

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136395.D
 Acq On : 04 Dec 2023 22:12
 Operator : CG\JU
 Sample : 05576-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-112923MS

Quant Time: Dec 05 00:38:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 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	6.804	152	118784	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	461279	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	200846	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	316919	20.000	ng	0.00
76) Chrysene-d12	13.986	240	231653	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	179603	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	779746	91.367	ng	0.00
7) Phenol-d6	6.445	99	953091	89.316	ng	0.00
23) Nitrobenzene-d5	7.369	82	581190	66.580	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	212398	86.499	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1135514	72.214	ng	0.00
79) Terphenyl-d14	12.927	244	1056319	52.598	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	114943	35.596	ng	96
3) Pyridine	3.398	79	274040	34.379	ng	96
4) n-Nitrosodimethylamine	3.363	42	136174	33.796	ng	86
6) Aniline	6.469	93	164328	16.293	ng	96
8) 2-Chlorophenol	6.592	128	353568	38.049	ng	93
9) Benzaldehyde	6.357	77	152933	25.714	ng	95
10) Phenol	6.463	94	416117	36.348	ng	97
11) bis(2-Chloroethyl)ether	6.545	93	329060	39.181	ng	94
12) 1,3-Dichlorobenzene	6.745	146	377561	35.803	ng	98
13) 1,4-Dichlorobenzene	6.822	146	384168	35.835	ng	97
14) 1,2-Dichlorobenzene	6.975	146	363309	35.798	ng	97
15) Benzyl Alcohol	6.951	79	291052	38.902	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	421004	36.090	ng	94
17) 2-Methylphenol	7.063	107	271923	37.222	ng	98
18) Hexachloroethane	7.310	117	115332	30.671	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	232806	36.478	ng	93
20) 3+4-Methylphenols	7.216	107	339845	35.794	ng	96
22) Acetophenone	7.210	105	497679	41.081	ng	93
24) Nitrobenzene	7.386	77	334482	37.811	ng	93
25) Isophorone	7.622	82	625877	39.763	ng	98
26) 2-Nitrophenol	7.698	139	158442	42.037	ng	99
27) 2,4-Dimethylphenol	7.739	122	261584	52.729	ng	93
28) bis(2-Chloroethoxy)met...	7.833	93	393900	41.373	ng	96
29) 2,4-Dichlorophenol	7.939	162	276696	41.351	ng	94
30) 1,2,4-Trichlorobenzene	8.022	180	315014	38.452	ng	96
31) Naphthalene	8.104	128	999762	38.560	ng	97
32) Benzoic acid	7.863	122	187597	41.492	ng	97
33) 4-Chloroaniline	8.163	127	75012	8.511	ng	96
34) Hexachlorobutadiene	8.222	225	183834	38.356	ng	99
35) Caprolactam	8.522	113	85516m	45.716	ng	
36) 4-Chloro-3-methylphenol	8.639	107	271142	37.362	ng	96
37) 2-Methylnaphthalene	8.798	142	613357	37.712	ng	96
38) 1-Methylnaphthalene	8.898	142	583448	36.774	ng	93
40) 1,2,4,5-Tetrachloroben...	8.963	216	298148	46.644	ng	98
41) Hexachlorocyclopentadiene	8.945	237	48588	19.755	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	176598	42.566	ng	91

12/05/2023
 Supervised By :mohammad
 Ahmed

12/05/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.116	196	180084	39.775	ng	95	12/05/2023
46) 1,1'-Biphenyl	9.263	154	781872	44.145	ng	98	Supervised By :mohammad
47) 2-Chloronaphthalene	9.286	162	555740	40.404	ng	95	ahmed
48) 2-Nitroaniline	9.386	65	154548	43.037	ng	# 78	
49) Acenaphthylene	9.704	152	833458	42.461	ng	98	
50) Dimethylphthalate	9.563	163	673339	44.356	ng	97	
51) 2,6-Dinitrotoluene	9.627	165	125862	40.585	ng	93	12/05/2023
52) Acenaphthene	9.875	154	495268	39.927	ng	95	
53) 3-Nitroaniline	9.792	138	98099	31.880	ng	98	
54) 2,4-Dinitrophenol	9.904	184	19329	13.401	ng	# 89	
55) Dibenzofuran	10.045	168	732710	39.696	ng	98	
56) 4-Nitrophenol	9.963	139	181696	77.744	ng	89	
57) 2,4-Dinitrotoluene	10.033	165	150072	36.227	ng	98	
58) Fluorene	10.392	166	553209	38.210	ng	95	
59) 2,3,4,6-Tetrachlorophenol	10.163	232	135170	37.522	ng	99	
60) Diethylphthalate	10.269	149	620860	40.886	ng	96	
61) 4-Chlorophenyl-phenyle...	10.386	204	275500	39.183	ng	95	
62) 4-Nitroaniline	10.410	138	112117	37.223	ng	93	
63) Azobenzene	10.545	77	503989	35.800	ng	94	
65) 4,6-Dinitro-2-methylph...	10.439	198	14379	8.297	ng	86	
66) n-Nitrosodiphenylamine	10.504	169	470790	46.355	ng	97	
67) 4-Bromophenyl-phenylether	10.874	248	159391	43.109	ng	96	
68) Hexachlorobenzene	10.939	284	170127	39.757	ng	96	
69) Atrazine	11.033	200	148763	49.378	ng	95	
70) Pentachlorophenol	11.133	266	183168	75.725	ng	96	
71) Phenanthrene	11.357	178	899908	50.522	ng	98	
72) Anthracene	11.410	178	773913	43.326	ng	98	
73) Carbazole	11.563	167	654512	43.082	ng	99	
74) Di-n-butylphthalate	11.904	149	877526	46.164	ng	98	
75) Fluoranthene	12.551	202	1017696	56.281	ng	95	
77) Benzidine	12.674	184	162249	42.608	ng	98	
78) Pyrene	12.780	202	998459	39.356	ng	97	
80) Butylbenzylphthalate	13.410	149	336825	42.659	ng	95	
81) Benzo(a)anthracene	13.980	228	784191	45.575	ng	98	
82) 3,3'-Dichlorobenzidine	13.939	252	156517	37.789	ng	95	
83) Chrysene	14.015	228	759870	45.738	ng	98	
84) Bis(2-ethylhexyl)phtha...	13.974	149	483947	51.071	ng	# 98	
85) Di-n-octyl phthalate	14.592	149	860158	55.042	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.986	276	483806	36.705	ng	99	
88) Benzo(b)fluoranthene	15.039	252	634540	50.358	ng	97	
89) Benzo(k)fluoranthene	15.068	252	512598	42.832	ng	97	
90) Benzo(a)pyrene	15.409	252	477550	46.361	ng	97	
91) Dibenzo(a,h)anthracene	17.003	278	371606	35.252	ng	98	
92) Benzo(g,h,i)perylene	17.445	276	383149	35.934	ng	99	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

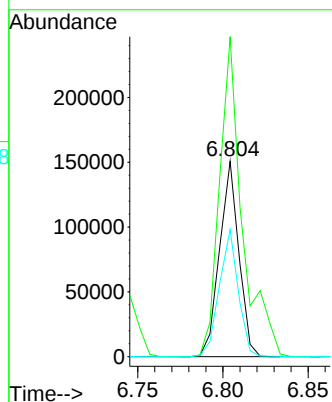
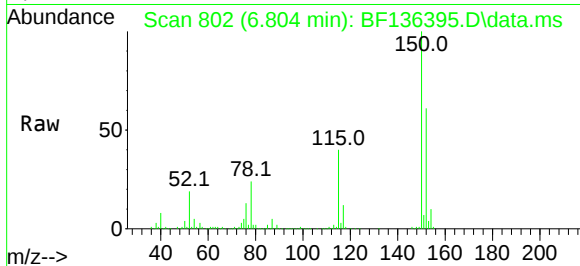
ClientSampleId :

TR-04-112923MS

Tgt Ion:152 Resp: 118784
Ion Ratio Lower Upper
152 100
150 163.8 137.8 206.8
115 65.1 52.7 79.1

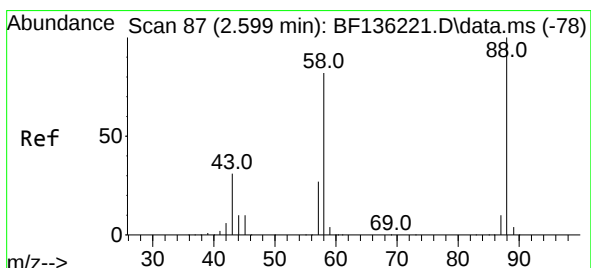
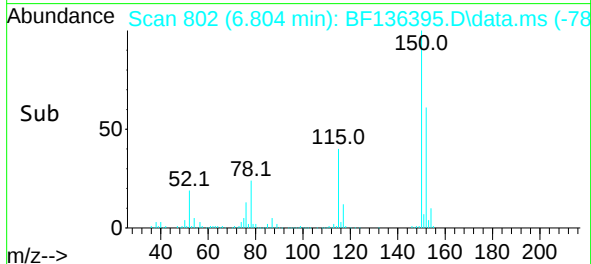
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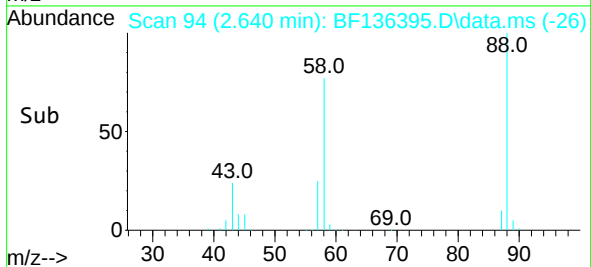
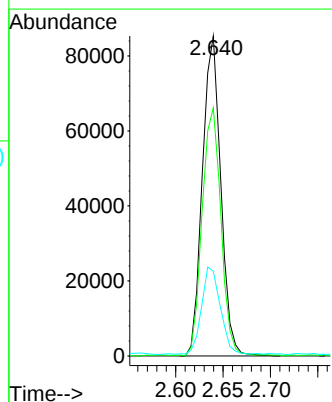
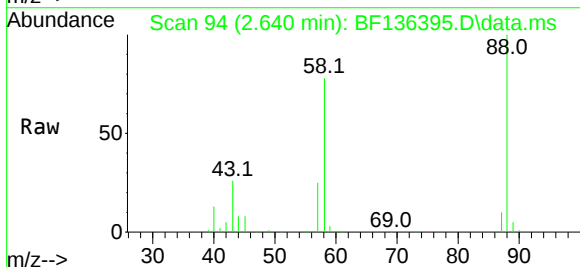
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Supervised By :mohammad
ahmed

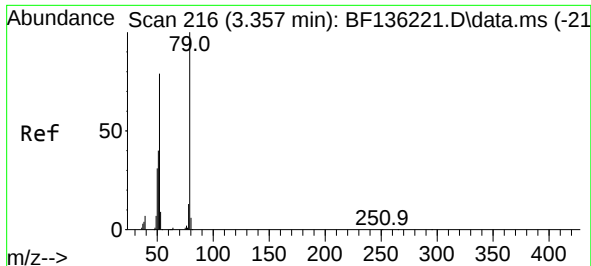
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#2
1,4-Dioxane
Concen: 35.596 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.047 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion: 88 Resp: 114943
Ion Ratio Lower Upper
88 100
58 79.8 65.9 98.9
43 27.8 24.8 37.2





#3
Pyridine
Concen: 34.379 ng
RT: 3.398 min Scan# 216
Delta R.T. 0.047 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

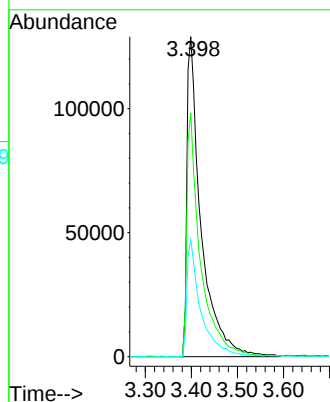
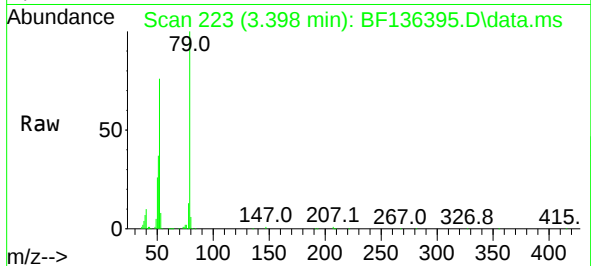
ClientSampleId :

TR-04-112923MS

Tgt Ion: 79 Resp: 274040
Ion Ratio Lower Upper
79 100
52 76.2 63.2 94.8
51 36.6 32.6 49.0

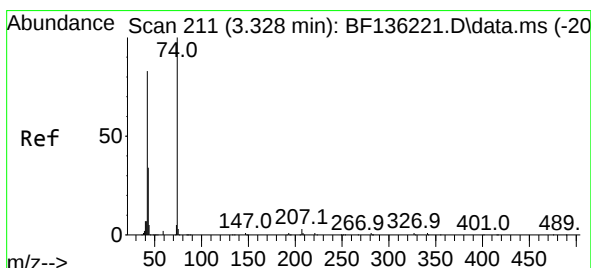
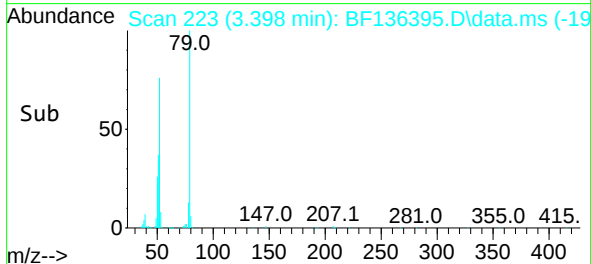
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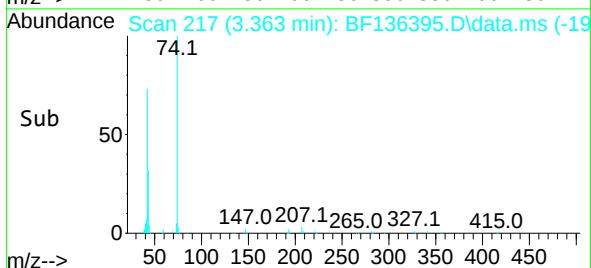
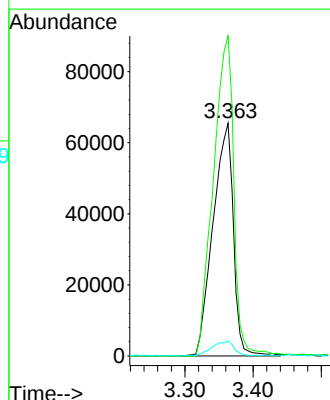
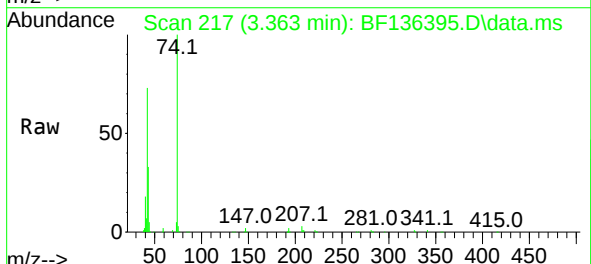
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ahmed

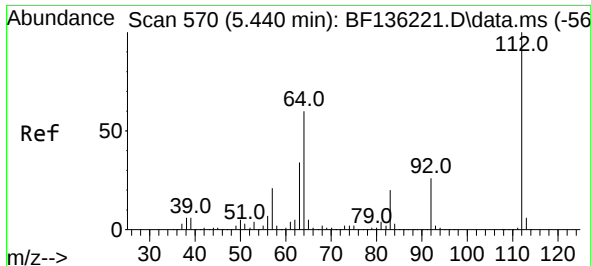
12/05/2023



#4
n-Nitrosodimethylamine
Concen: 33.796 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.035 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion: 42 Resp: 136174
Ion Ratio Lower Upper
42 100
74 137.5 96.6 144.8
44 6.4 5.4 8.2





#5
2-Fluorophenol
Concen: 91.367 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

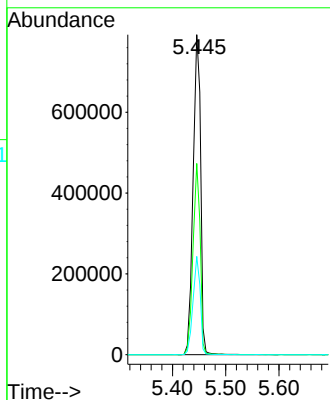
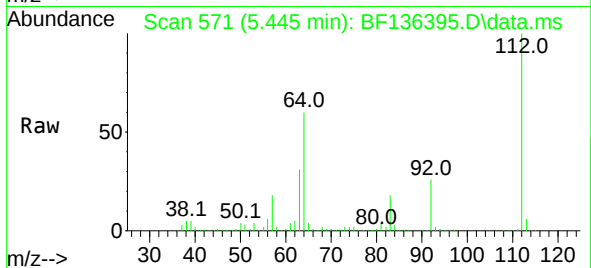
ClientSampleId :

TR-04-112923MS

Tgt Ion:112 Resp: 779740
Ion Ratio Lower Upper
112 100
64 59.8 48.2 72.4
63 30.7 27.0 40.6

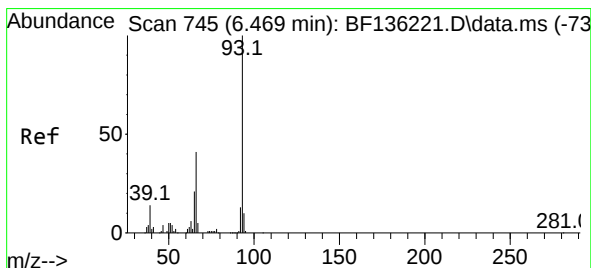
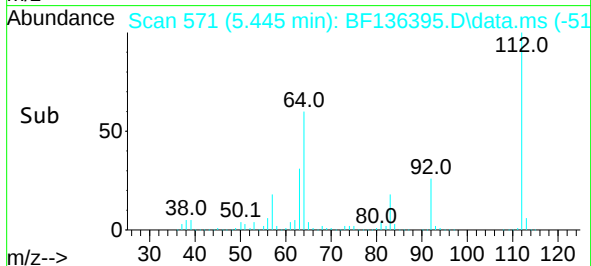
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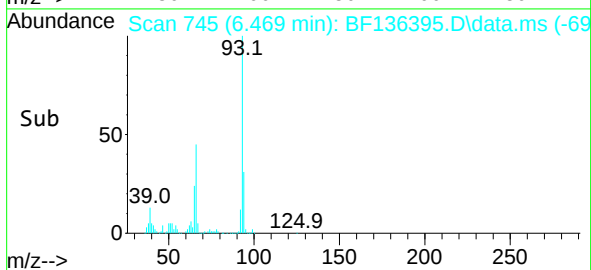
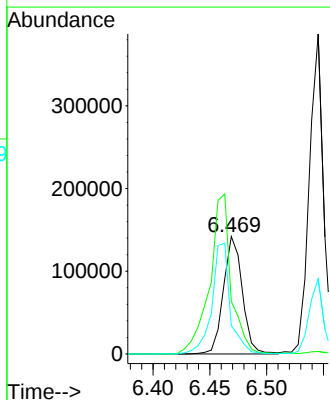
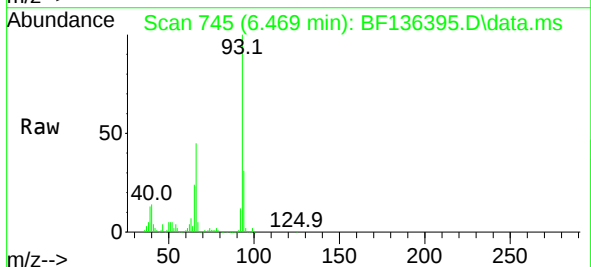
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#6
Aniline
Concen: 16.293 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion: 93 Resp: 164328
Ion Ratio Lower Upper
93 100
66 44.7 34.1 51.1
65 24.1 17.3 25.9





#7

Phenol-d6

Concen: 89.316 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF136395.D

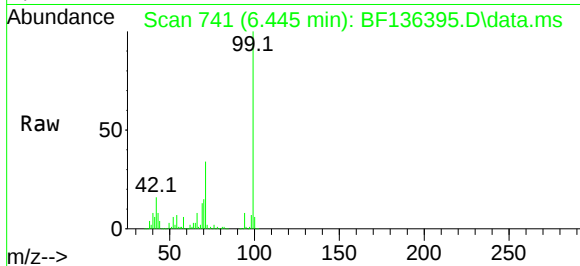
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

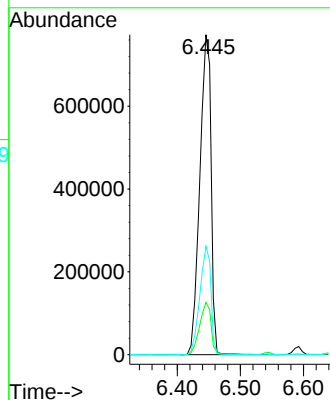
TR-04-112923MS



Tgt Ion:	99	Resp:	95309
Ion	Ratio	Lower	Upper
99	100		
42	16.4	15.0	22.6
71	33.8	28.9	43.3

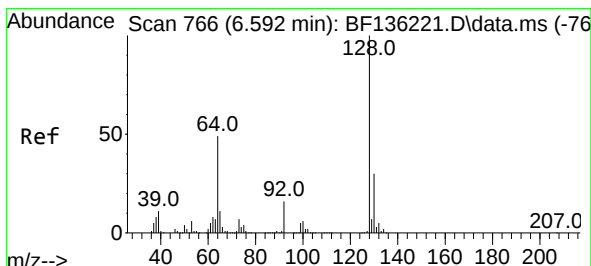
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#8

2-Chlorophenol

Concen: 38.049 ng

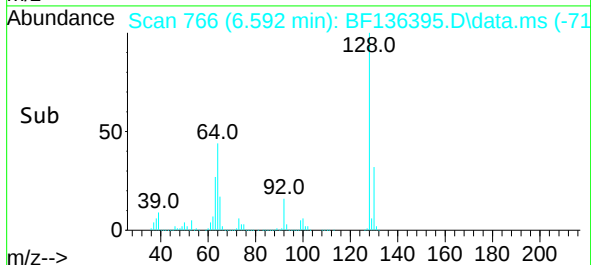
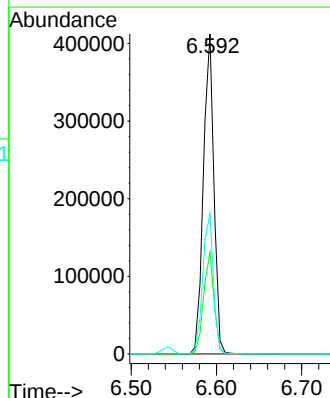
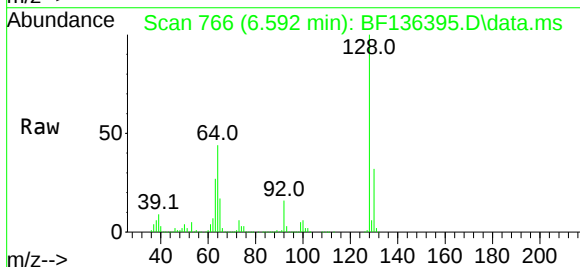
RT: 6.592 min Scan# 766

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

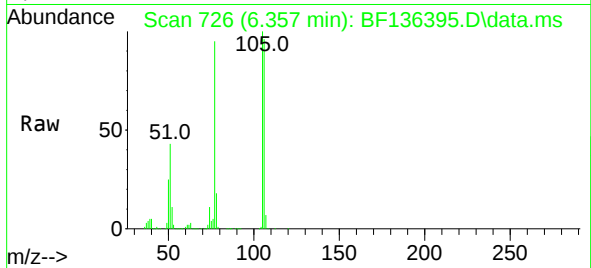
Tgt Ion:	128	Resp:	353568
Ion	Ratio	Lower	Upper
128	100		
130	31.8	10.3	50.3
64	43.8	30.0	70.0





#9
Benzaldehyde
Concen: 25.714 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

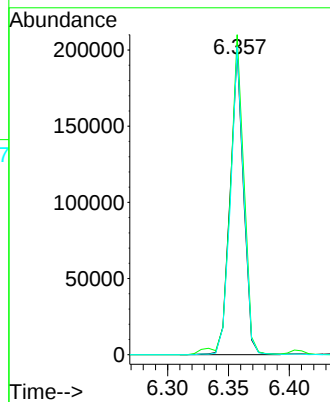
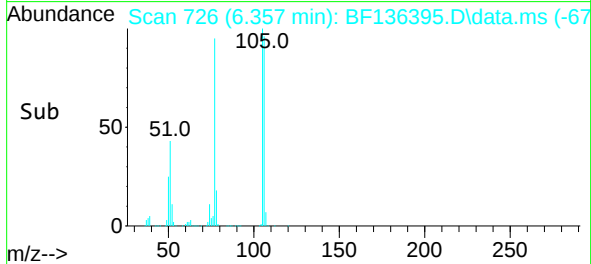
Instrument :
BNA_F
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TR-04-112923MS



Tgt Ion: 77 Resp: 152933
Ion Ratio Lower Upper
77 100
105 104.7 84.3 124.3
106 100.8 71.0 111.0

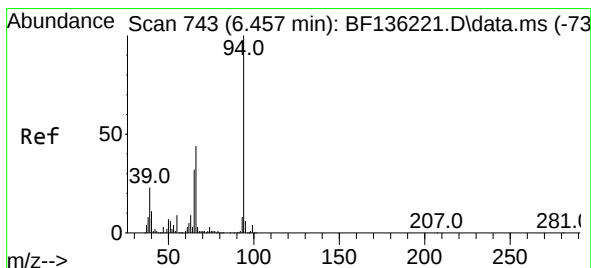
Manual Integrations
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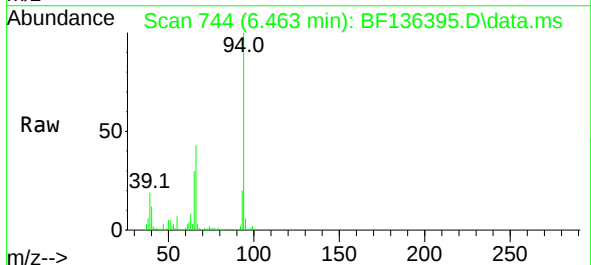


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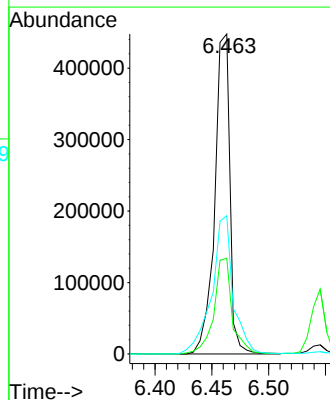
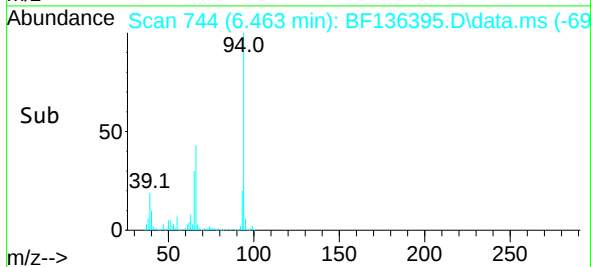
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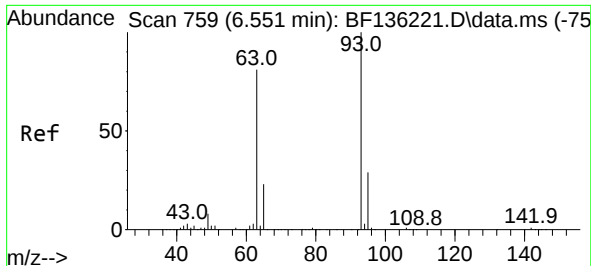


#10
Phenol
Concen: 36.348 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



Tgt Ion: 94 Resp: 416117
Ion Ratio Lower Upper
94 100
65 29.9 12.5 52.5
66 43.2 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 39.181 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

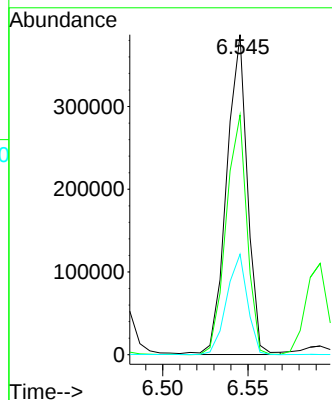
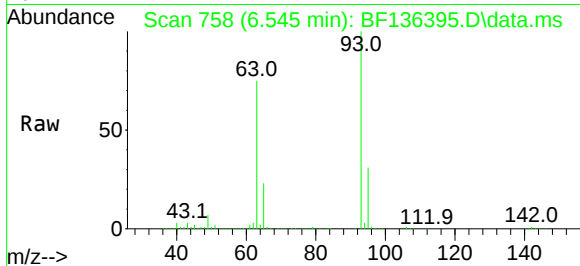
ClientSampleId :

TR-04-112923MS

Tgt Ion: 93 Resp: 329060
Ion Ratio Lower Upper
93 100
63 74.9 60.2 100.2
95 31.4 9.1 49.1

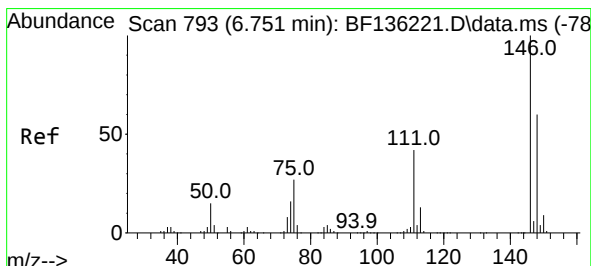
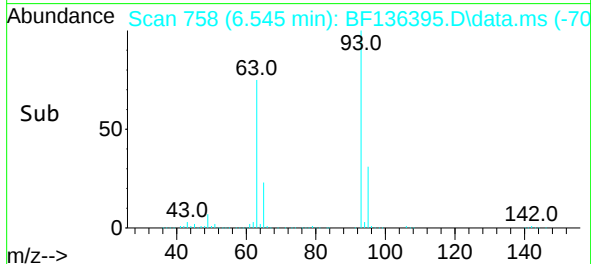
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Reviewed By :Yogesh
Patel



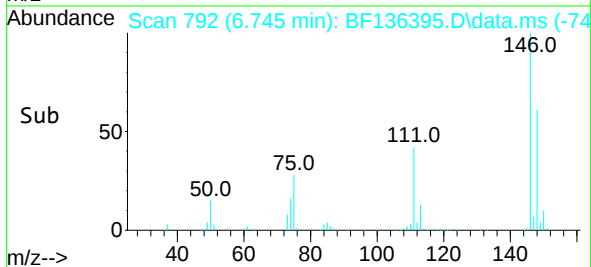
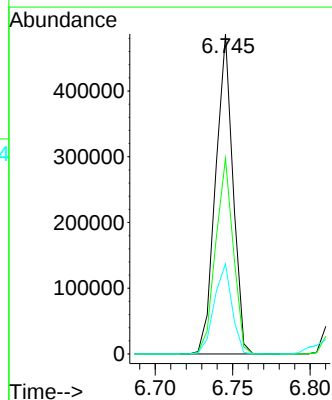
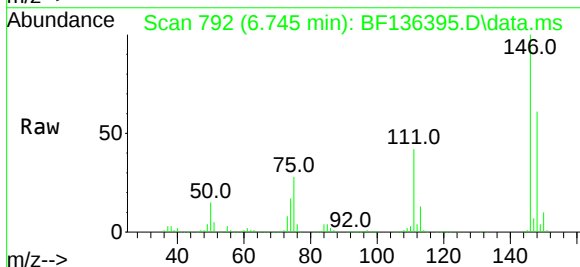
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Supervised By :mohammad
ahmed

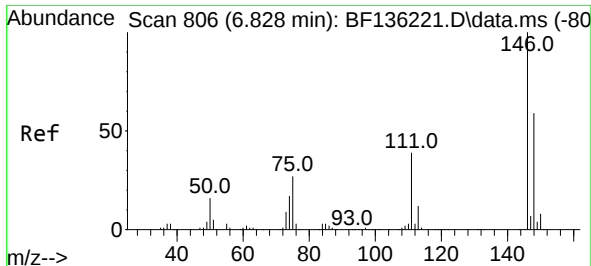
12/05/2023



#12
1,3-Dichlorobenzene
Concen: 35.803 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:146 Resp: 377561
Ion Ratio Lower Upper
146 100
148 61.1 47.8 71.6
75 28.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 35.835 ng

RT: 6.822 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

TR-04-112923MS

Tgt Ion:146 Resp: 38416

Ion Ratio Lower Upper

146 100

148 61.0 47.0 70.6

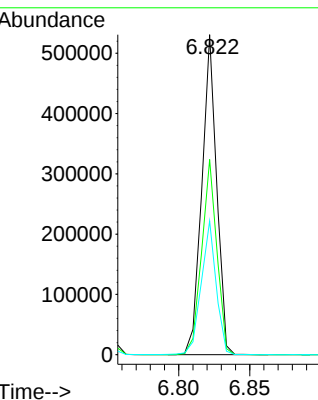
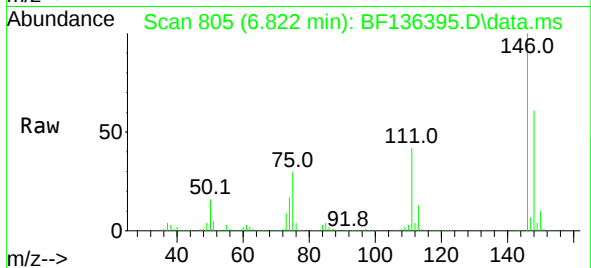
111 41.8 31.5 47.3

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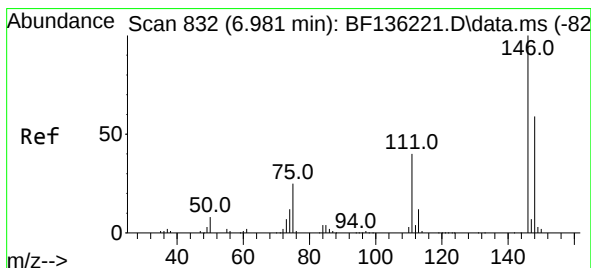
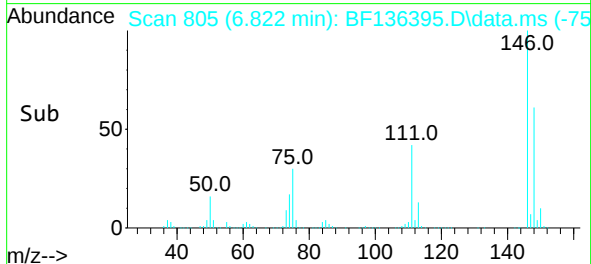
Patel



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ahmed

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#14

1,2-Dichlorobenzene

Concen: 35.798 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

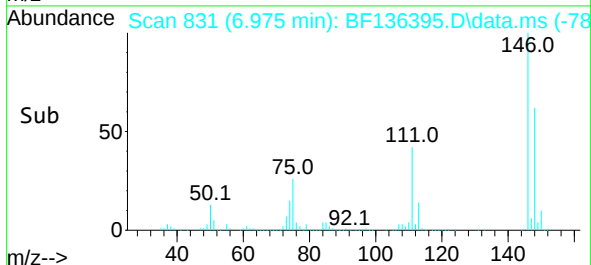
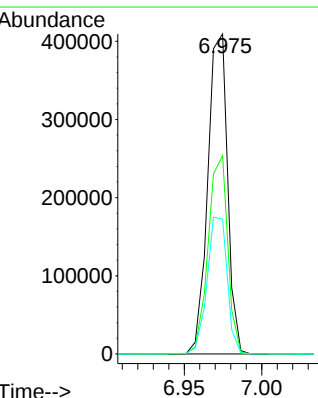
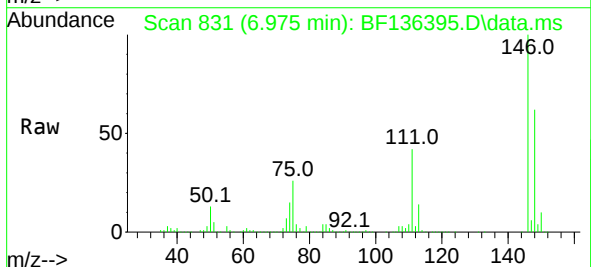
Tgt Ion:146 Resp: 363309

Ion Ratio Lower Upper

146 100

148 62.0 47.3 70.9

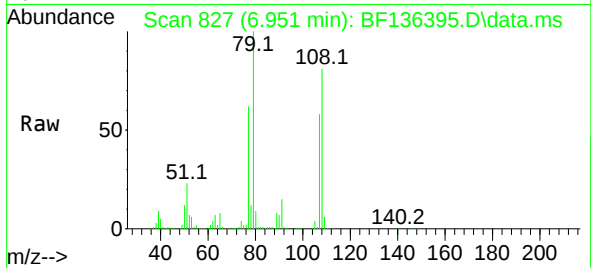
111 42.1 32.4 48.6





#15
Benzyl Alcohol
Concen: 38.902 ng
RT: 6.951 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

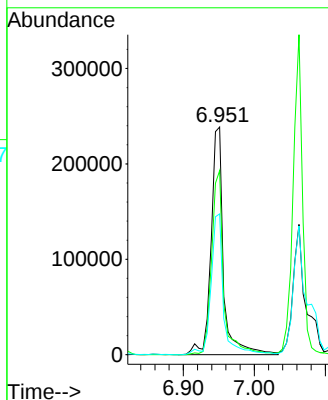
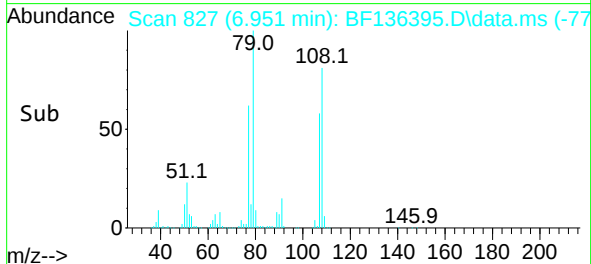
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion: 79 Resp: 291052
Ion Ratio Lower Upper
79 100
108 80.9 58.1 87.1
77 61.9 51.8 77.8

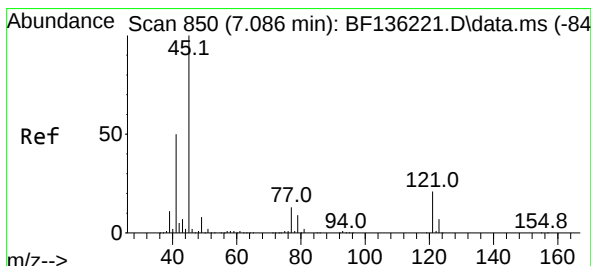
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Patel



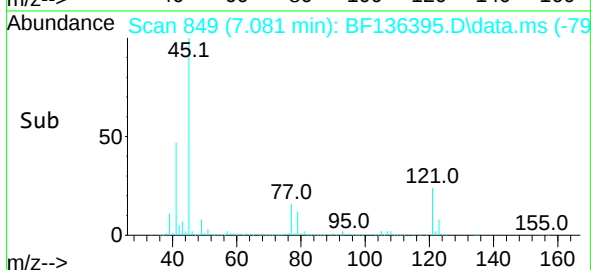
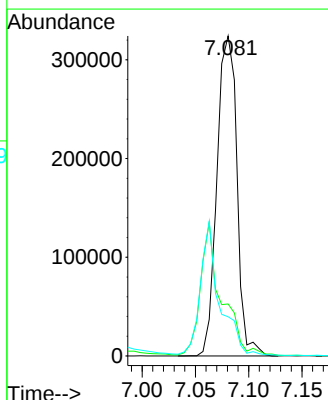
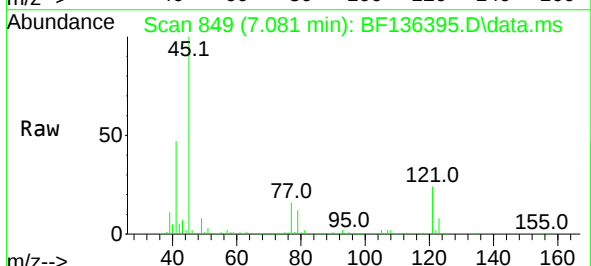
12/05/2023
Supervised By :mohammad
ahmed

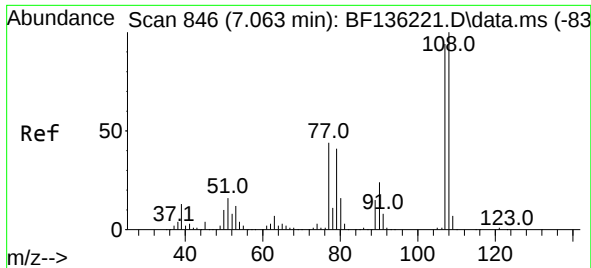
12/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.090 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

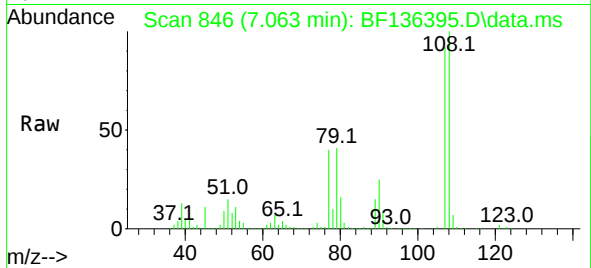
Tgt Ion: 45 Resp: 421004
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.0
79 12.3 0.0 30.1





#17
2-Methylphenol
Concen: 37.222 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

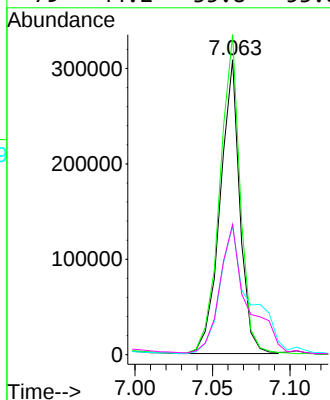
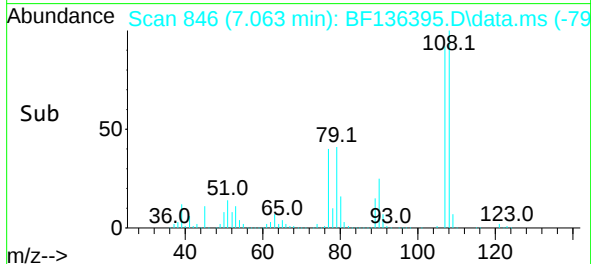
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:107 Resp: 27192
Ion Ratio Lower Upper
107 100
108 108.5 85.4 128.0
77 43.7 37.4 56.2
79 44.2 35.8 53.8

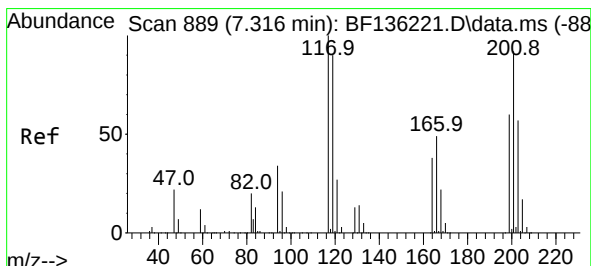
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Reviewed By :Yogesh
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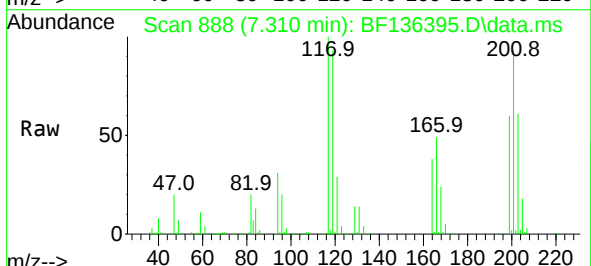


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Supervised By :mohammad
ahmed

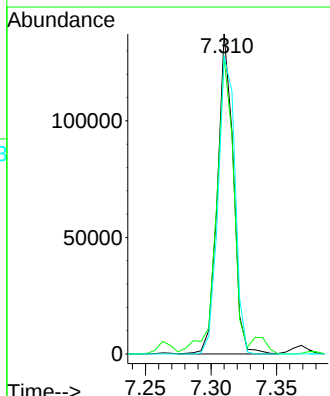
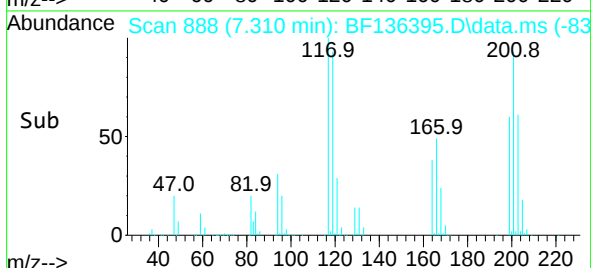
12/05/2023

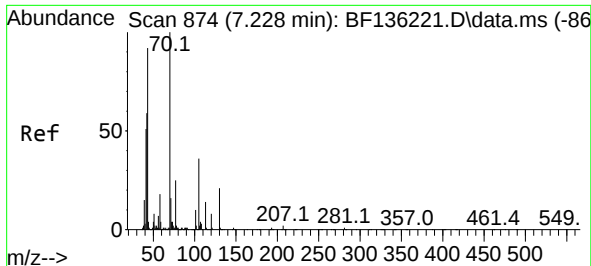


#18
Hexachloroethane
Concen: 30.671 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



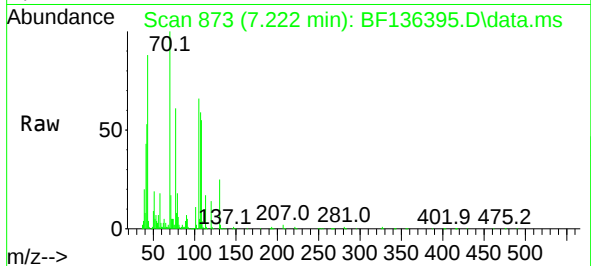
Tgt Ion:117 Resp: 115332
Ion Ratio Lower Upper
117 100
119 92.8 71.6 107.4
201 92.9 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 36.478 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

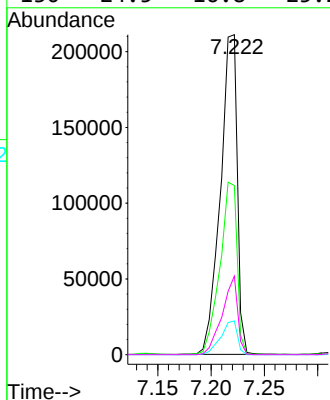
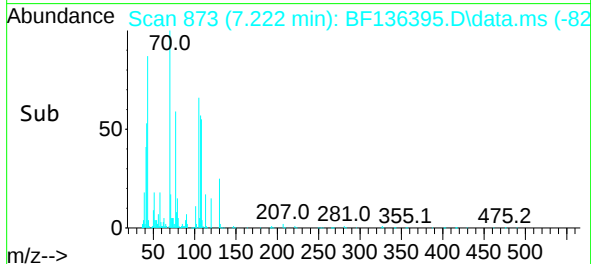
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion: 70 Resp: 232800
Ion Ratio Lower Upper
70 100
42 52.9 47.0 70.4
101 10.6 7.8 11.8
130 24.5 16.8 25.2

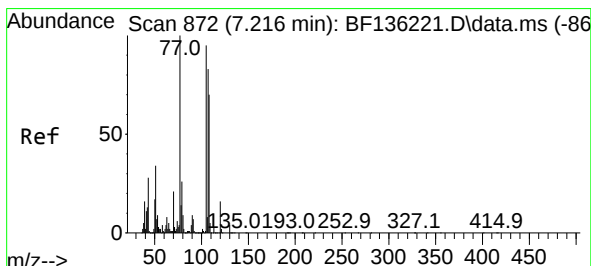
Manual Integrations
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Patel

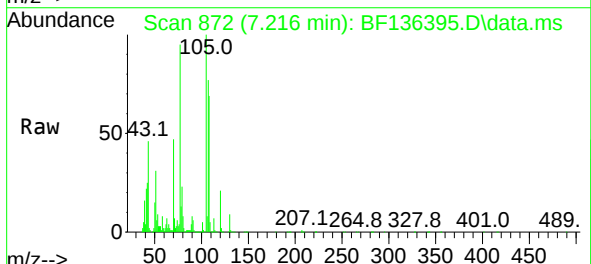


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Supervised By :mohammad
ahmed

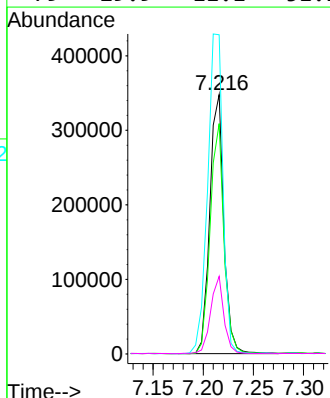
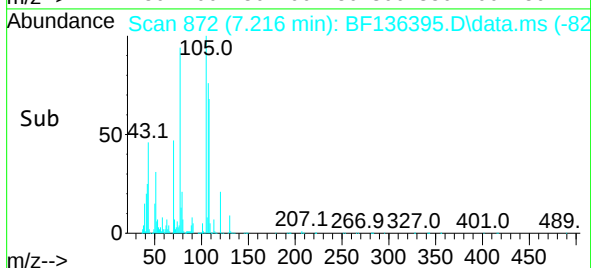
12/05/2023

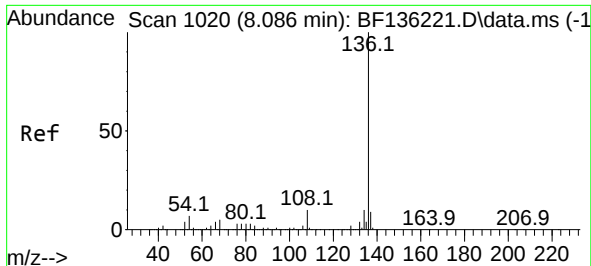


#20
3+4-Methylphenols
Concen: 35.794 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



Tgt Ion:107 Resp: 339845
Ion Ratio Lower Upper
107 100
108 88.9 63.9 103.9
77 123.1 100.2 140.2
79 29.9 11.1 51.1





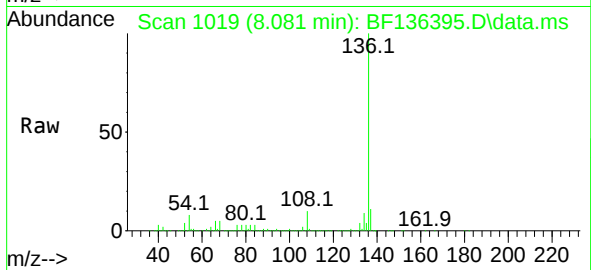
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNF_F

ClientSampleId :

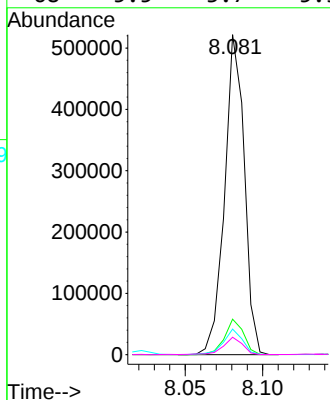
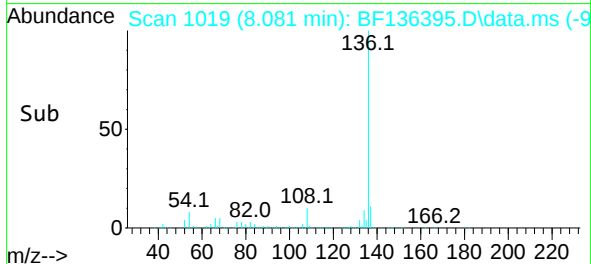
TR-04-112923MS



Tgt Ion:136 Resp: 461279
Ion Ratio Lower Upper
136 100
137 11.1 7.4 11.2
54 8.0 5.5 8.3
68 5.5 3.7 5.5

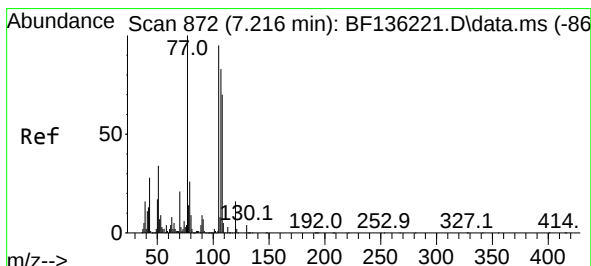
Manual Integrations
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Patel



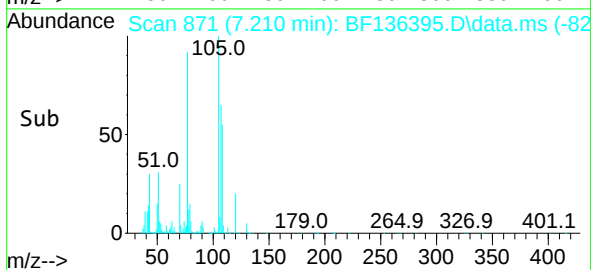
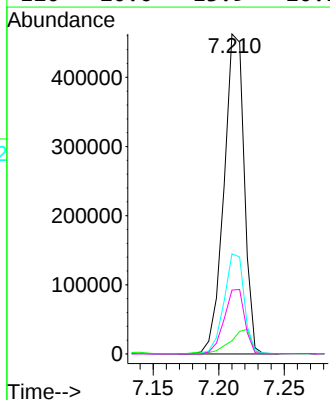
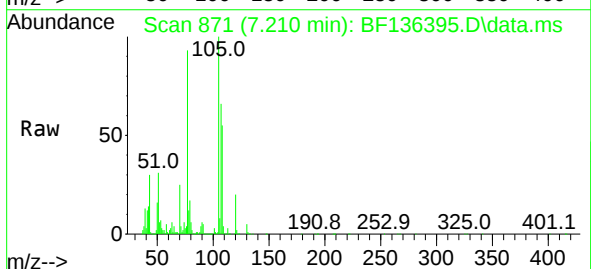
12/05/2023
Supervised By :mohammad
ahmed

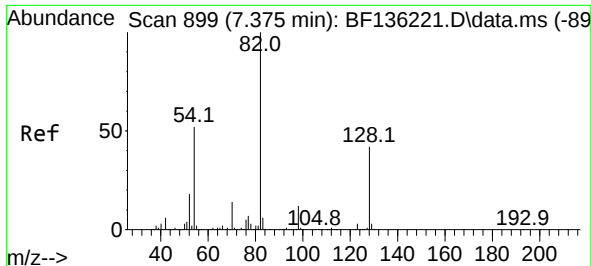
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#22
Acetophenone
Concen: 41.081 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:105 Resp: 497679
Ion Ratio Lower Upper
105 100
71 4.1 2.8 4.2
51 31.3 29.0 43.6
120 20.0 13.9 20.9





#23

Nitrobenzene-d5

Concen: 66.580 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

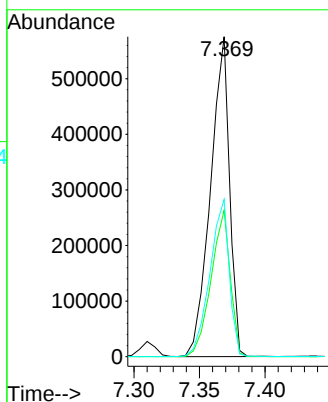
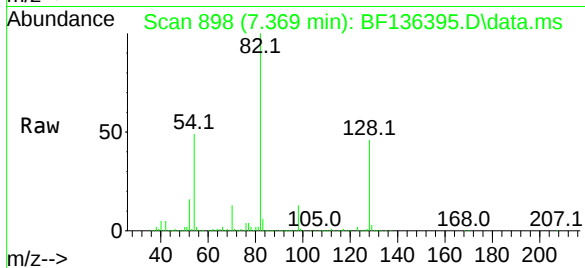
TR-04-112923MS

Tgt Ion: 82 Resp: 581190

Ion	Ratio	Lower	Upper
82	100		
128	45.7	33.4	50.2
54	49.1	41.7	62.5

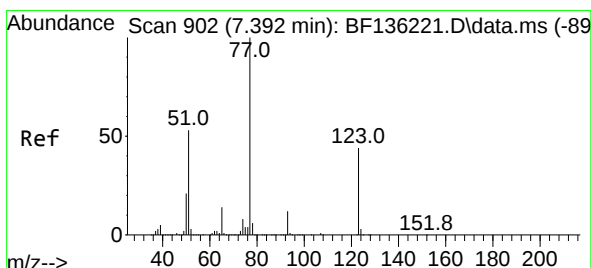
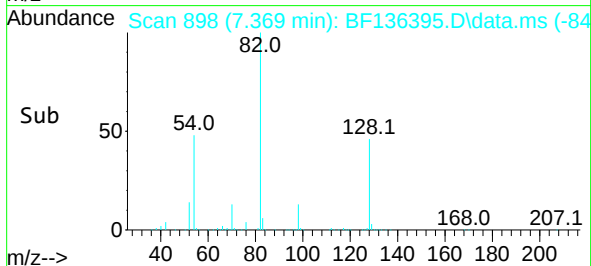
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Patel



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Supervised By :mohammad
ahmed

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#24

Nitrobenzene

Concen: 37.811 ng

RT: 7.386 min Scan# 901

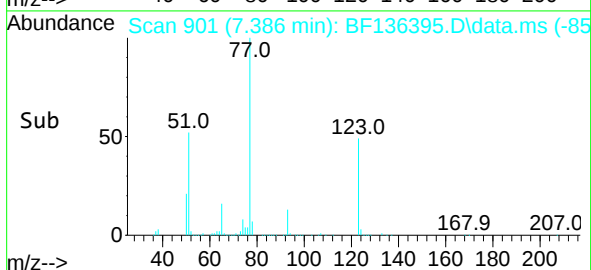
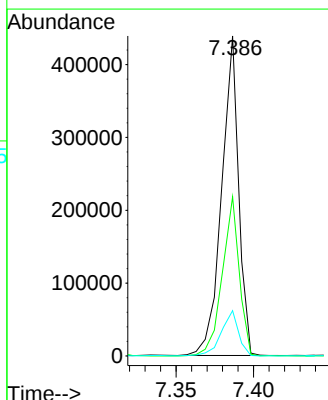
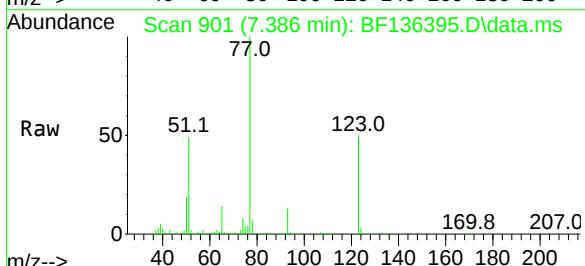
Delta R.T. 0.000 min

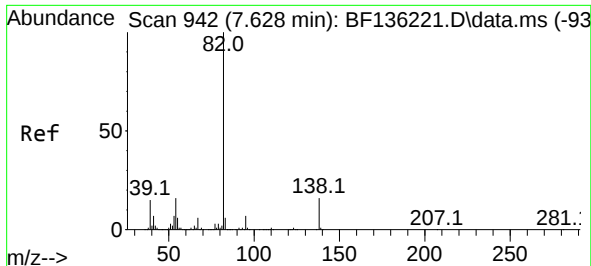
Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Tgt Ion: 77 Resp: 334482

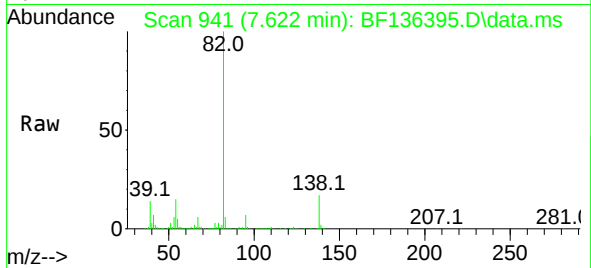
Ion	Ratio	Lower	Upper
77	100		
123	49.7	35.4	53.2
65	14.2	11.0	16.6





#25
Isophorone
Concen: 39.763 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

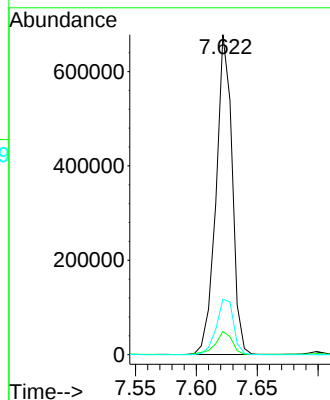
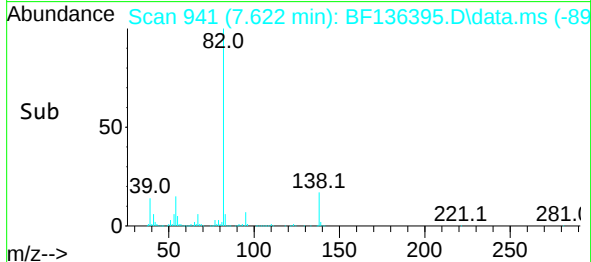
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion: 82 Resp: 62587
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.3 12.8 19.2

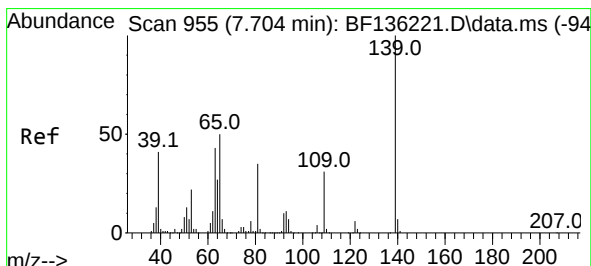
Manual Integrations
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Reviewed By :Yogesh
Patel



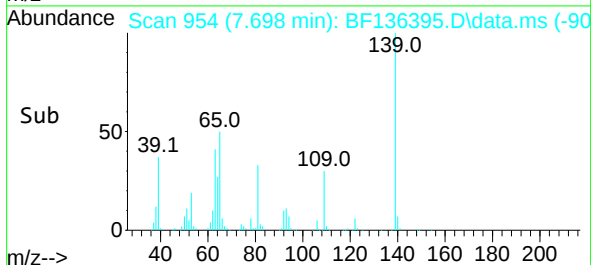
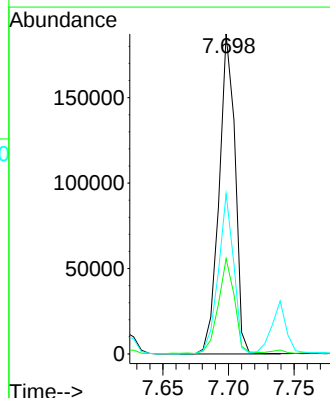
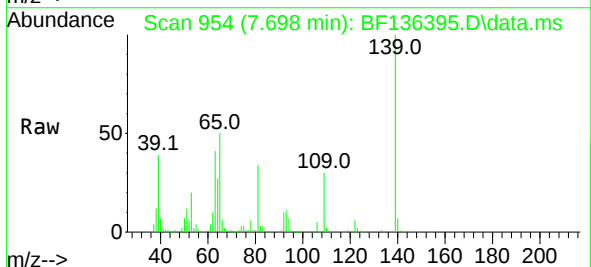
12/05/2023
Supervised By :mohammad
ahmed

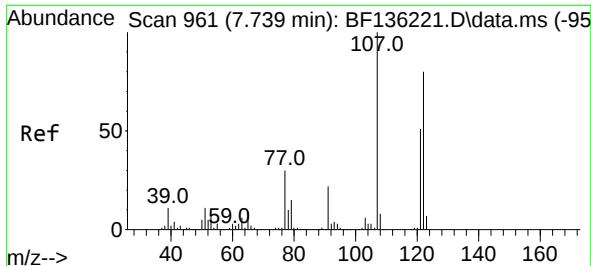
12/05/2023



#26
2-Nitrophenol
Concen: 42.037 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:139 Resp: 158442
Ion Ratio Lower Upper
139 100
109 29.8 25.0 37.6
65 50.1 40.4 60.6





#27
2,4-Dimethylphenol
Concen: 52.729 ng
RT: 7.739 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

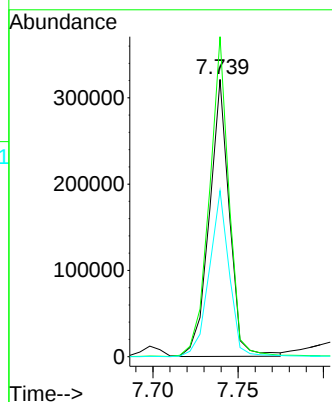
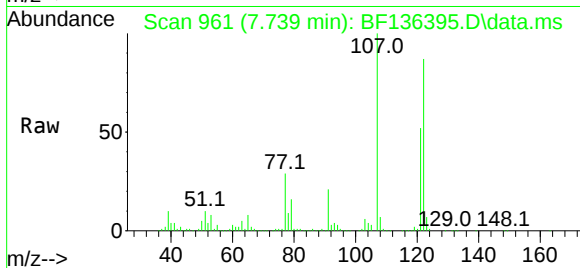
ClientSampleId :

TR-04-112923MS

Tgt Ion:122 Resp: 261584
Ion Ratio Lower Upper
122 100
107 115.4 100.0 150.0
121 59.9 50.7 76.1

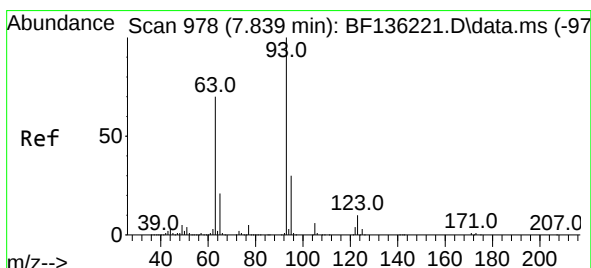
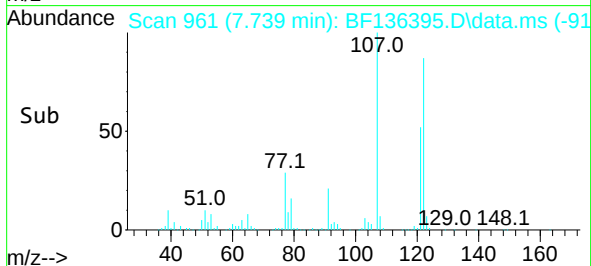
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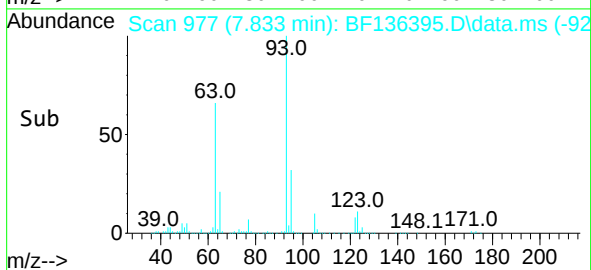
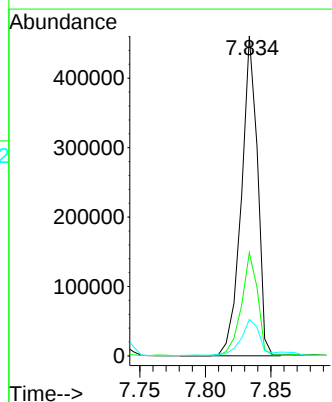
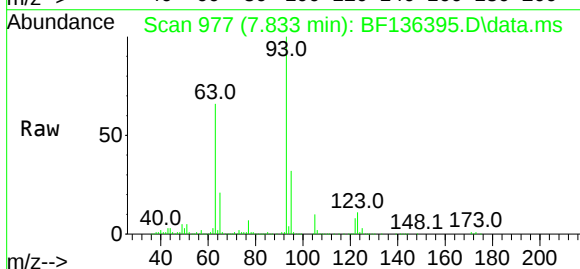
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ahmed

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#28
bis(2-Chloroethoxy)methane
Concen: 41.373 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion: 93 Resp: 393900
Ion Ratio Lower Upper
93 100
95 32.3 23.8 35.6
123 11.4 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 41.351 ng

RT: 7.939 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

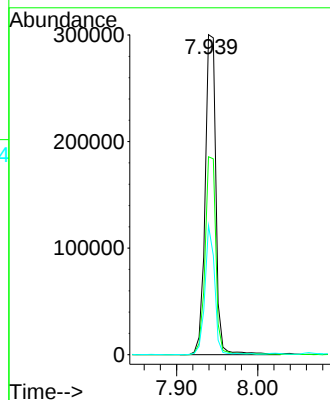
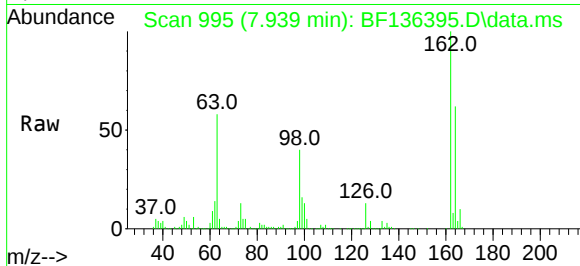
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Tgt Ion:162 Resp: 276690

Ion	Ratio	Lower	Upper
162	100		
164	61.9	40.3	80.3
98	40.4	13.0	53.0

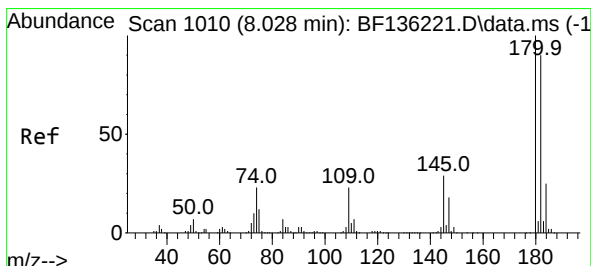
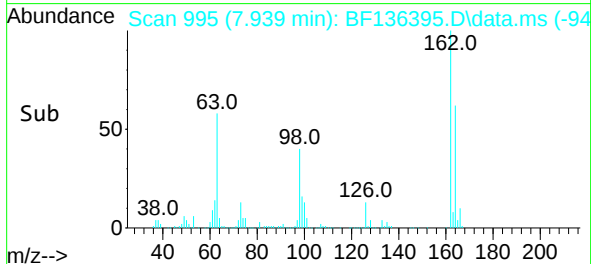
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#30

1,2,4-Trichlorobenzene

Concen: 38.452 ng

RT: 8.022 min Scan# 1009

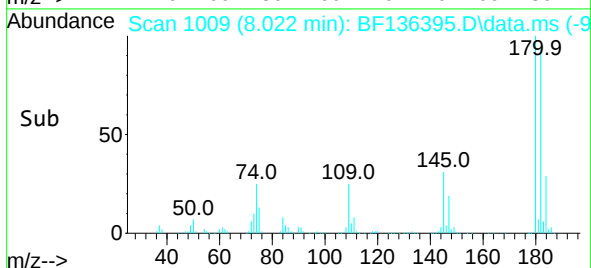
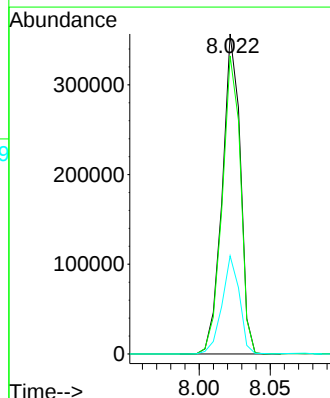
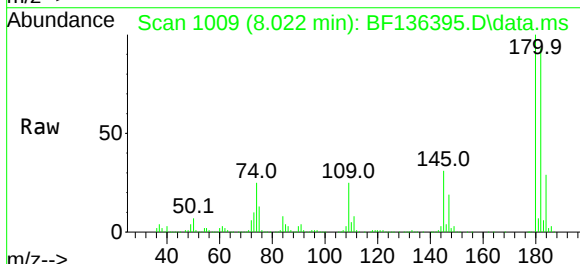
Delta R.T. 0.000 min

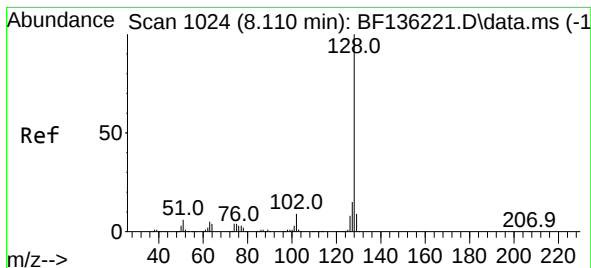
Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Tgt Ion:180 Resp: 315014

Ion	Ratio	Lower	Upper
180	100		
182	93.1	71.6	107.4
145	30.7	23.0	34.4





#31

Naphthalene

Concen: 38.560 ng

RT: 8.104 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNF

ClientSampleId :

TR-04-112923MS

Tgt Ion:128 Resp: 999762

Ion Ratio Lower Upper

128 100

129 10.4 7.3 10.9

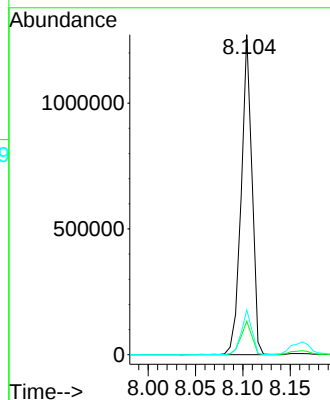
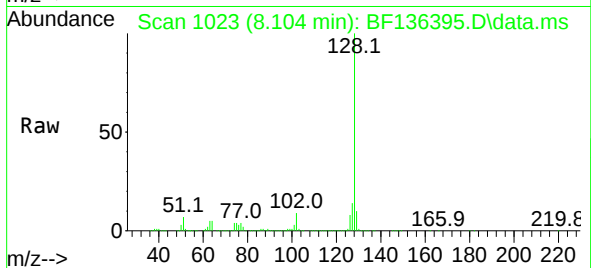
127 14.0 11.8 17.6

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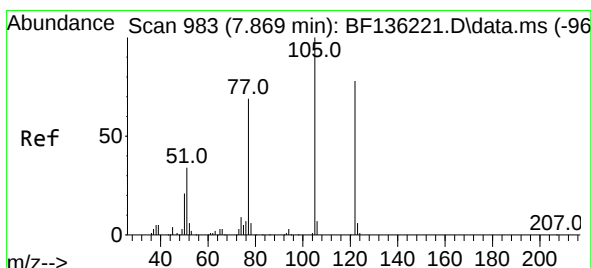
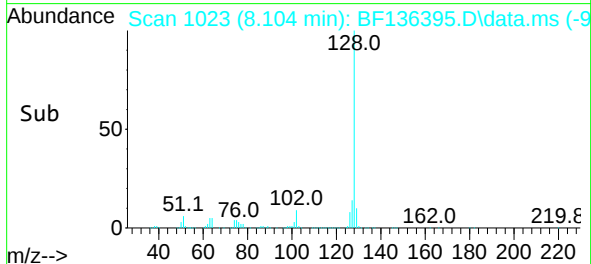
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#32

Benzoic acid

Concen: 41.492 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.006 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

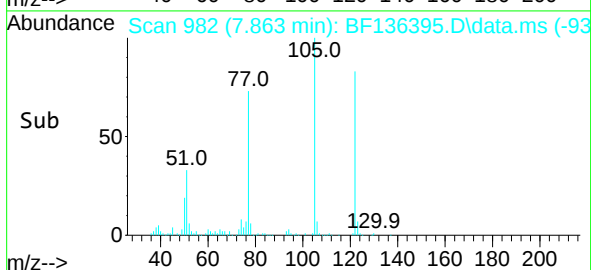
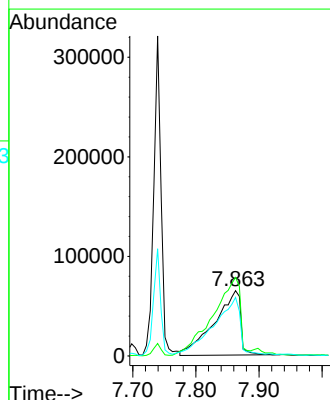
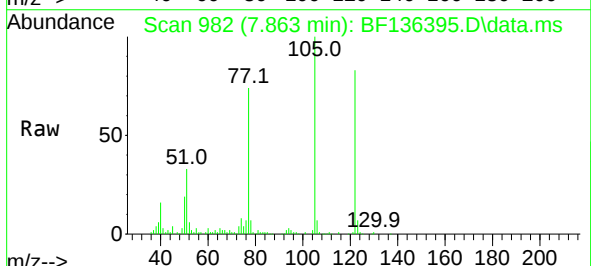
Tgt Ion:122 Resp: 187597

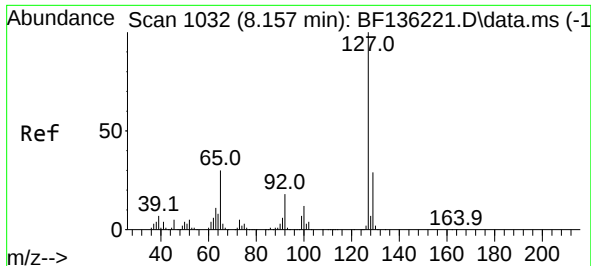
Ion Ratio Lower Upper

122 100

105 120.4 103.7 143.7

77 89.7 66.8 106.8





#33
4-Chloroaniline
Concen: 8.511 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

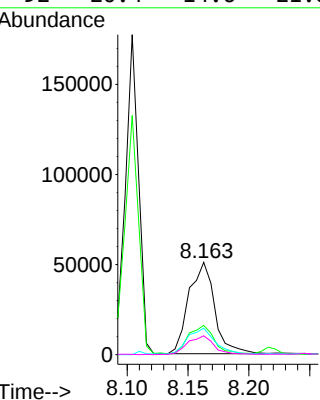
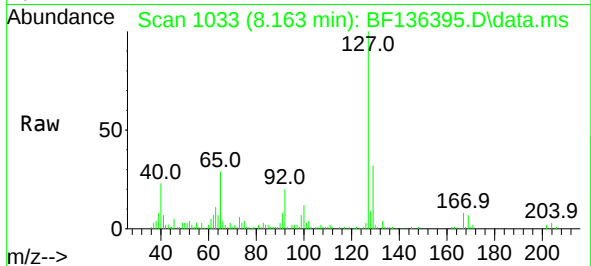
ClientSampleId :

TR-04-112923MS

Tgt Ion:	127	Resp:	75012
Ion Ratio	Lower	Upper	
127	100		
129	31.7	23.4	35.2
65	28.9	23.8	35.6
92	20.4	14.6	21.8

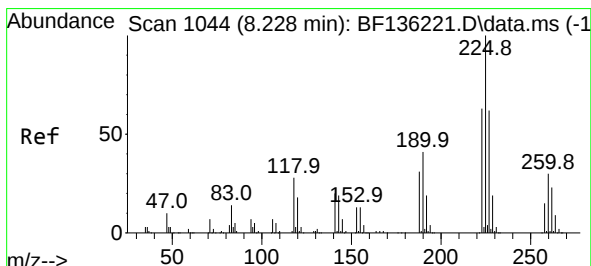
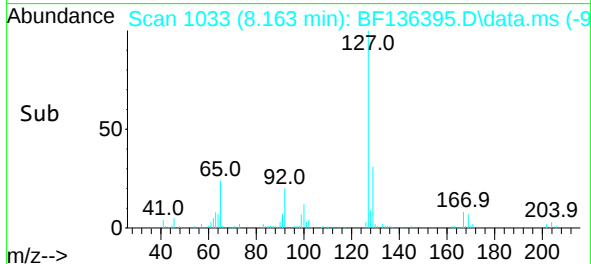
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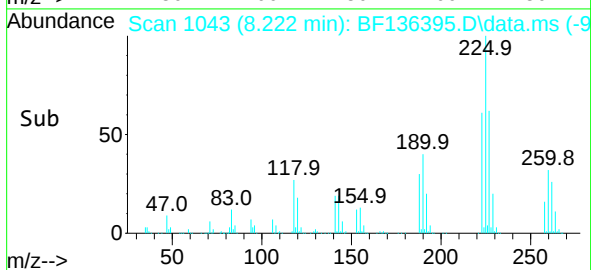
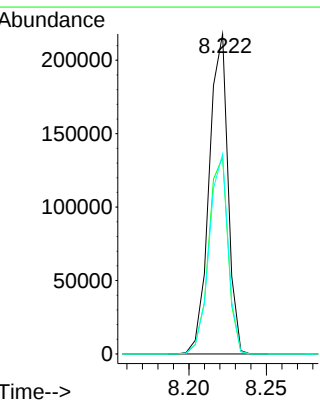
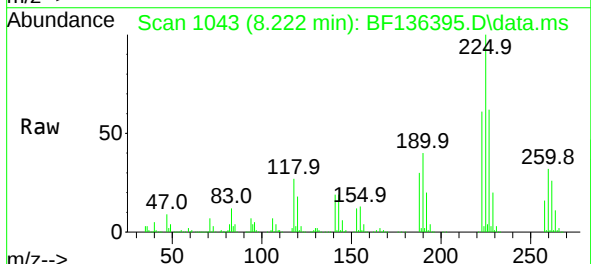
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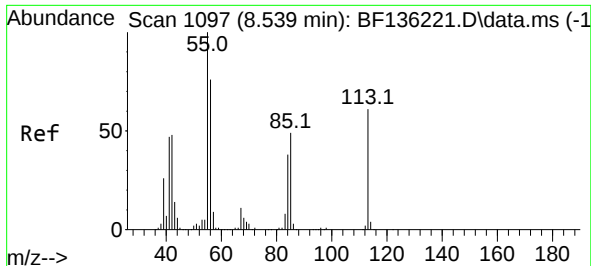
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#34
Hexachlorobutadiene
Concen: 38.356 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

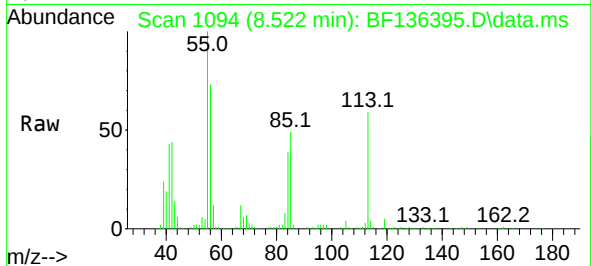
Tgt Ion:	225	Resp:	183834
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.6	75.8
227	62.4	49.6	74.4





#35
Caprolactam
Concen: 45.716 ng m
RT: 8.522 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

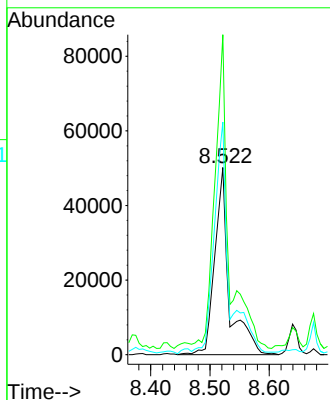
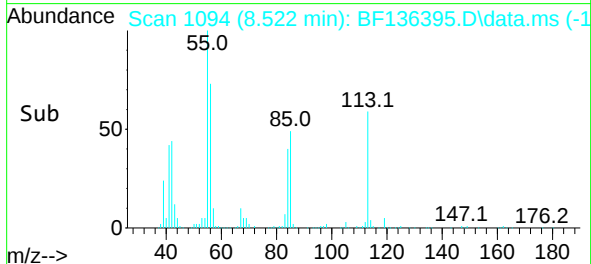
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:113 Resp: 85510
Ion Ratio Lower Upper
113 100
55 170.9 143.1 183.1
56 124.2 103.6 143.6

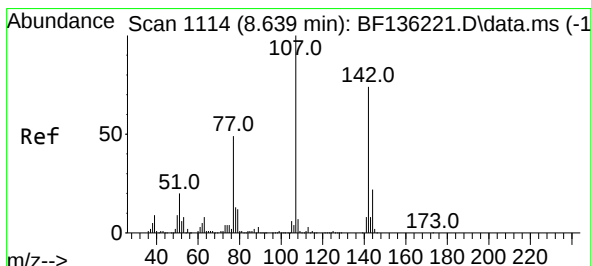
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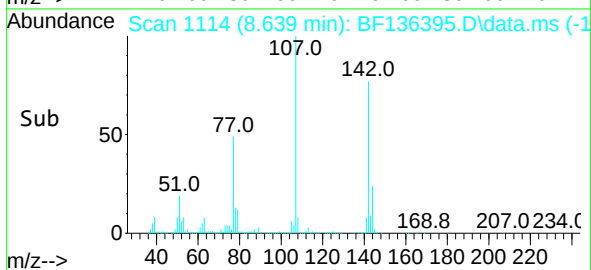
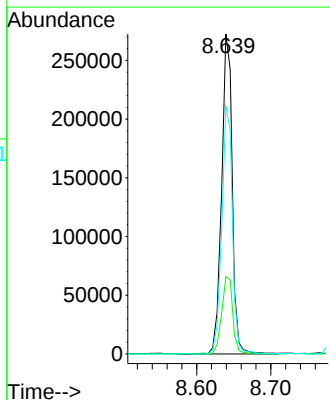
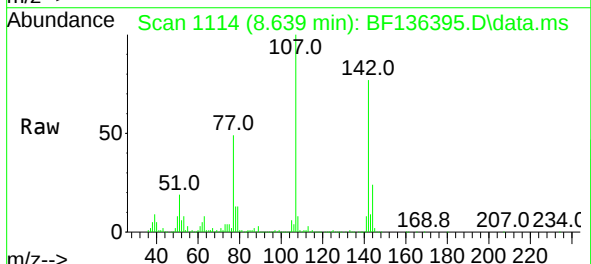
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Supervised By :mohammad
ahmed

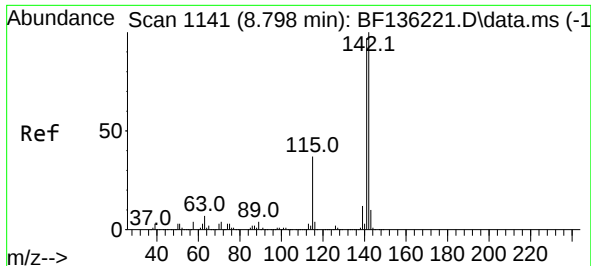
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#36
4-Chloro-3-methylphenol
Concen: 37.362 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:107 Resp: 271142
Ion Ratio Lower Upper
107 100
144 24.2 17.8 26.8
142 77.3 59.4 89.0





#37
2-Methylnaphthalene
Concen: 37.712 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

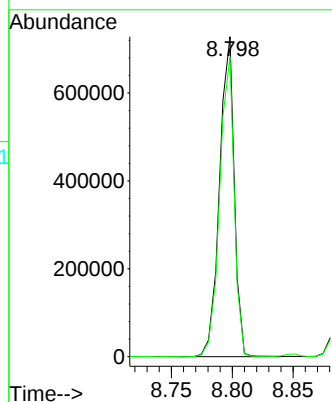
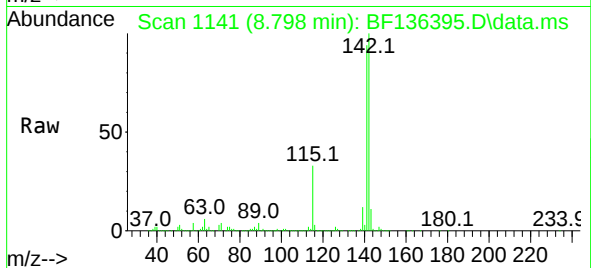
ClientSampleId :

TR-04-112923MS

Tgt Ion:142 Resp: 61335
Ion Ratio Lower Upper
142 100
141 93.7 77.8 116.8

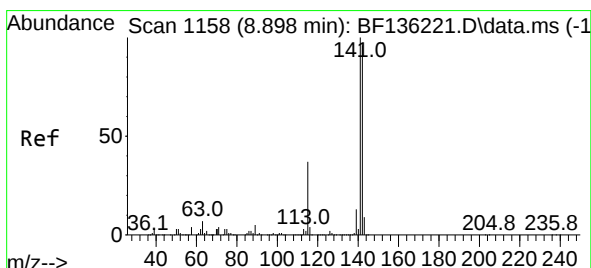
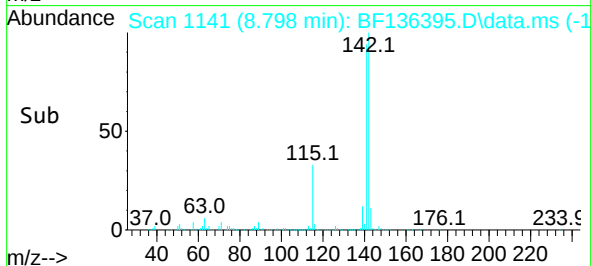
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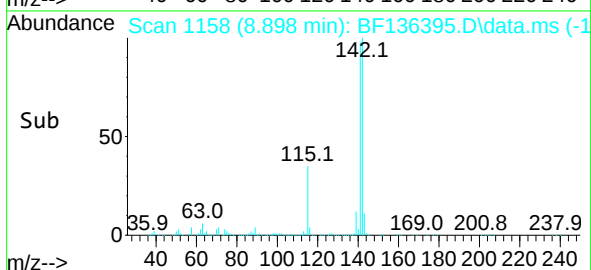
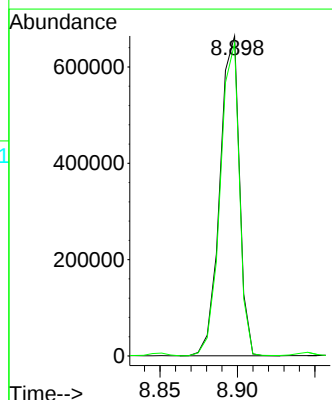
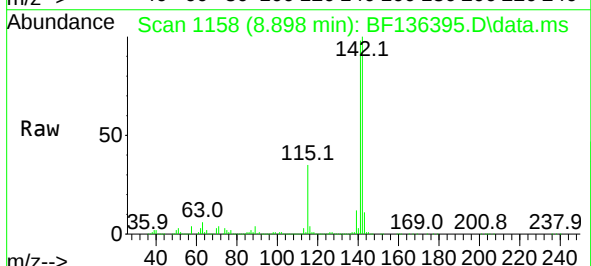
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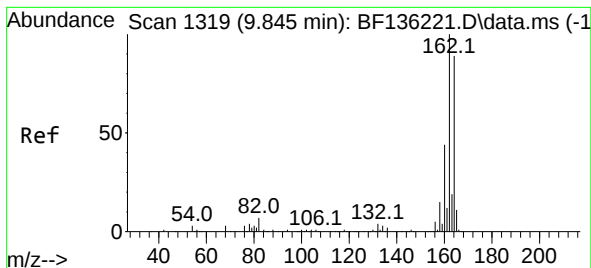
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#38
1-Methylnaphthalene
Concen: 36.774 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:142 Resp: 583448
Ion Ratio Lower Upper
142 100
141 97.8 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

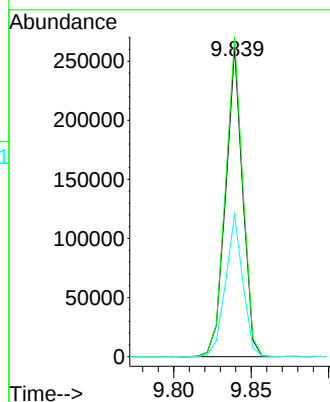
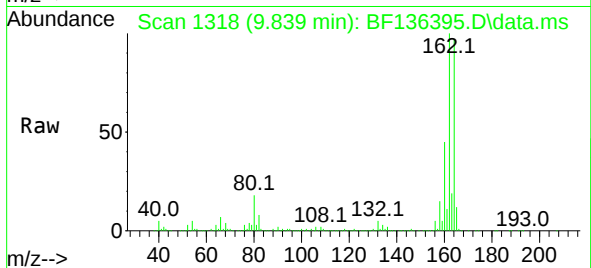
ClientSampleId :

TR-04-112923MS

Tgt Ion:164 Resp: 200840
 Ion Ratio Lower Upper
 164 100
 162 103.3 89.5 134.3
 160 46.0 39.6 59.4

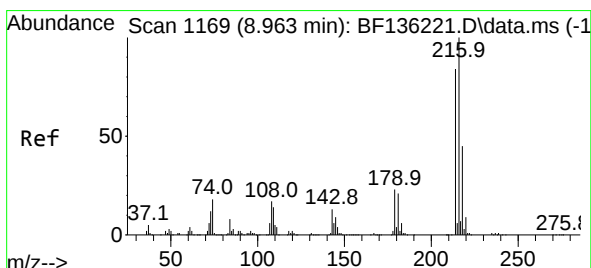
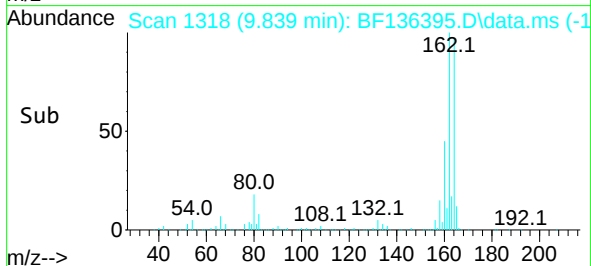
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.644 ng

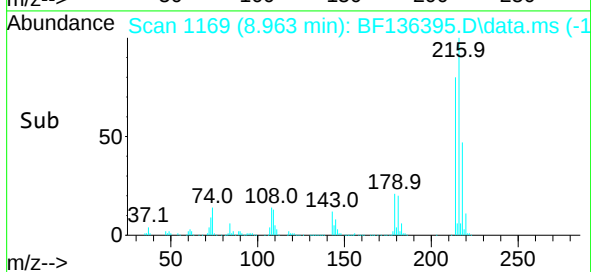
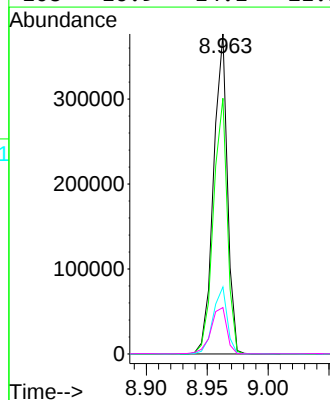
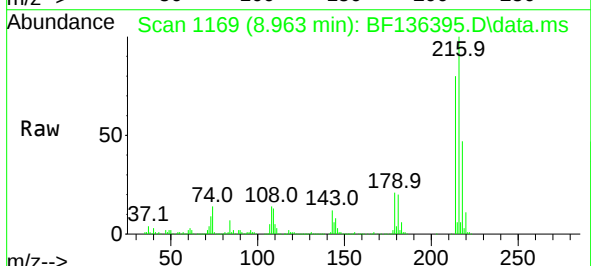
RT: 8.963 min Scan# 1169

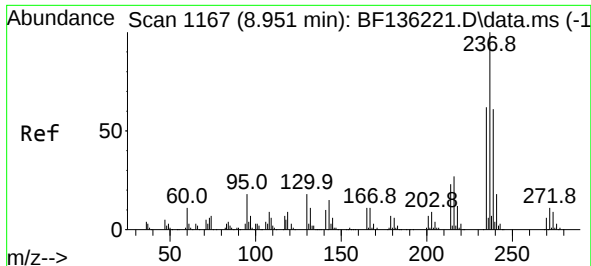
Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

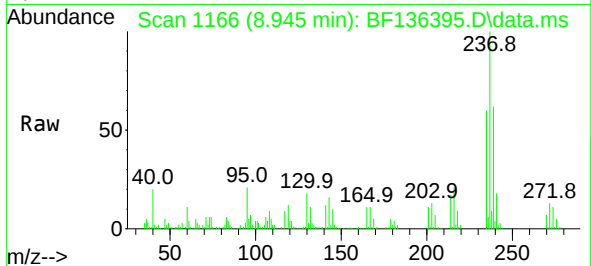
Tgt Ion:216 Resp: 298148
 Ion Ratio Lower Upper
 216 100
 214 79.8 65.8 98.8
 179 21.2 17.4 26.0
 108 16.9 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 19.755 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

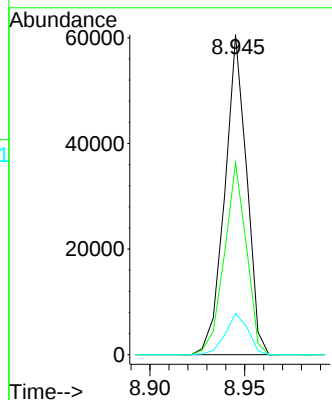
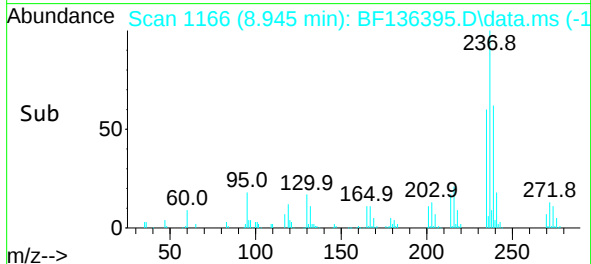
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:237 Resp: 4858
Ion Ratio Lower Upper
237 100
235 60.0 42.1 82.1
272 12.9 0.0 31.0

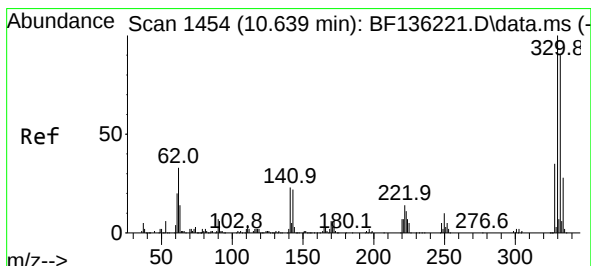
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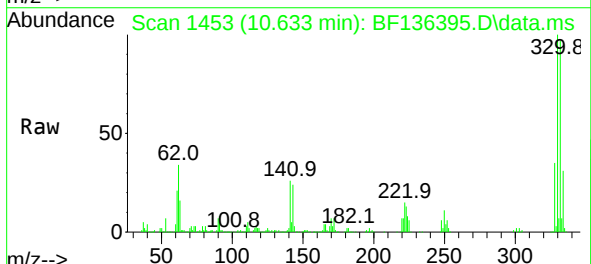


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Supervised By :mohammad
ahmed

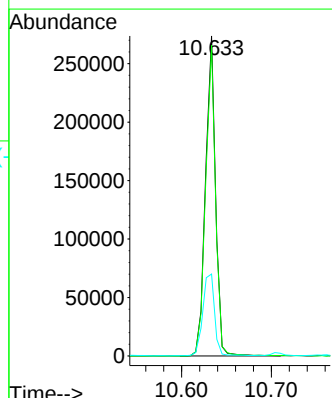
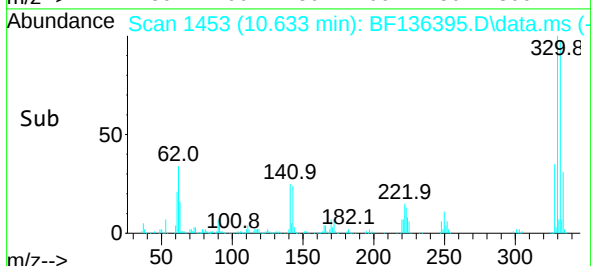
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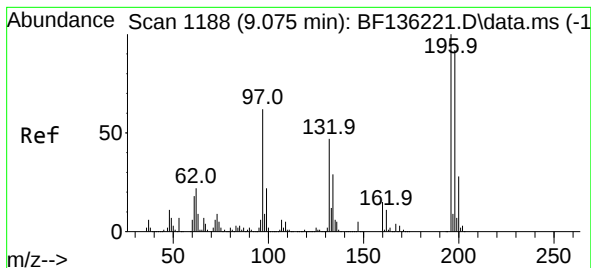


#42
2,4,6-Tribromophenol
Concen: 86.499 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



Tgt Ion:330 Resp: 212398
Ion Ratio Lower Upper
330 100
332 96.3 73.0 109.6
141 30.3 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 42.566 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

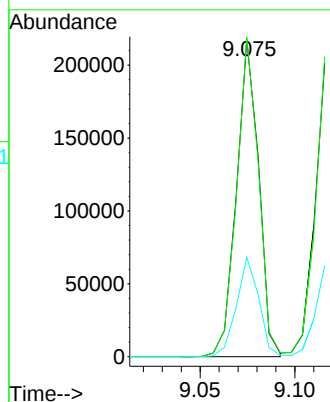
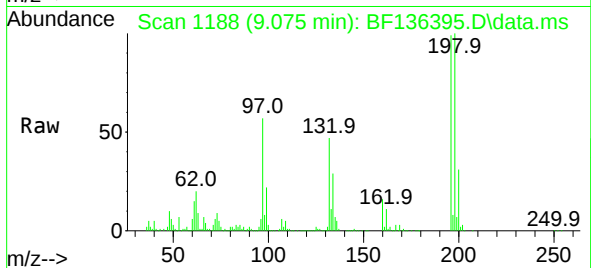
ClientSampleId :

TR-04-112923MS

Tgt Ion:196 Resp: 176598
 Ion Ratio Lower Upper
 196 100
 198 100.9 73.2 109.8
 200 31.3 22.4 33.6

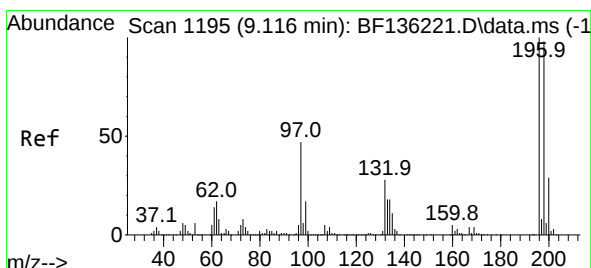
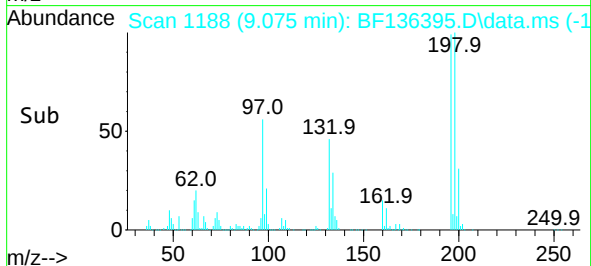
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 Patel



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 Supervised By :mohammad
 ahmed

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#44

2,4,5-Trichlorophenol

Concen: 39.775 ng

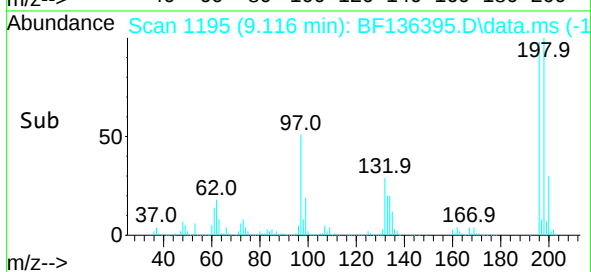
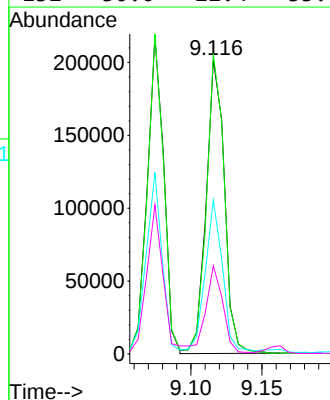
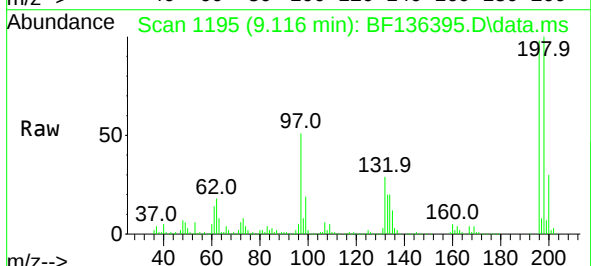
RT: 9.116 min Scan# 1195

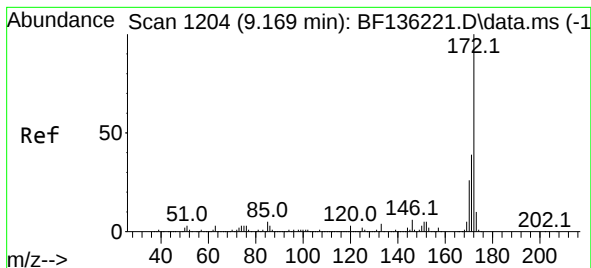
Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Tgt Ion:196 Resp: 180084
 Ion Ratio Lower Upper
 196 100
 198 102.2 78.8 118.2
 97 52.4 37.8 56.8
 132 30.0 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 72.214 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

TR-04-112923MS

Tgt Ion:172 Resp: 1135514

Ion Ratio Lower Upper

172 100

171 37.3 31.5 47.3

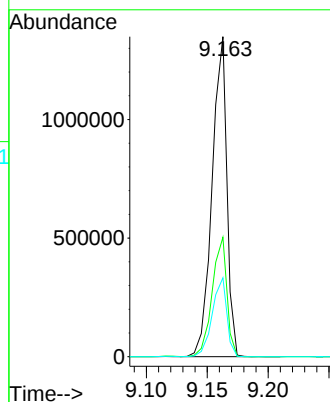
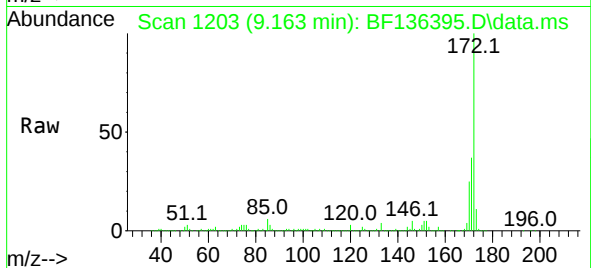
170 24.7 20.8 31.2

Manual Integrations

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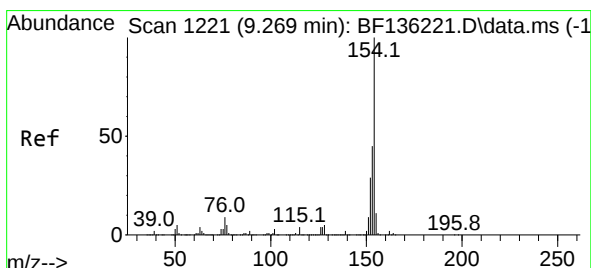
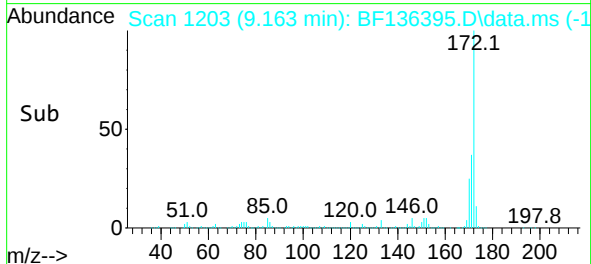
Patel



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ahmed

12/05/2023



#46

1,1'-Biphenyl

Concen: 44.145 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

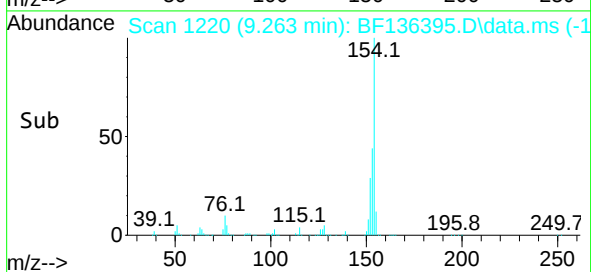
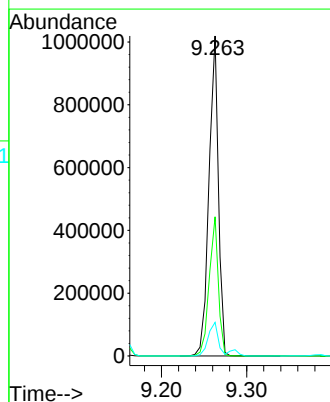
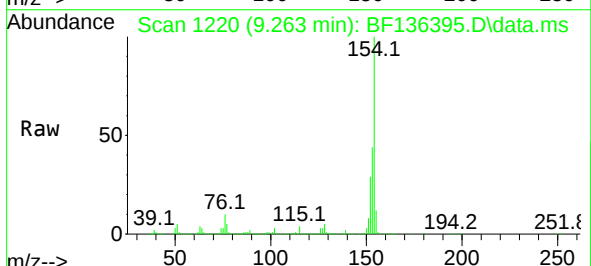
Tgt Ion:154 Resp: 781872

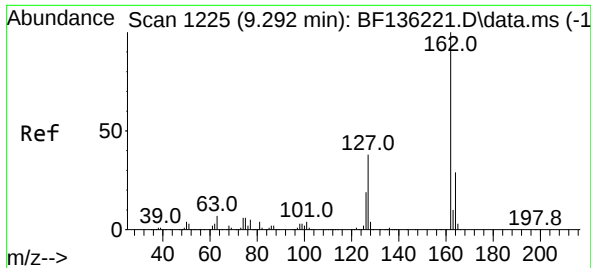
Ion Ratio Lower Upper

154 100

153 43.5 24.6 64.6

76 10.5 0.0 29.4





#47
2-Chloronaphthalene
Concen: 40.404 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

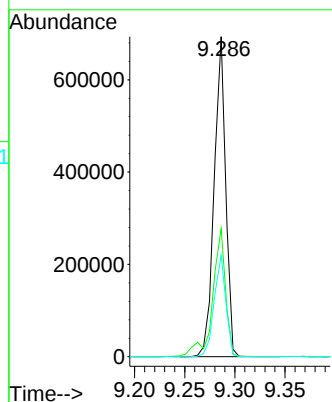
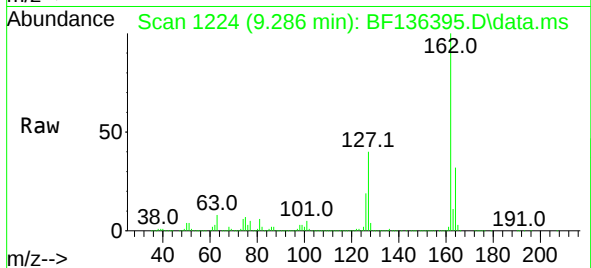
ClientSampleId :

TR-04-112923MS

Tgt Ion:162 Resp: 555740
Ion Ratio Lower Upper
162 100
127 40.0 30.2 45.2
164 31.7 22.8 34.2

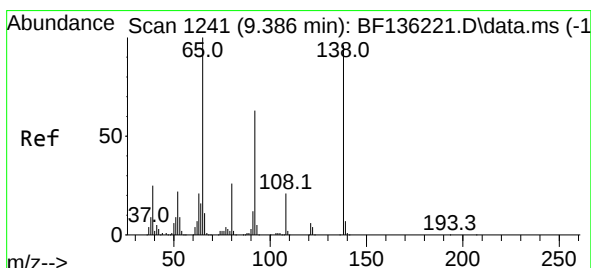
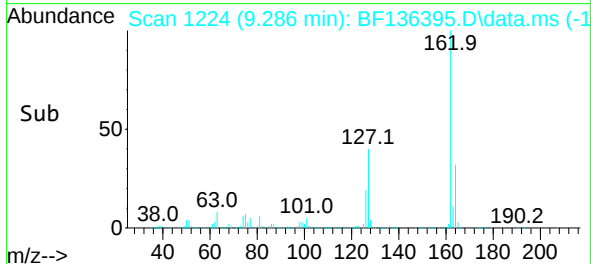
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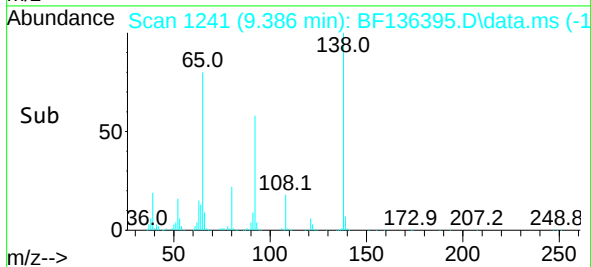
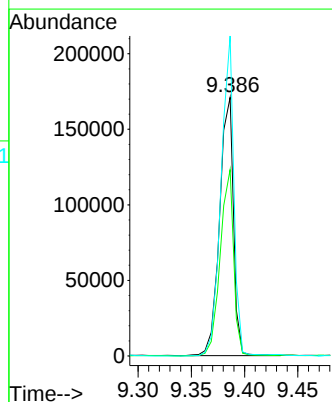
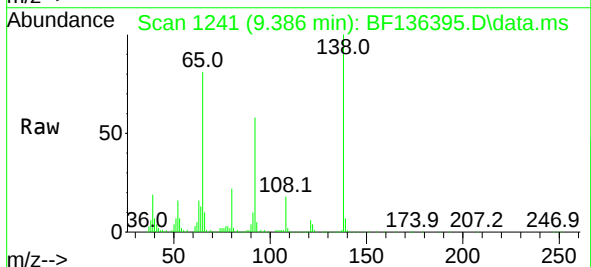
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Supervised By :mohammad
ahmed

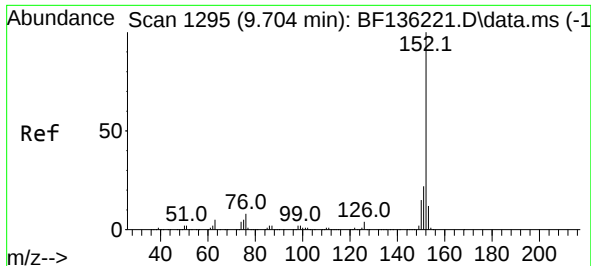
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#48
2-Nitroaniline
Concen: 43.037 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion: 65 Resp: 154548
Ion Ratio Lower Upper
65 100
92 72.1 50.6 75.8
138 123.7 76.7 115.1#





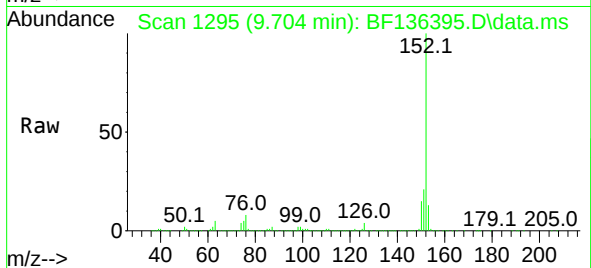
#49
Acenaphthylene
Concen: 42.461 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

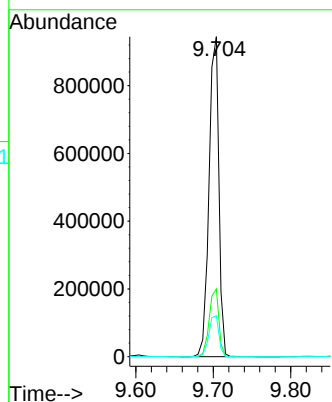
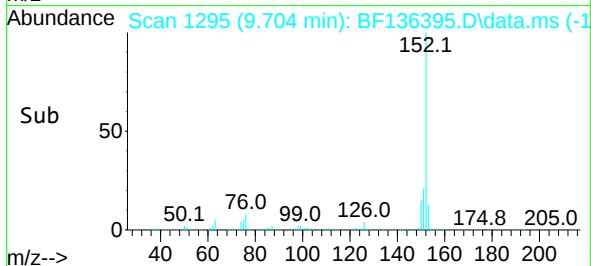
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Tgt Ion:152 Resp: 833458
Ion Ratio Lower Upper
152 100
151 21.2 17.5 26.3
153 12.8 9.6 14.4

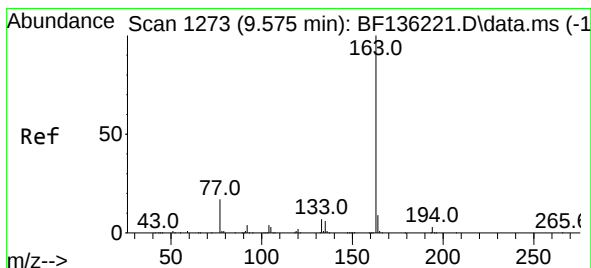
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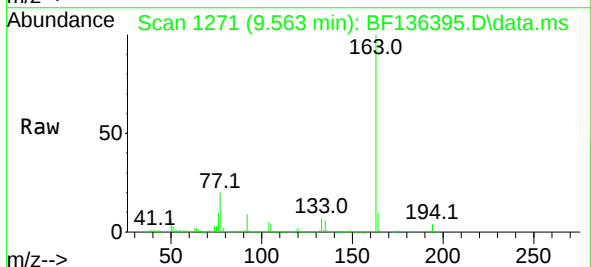


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Supervised By :mohammad
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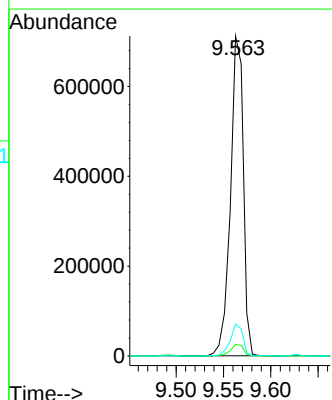
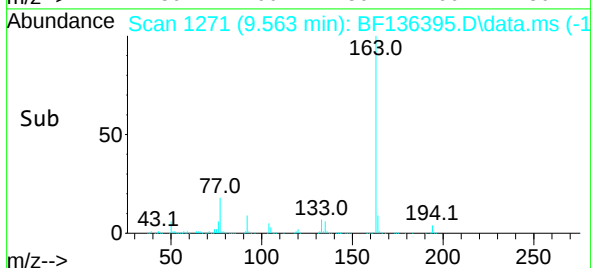
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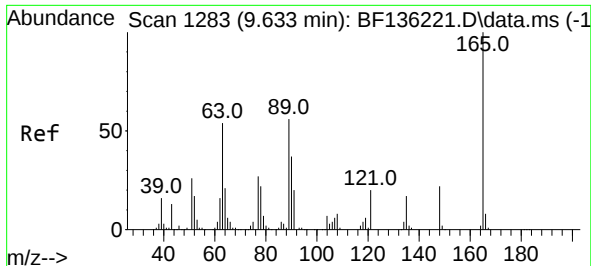


#50
Dimethylphthalate
Concen: 44.356 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



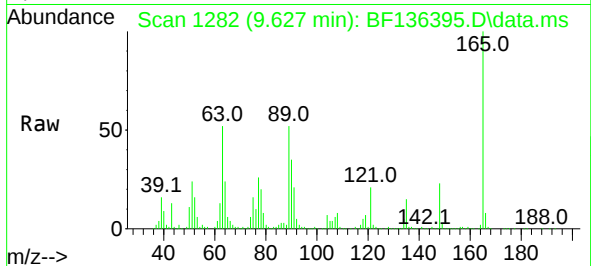
Tgt Ion:163 Resp: 673339
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 10.0 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 40.585 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

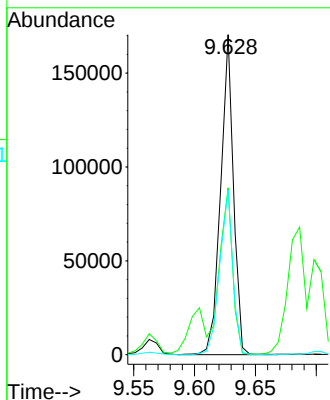
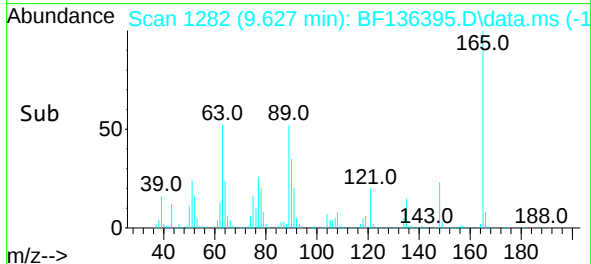
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:165 Resp: 125862
Ion Ratio Lower Upper
165 100
63 52.2 46.2 69.2
89 51.6 44.9 67.3

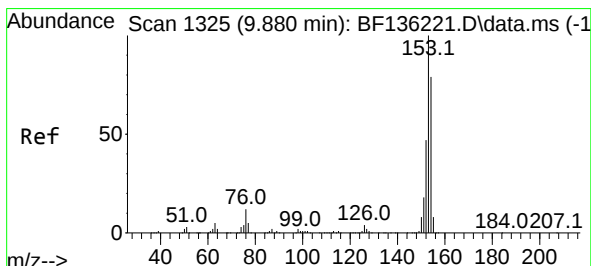
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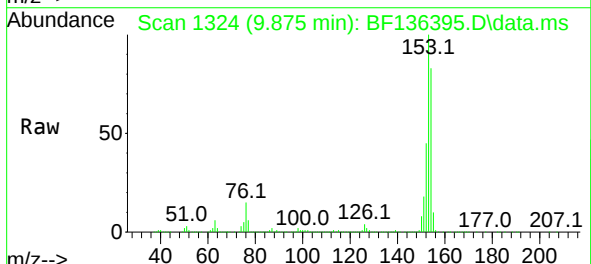


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Supervised By :mohammad
ahmed

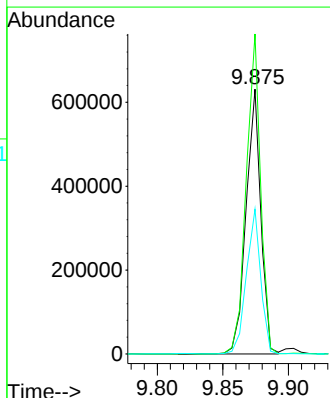
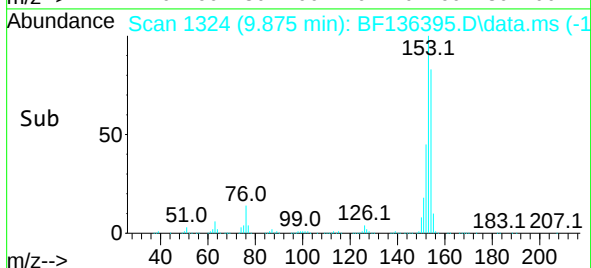
12/05/2023

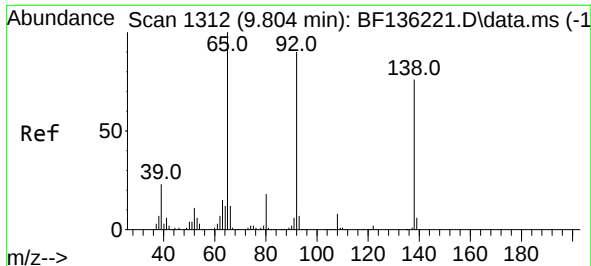


#52
Acenaphthene
Concen: 39.927 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



Tgt Ion:154 Resp: 495268
Ion Ratio Lower Upper
154 100
153 120.9 100.8 151.2
152 54.7 47.0 70.6





#53
3-Nitroaniline
Concen: 31.880 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

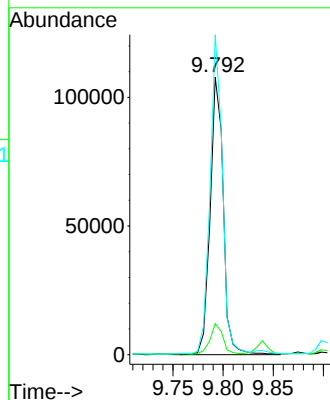
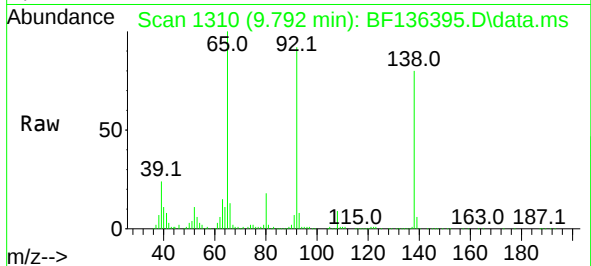
ClientSampleId :

TR-04-112923MS

Tgt Ion:138 Resp: 98099
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 115.3 94.2 141.4

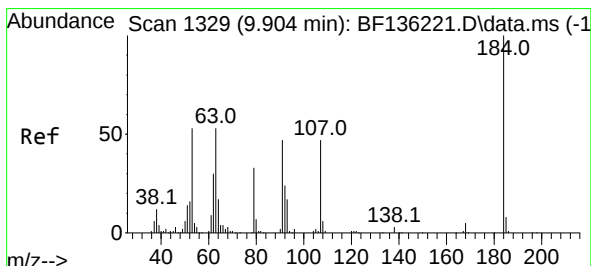
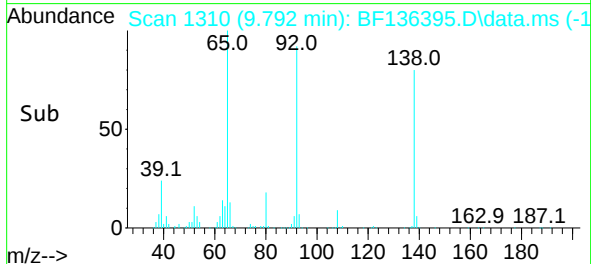
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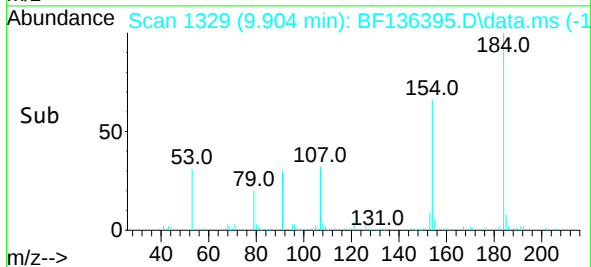
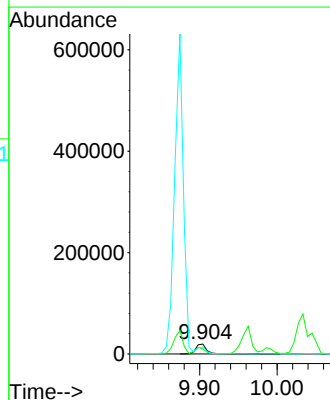
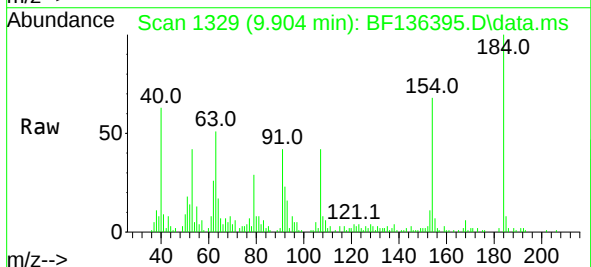
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Supervised By :mohammad
ahmed

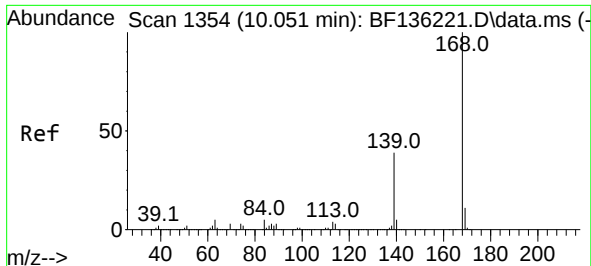
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#54
2,4-Dinitrophenol
Concen: 13.401 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

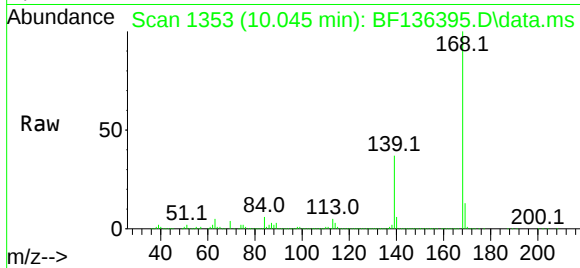
Tgt Ion:184 Resp: 19329
Ion Ratio Lower Upper
184 100
63 51.1 55.0 82.4#
154 67.8 54.9 82.3





#55
Dibenzofuran
Concen: 39.696 ng
RT: 10.045 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

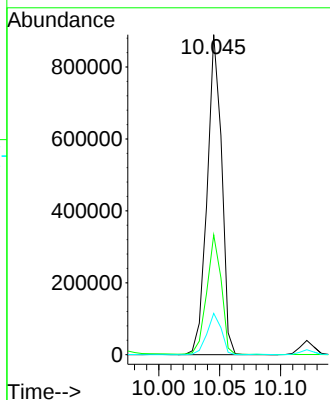
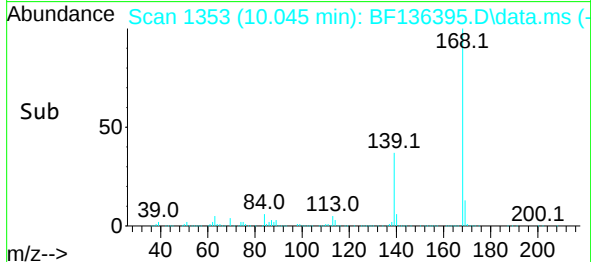
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:168 Resp: 732710
Ion Ratio Lower Upper
168 100
139 37.4 30.9 46.3
169 12.9 9.1 13.7

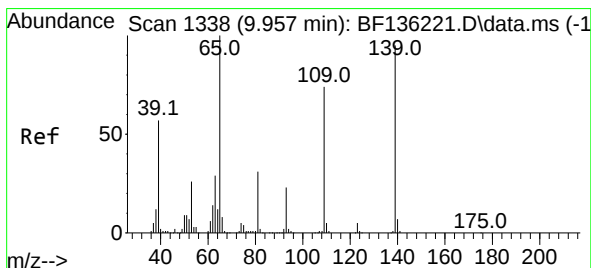
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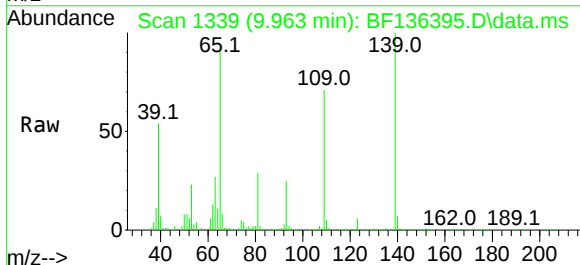


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Supervised By :mohammad
ahmed

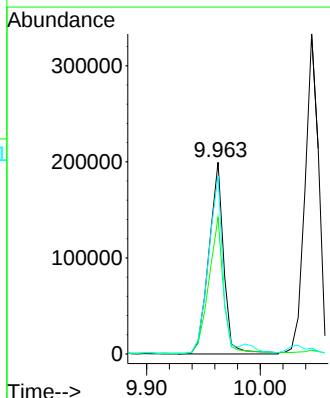
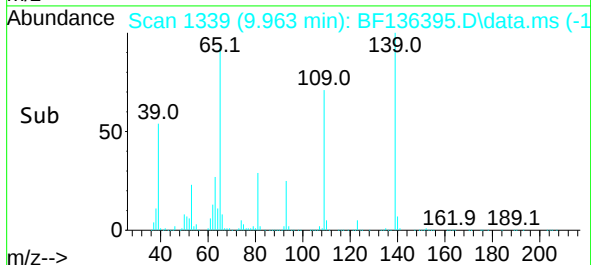
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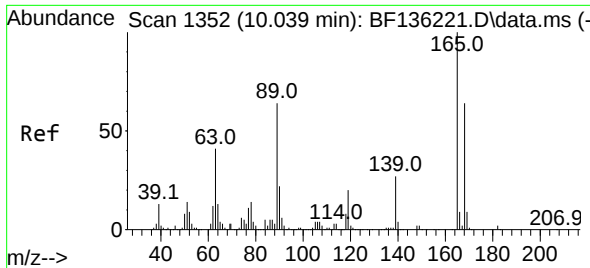


#56
4-Nitrophenol
Concen: 77.744 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



Tgt Ion:139 Resp: 181696
Ion Ratio Lower Upper
139 100
109 71.3 57.8 97.8
65 92.8 86.0 126.0





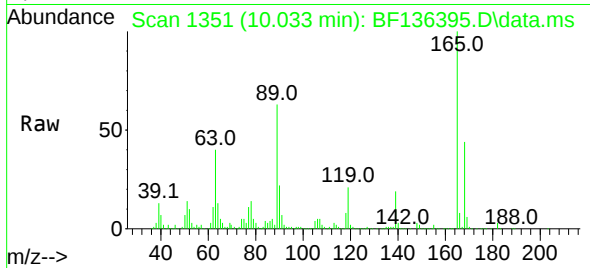
#57
2,4-Dinitrotoluene
Concen: 36.227 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

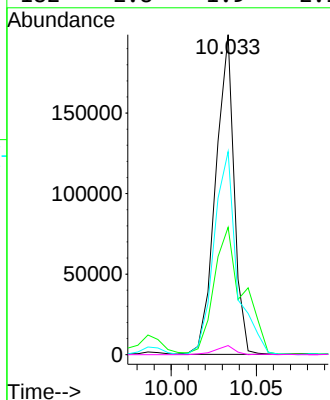
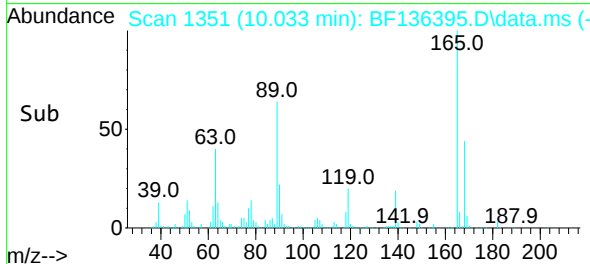
TR-04-112923MS



Tgt Ion:165 Resp: 150072
Ion Ratio Lower Upper
165 100
63 39.8 33.0 49.4
89 63.5 51.5 77.3
182 2.8 1.9 2.9

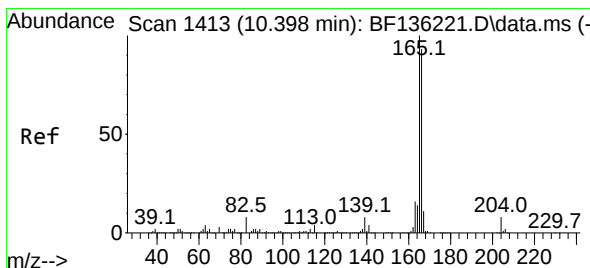
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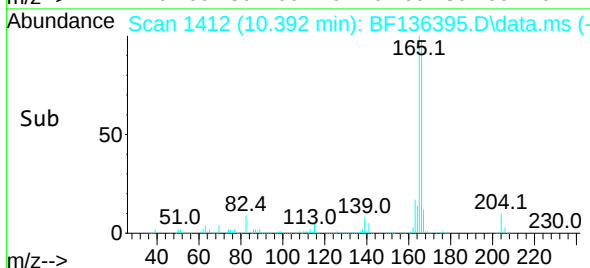
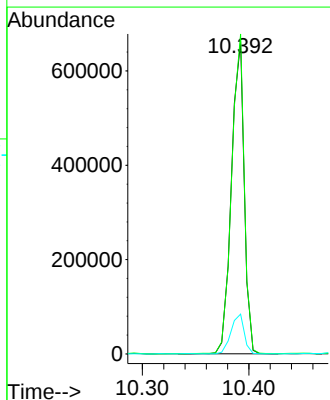
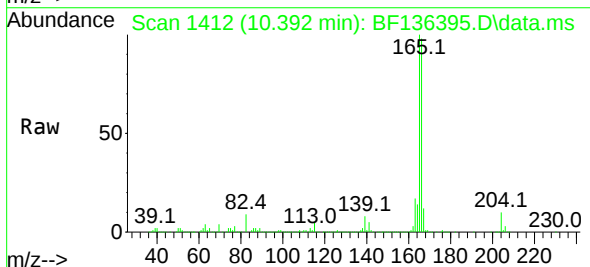
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Supervised By :mohammad
ahmed

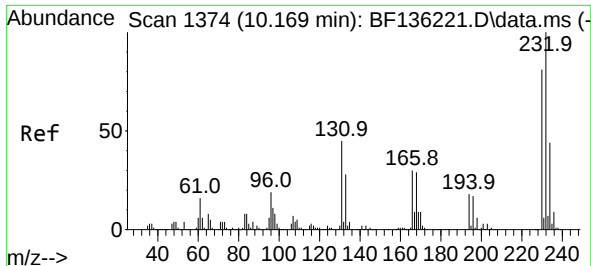
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#58
Fluorene
Concen: 38.210 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

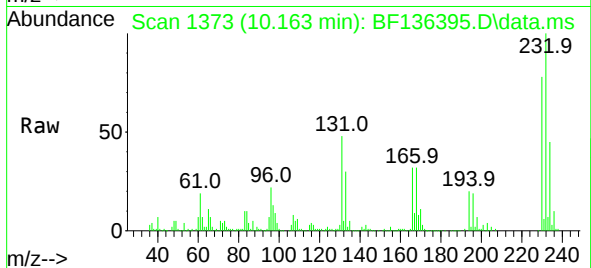
Tgt Ion:166 Resp: 553209
Ion Ratio Lower Upper
166 100
165 102.4 86.2 129.4
167 12.8 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.522 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

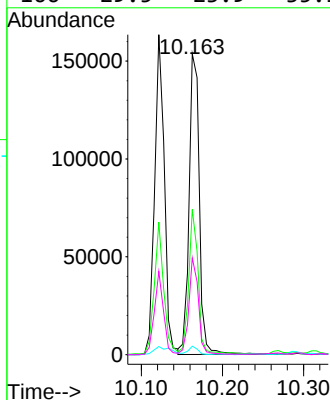
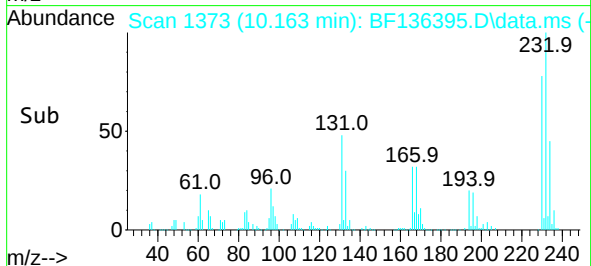
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:232 Resp: 135170
Ion Ratio Lower Upper
232 100
131 44.3 36.4 54.6
130 2.4 1.9 2.9
166 29.5 23.9 35.9

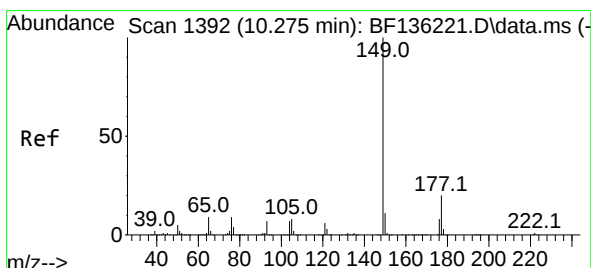
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Patel



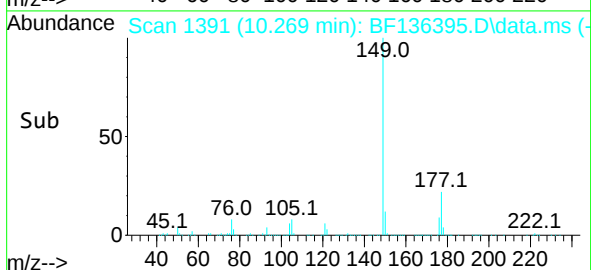
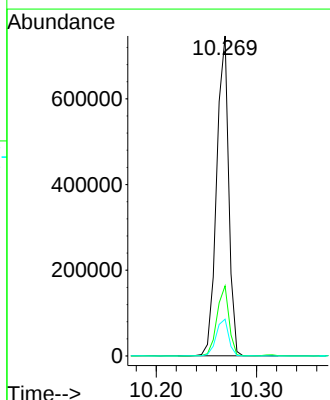
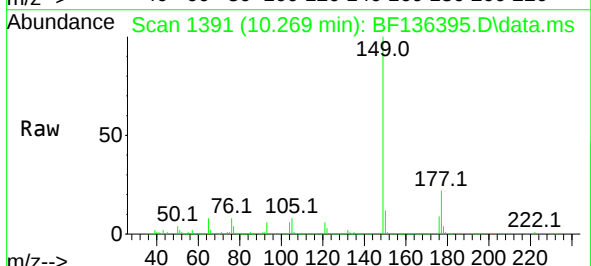
12/05/2023
Supervised By :mohammad
ahmed

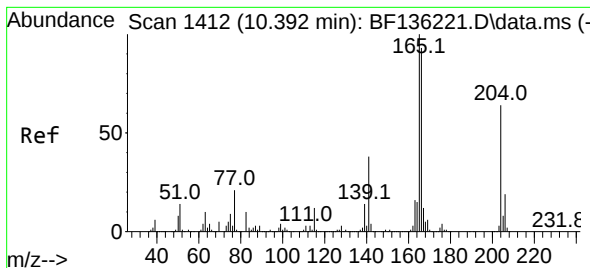
12/05/2023



#60
Diethylphthalate
Concen: 40.886 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:149 Resp: 620860
Ion Ratio Lower Upper
149 100
177 21.9 15.8 23.6
150 11.5 8.8 13.2





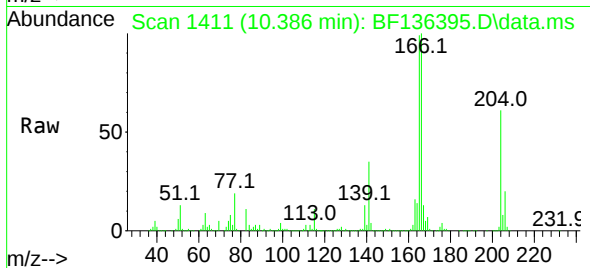
#61
4-Chlorophenyl-phenylether
Concen: 39.183 ng
RT: 10.386 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

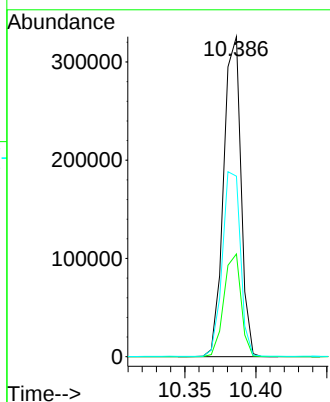
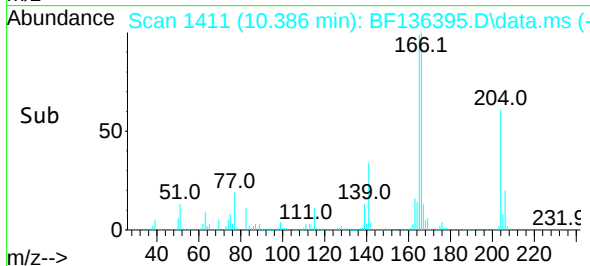
TR-04-112923MS



Tgt Ion:204 Resp: 275500
Ion Ratio Lower Upper
204 100
206 32.1 23.4 35.0
141 56.4 47.6 71.4

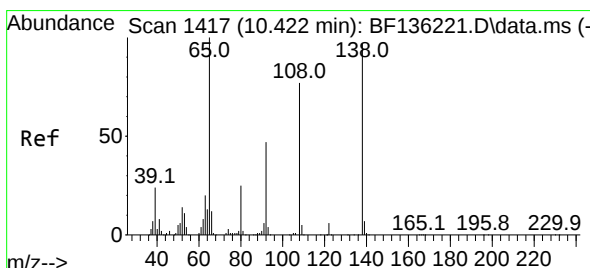
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



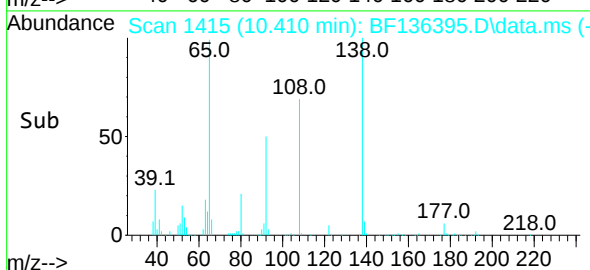
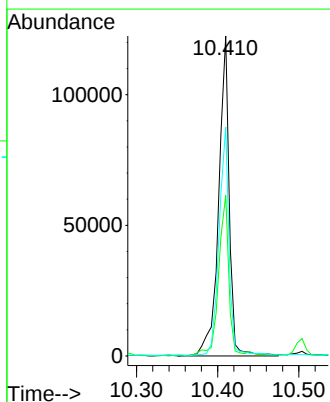
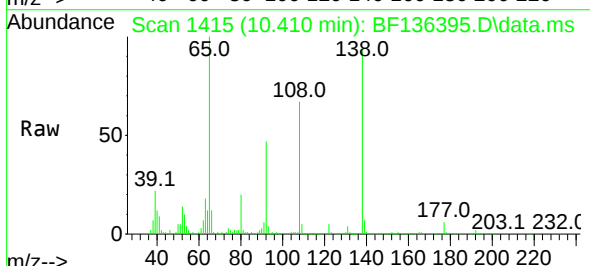
12/05/2023
Supervised By :mohammad
ahmed

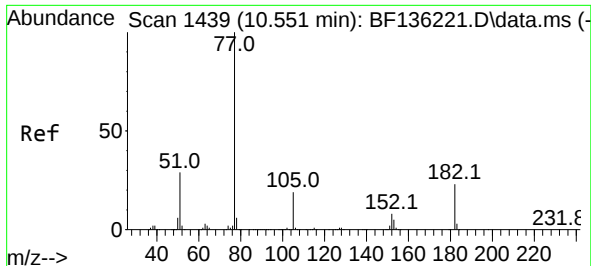
12/05/2023



#62
4-Nitroaniline
Concen: 37.223 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:138 Resp: 112117
Ion Ratio Lower Upper
138 100
92 50.2 28.5 68.5
108 71.6 59.8 99.8





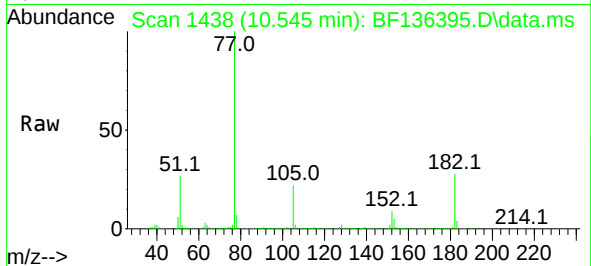
#63
Azobenzene
Concen: 35.800 ng
RT: 10.545 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

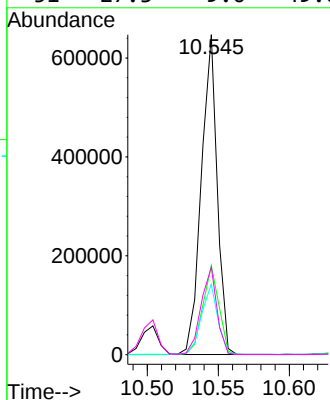
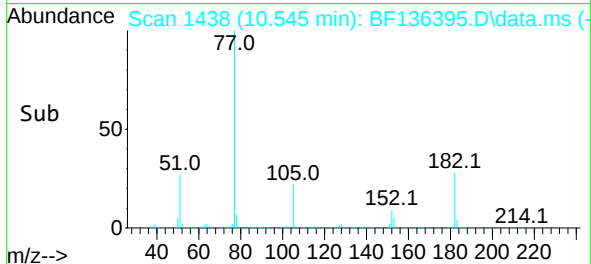
TR-04-112923MS



Tgt Ion: 77 Resp: 503989
Ion Ratio Lower Upper
77 100
182 27.9 3.3 43.3
105 22.0 0.0 39.5
51 27.3 9.0 49.0

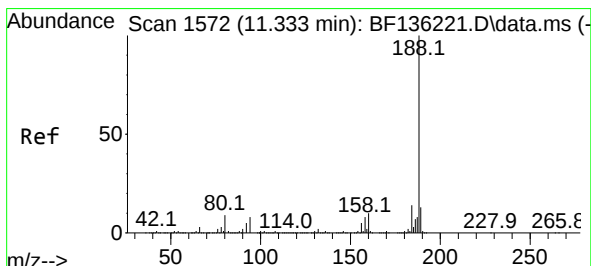
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

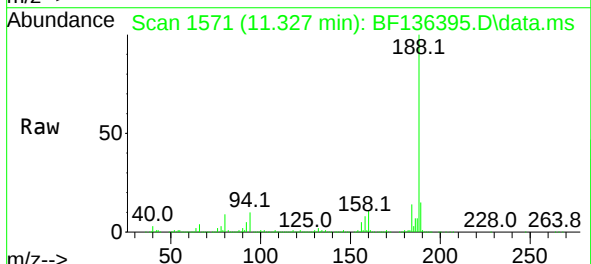


12/05/2023
Supervised By :mohammad
ahmed

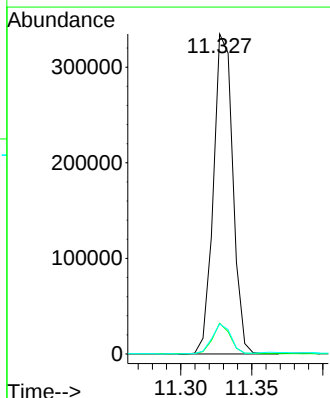
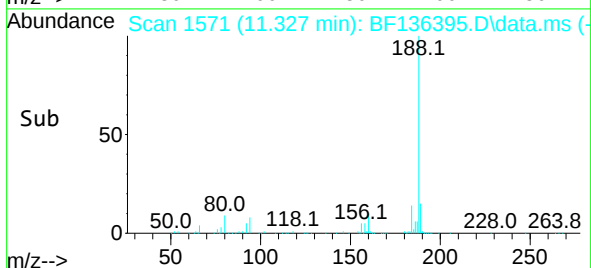
12/05/2023

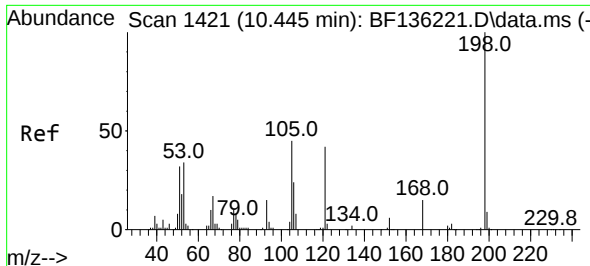


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



Tgt Ion:188 Resp: 316919
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.4 7.2 10.8





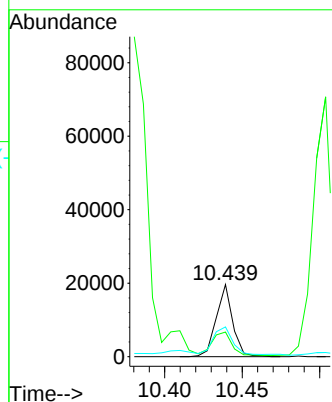
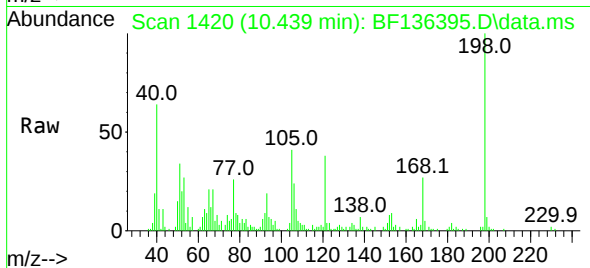
#65
4,6-Dinitro-2-methylphenol
Concen: 8.297 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS

Tgt Ion:198 Resp: 14379
Ion Ratio Lower Upper
198 100
51 34.1 28.2 68.2
105 41.3 25.7 65.7

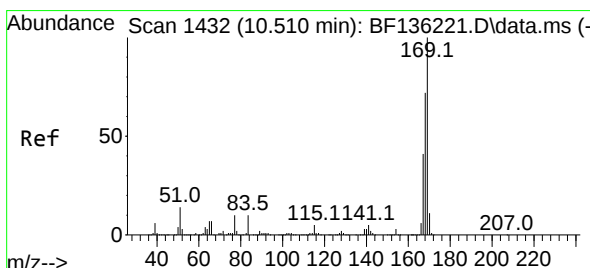
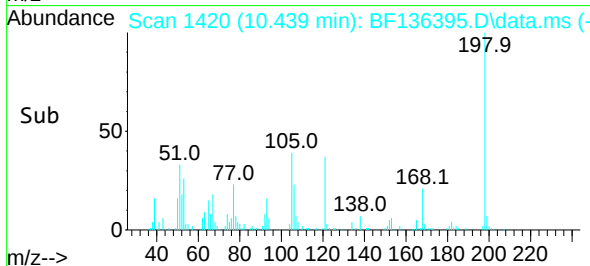
Manual Integrations
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Reviewed By :Yogesh
Patel



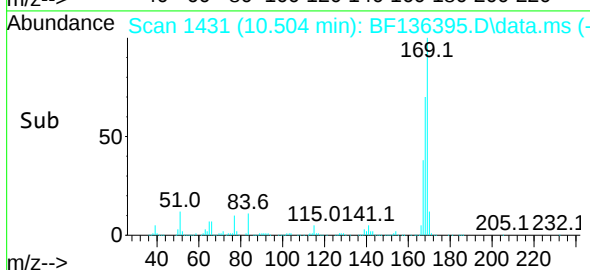
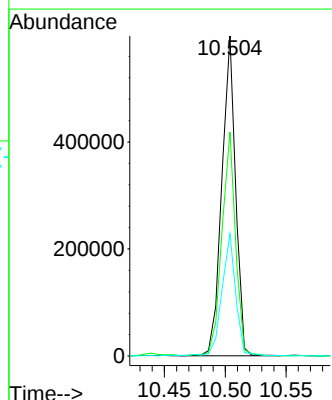
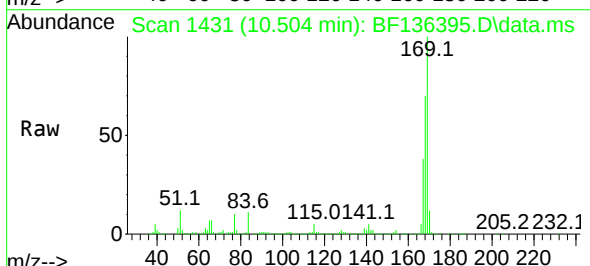
12/05/2023
Supervised By :mohammad
ahmed

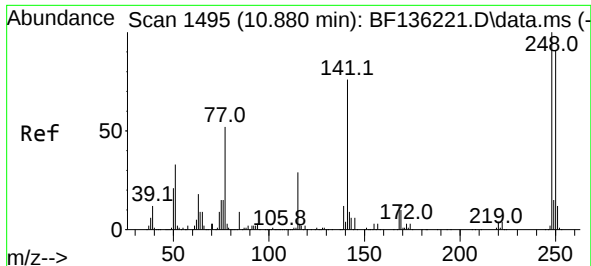
12/05/2023



#66
n-Nitrosodiphenylamine
Concen: 46.355 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:169 Resp: 470790
Ion Ratio Lower Upper
169 100
168 70.0 57.8 86.6
167 38.2 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 43.109 ng
RT: 10.874 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

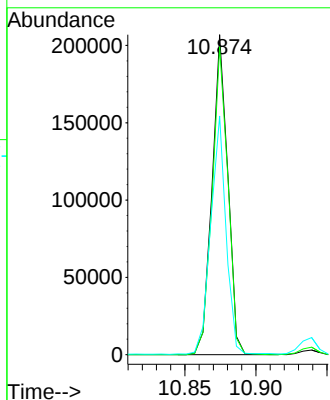
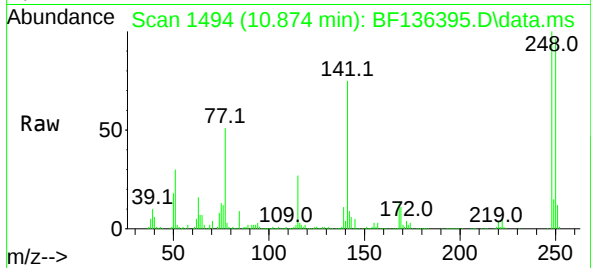
ClientSampleId :

TR-04-112923MS

Tgt Ion:248 Resp: 15939
Ion Ratio Lower Upper
248 100
250 96.2 72.5 108.7
141 74.6 60.8 91.2

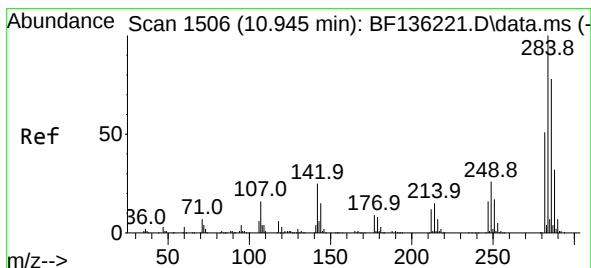
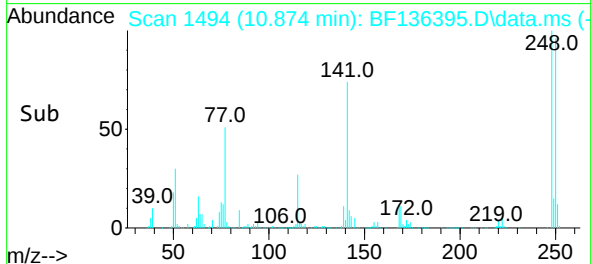
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Patel



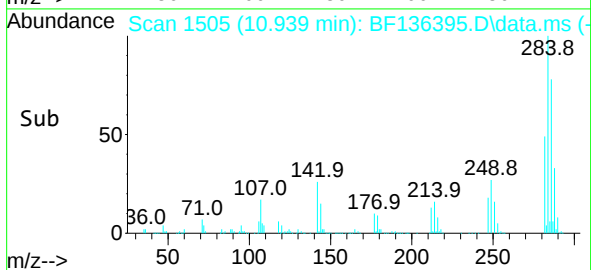
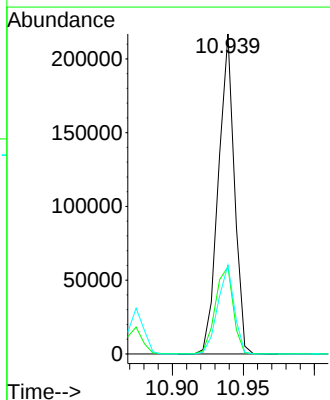
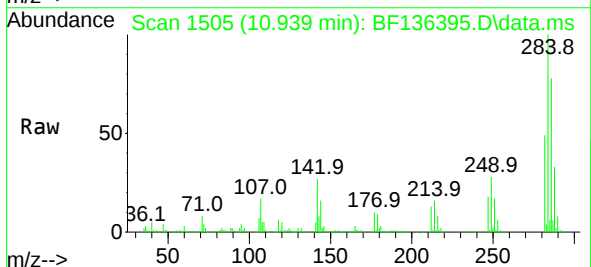
12/05/2023
Supervised By :mohammad
ahmed

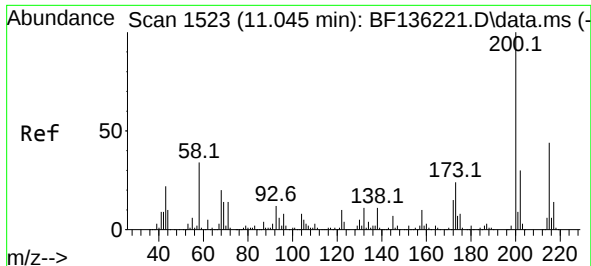
12/05/2023



#68
Hexachlorobenzene
Concen: 39.757 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

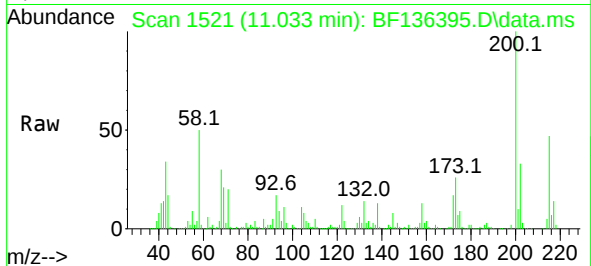
Tgt Ion:284 Resp: 170127
Ion Ratio Lower Upper
284 100
142 27.2 19.8 29.8
249 27.8 21.0 31.4





#69
Atrazine
Concen: 49.378 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

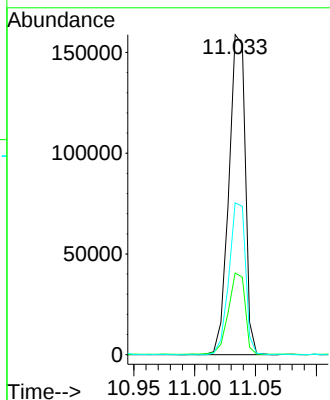
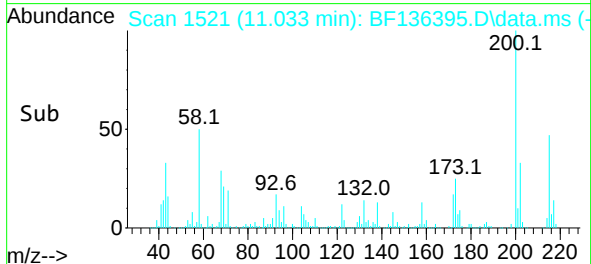
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:200 Resp: 14876
Ion Ratio Lower Upper
200 100
173 25.6 4.3 44.3
215 47.4 23.8 63.8

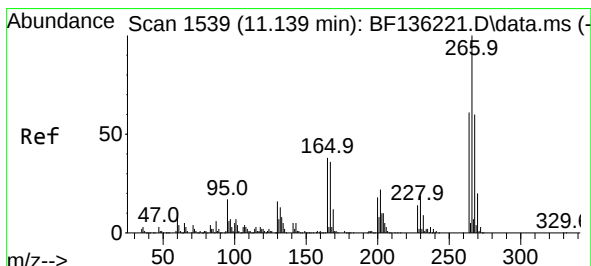
Manual Integrations
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Reviewed By :Yogesh
Patel

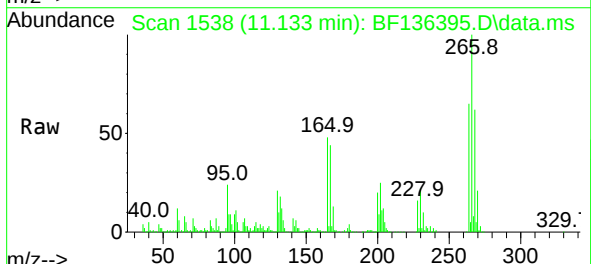


12/05/2023
Supervised By :mohammad
ahmed

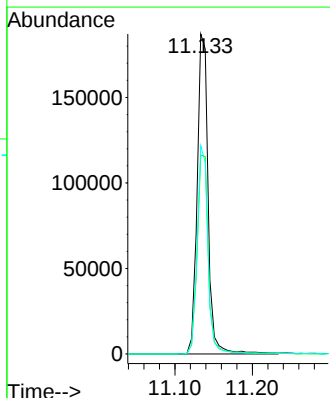
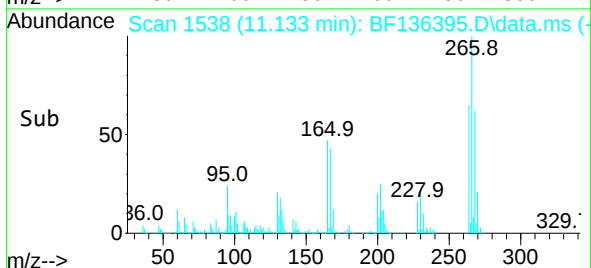
12/05/2023

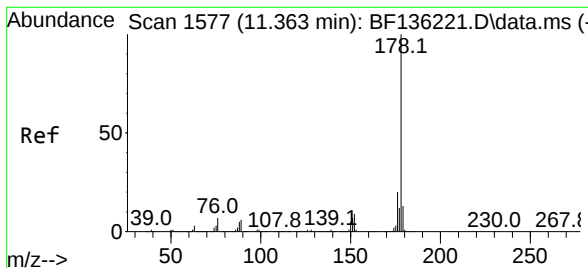


#70
Pentachlorophenol
Concen: 75.725 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



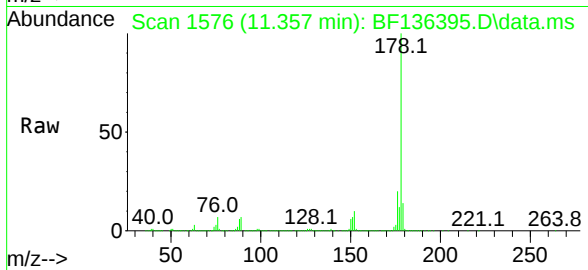
Tgt Ion:266 Resp: 183168
Ion Ratio Lower Upper
266 100
268 62.1 47.9 71.9
264 65.0 49.1 73.7





#71
Phenanthrene
Concen: 50.522 ng
RT: 11.357 min Scan# 11357
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

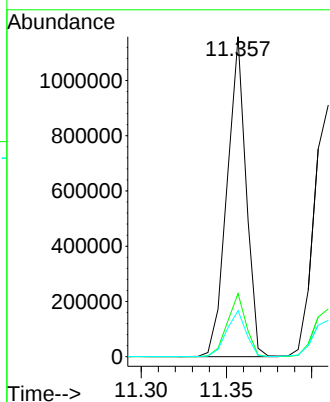
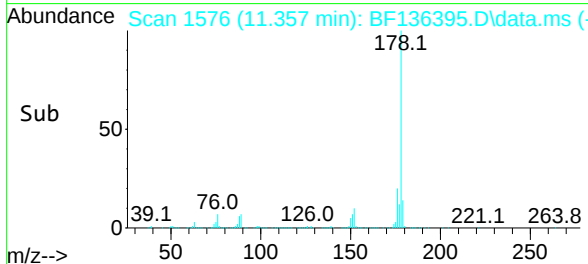
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:178 Resp: 899908
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 14.4 10.3 15.5

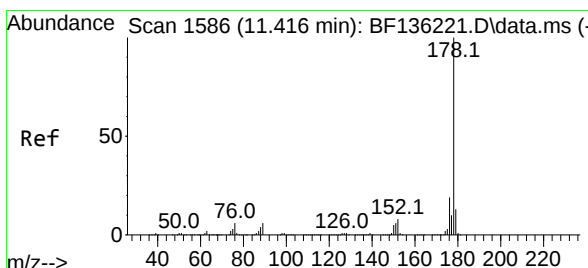
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



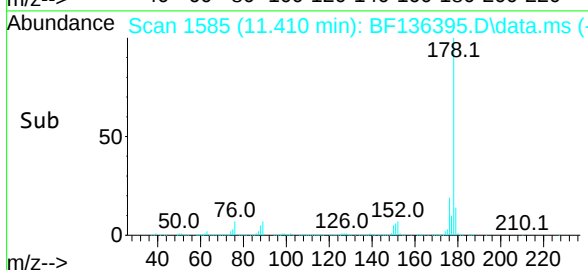
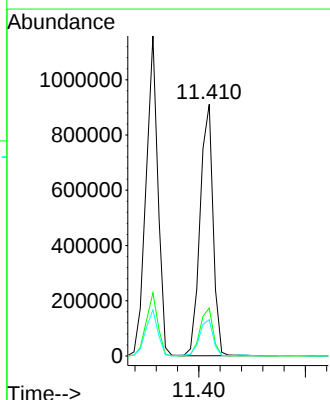
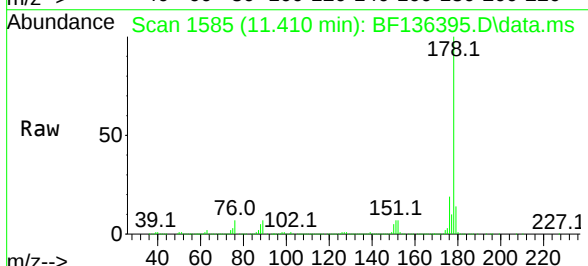
12/05/2023
Supervised By :mohammad
ahmed

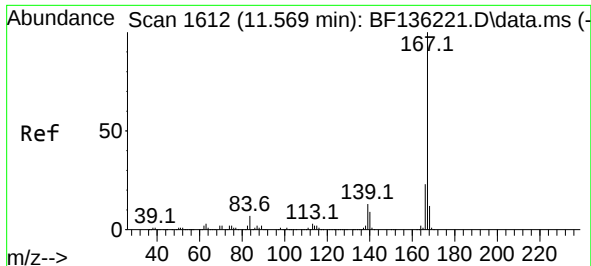
12/05/2023



#72
Anthracene
Concen: 43.326 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

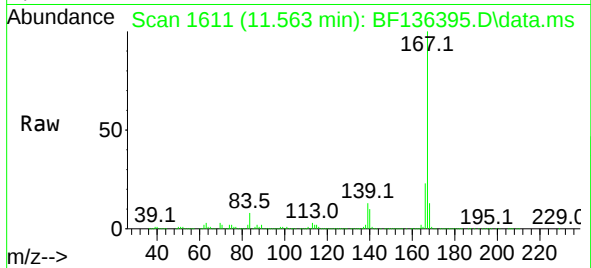
Tgt Ion:178 Resp: 773913
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.4 10.5 15.7





#73
 Carbazole
 Concen: 43.082 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF136395.D
 Acq: 04 Dec 2023 22:12

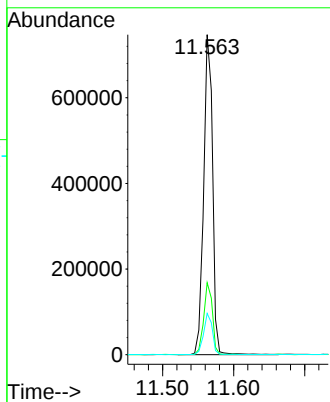
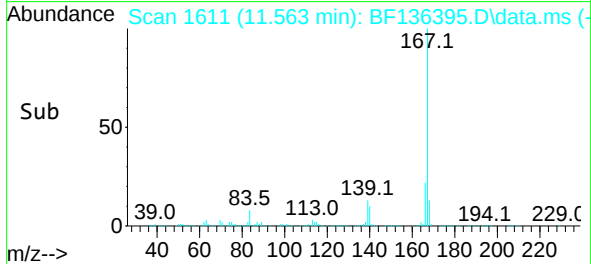
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-112923MS



Tgt Ion:167 Resp: 654512
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 12.9 10.5 15.7

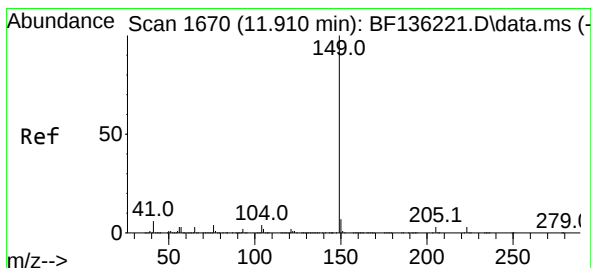
Manual Integrations
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 Patel

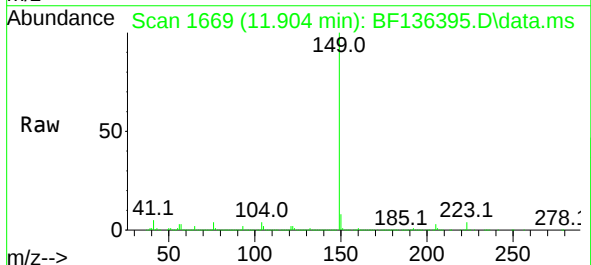


12/05/2023
 Supervised By :mohammad
 ahmed

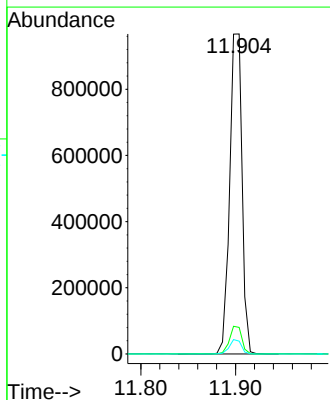
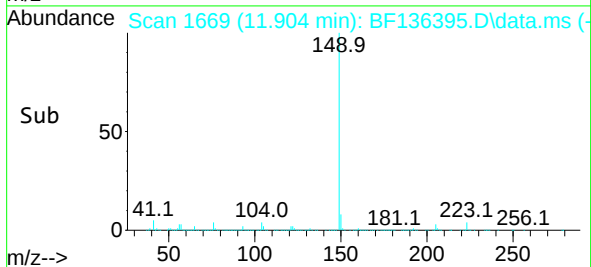
12/05/2023

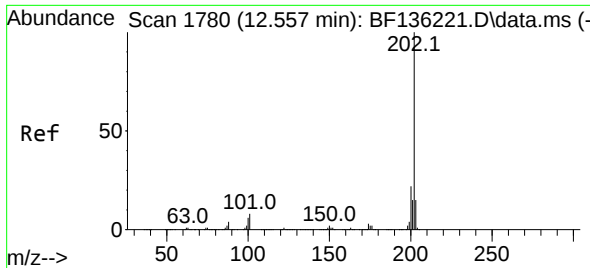


#74
 Di-n-butylphthalate
 Concen: 46.164 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.006 min
 Lab File: BF136395.D
 Acq: 04 Dec 2023 22:12



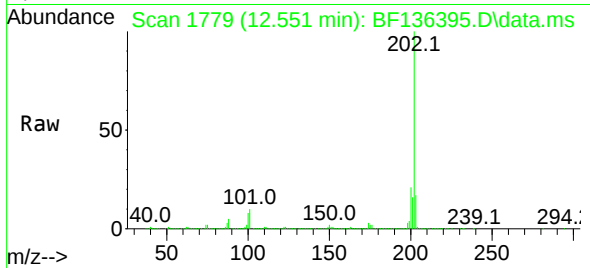
Tgt Ion:149 Resp: 877526
 Ion Ratio Lower Upper
 149 100
 150 8.3 6.0 9.0
 104 4.0 3.5 5.3





#75
Fluoranthene
Concen: 56.281 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

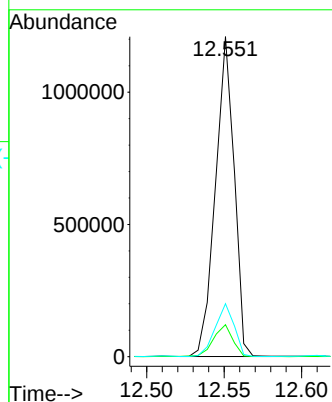
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:202 Resp: 1017690
Ion Ratio Lower Upper
202 100
101 10.0 0.0 27.8
203 16.6 0.0 34.5

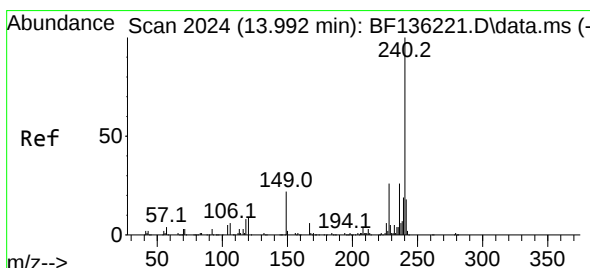
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



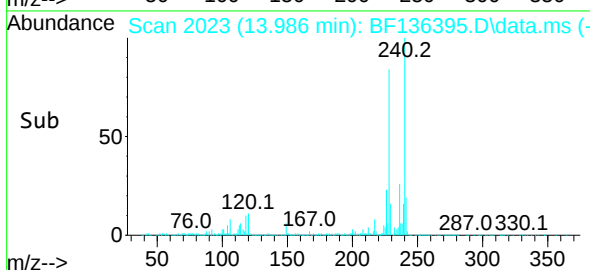
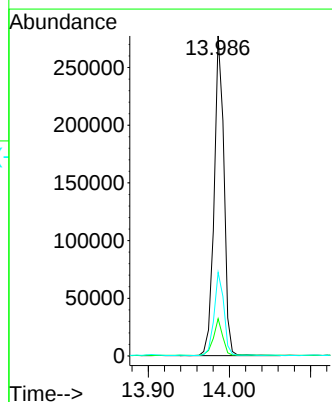
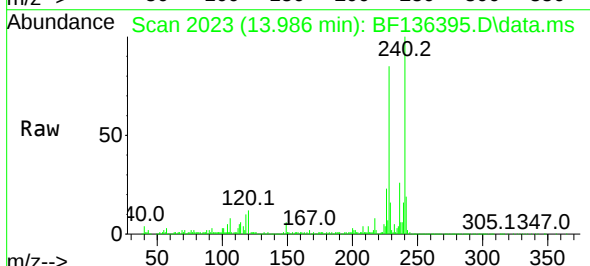
12/05/2023
Supervised By :mohammad
ahmed

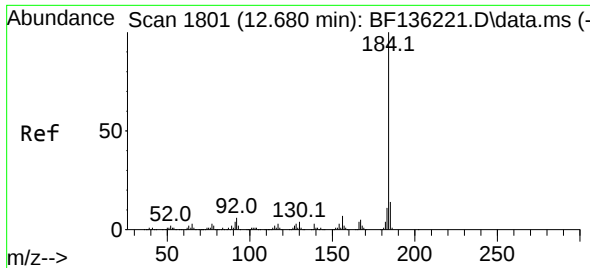
12/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

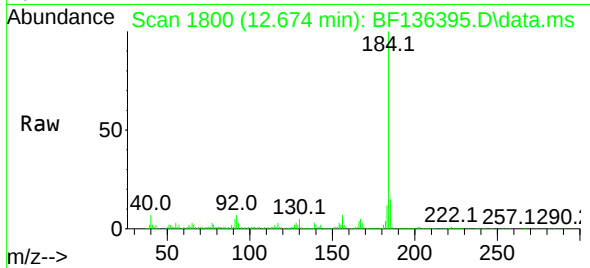
Tgt Ion:240 Resp: 231653
Ion Ratio Lower Upper
240 100
120 11.6 7.4 11.2#
236 26.1 21.1 31.7





#77
Benzidine
Concen: 42.608 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

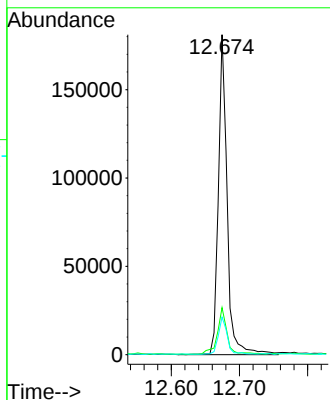
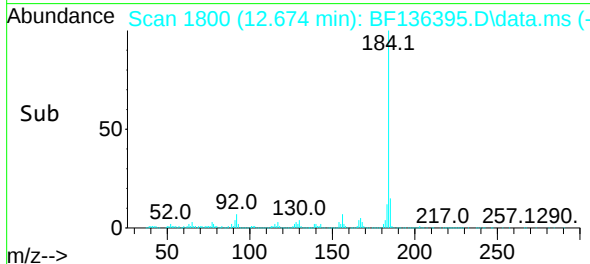
Instrument :
BNA_F
ClientSampleId :
TR-04-112923MS



Tgt Ion:184 Resp: 162249
Ion Ratio Lower Upper
184 100
185 14.7 11.0 16.6
183 11.7 9.0 13.4

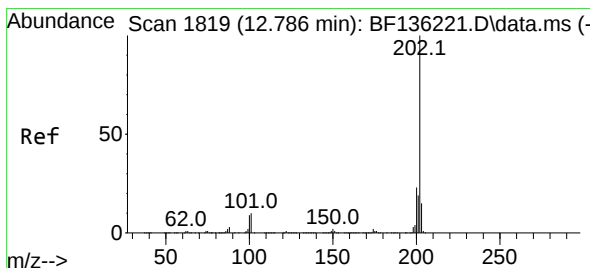
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

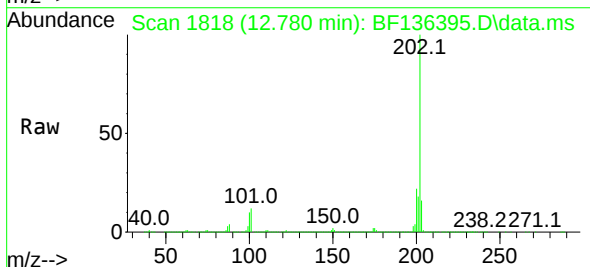


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Supervised By :mohammad
ahmed

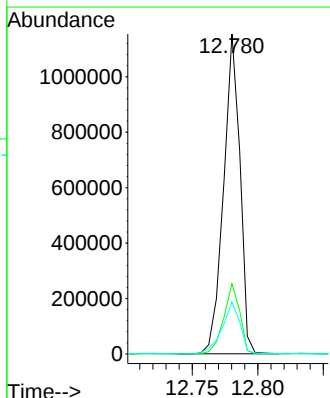
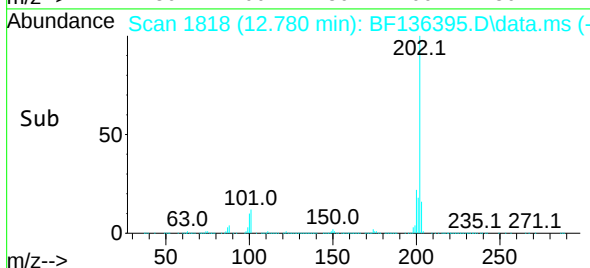
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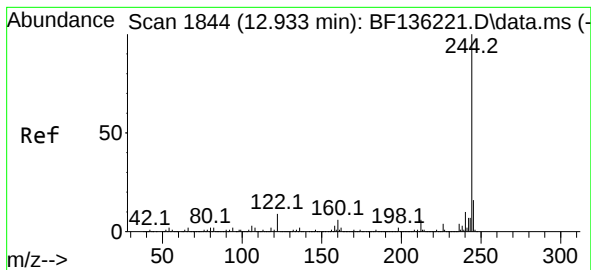


#78
Pyrene
Concen: 39.356 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12



Tgt Ion:202 Resp: 998459
Ion Ratio Lower Upper
202 100
200 22.0 18.4 27.6
203 16.2 11.8 17.6





#79

Terphenyl-d14

Concen: 52.598 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

TR-04-112923MS

Tgt Ion:244 Resp: 1056319

Ion Ratio Lower Upper

244 100

212 5.9 4.6 7.0

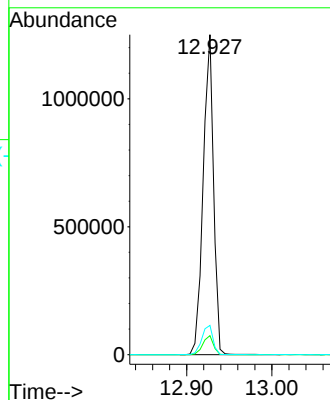
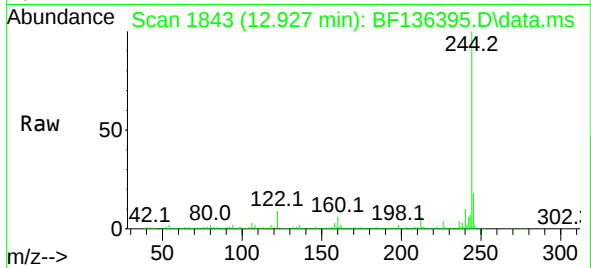
122 9.2 7.3 10.9

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Reviewed By :Yogesh

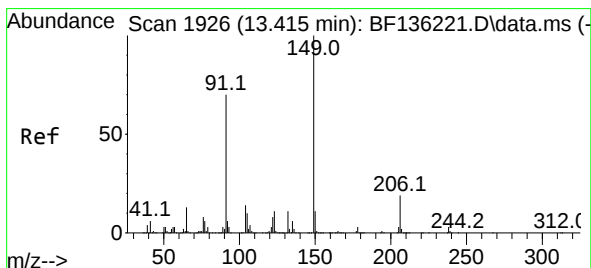
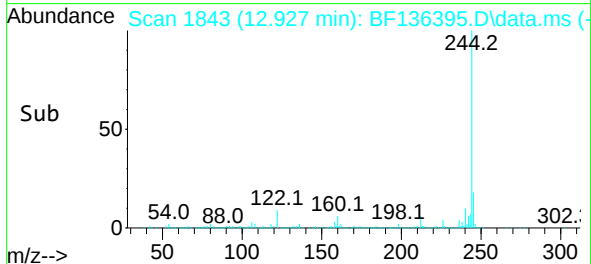
Patel



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ahmed

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#80

Butylbenzylphthalate

Concen: 42.659 ng

RT: 13.410 min Scan# 1925

Delta R.T. 0.006 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

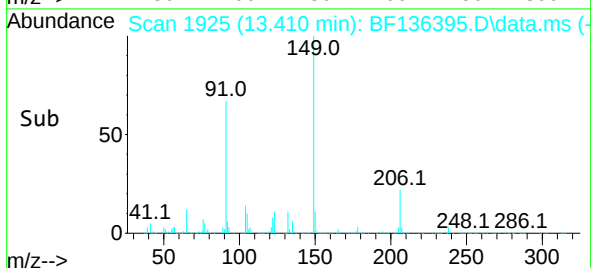
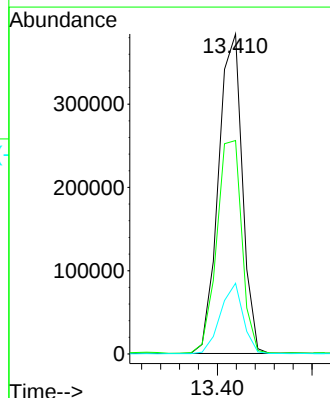
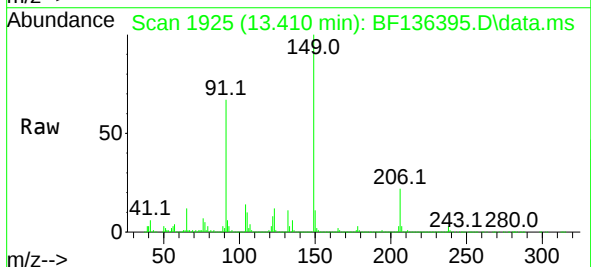
Tgt Ion:149 Resp: 336825

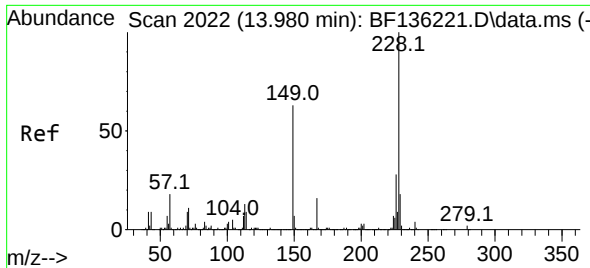
Ion Ratio Lower Upper

149 100

91 66.7 56.4 84.6

206 22.1 14.8 22.2





#81
Benzo(a)anthracene
Concen: 45.575 ng
RT: 13.980 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

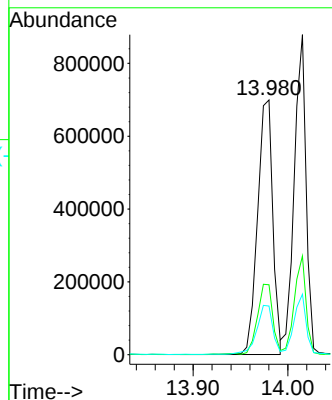
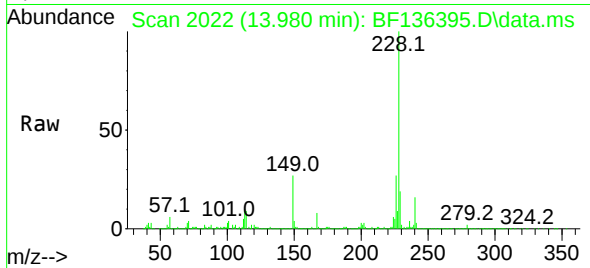
ClientSampleId :

TR-04-112923MS

Tgt Ion:228 Resp: 78419
Ion Ratio Lower Upper
228 100
226 27.4 22.6 34.0
229 19.1 14.0 21.0

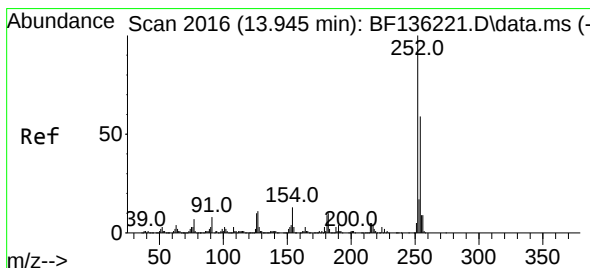
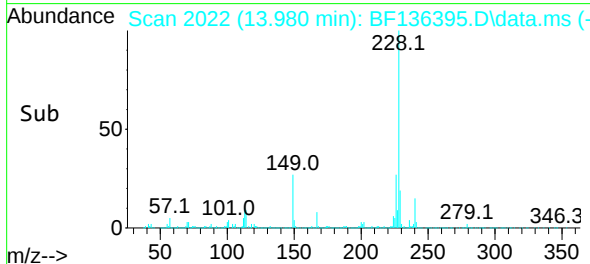
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



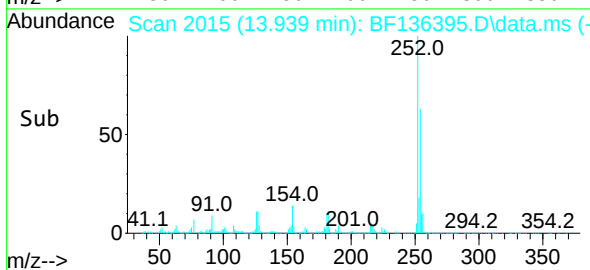
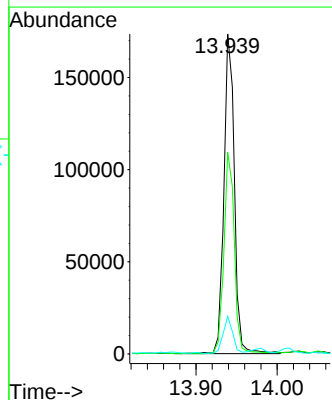
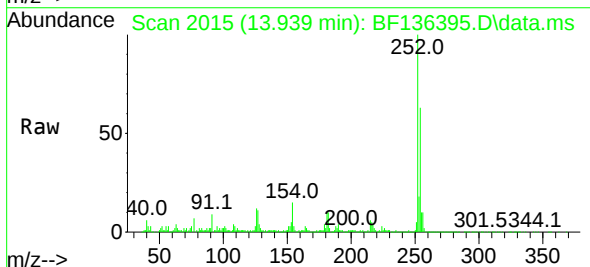
12/05/2023
Supervised By :mohammad
ahmed

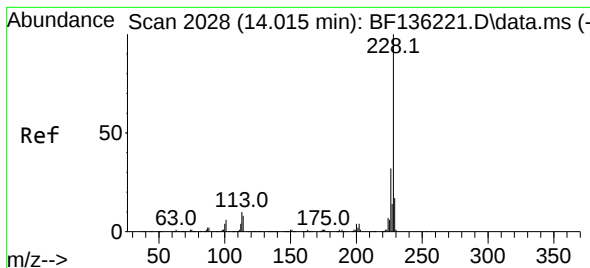
12/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.789 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:252 Resp: 156517
Ion Ratio Lower Upper
252 100
254 63.0 47.4 71.2
126 11.7 8.3 12.5





#83

Chrysene

Concen: 45.738 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

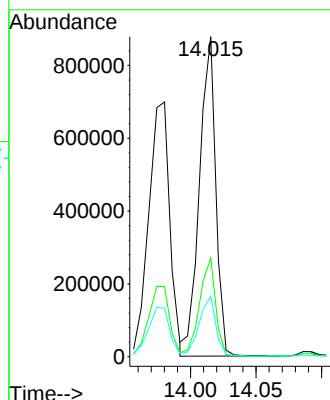
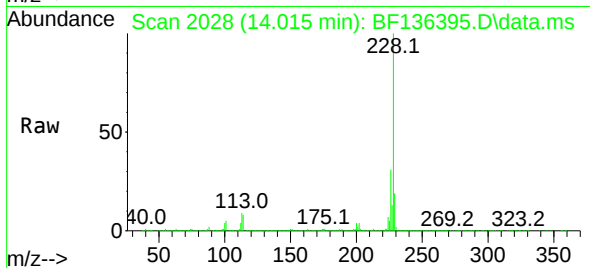
ClientSampleId :

TR-04-112923MS

Tgt Ion:	228	Resp:	759870
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.5	38.3
229	18.9	13.9	20.9

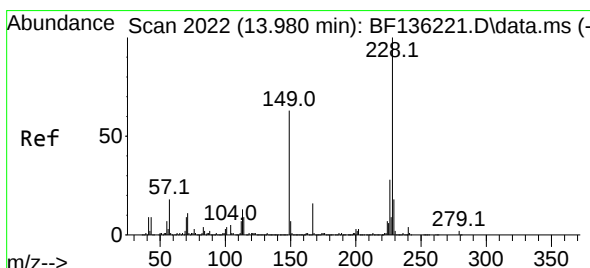
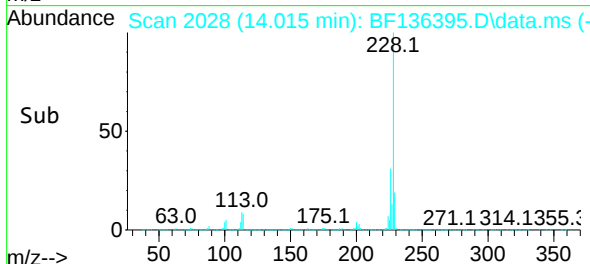
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.071 ng

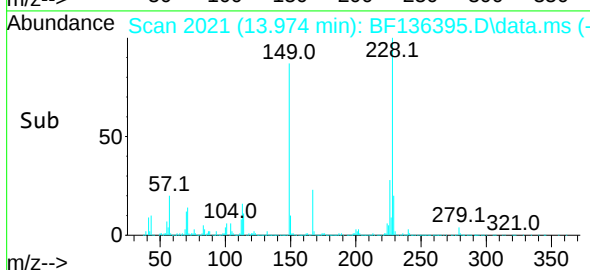
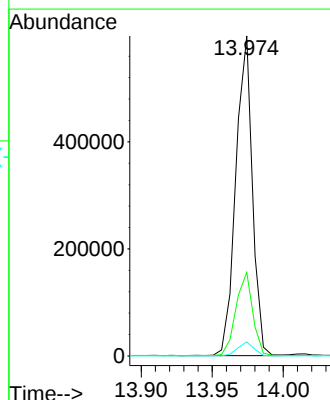
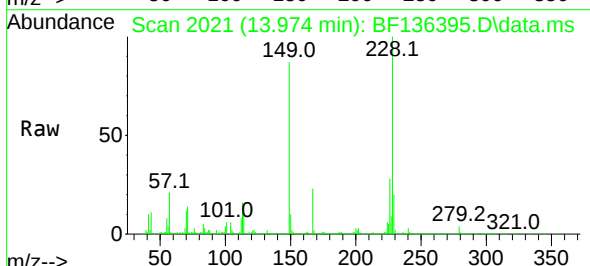
RT: 13.974 min Scan# 2021

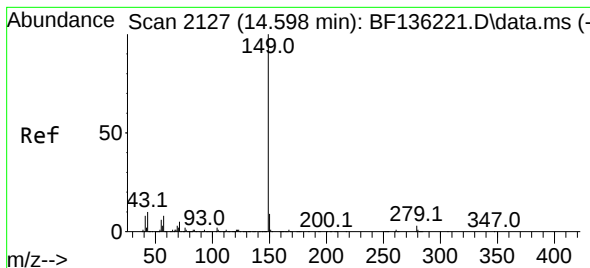
Delta R.T. 0.006 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Tgt Ion:	149	Resp:	483947
Ion Ratio	Lower	Upper	
149	100		
167	26.1	20.2	30.2
279	4.4	2.4	3.6





#85

Di-n-octyl phthalate

Concen: 55.042 ng

RT: 14.592 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

TR-04-112923MS

Tgt Ion:149 Resp: 860158

Ion Ratio Lower Upper

149 100

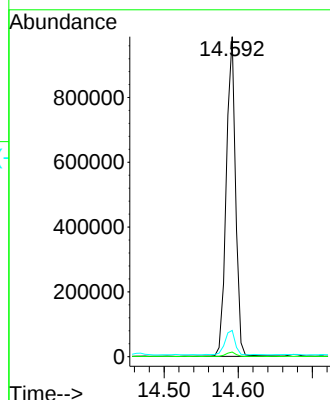
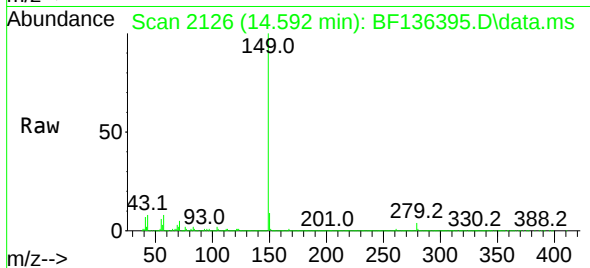
167 1.5 1.0 1.6

43 8.4 7.2 10.8

Manual Integrations

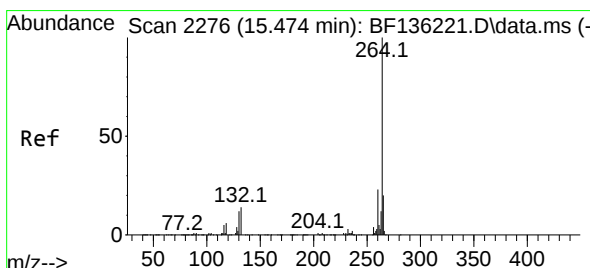
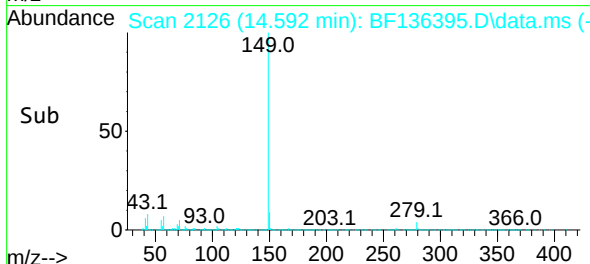
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

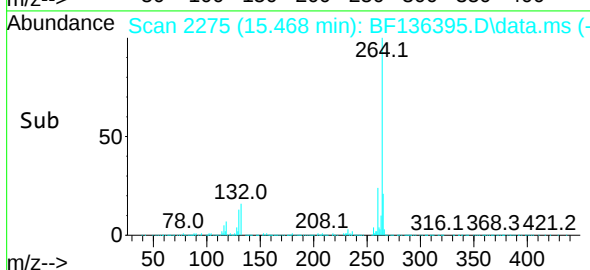
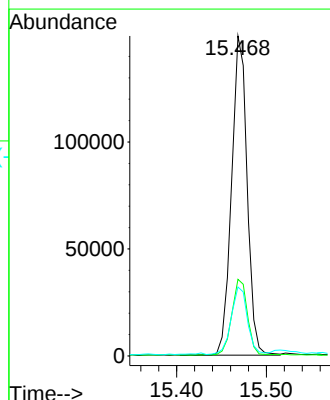
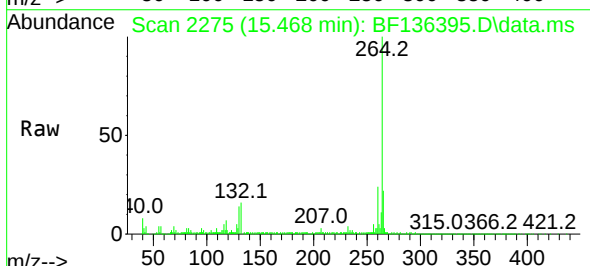
Tgt Ion:264 Resp: 179603

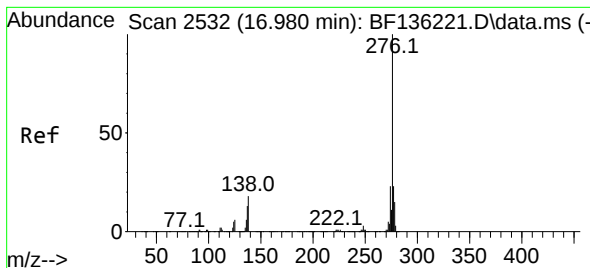
Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.6 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.705 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.024 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

TR-04-112923MS

Tgt Ion:276 Resp: 483800

Ion Ratio Lower Upper

276 100

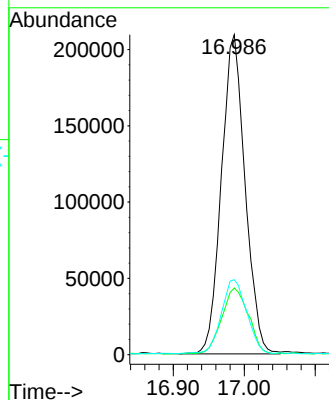
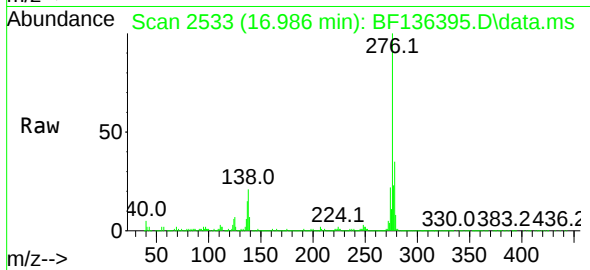
138 23.1 17.7 26.5

277 24.9 19.6 29.4

Manual Integrations

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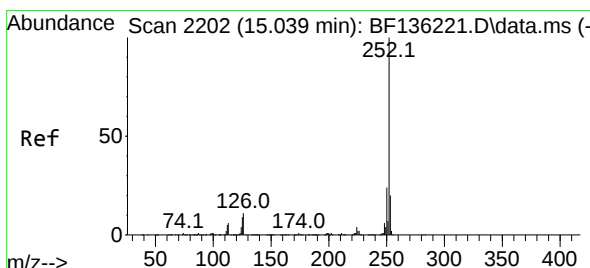
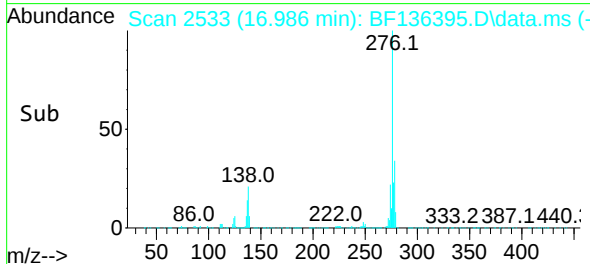
Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#88

Benzo(b)fluoranthene

Concen: 50.358 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.012 min

Lab File: BF136395.D

Acq: 04 Dec 2023 22:12

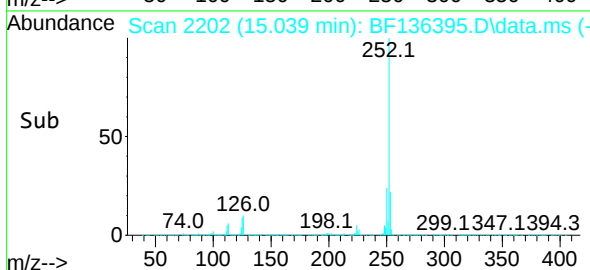
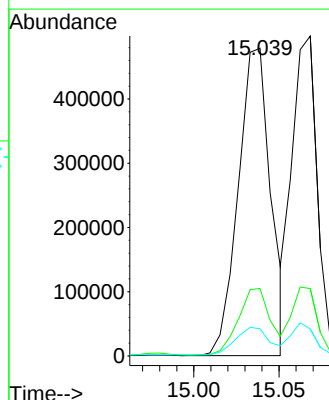
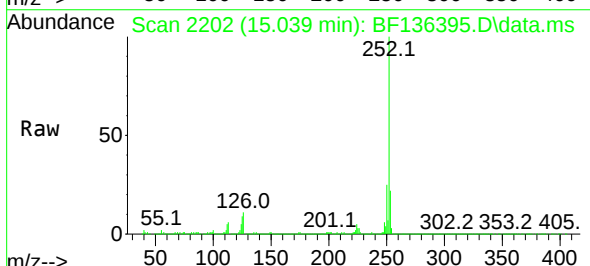
Tgt Ion:252 Resp: 634540

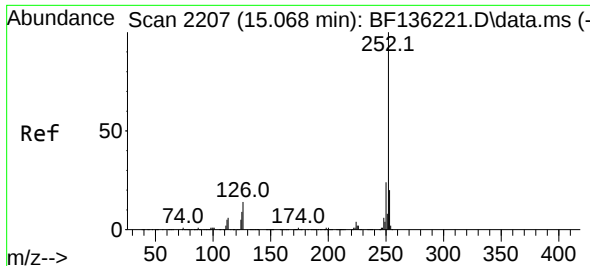
Ion Ratio Lower Upper

252 100

253 21.9 16.2 24.2

125 8.9 6.9 10.3





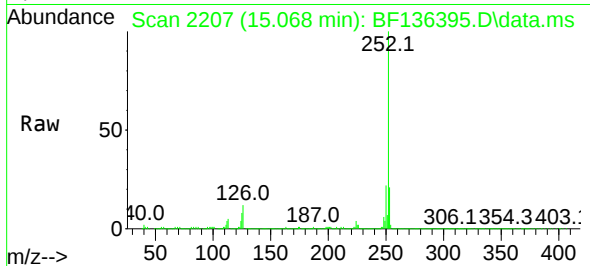
#89
Benzo(k)fluoranthene
Concen: 42.832 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Instrument :

BNA_F

ClientSampleId :

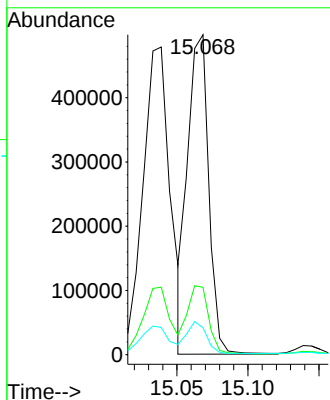
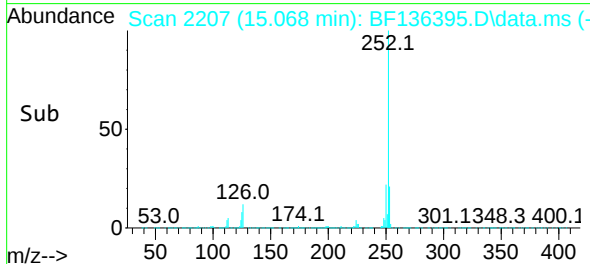
TR-04-112923MS



Tgt Ion:252 Resp: 512598
Ion Ratio Lower Upper
252 100
253 21.1 15.6 23.4
125 8.4 7.0 10.4

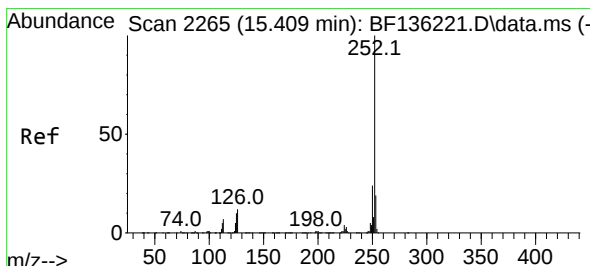
Manual Integrations
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Reviewed By :Yogesh
Patel



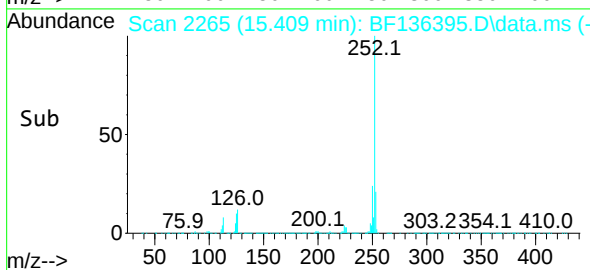
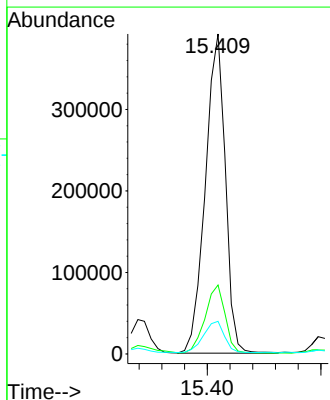
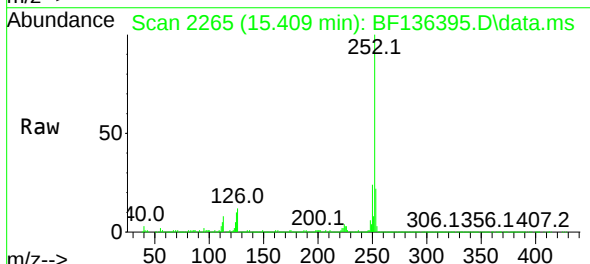
12/05/2023
Supervised By :mohammad
ahmed

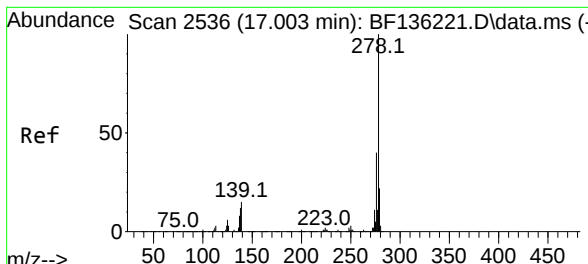
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#90
Benzo(a)pyrene
Concen: 46.361 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.012 min
Lab File: BF136395.D
Acq: 04 Dec 2023 22:12

Tgt Ion:252 Resp: 477550
Ion Ratio Lower Upper
252 100
253 21.6 15.5 23.3
125 10.2 7.9 11.9





#91
 Dibenzo(a,h)anthracene
 Concen: 35.252 ng
 RT: 17.003 min Scan# 2536
 Delta R.T. 0.012 min
 Lab File: BF136395.D
 Acq: 04 Dec 2023 22:12

Instrument :

BNF

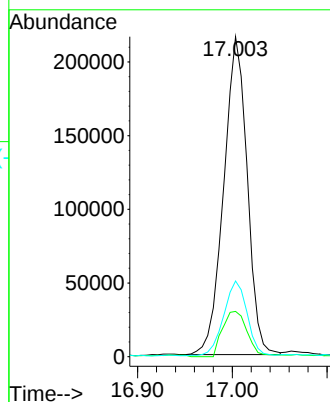
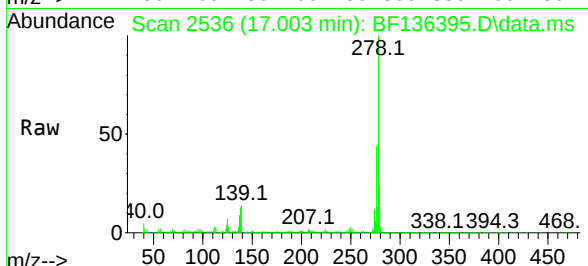
ClientSampleId :

TR-04-112923MS

Tgt Ion:278 Resp: 371600
 Ion Ratio Lower Upper
 278 100
 139 14.1 11.7 17.5
 279 23.7 17.8 26.8

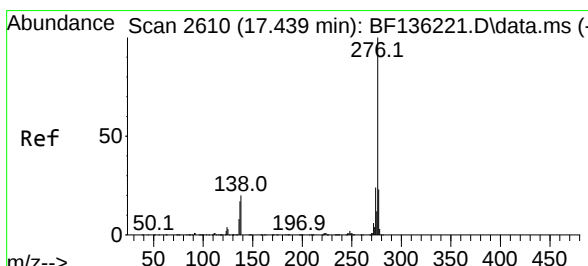
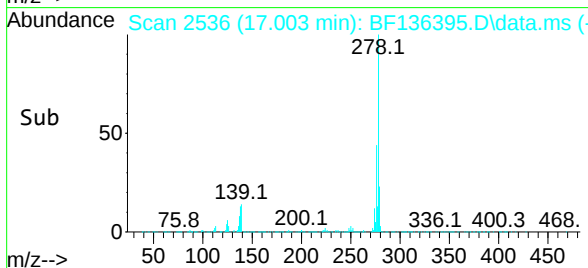
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



12/05/2023
 Supervised By :mohammad
 ahmed

12/05/2023



#92
 Benzo(g,h,i)perylene
 Concen: 35.934 ng
 RT: 17.445 min Scan# 2611
 Delta R.T. 0.024 min
 Lab File: BF136395.D
 Acq: 04 Dec 2023 22:12

Tgt Ion:276 Resp: 383149
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 27.8
 138 20.5 15.8 23.8

