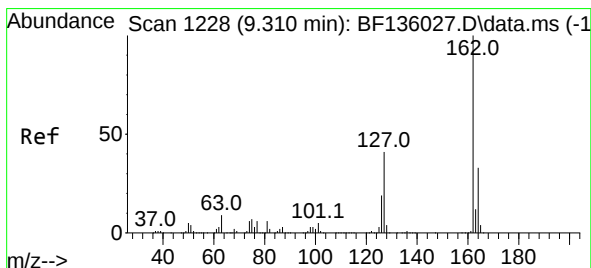
Manual Integrations
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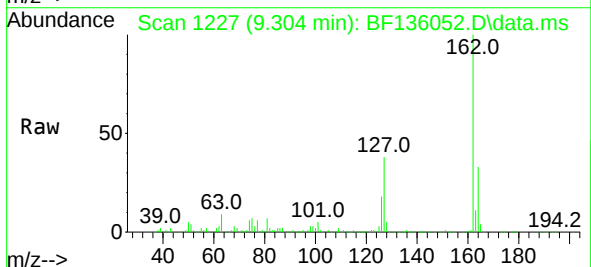


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ahmed

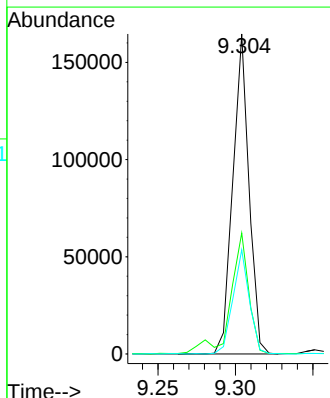
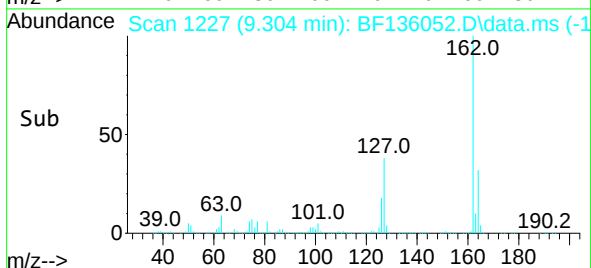
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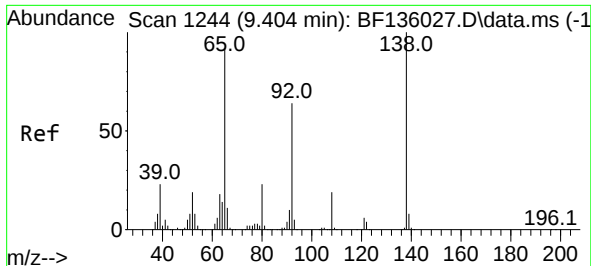


#47
2-Chloronaphthalene
Concen: 11.329 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



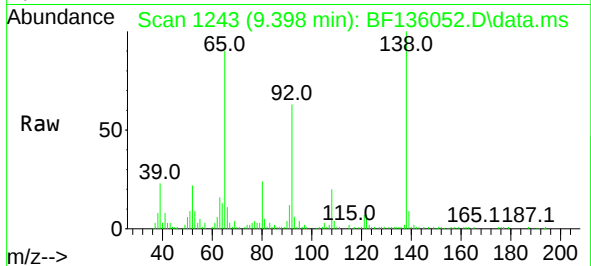
Tgt Ion:162 Resp: 119045
Ion Ratio Lower Upper
162 100
127 37.8 32.4 48.6
164 32.5 26.7 40.1





#48
2-Nitroaniline
Concen: 9.533 ng
RT: 9.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

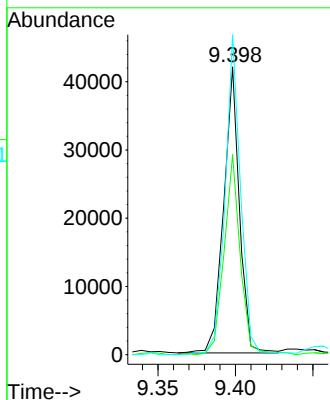
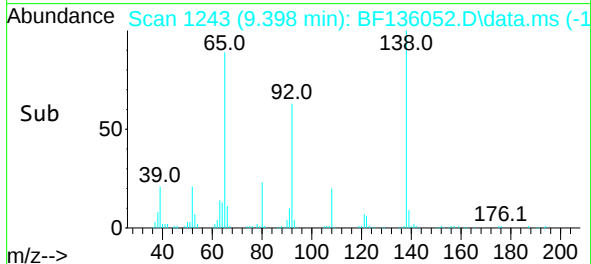
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion: 65 Resp: 29640
Ion Ratio Lower Upper
65 100
92 69.6 55.7 83.5
138 111.2 86.8 130.2

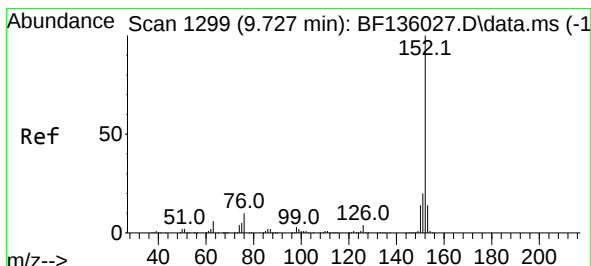
Manual Integrations
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Reviewed By :Yogesh
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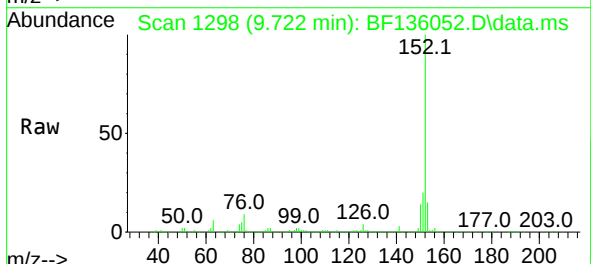


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Supervised By :mohammad
ahmed

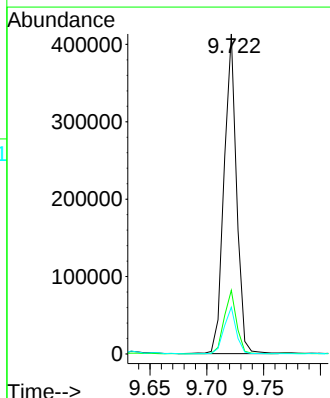
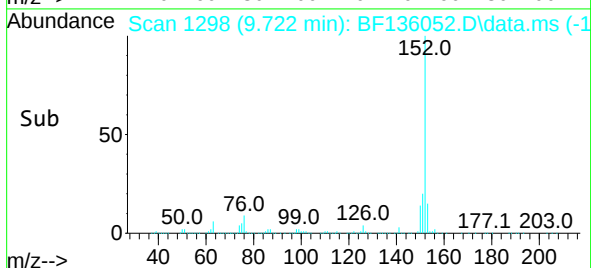
11/01/2023

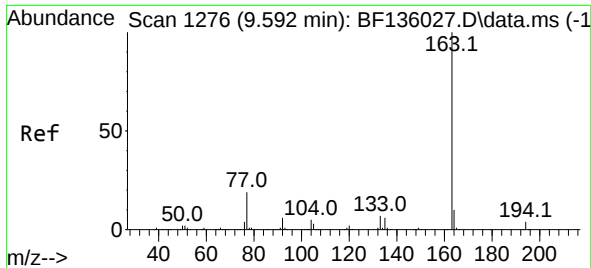


#49
Acenaphthylene
Concen: 19.384 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion:152 Resp: 317768
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 14.6 11.4 17.2





#50
Dimethylphthalate
Concen: 10.728 ng
RT: 9.581 min Scan# 1274
Delta R.T. -0.011 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

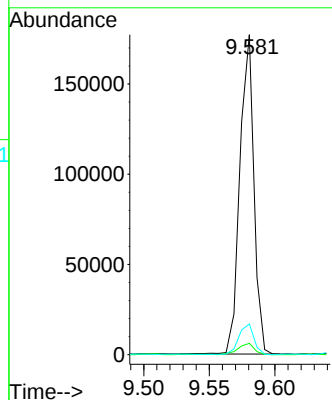
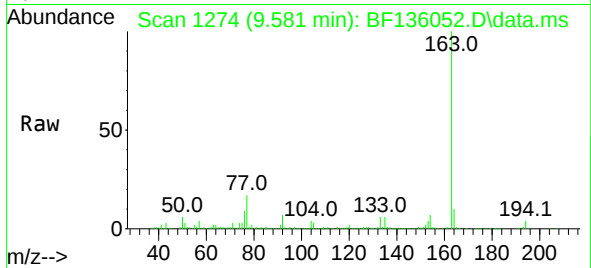
ClientSampleId :

B-1(0-5)MS

Tgt Ion:163 Resp: 13232
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.6 8.1 12.1

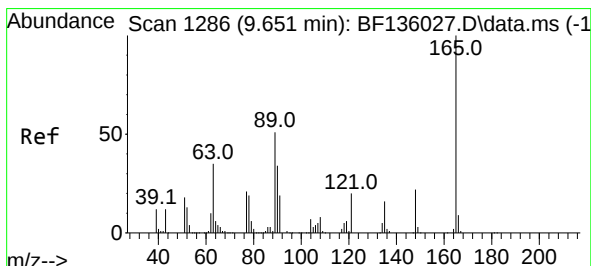
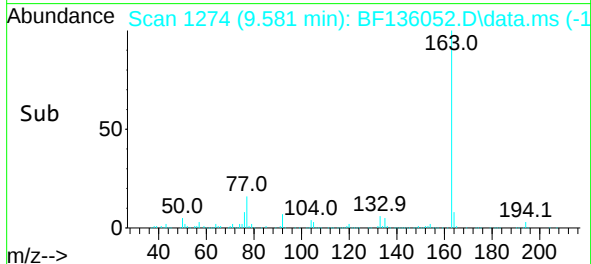
Manual Integrations
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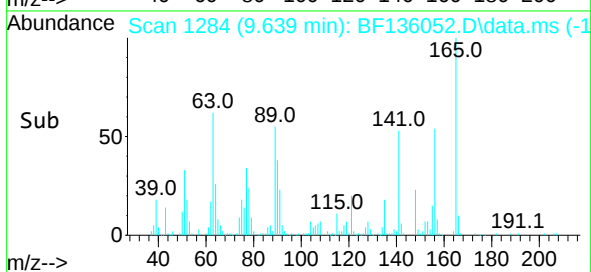
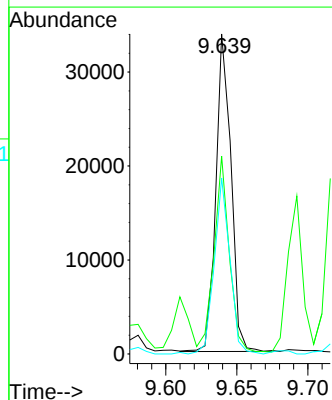
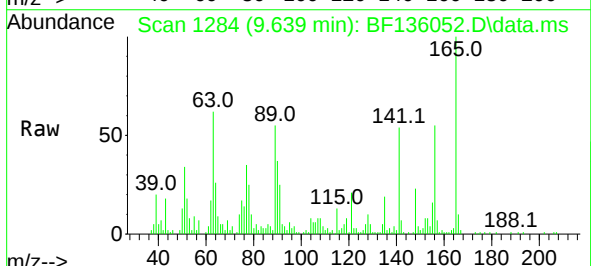
11/01/2023
Supervised By :mohammad
ahmed

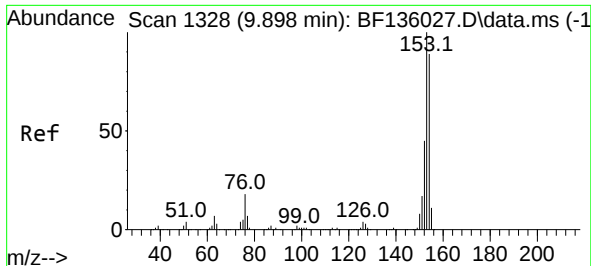
11/01/2023



#51
2,6-Dinitrotoluene
Concen: 9.436 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

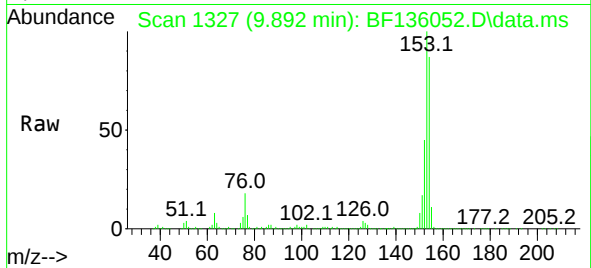
Tgt Ion:165 Resp: 24891
Ion Ratio Lower Upper
165 100
63 61.9 40.8 61.2#
89 55.0 41.1 61.7





#52
Acenaphthene
Concen: 21.105 ng m
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

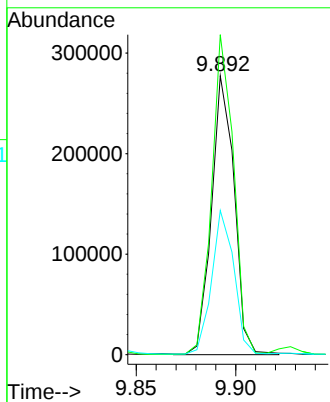
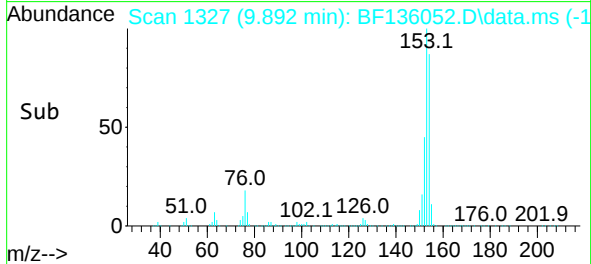
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:154 Resp: 21994
Ion Ratio Lower Upper
154 100
153 114.7 89.9 134.9
152 51.7 40.2 60.2

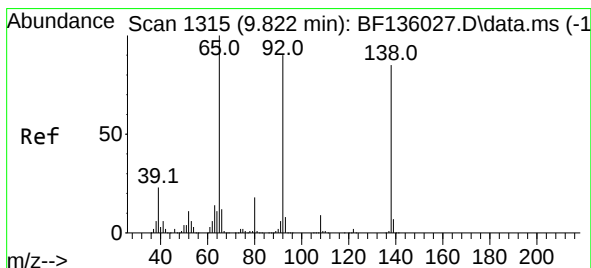
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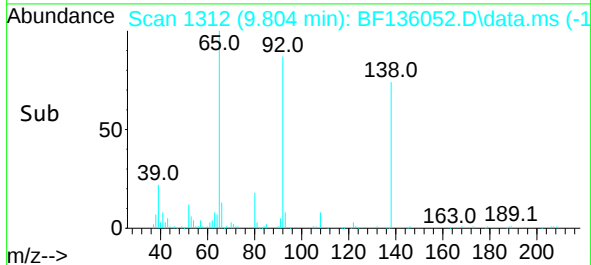
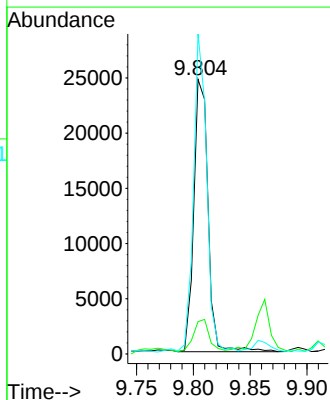
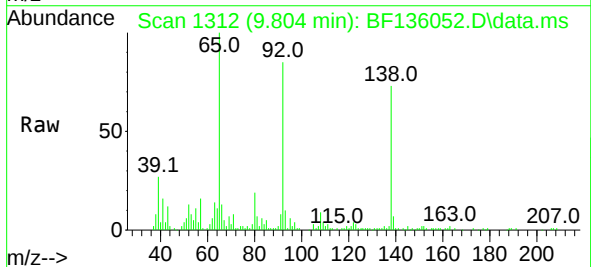
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Supervised By :mohammad
ahmed

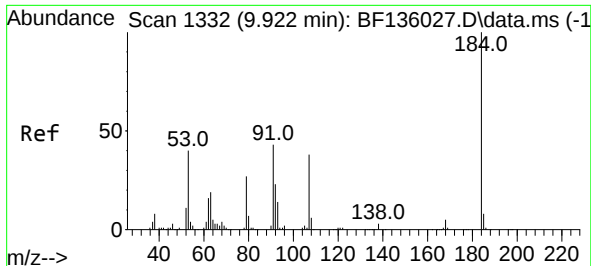
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#53
3-Nitroaniline
Concen: 7.010 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.018 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

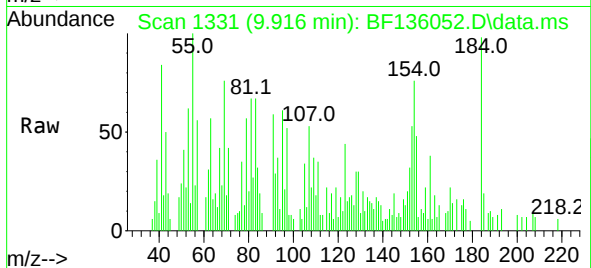
Tgt Ion:138 Resp: 21577
Ion Ratio Lower Upper
138 100
108 11.8 8.8 13.2
92 116.6 84.6 126.8





#54
2,4-Dinitrophenol
Concen: 9.459 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

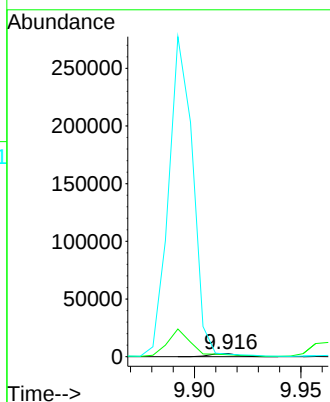
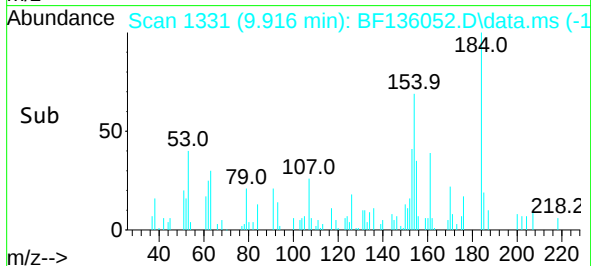
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:184 Resp: 235
Ion Ratio Lower Upper
184 100
63 58.1 43.7 65.5
154 77.8 51.2 76.8

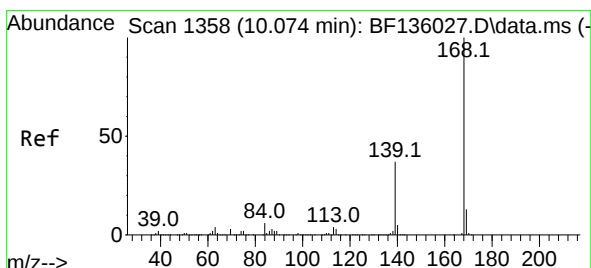
Manual Integrations
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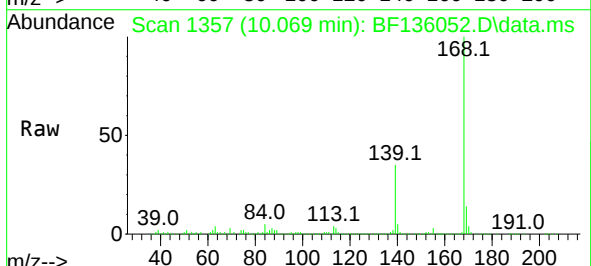


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Supervised By :mohammad
ahmed

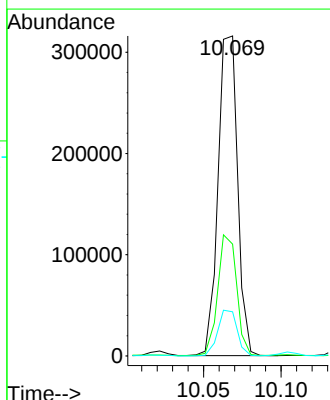
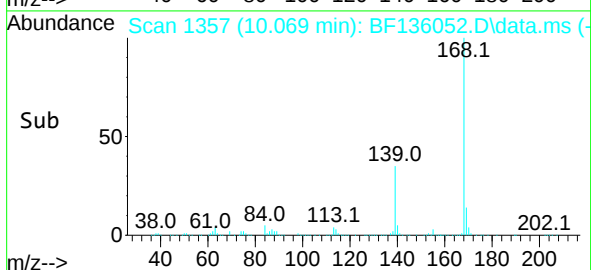
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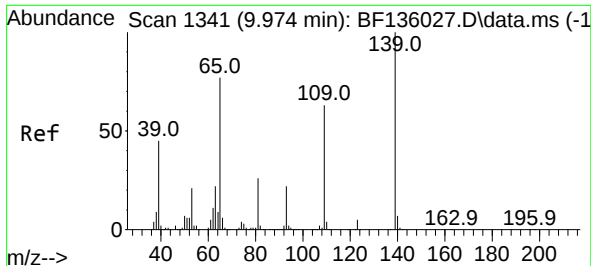


#55
Dibenzofuran
Concen: 18.236 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion:168 Resp: 277115
Ion Ratio Lower Upper
168 100
139 35.0 29.4 44.0
169 13.8 10.5 15.7





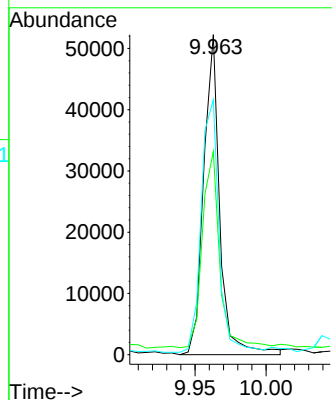
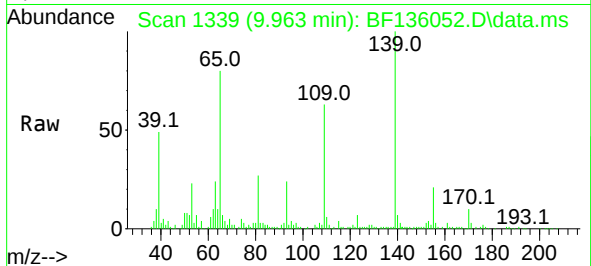
#56
4-Nitrophenol
Concen: 17.984 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS

Tgt Ion:139 Resp: 4140
Ion Ratio Lower Upper
139 100
109 63.5 43.2 83.2
65 79.7 57.6 97.6

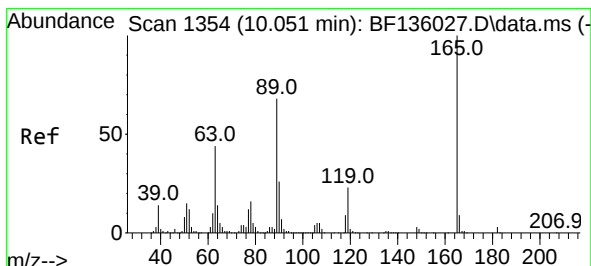
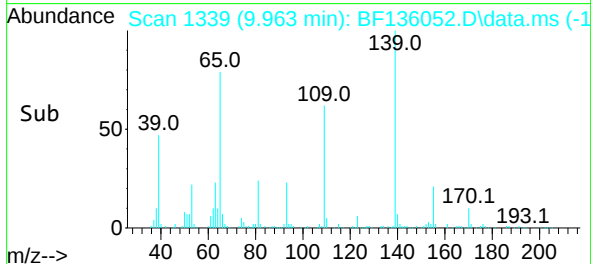
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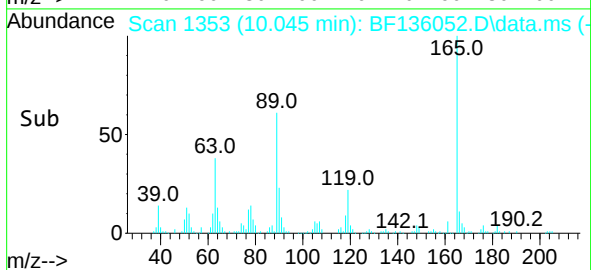
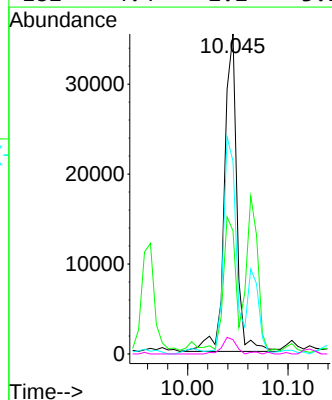
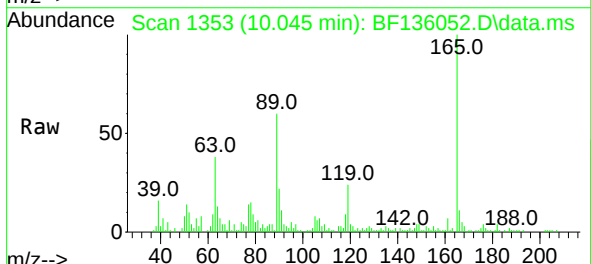
11/01/2023
Supervised By :mohammad
ahmed

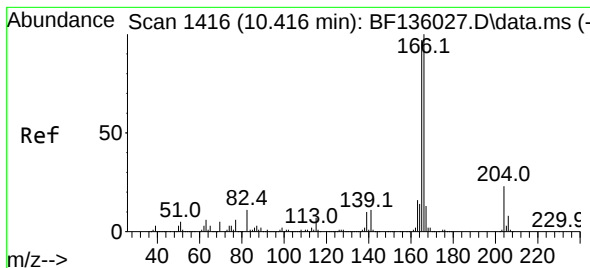
11/01/2023



#57
2,4-Dinitrotoluene
Concen: 9.135 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Tgt Ion:165 Resp: 30491
Ion Ratio Lower Upper
165 100
63 38.5 35.2 52.8
89 60.2 54.8 82.2
182 4.4 2.2 3.2#





#58

Fluorene

Concen: 29.094 ng

RT: 10.410 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF136052.D

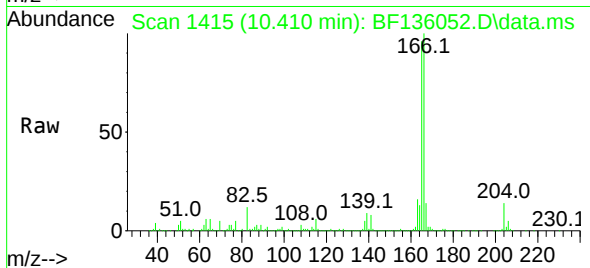
Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)MS



Tgt Ion:166 Resp: 33102

Ion Ratio Lower Upper

166 100

165 96.3 77.7 116.5

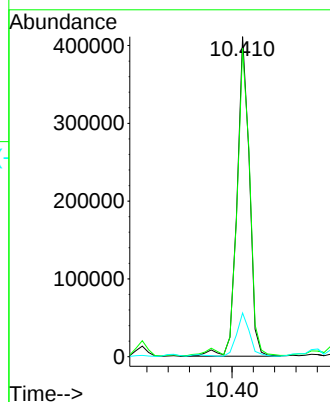
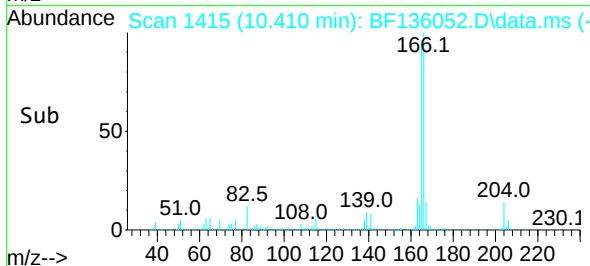
167 13.6 10.6 16.0

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Reviewed By :Yogesh

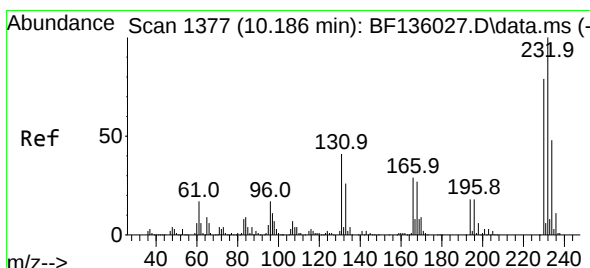
Patel



11/01/2023

Supervised By :mohammad
ahmed

11/01/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 8.422 ng

RT: 10.180 min Scan# 1376

Delta R.T. -0.006 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Tgt Ion:232 Resp: 26970

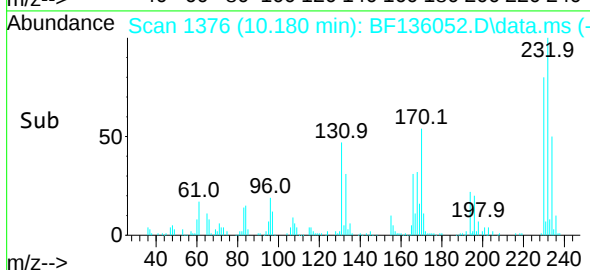
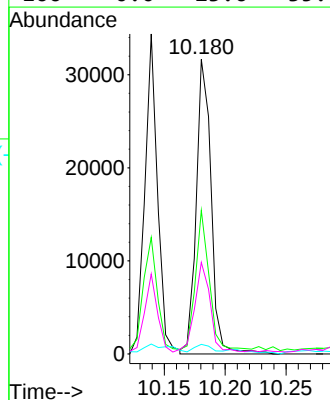
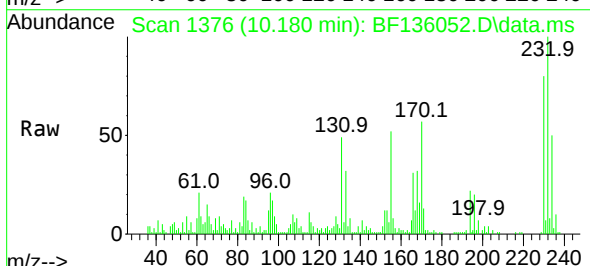
Ion Ratio Lower Upper

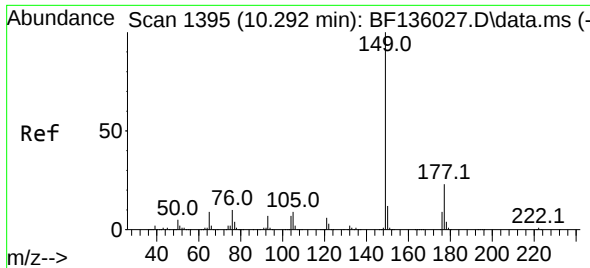
232 100

131 42.6 34.6 52.0

130 2.8 1.6 2.4#

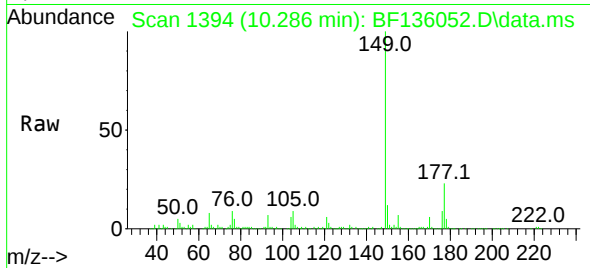
166 0.0 23.6 35.4#





#60
Diethylphthalate
Concen: 9.845 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

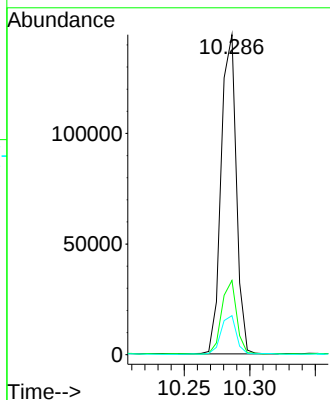
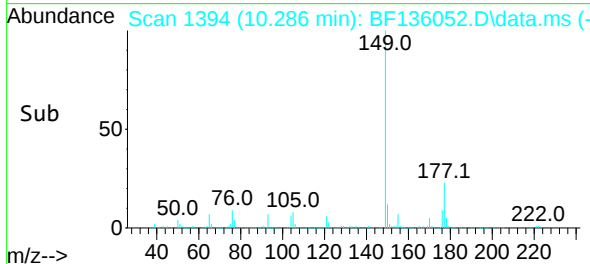
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:149 Resp: 11602
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.2 9.9 14.9

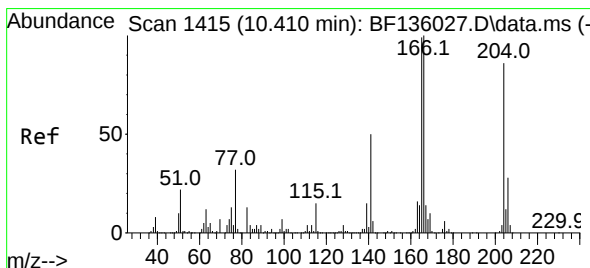
Manual Integrations
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Reviewed By :Yogesh
Patel

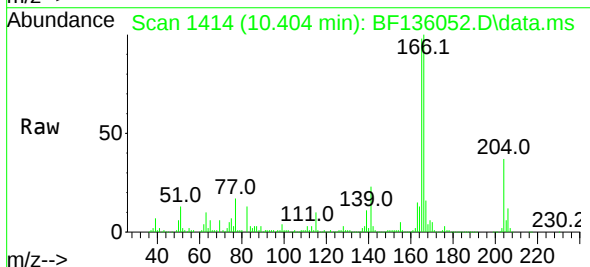


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Supervised By :mohammad
ahmed

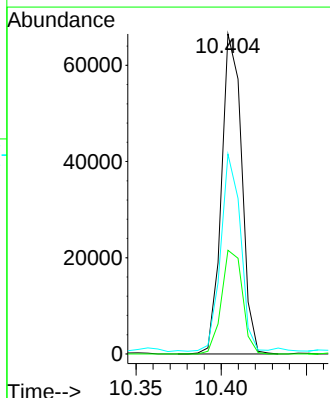
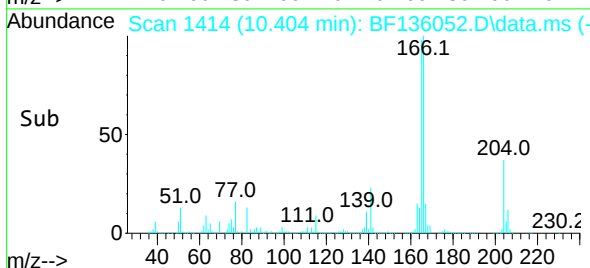
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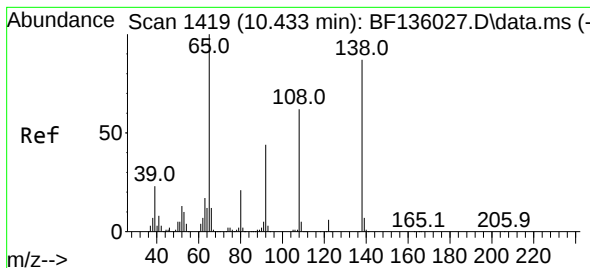


#61
4-Chlorophenyl-phenylether
Concen: 9.672 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



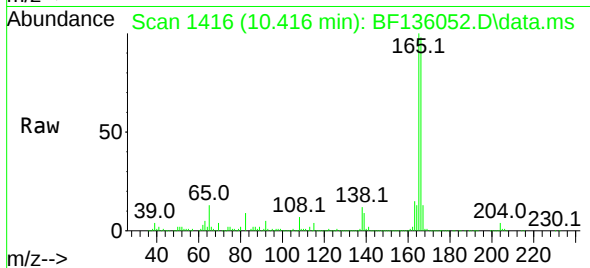
Tgt Ion:204 Resp: 54934
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 62.5 46.8 70.2





#62
4-Nitroaniline
Concen: 8.308 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

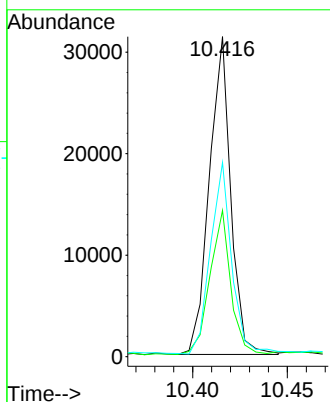
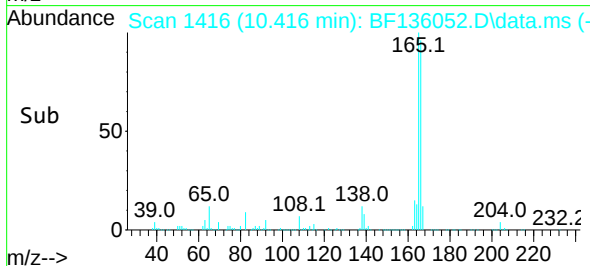
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:138 Resp: 24620
Ion Ratio Lower Upper
138 100
92 45.7 30.6 70.6
108 60.7 51.5 91.5

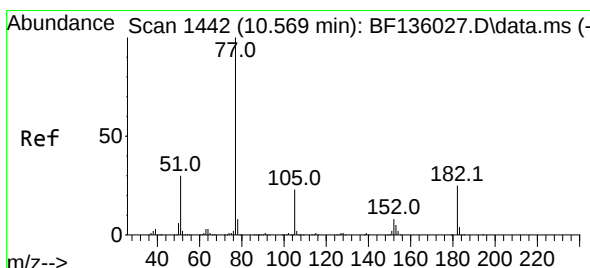
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Reviewed By :Yogesh
Patel



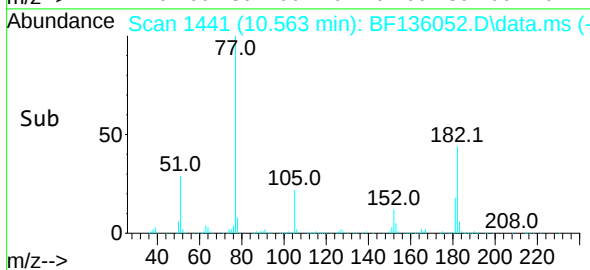
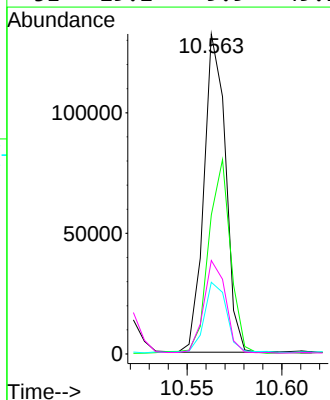
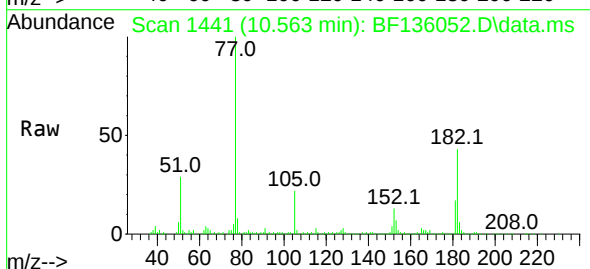
11/01/2023
Supervised By :mohammad
ahmed

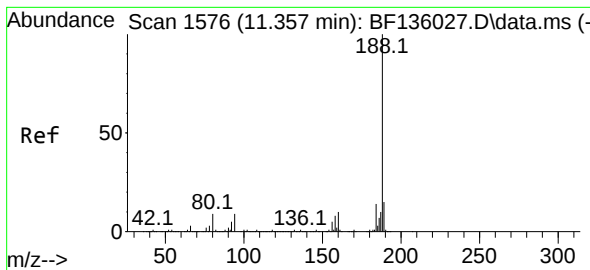
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#63
Azobenzene
Concen: 9.291 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

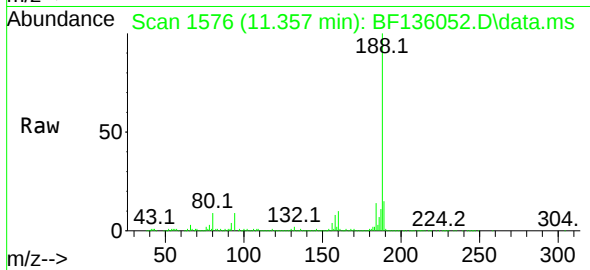
Tgt Ion: 77 Resp: 105444
Ion Ratio Lower Upper
77 100
182 43.4 5.0 45.0
105 22.4 2.6 42.6
51 29.2 9.9 49.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11357
Delta R.T. -0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

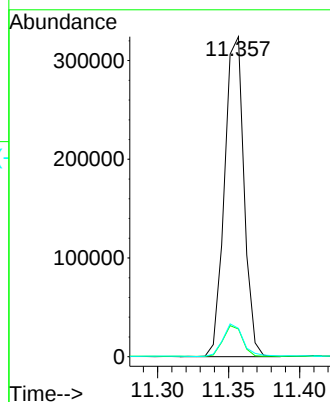
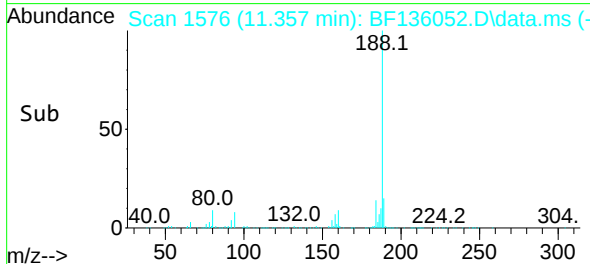
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:188 Resp: 309314
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 8.9 7.4 11.0

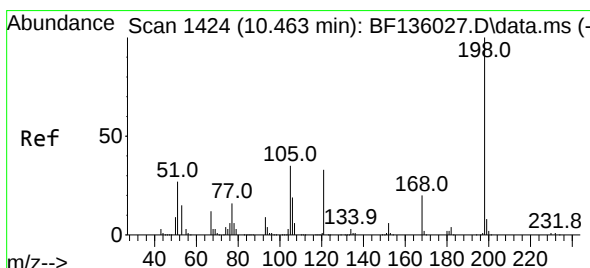
Manual Integrations
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Reviewed By :Yogesh
Patel

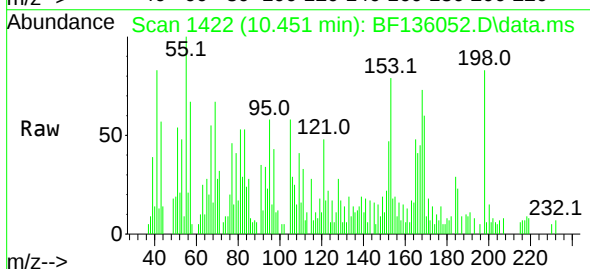


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Supervised By :mohammad
ahmed

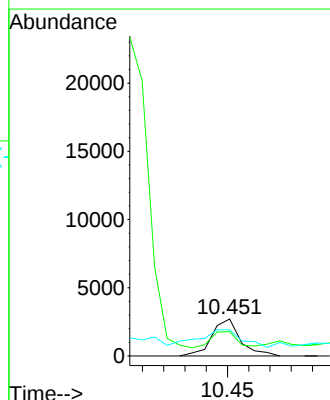
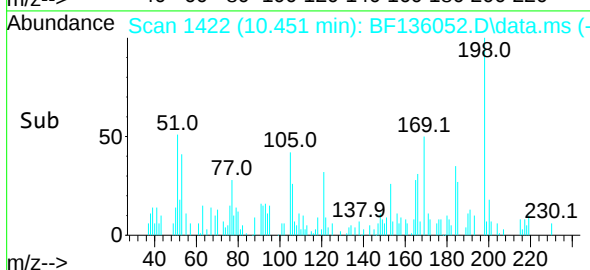
11/01/2023

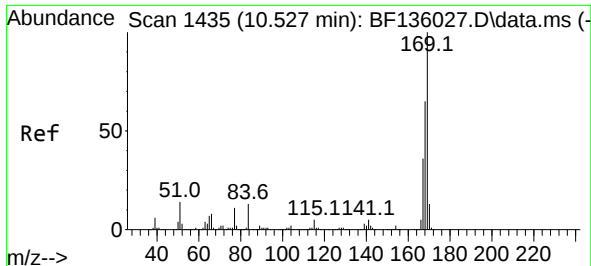


#65
4,6-Dinitro-2-methylphenol
Concen: 7.103 ng m
RT: 10.451 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



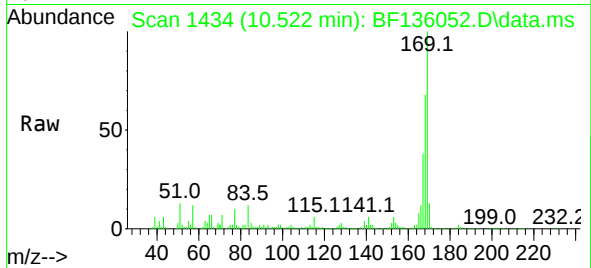
Tgt Ion:198 Resp: 2537
Ion Ratio Lower Upper
198 100
51 65.7 12.9 52.9#
105 70.7 16.0 56.0#





#66
n-Nitrosodiphenylamine
Concen: 11.027 ng
RT: 10.522 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

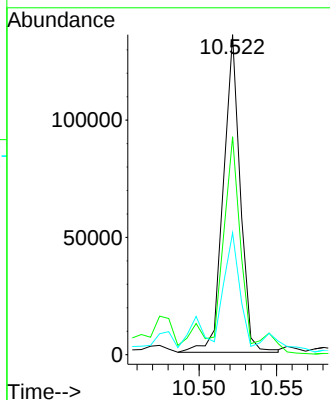
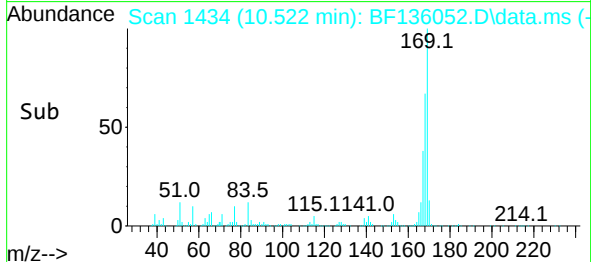
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:169 Resp: 10288
Ion Ratio Lower Upper
169 100
168 68.1 52.2 78.2
167 38.1 28.7 43.1

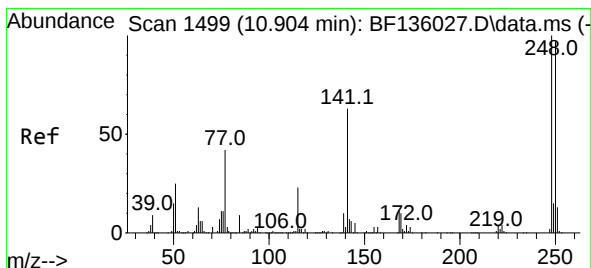
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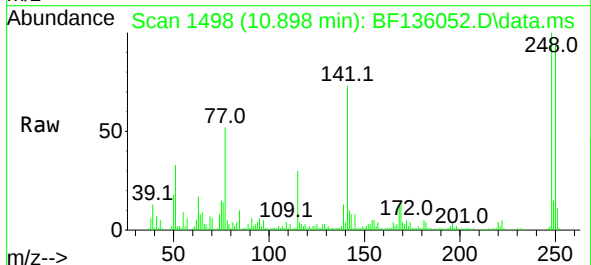


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Supervised By :mohammad
ahmed

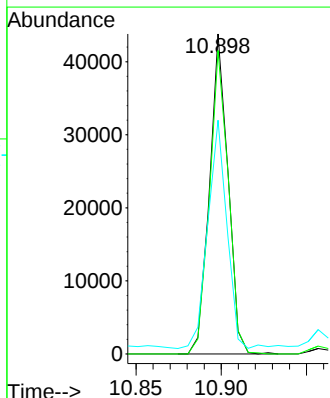
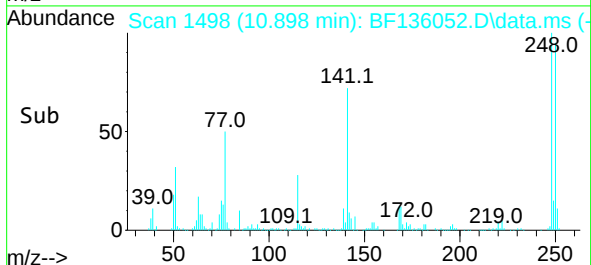
11/01/2023

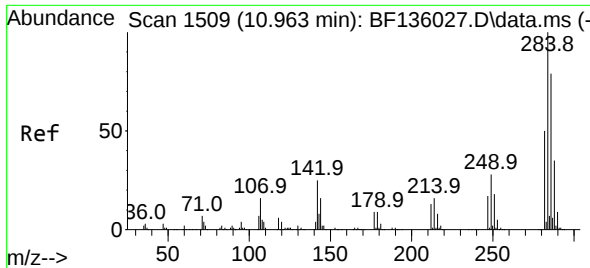


#67
4-Bromophenyl-phenylether
Concen: 10.185 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



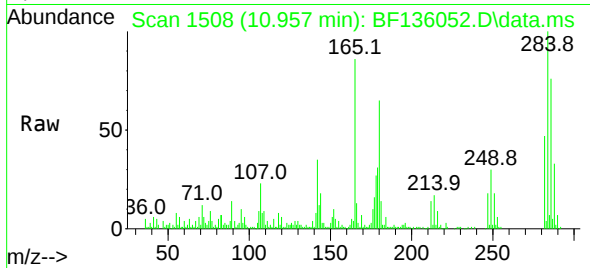
Tgt Ion:248 Resp: 33030
Ion Ratio Lower Upper
248 100
250 94.9 77.6 116.4
141 73.0 50.4 75.6





#68
Hexachlorobenzene
Concen: 10.026 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

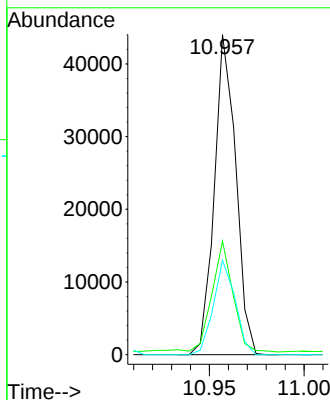
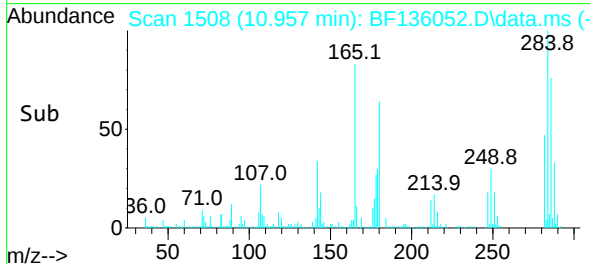
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:284 Resp: 34720
Ion Ratio Lower Upper
284 100
142 35.5 20.2 30.4
249 29.5 22.6 33.8

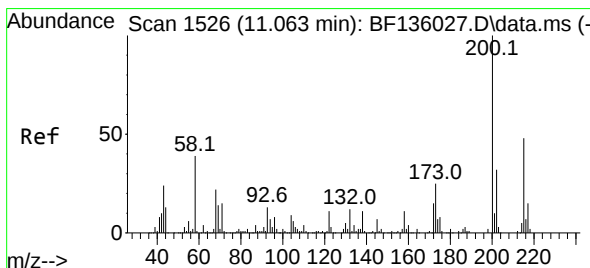
Manual Integrations
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Reviewed By :Yogesh
Patel

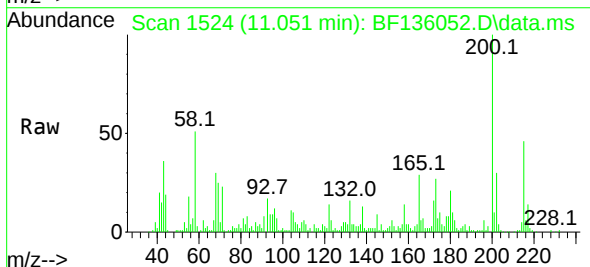


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ahmed

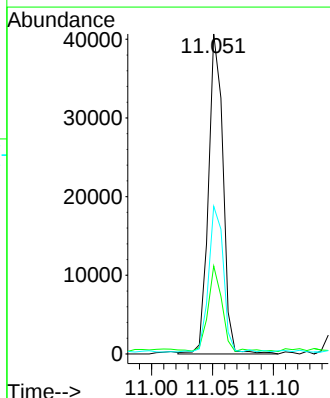
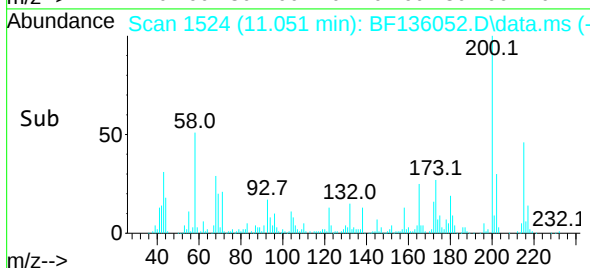
11/01/2023

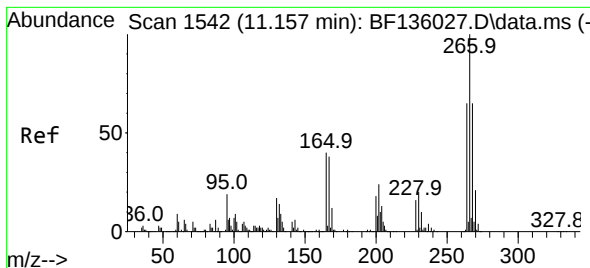


#69
Atrazine
Concen: 13.296 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



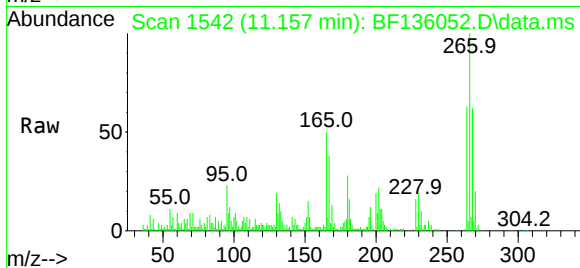
Tgt Ion:200 Resp: 33754
Ion Ratio Lower Upper
200 100
173 27.5 5.2 45.2
215 46.2 28.4 68.4





#70
Pentachlorophenol
Concen: 16.591 ng
RT: 11.157 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

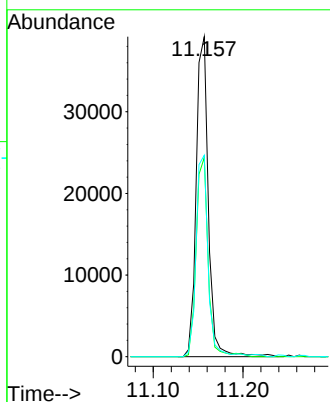
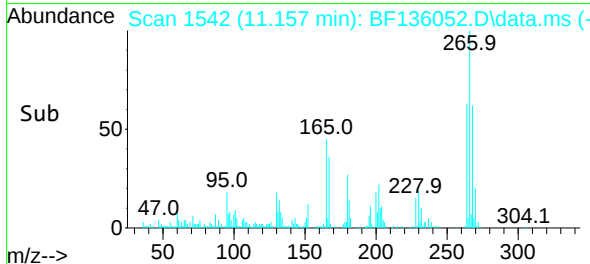
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:266 Resp: 36904
Ion Ratio Lower Upper
266 100
268 62.2 52.2 78.4
264 63.0 52.2 78.4

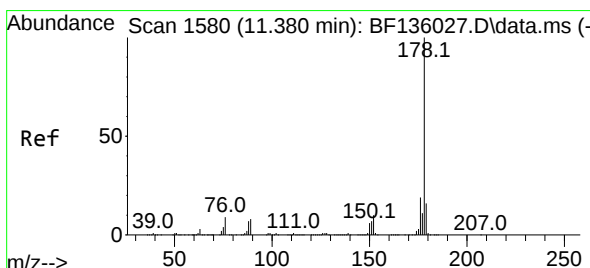
Manual Integrations
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Patel

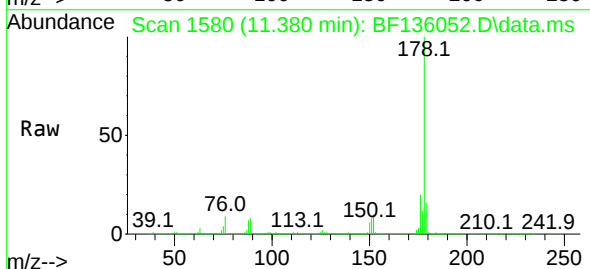


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Supervised By :mohammad
ahmed

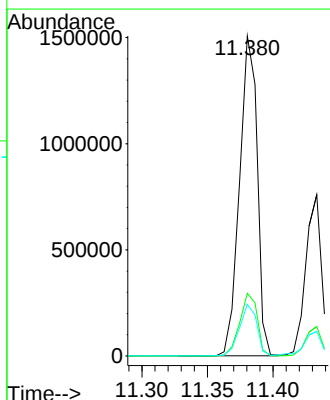
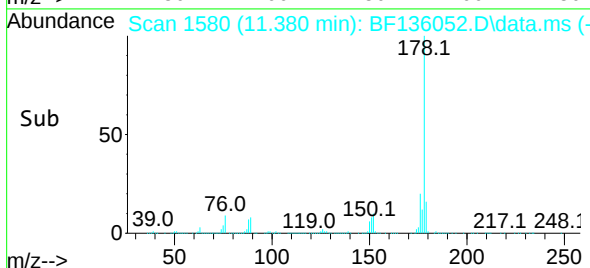
11/01/2023

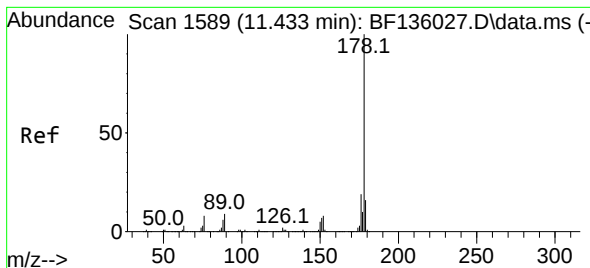


#71
Phenanthrene
Concen: 91.018 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



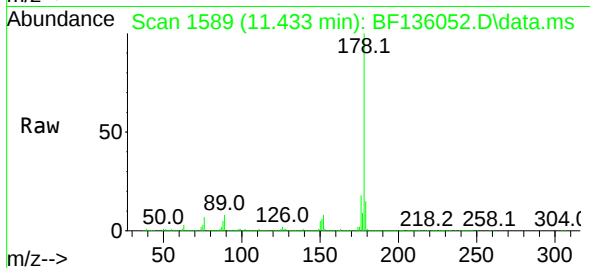
Tgt Ion:178 Resp: 1417517
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.1 12.9 19.3





#72
 Anthracene
 Concen: 39.243 ng
 RT: 11.433 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136052.D
 Acq: 31 Oct 2023 15:32

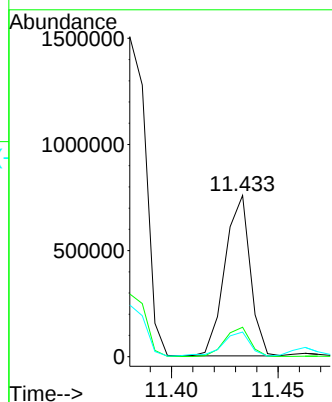
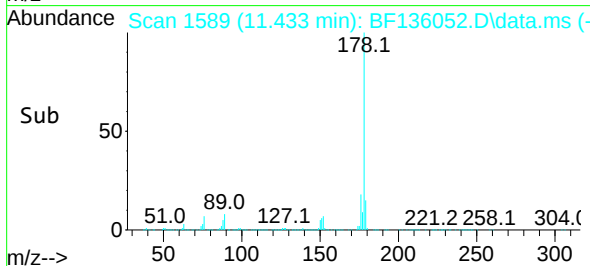
Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)MS



Tgt Ion:178 Resp: 626260
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 15.2 12.6 18.8

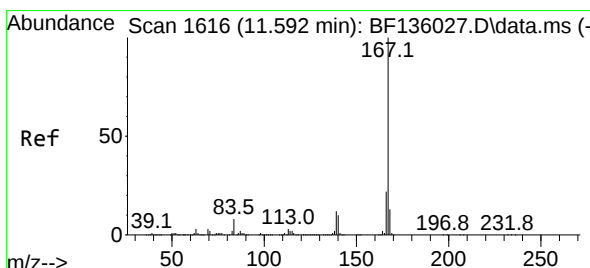
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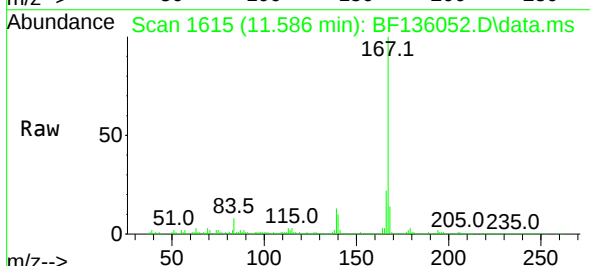


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 Supervised By :mohammad
 ahmed

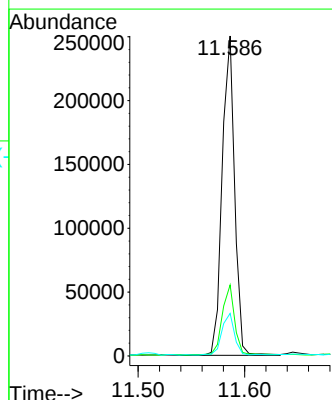
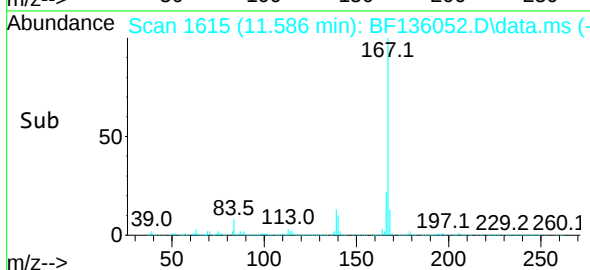
11/01/2023

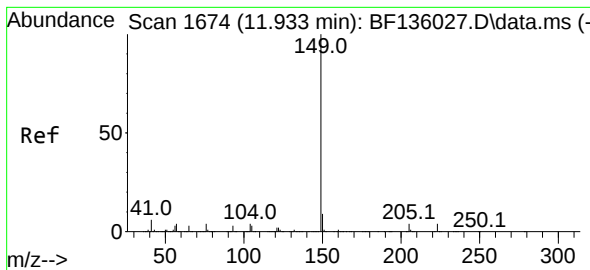


#73
 Carbazole
 Concen: 14.613 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF136052.D
 Acq: 31 Oct 2023 15:32



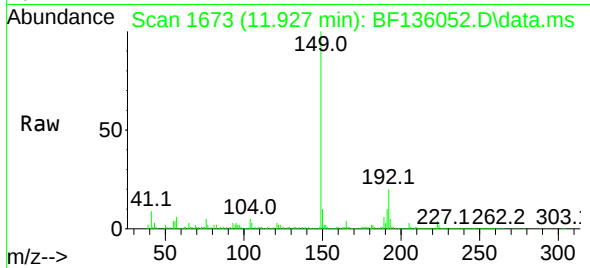
Tgt Ion:167 Resp: 202645
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.2 25.8
 139 13.3 9.9 14.9





#74
Di-n-butylphthalate
Concen: 10.654 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

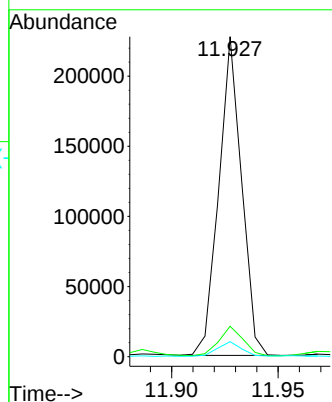
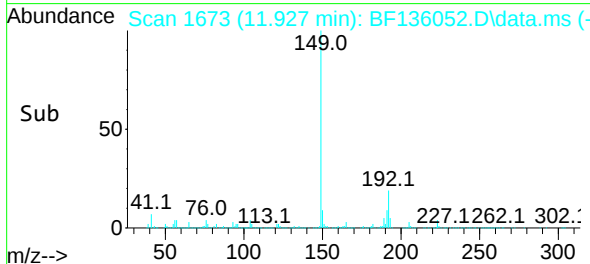
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:149 Resp: 168827
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.7 3.6 5.4

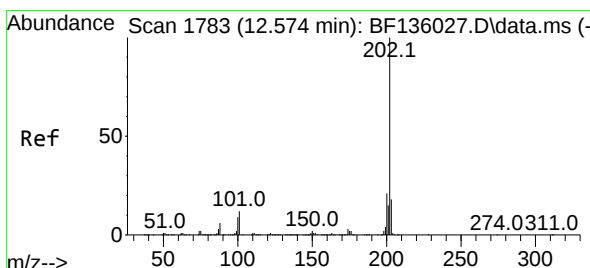
Manual Integrations
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Reviewed By :Yogesh
Patel

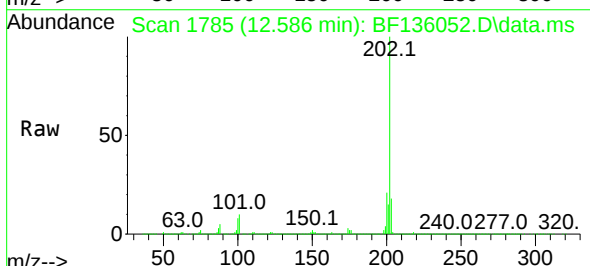


11/01/2023
Supervised By :mohammad
ahmed

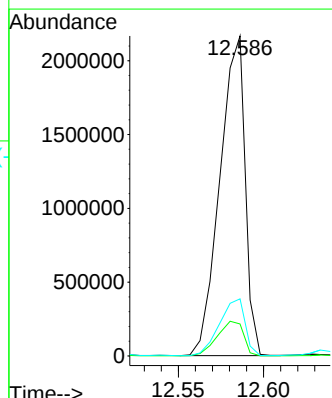
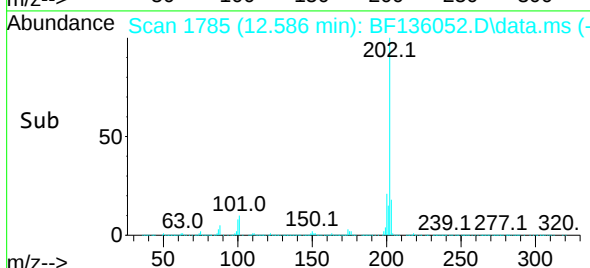
11/01/2023

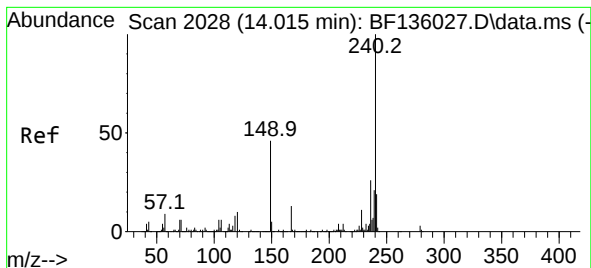


#75
Fluoranthene
Concen: 139.796 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.012 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion:202 Resp: 2236639
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.8
203 17.8 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

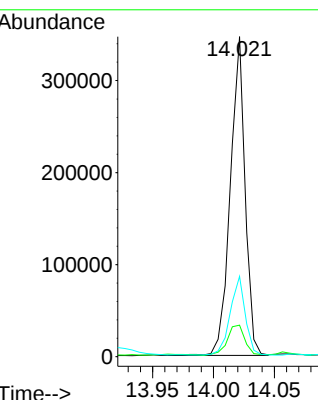
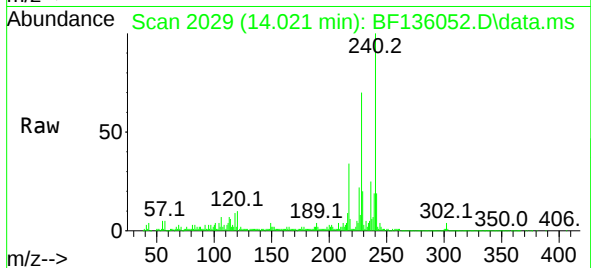
ClientSampleId :

B-1(0-5)MS

Tgt Ion:240 Resp: 291929
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.6 11.4
 236 25.1 20.6 31.0

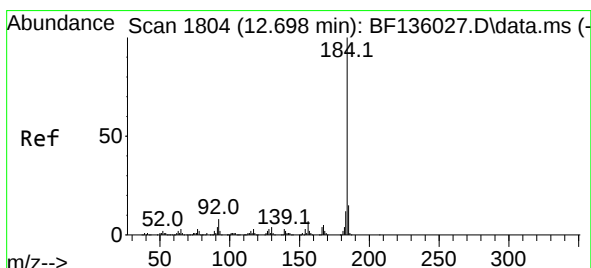
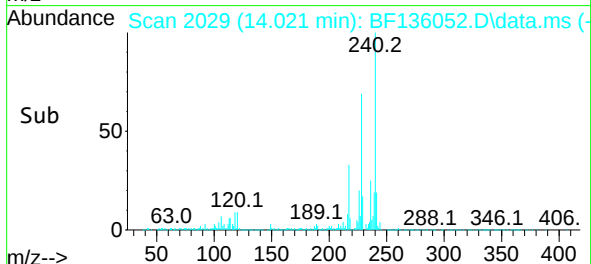
Manual Integrations
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Reviewed By :Yogesh
 Patel



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 Supervised By :mohammad
 ahmed

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#77

Benzidine

Concen: 2.975 ng

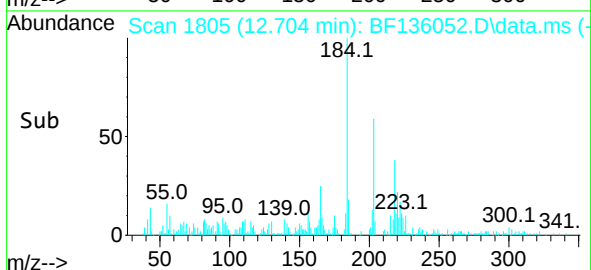
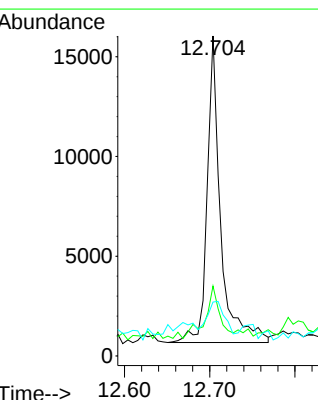
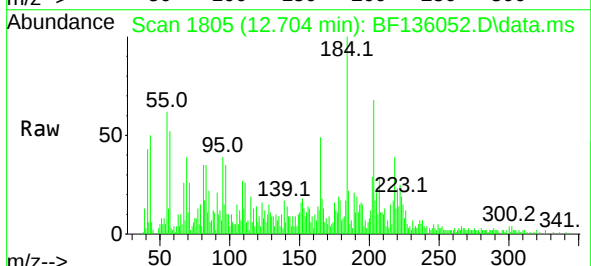
RT: 12.704 min Scan# 1805

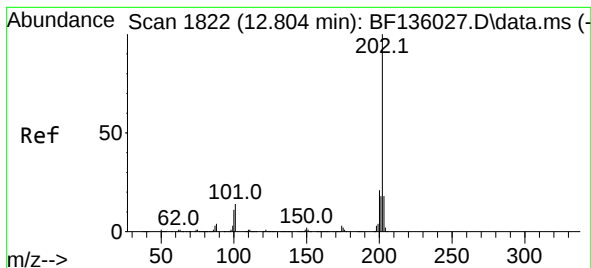
Delta R.T. 0.006 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Tgt Ion:184 Resp: 16929
 Ion Ratio Lower Upper
 184 100
 185 21.8 11.8 17.8#
 183 16.9 9.5 14.3#





#78

Pyrene

Concen: 81.702 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.012 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

ClientSampleId :

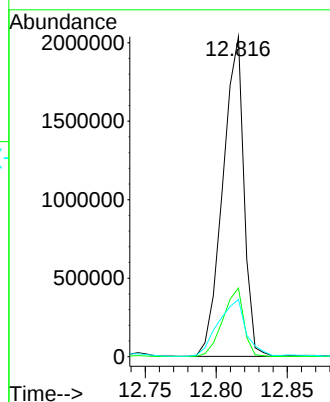
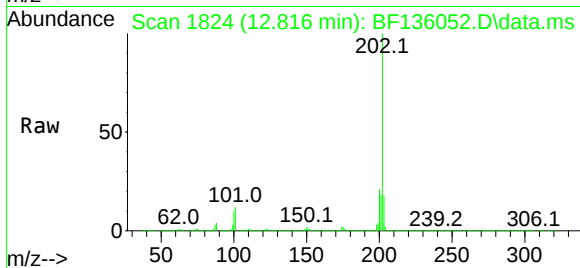
B-1(0-5)MS

Tgt Ion:202 Resp: 2102830

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.9	14.4	21.6

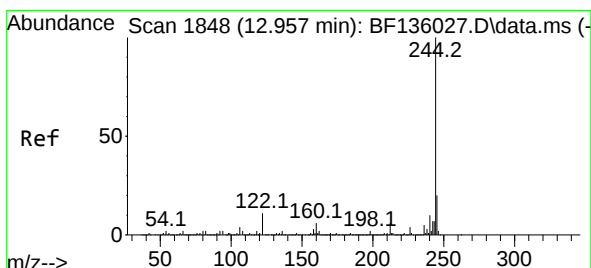
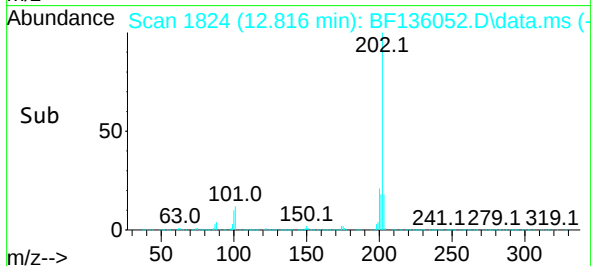
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#79

Terphenyl-d14

Concen: 9.867 ng

RT: 12.951 min Scan# 1847

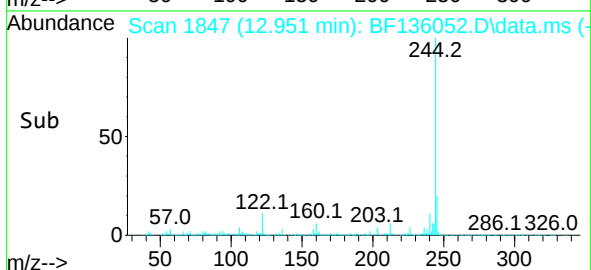
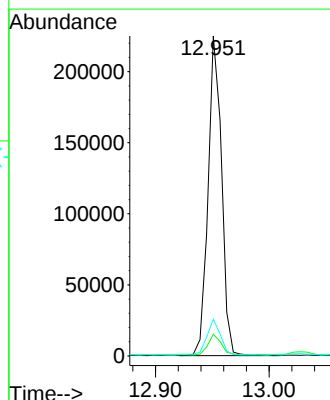
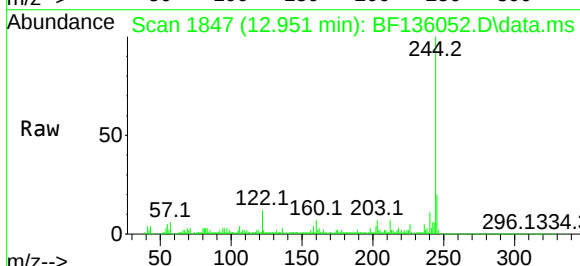
Delta R.T. -0.006 min

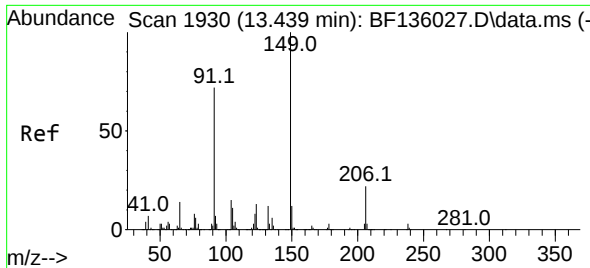
Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Tgt Ion:244 Resp: 185350

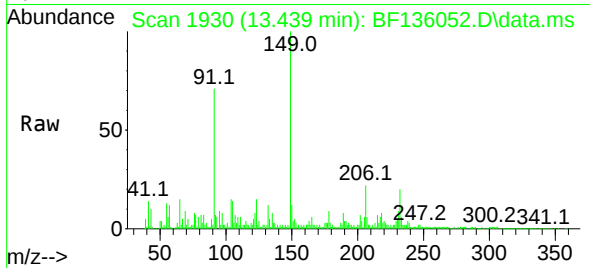
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.5	8.6	12.8





#80
Butylbenzylphthalate
Concen: 8.684 ng
RT: 13.439 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

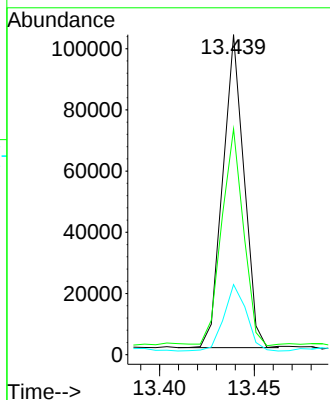
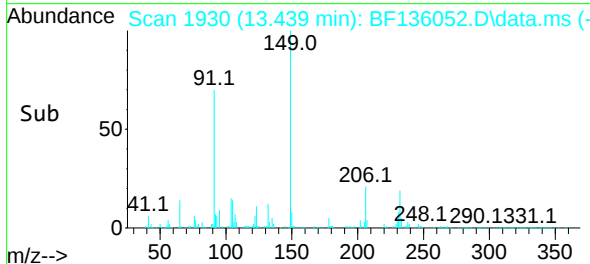
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:149 Resp: 80009
Ion Ratio Lower Upper
149 100
91 70.6 57.6 86.4
206 21.9 17.4 26.0

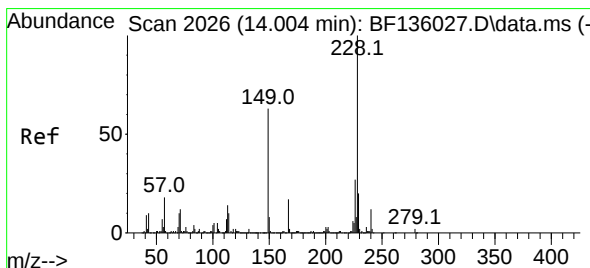
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



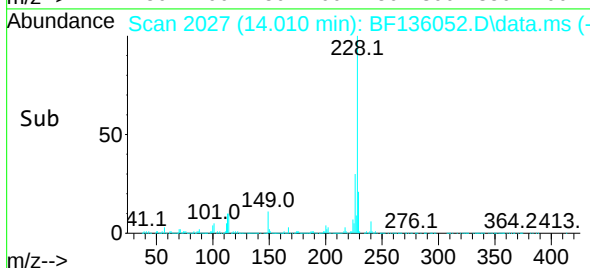
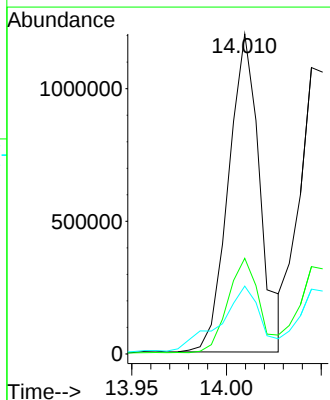
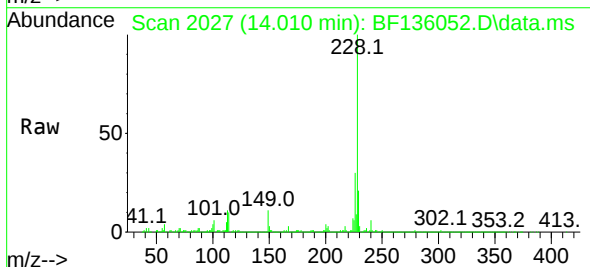
11/01/2023
Supervised By :mohammad
ahmed

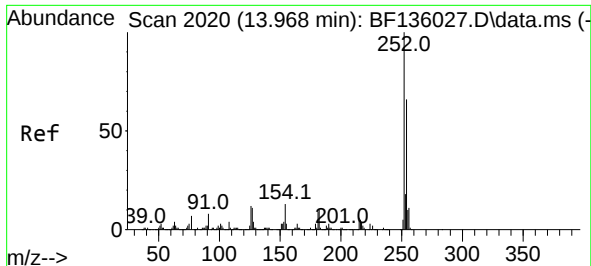
11/01/2023



#81
Benzo(a)anthracene
Concen: 71.806 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Tgt Ion:228 Resp: 1387756
Ion Ratio Lower Upper
228 100
226 29.9 21.5 32.3
229 21.2 15.8 23.6





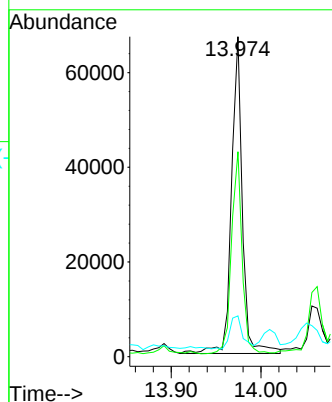
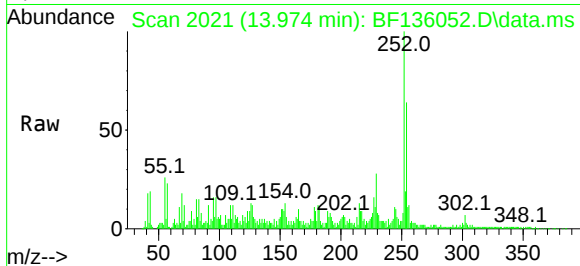
#82
3,3'-Dichlorobenzidine
Concen: 9.145 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS

Tgt Ion:252 Resp: 56409
Ion Ratio Lower Upper
252 100
254 64.1 52.5 78.7
126 12.7 9.4 14.2

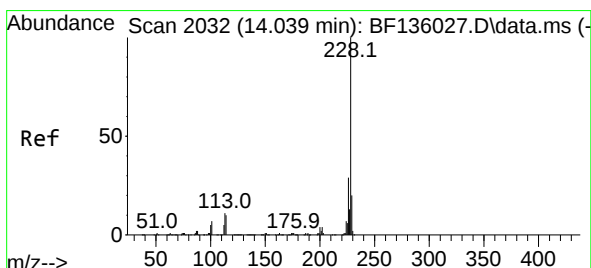
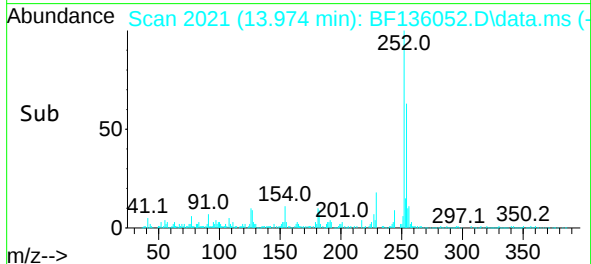
Manual Integrations
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Reviewed By :Yogesh
Patel



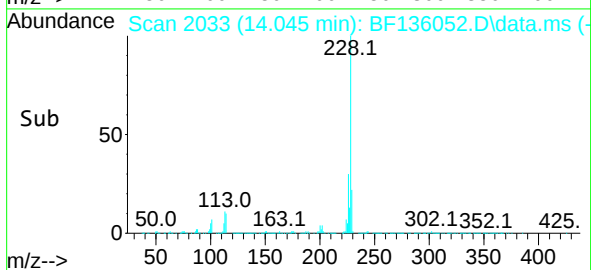
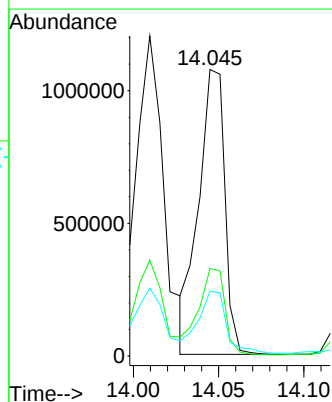
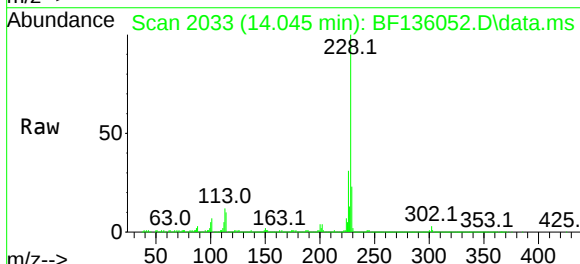
11/01/2023
Supervised By :mohammad
ahmed

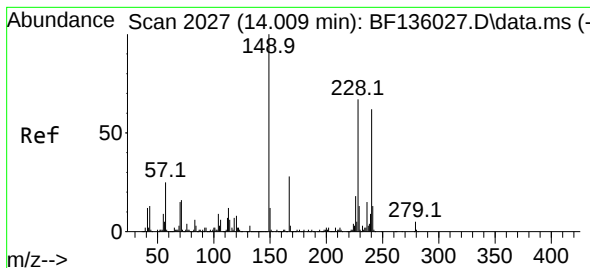
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#83
Chrysene
Concen: 60.582 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

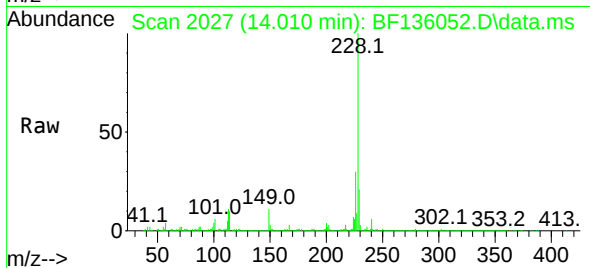
Tgt Ion:228 Resp: 1153071
Ion Ratio Lower Upper
228 100
226 30.5 23.5 35.3
229 22.6 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 10.298 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

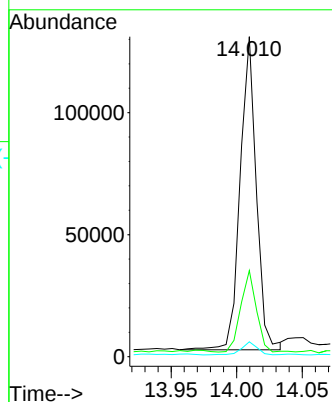
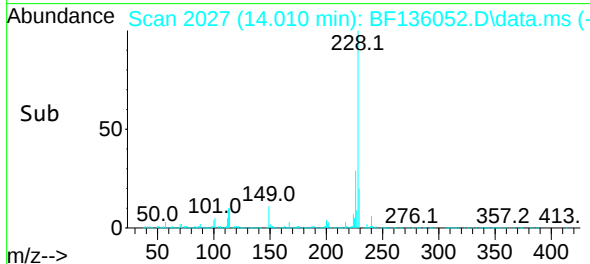
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:149 Resp: 110529
Ion Ratio Lower Upper
149 100
167 26.9 22.6 33.8
279 4.7 4.1 6.1

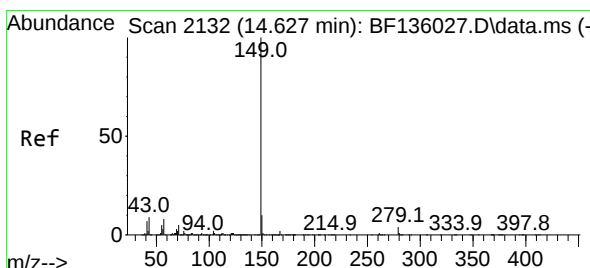
Manual Integrations
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Reviewed By :Yogesh
Patel

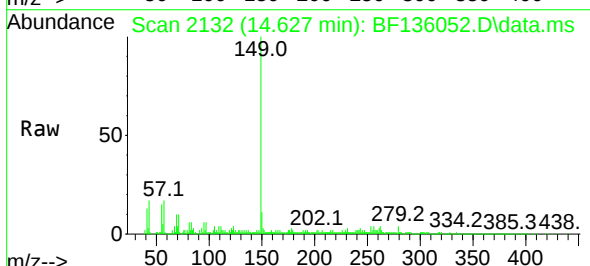


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ahmed

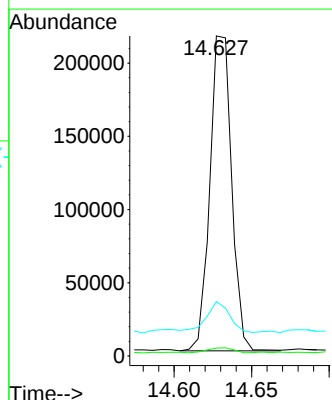
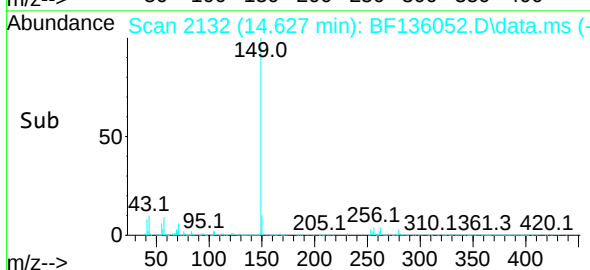
11/01/2023

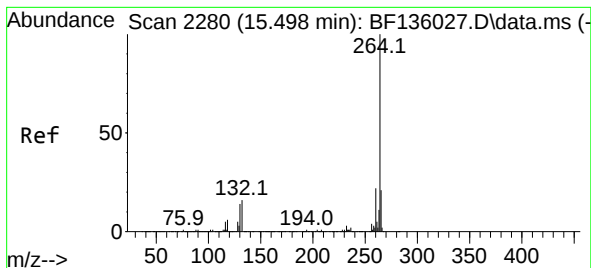


#85
Di-n-octyl phthalate
Concen: 13.087 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion:149 Resp: 210430
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 12.1 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Instrument :

BNA_F

ClientSampleId :

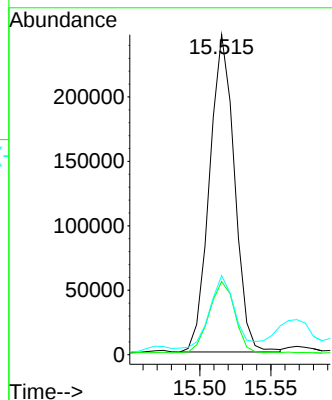
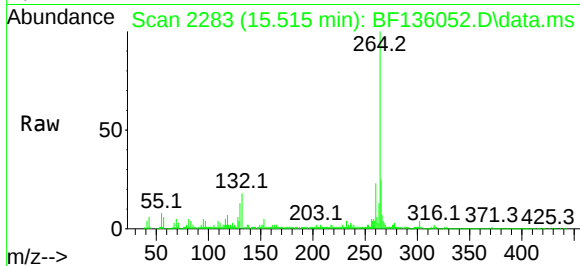
B-1(0-5)MS

Tgt Ion:264 Resp: 300530

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	24.7	16.8	25.2

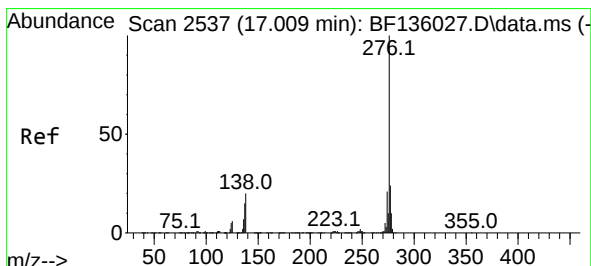
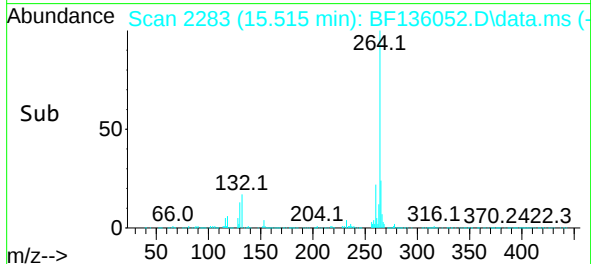
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

11/01/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 33.382 ng

RT: 17.039 min Scan# 2542

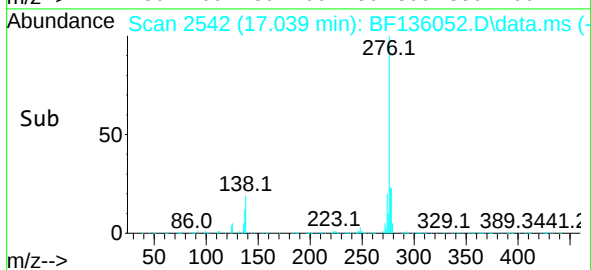
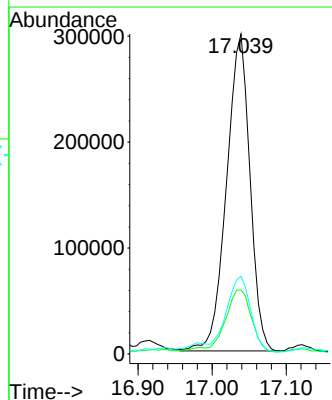
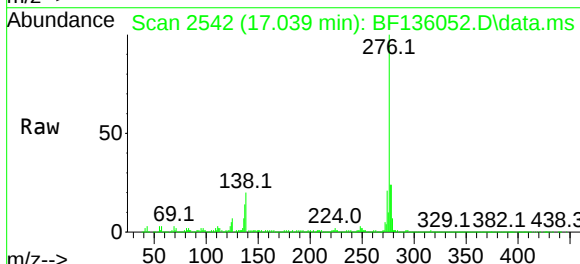
Delta R.T. 0.030 min

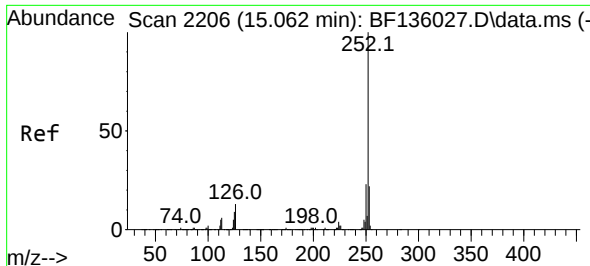
Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Tgt Ion:276 Resp: 655676

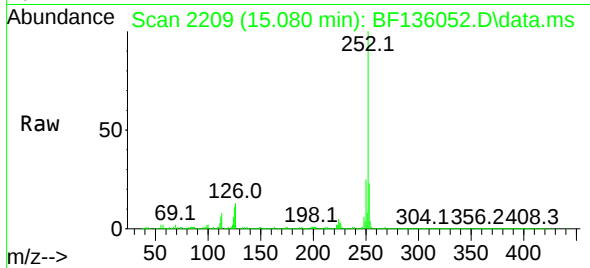
Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.4	30.6
277	24.4	20.2	30.2





#88
Benzo(b)fluoranthene
Concen: 92.545 ng
RT: 15.080 min Scan# 2114
Delta R.T. 0.018 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

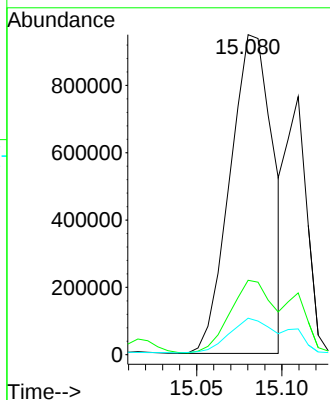
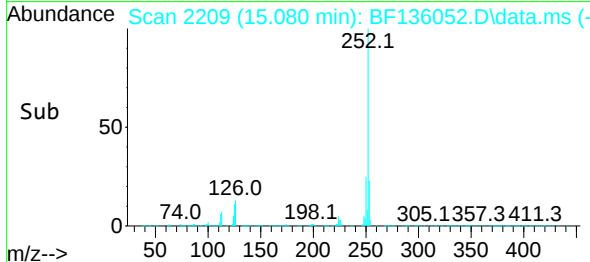
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:252 Resp: 164571
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 11.4 7.5 11.3

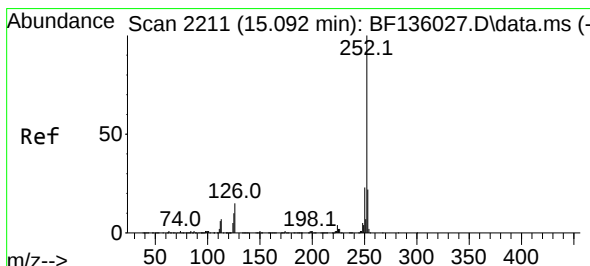
Manual Integrations
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Patel

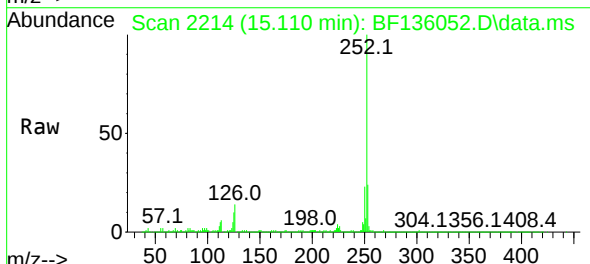


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Supervised By :mohammad
ahmed

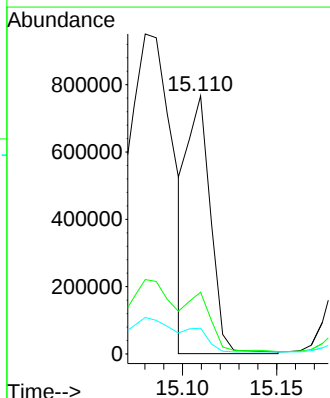
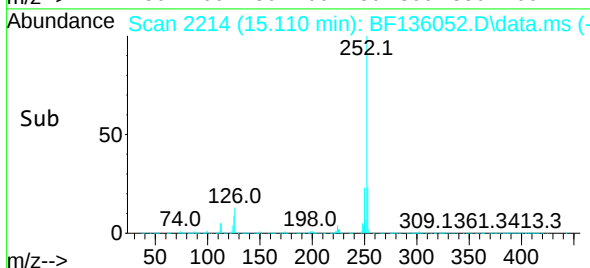
11/01/2023

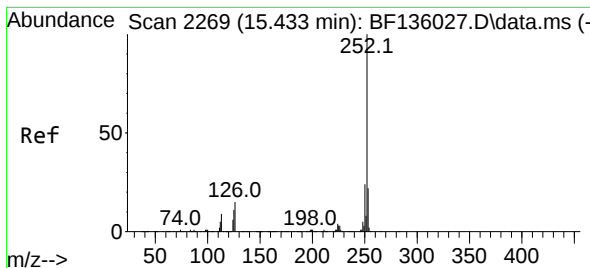


#89
Benzo(k)fluoranthene
Concen: 37.720 ng m
RT: 15.110 min Scan# 2214
Delta R.T. 0.018 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32



Tgt Ion:252 Resp: 663683
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 10.0 8.0 12.0





#90

Benzo(a)pyrene

Concen: 73.203 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

Instrument :

BNF

ClientSampleId :

B-1(0-5)MS

Tgt Ion:252 Resp: 120952

Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

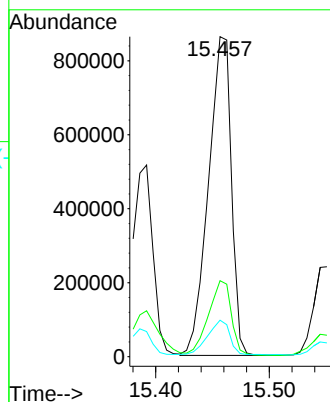
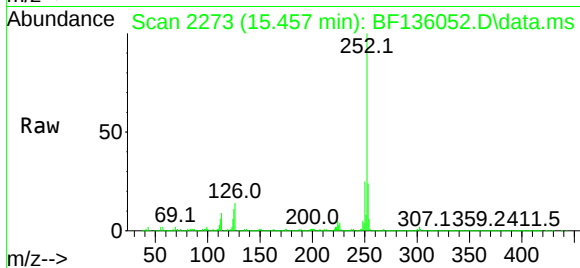
125 11.4 9.0 13.6

Manual Integrations

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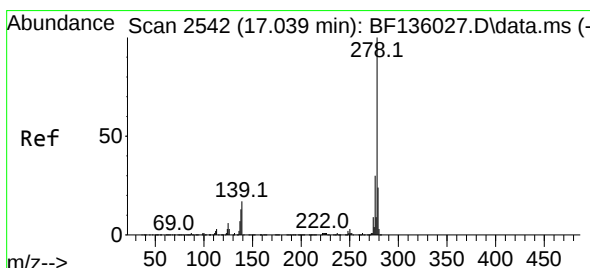
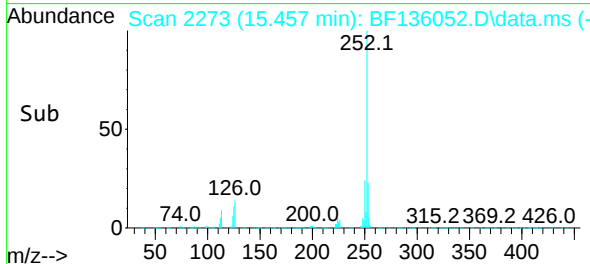
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Supervised By :mohammad
ahmed

11/01/2023



#91

Dibenzo(a,h)anthracene

Concen: 15.278 ng

RT: 17.056 min Scan# 2545

Delta R.T. 0.018 min

Lab File: BF136052.D

Acq: 31 Oct 2023 15:32

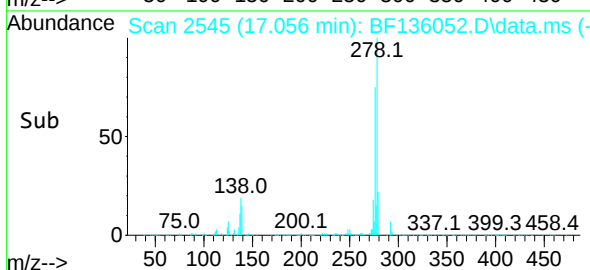
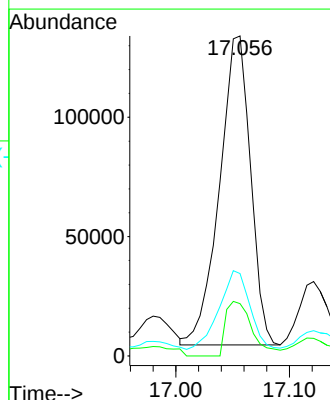
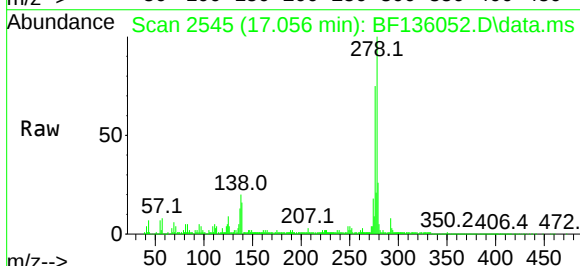
Tgt Ion:278 Resp: 245802

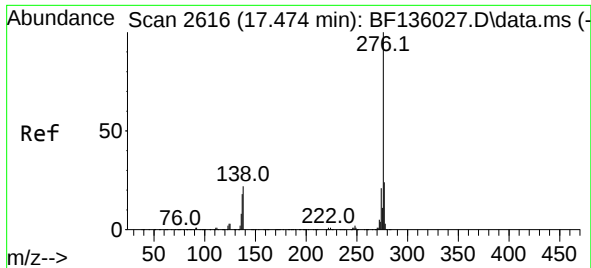
Ion Ratio Lower Upper

278 100

139 16.4 13.7 20.5

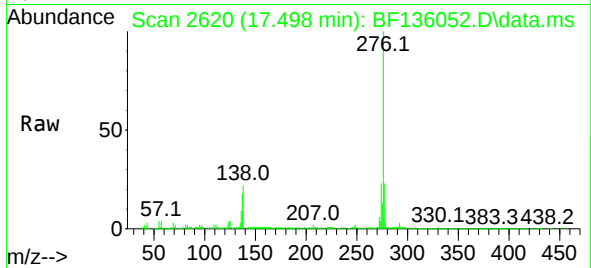
279 25.8 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 31.692 ng
RT: 17.498 min Scan# 20
Delta R.T. 0.024 min
Lab File: BF136052.D
Acq: 31 Oct 2023 15:32

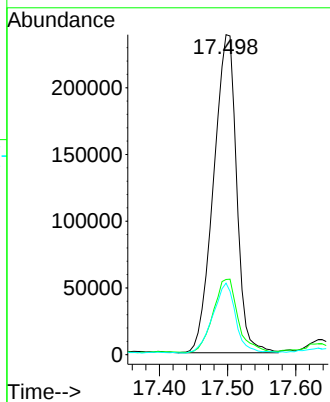
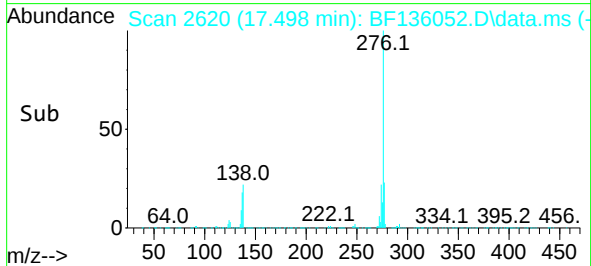
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MS



Tgt Ion:276 Resp: 56134
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 22.4 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



11/01/2023
Supervised By :mohammad
ahmed

11/01/2023