

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136337.D
 Acq On : 01 Dec 2023 14:48
 Operator : CG\JU
 Sample : PB157140BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157140BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 01 15:48:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122405	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	521753	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	263127	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	454025	20.000	ng	0.00
76) Chrysene-d12	13.986	240	199501	20.000	ng	0.00
86) Perylene-d12	15.468	264	240705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	747315	84.976	ng	0.01
7) Phenol-d6	6.445	99	919964	83.662	ng	0.00
23) Nitrobenzene-d5	7.375	82	829448	84.007	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	272674	84.762	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1716553	83.327	ng	0.00
79) Terphenyl-d14	12.933	244	1472714	85.150	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	117267	35.241	ng	97
3) Pyridine	3.440	79	301037	36.648	ng	95
4) n-Nitrosodimethylamine	3.410	42	158429	38.156	ng	89
6) Aniline	6.475	93	394678	37.974	ng	95
8) 2-Chlorophenol	6.592	128	422053	44.075	ng	97
9) Benzaldehyde	6.363	77	153653	25.071	ng	95
10) Phenol	6.463	94	505441	42.845	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	373782	43.190	ng	93
12) 1,3-Dichlorobenzene	6.751	146	441866	40.662	ng	98
13) 1,4-Dichlorobenzene	6.828	146	444752	40.260	ng	96
14) 1,2-Dichlorobenzene	6.975	146	420081	40.167	ng	96
15) Benzyl Alcohol	6.951	79	320836	41.615	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	505065	42.015	ng	96
17) 2-Methylphenol	7.063	107	327659	43.524	ng	99
18) Hexachloroethane	7.316	117	157234	40.577	ng	89
19) n-Nitroso-di-n-propyla...	7.222	70	281463	42.797	ng	97
20) 3+4-Methylphenols	7.216	107	414012	42.315	ng	93
22) Acetophenone	7.216	105	574714	41.941	ng	# 97
24) Nitrobenzene	7.392	77	412577	41.234	ng	91
25) Isophorone	7.628	82	767612	43.116	ng	98
26) 2-Nitrophenol	7.704	139	212871	49.932	ng	98
27) 2,4-Dimethylphenol	7.745	122	361572	64.437	ng	94
28) bis(2-Chloroethoxy)met...	7.839	93	478939	44.474	ng	99
29) 2,4-Dichlorophenol	7.945	162	349038	46.116	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	387468	41.814	ng	97
31) Naphthalene	8.110	128	1261520	43.016	ng	98
32) Benzoic acid	7.875	122	239529	46.838	ng	99
33) 4-Chloroaniline	8.157	127	185972	18.656	ng	97
34) Hexachlorobutadiene	8.222	225	222029	40.956	ng	99
35) Caprolactam	8.533	113	103670m	48.998	ng	
36) 4-Chloro-3-methylphenol	8.645	107	359188	43.757	ng	94
37) 2-Methylnaphthalene	8.798	142	796241	43.283	ng	97
38) 1-Methylnaphthalene	8.898	142	735594	40.989	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	369387	44.111	ng	98
41) Hexachlorocyclopentadiene	8.951	237	485711	150.739	ng	96
43) 2,4,6-Trichlorophenol	9.080	196	246730	45.394	ng	94

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 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	9.122	196	264203	44.542	ng	100	12/04/2023
46) 1,1'-Biphenyl	9.269	154	1012570	43.638	ng	98	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.292	162	774177	42.963	ng	98	
48) 2-Nitroaniline	9.386	65	210293	44.699	ng	90	
49) Acenaphthylene	9.704	152	1161762	45.178	ng	99	
50) Dimethylphthalate	9.575	163	889721	44.737	ng	# 99	
51) 2,6-Dinitrotoluene	9.633	165	185279	45.603	ng	97	12/05/2023
52) Acenaphthene	9.880	154	718293	44.201	ng	98	
53) 3-Nitroaniline	9.798	138	117230	29.080	ng	99	
54) 2,4-Dinitrophenol	9.910	184	178058	94.231	ng	99	
55) Dibenzofuran	10.051	168	1056011	43.670	ng	99	
56) 4-Nitrophenol	9.969	139	252640	82.513	ng	89	
57) 2,4-Dinitrotoluene	10.039	165	239267	44.087	ng	95	
58) Fluorene	10.398	166	808913	42.646	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	221040	46.836	ng	98	
60) Diethylphthalate	10.274	149	848722	42.662	ng	98	
61) 4-Chlorophenyl-phenyle...	10.386	204	396094	43.000	ng	95	
62) 4-Nitroaniline	10.422	138	159862	40.512	ng	93	
63) Azobenzene	10.551	77	773568	41.943	ng	95	
65) 4,6-Dinitro-2-methylph...	10.445	198	124635	50.199	ng	95	
66) n-Nitrosodiphenylamine	10.510	169	705387	48.481	ng	99	
67) 4-Bromophenyl-phenylether	10.880	248	250796	47.348	ng	96	
68) Hexachlorobenzene	10.945	284	284020	46.329	ng	98	
69) Atrazine	11.045	200	225732	52.299	ng	96	
70) Pentachlorophenol	11.139	266	271652	78.392	ng	97	
71) Phenanthrene	11.363	178	1169709	45.838	ng	99	
72) Anthracene	11.416	178	1198588	46.838	ng	99	
73) Carbazole	11.569	167	915519	42.064	ng	99	
74) Di-n-butylphthalate	11.904	149	1188178	43.631	ng	99	
75) Fluoranthene	12.551	202	1009622	38.973	ng	95	
77) Benzidine	12.674	184	163995	50.007	ng	100	
78) Pyrene	12.780	202	987040	45.176	ng	98	
80) Butylbenzylphthalate	13.410	149	315866	46.452	ng	99	
81) Benzo(a)anthracene	13.974	228	662129	44.683	ng	98	
82) 3,3'-Dichlorobenzidine	13.945	252	157254	44.086	ng	96	
83) Chrysene	14.015	228	645636	45.125	ng	98	
84) Bis(2-ethylhexyl)phtha...	13.974	149	393574	48.228	ng	# 97	
85) Di-n-octyl phthalate	14.592	149	732219	54.466	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.980	276	818873	45.651	ng	99	
88) Benzo(b)fluoranthene	15.033	252	723772	42.858	ng	98	
89) Benzo(k)fluoranthene	15.068	252	678183	42.283	ng	99	
90) Benzo(a)pyrene	15.409	252	631140	45.718	ng	98	
91) Dibenzo(a,h)anthracene	17.003	278	661235	45.915	ng	99	
92) Benzo(g,h,i)perylene	17.445	276	650173	44.993	ng	99	

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

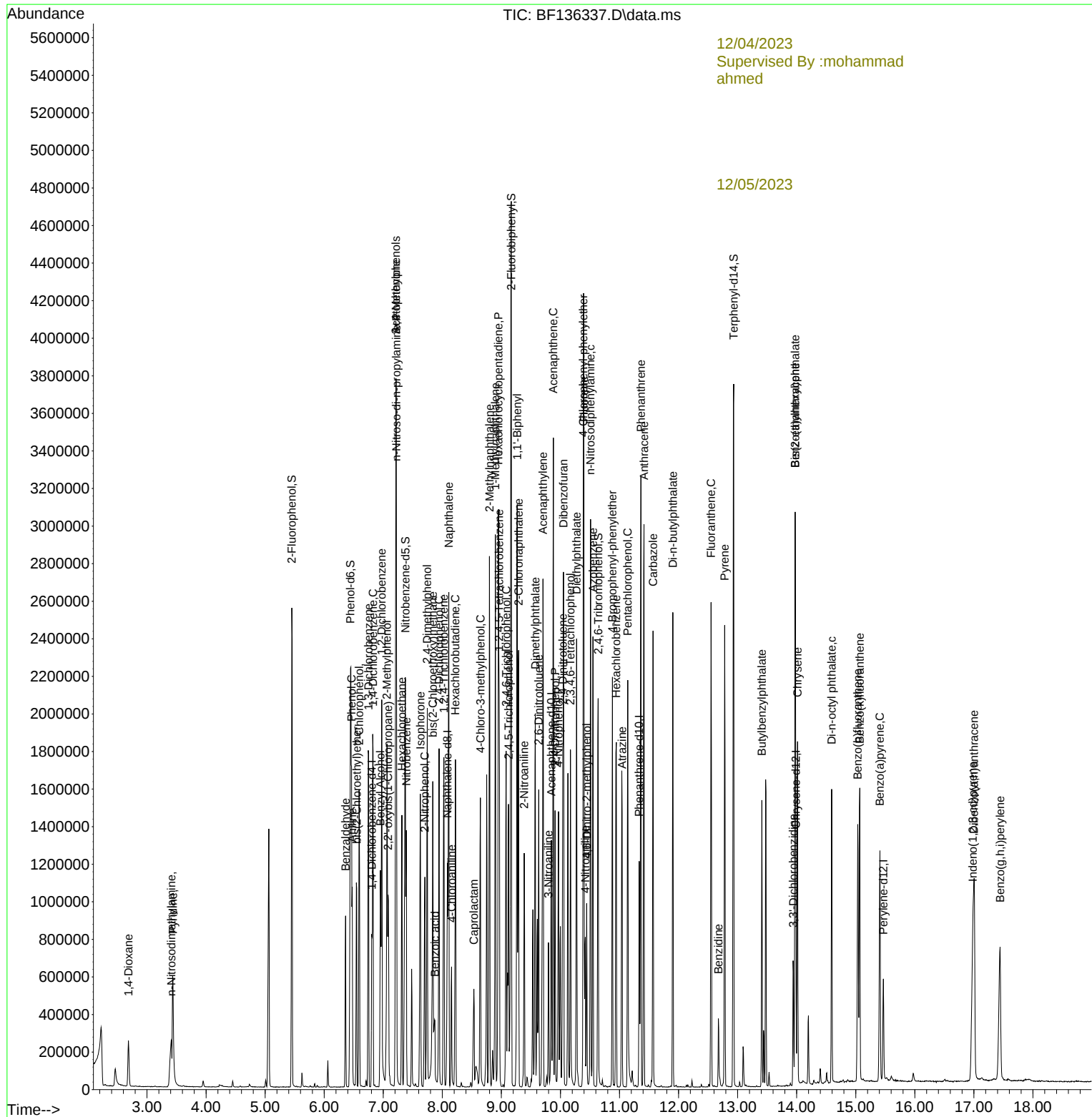
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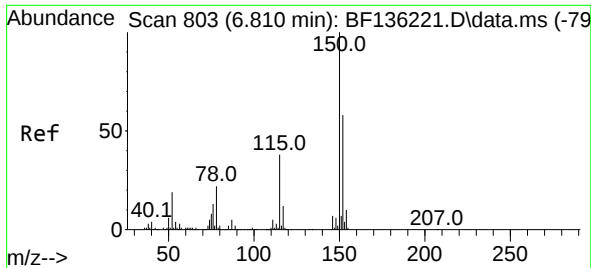
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

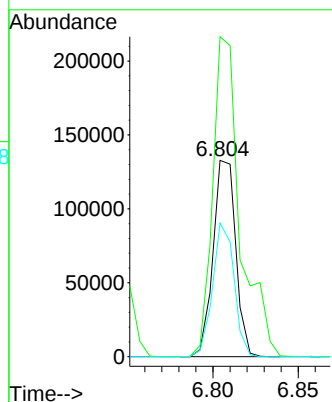
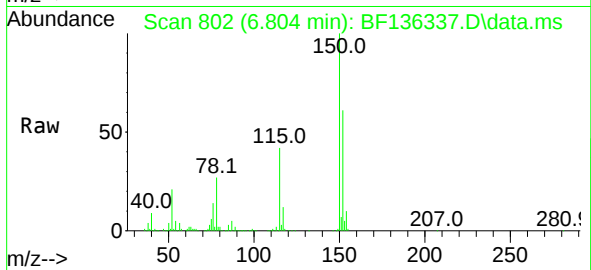
ClientSampleId :

PB157140BS

Tgt Ion:152 Resp: 122409
Ion Ratio Lower Upper
152 100
150 163.0 137.8 206.8
115 68.0 52.7 79.1

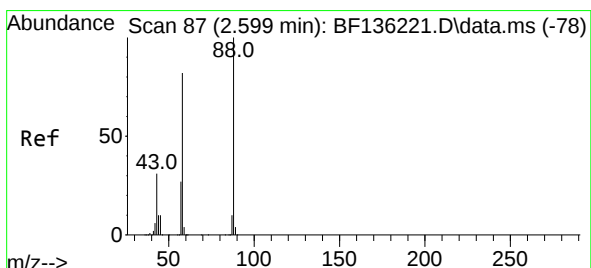
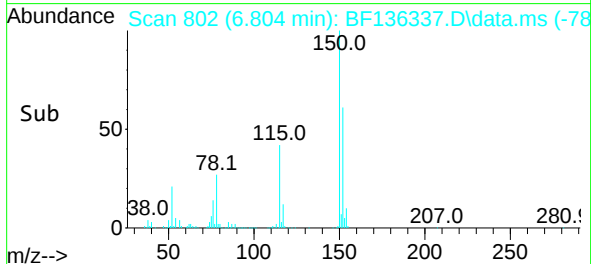
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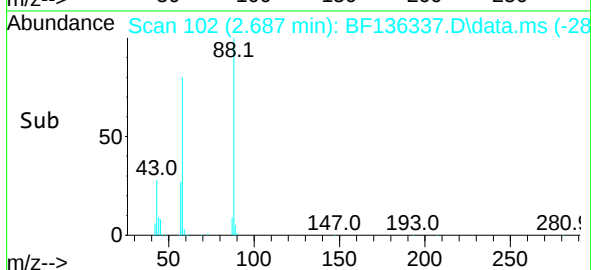
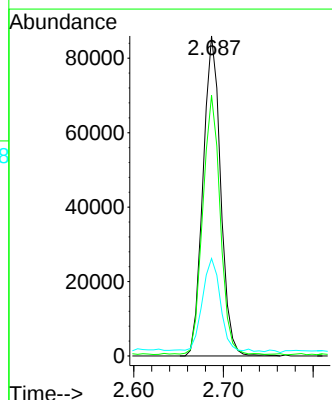
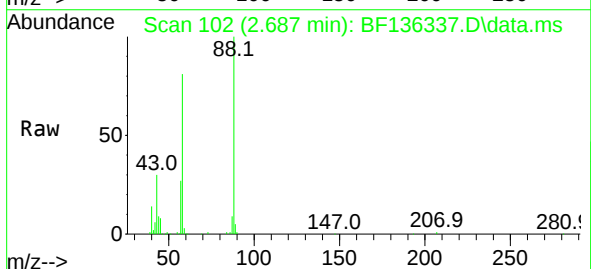
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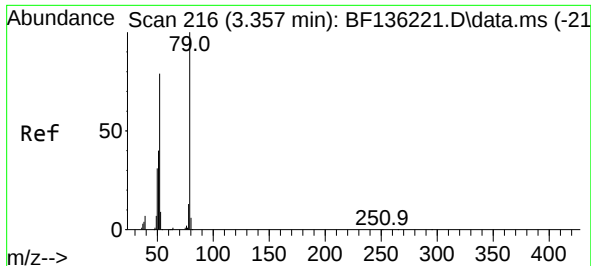
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#2
1,4-Dioxane
Concen: 35.241 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.088 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

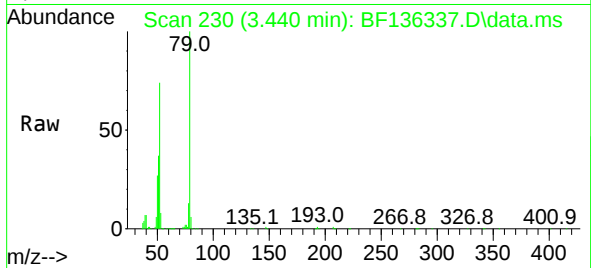
Tgt Ion: 88 Resp: 117267
Ion Ratio Lower Upper
88 100
58 79.8 65.9 98.9
43 29.0 24.8 37.2





#3
Pyridine
Concen: 36.648 ng
RT: 3.440 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

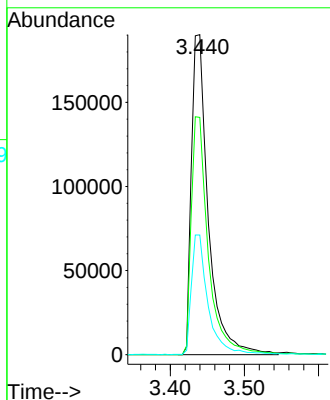
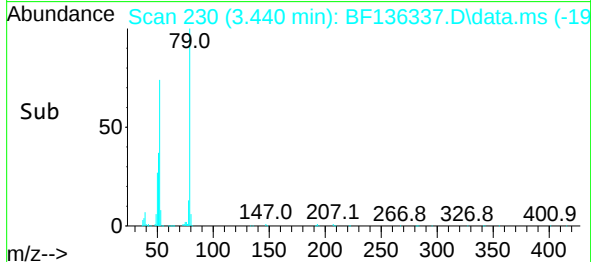
Instrument :
BNA_F
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Tgt Ion: 79 Resp: 30103
Ion Ratio Lower Upper
79 100
52 74.2 63.2 94.8
51 37.4 32.6 49.0

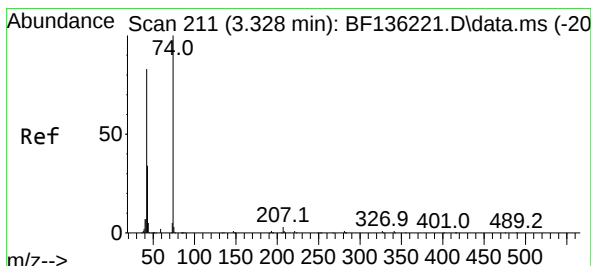
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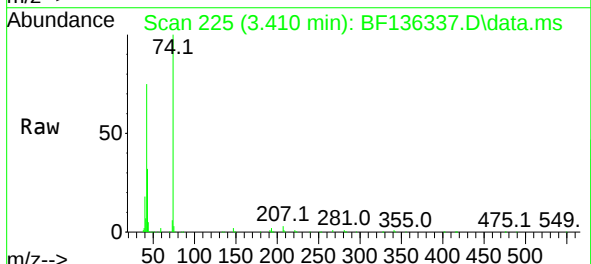


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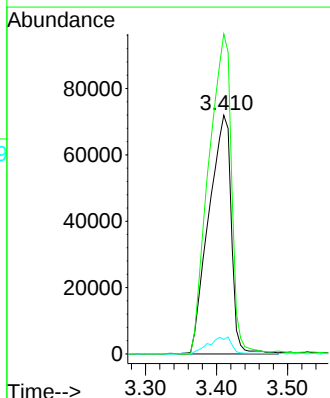
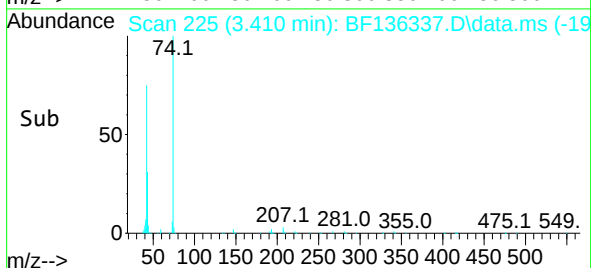
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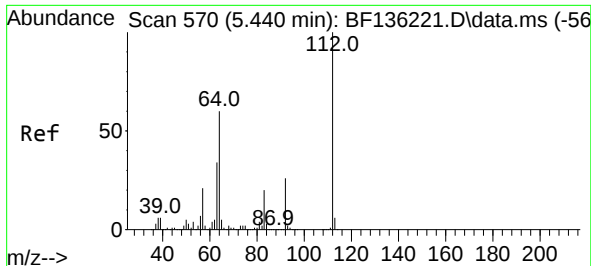


#4
n-Nitrosodimethylamine
Concen: 38.156 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.082 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion: 42 Resp: 158429
Ion Ratio Lower Upper
42 100
74 134.1 96.6 144.8
44 6.1 5.4 8.2





#5
2-Fluorophenol
Concen: 84.976 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

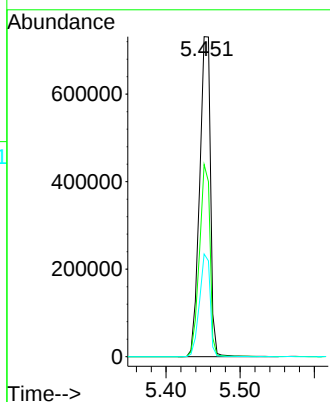
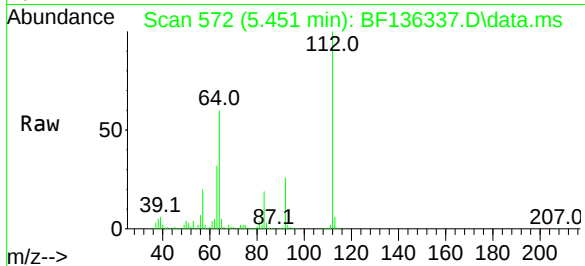
ClientSampleId :

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Tgt Ion:112 Resp: 747315
Ion Ratio Lower Upper
112 100
64 60.0 48.2 72.4
63 32.1 27.0 40.6

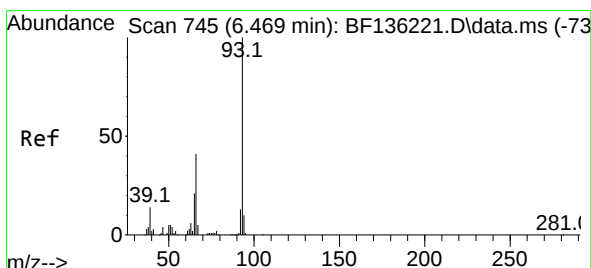
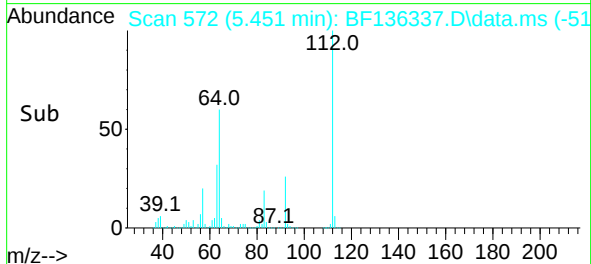
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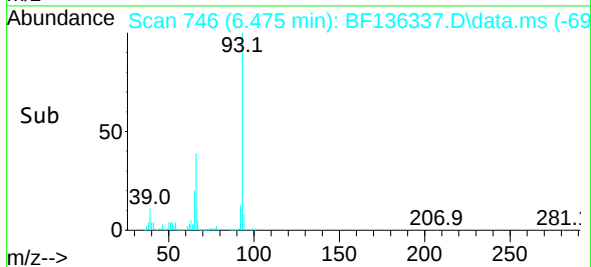
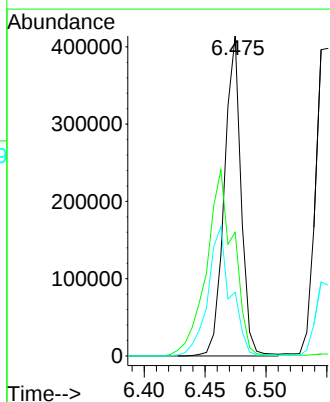
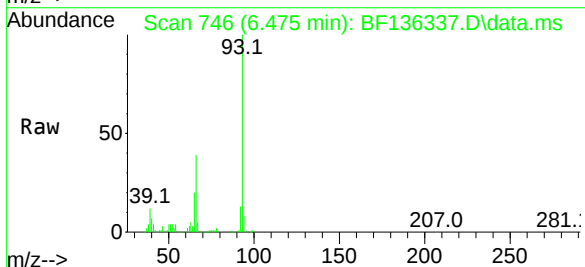
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#6
Aniline
Concen: 37.974 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136337.D
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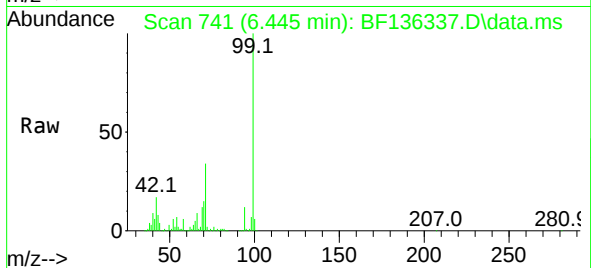
Tgt Ion: 93 Resp: 394678
Ion Ratio Lower Upper
93 100
66 38.7 34.1 51.1
65 19.9 17.3 25.9





#7
Phenol-d6
Concen: 83.662 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

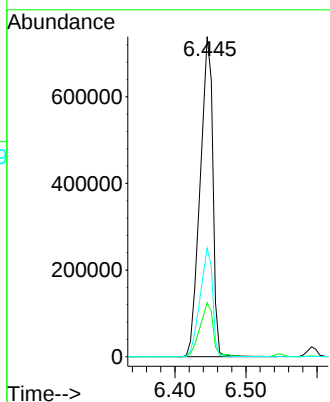
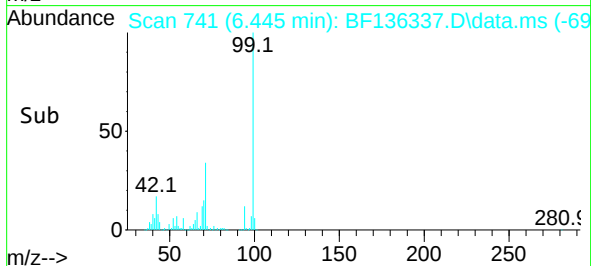
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Tgt Ion: 99 Resp: 919964
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.6
71 34.0 28.9 43.3

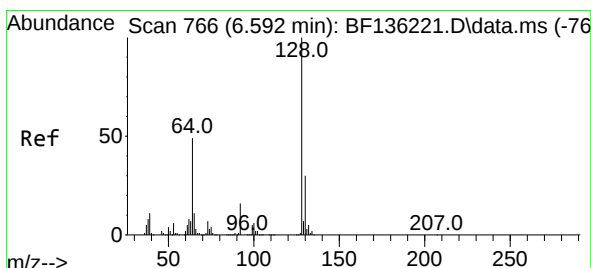
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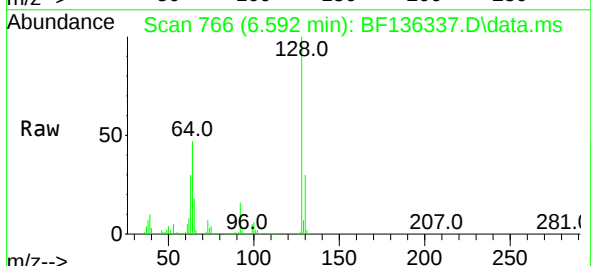


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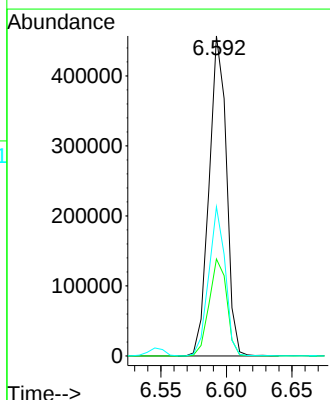
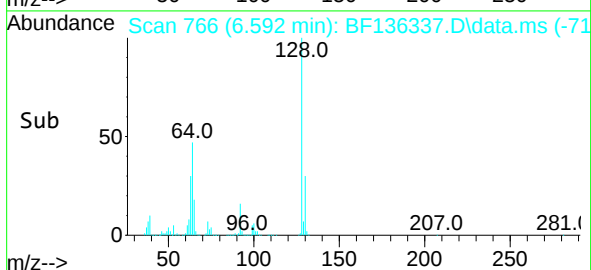
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#8
2-Chlorophenol
Concen: 44.075 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136337.D
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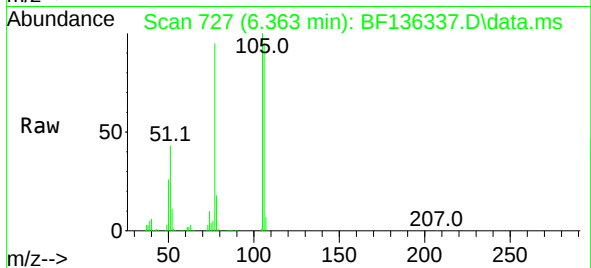
Tgt Ion:128 Resp: 422053
Ion Ratio Lower Upper
128 100
130 30.3 10.3 50.3
64 46.6 30.0 70.0





#9
Benzaldehyde
Concen: 25.071 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.000 min
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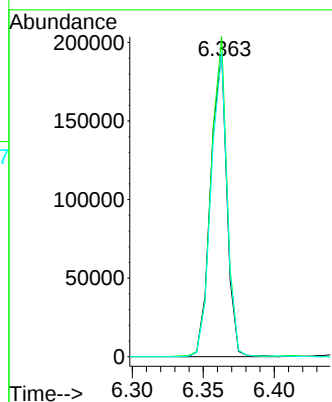
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Tgt Ion: 77 Resp: 15365
Ion Ratio Lower Upper
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105 105.2 84.3 124.3
106 100.1 71.0 111.0

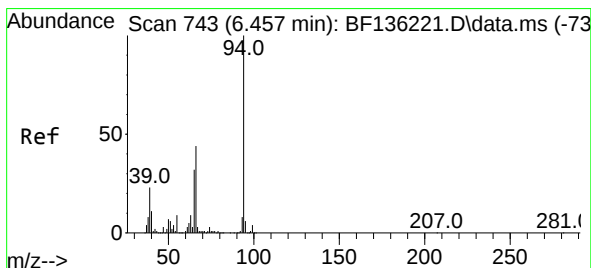
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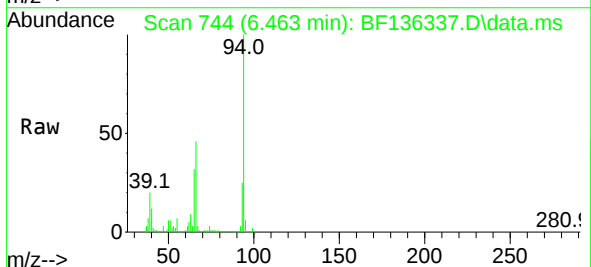


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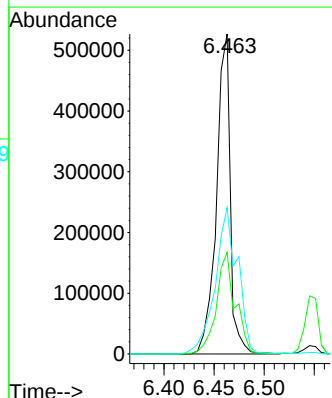
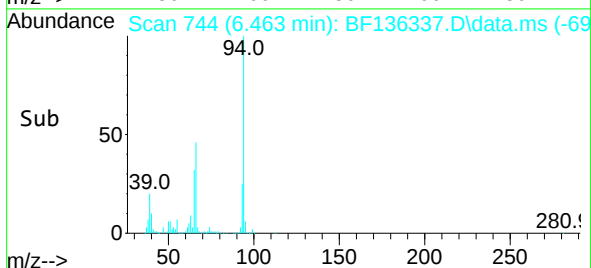
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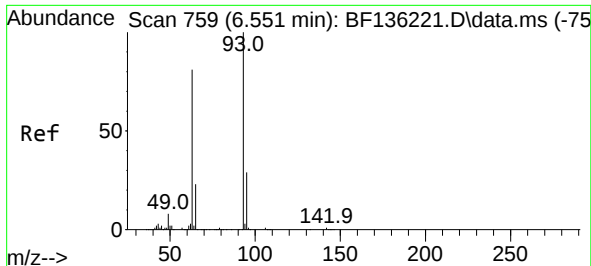


#10
Phenol
Concen: 42.845 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



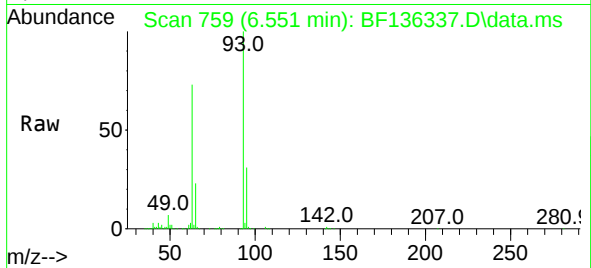
Tgt Ion: 94 Resp: 505441
Ion Ratio Lower Upper
94 100
65 31.8 12.5 52.5
66 45.7 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 43.190 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

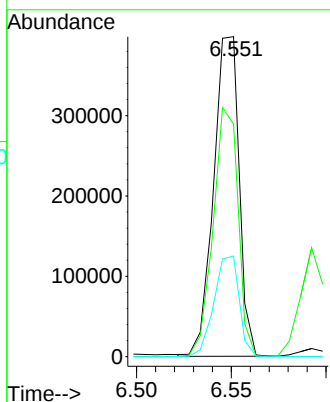
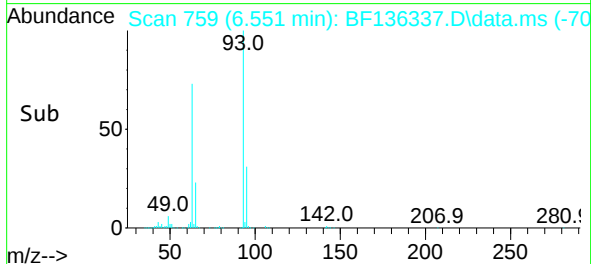
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion: 93 Resp: 373782
Ion Ratio Lower Upper
93 100
63 72.6 60.2 100.2
95 31.5 9.1 49.1

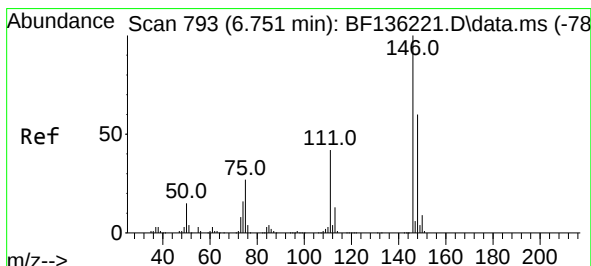
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

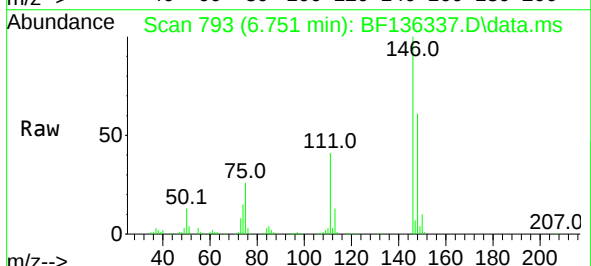


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Supervised By :mohammad
ahmed

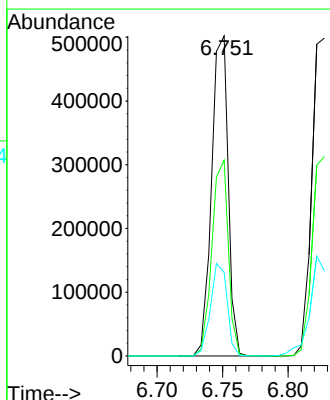
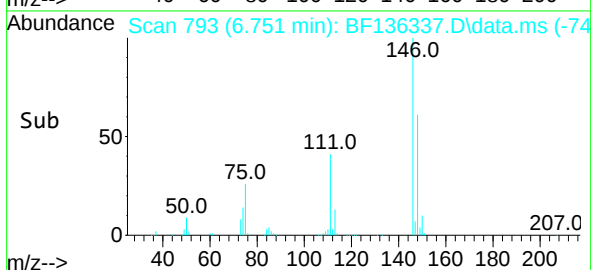
12/05/2023

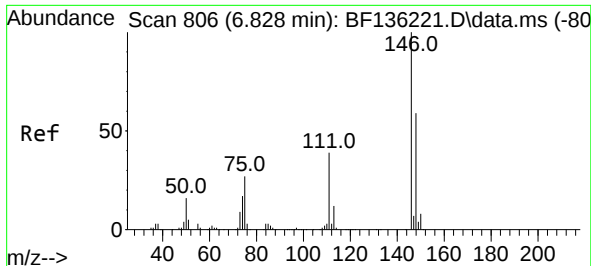


#12
1,3-Dichlorobenzene
Concen: 40.662 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:146 Resp: 441866
Ion Ratio Lower Upper
146 100
148 61.2 47.8 71.6
75 26.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.260 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

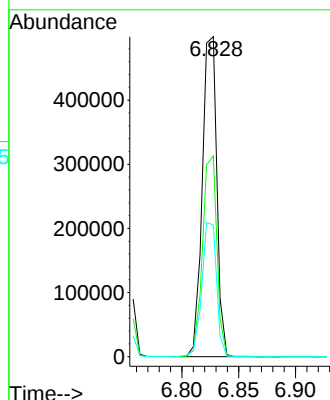
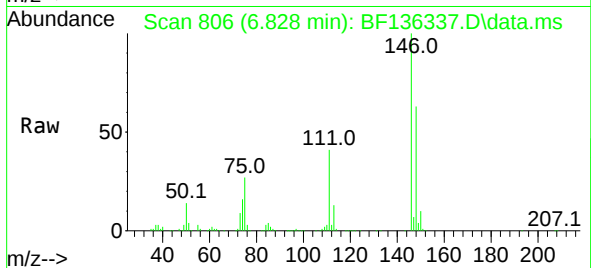
ClientSampleId :

PB157140BS

Tgt Ion:146 Resp: 444752
 Ion Ratio Lower Upper
 146 100
 148 62.8 47.0 70.6
 111 41.1 31.5 47.3

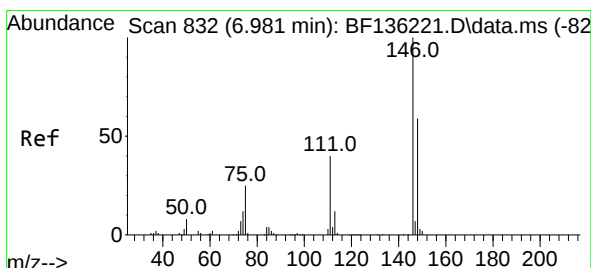
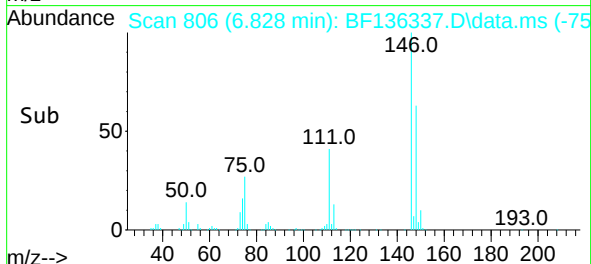
Manual Integrations
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 Patel



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 ahmed

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#14

1,2-Dichlorobenzene

Concen: 40.167 ng

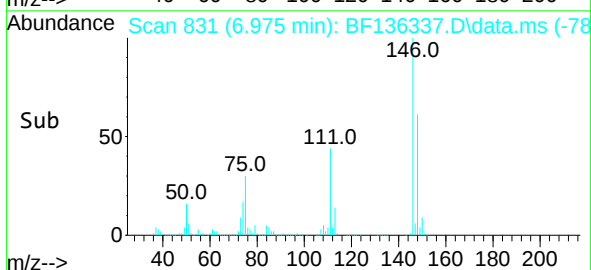
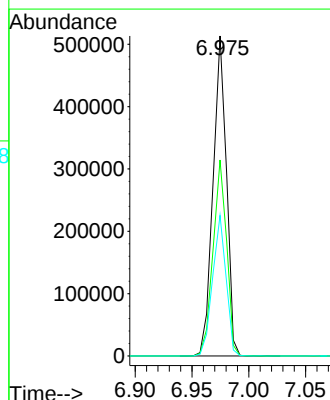
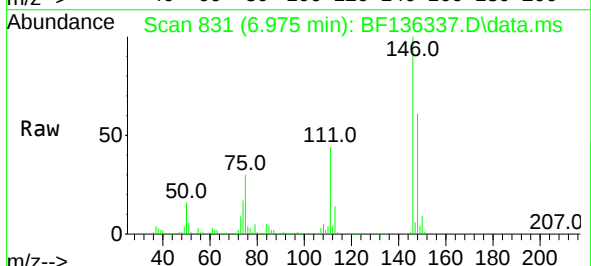
RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

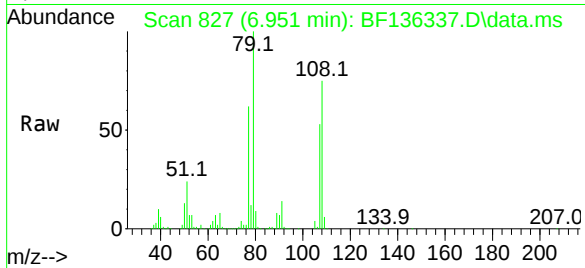
Tgt Ion:146 Resp: 420081
 Ion Ratio Lower Upper
 146 100
 148 61.3 47.3 70.9
 111 43.9 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.615 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

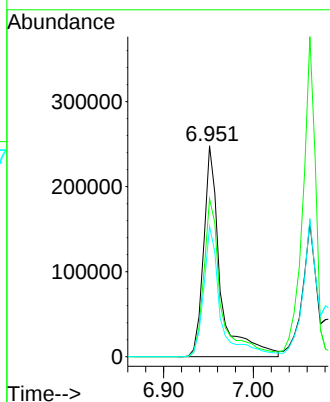
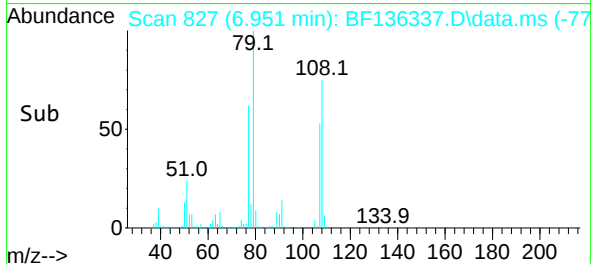
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion: 79 Resp: 320830
Ion Ratio Lower Upper
79 100
108 74.9 58.1 87.1
77 61.8 51.8 77.8

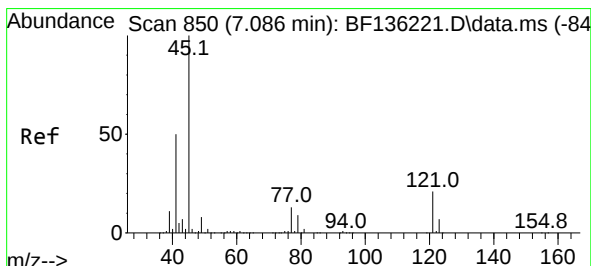
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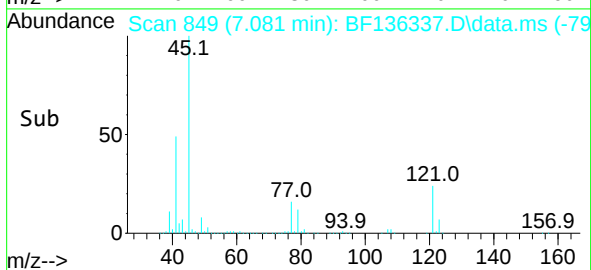
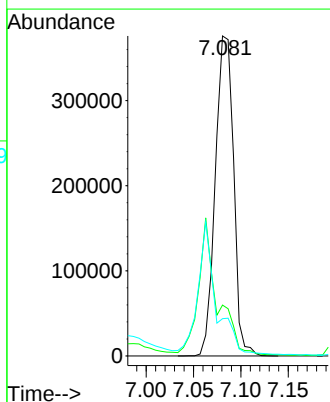
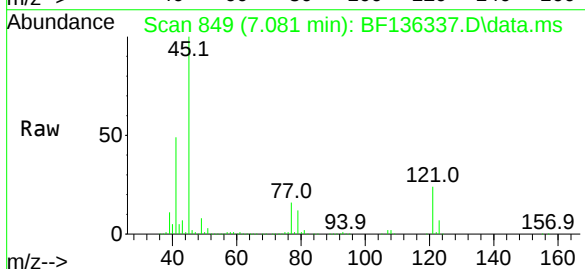
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ahmed

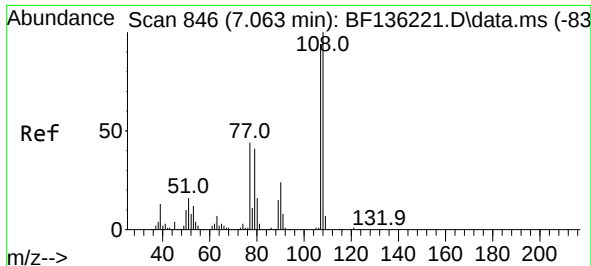
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.015 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion: 45 Resp: 505065
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.0
79 11.6 0.0 30.1





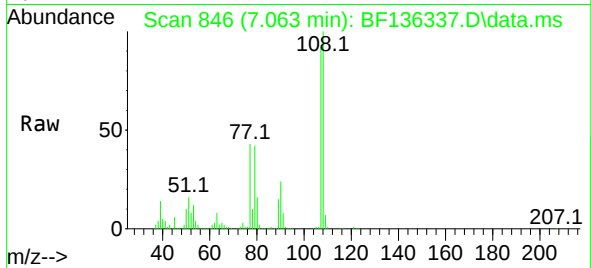
#17
2-Methylphenol
Concen: 43.524 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

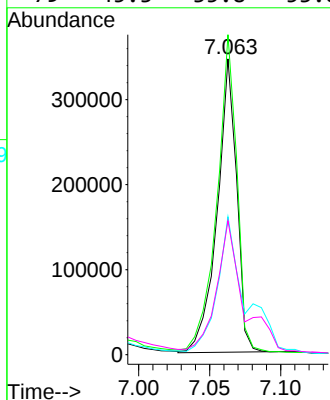
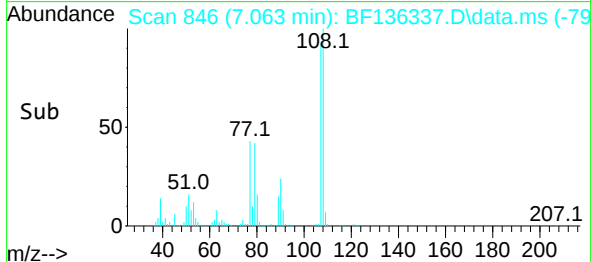
PB157140BS



Tgt Ion:107 Resp: 327659
Ion Ratio Lower Upper
107 100
108 108.2 85.4 128.0
77 46.6 37.4 56.2
79 45.3 35.8 53.8

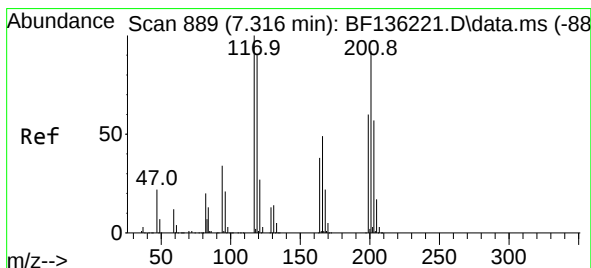
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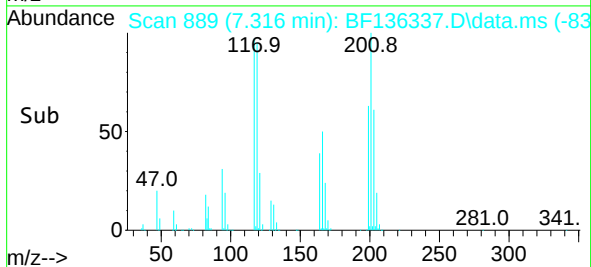
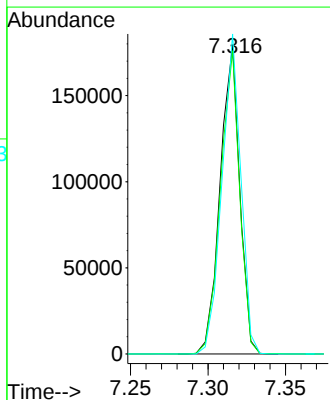
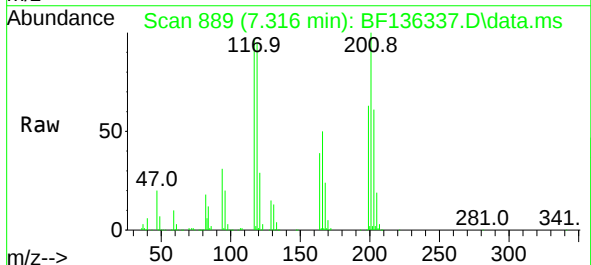
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ahmed

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#18
Hexachloroethane
Concen: 40.577 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

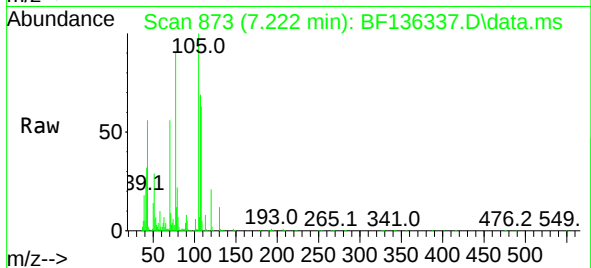
Tgt Ion:117 Resp: 157234
Ion Ratio Lower Upper
117 100
119 98.1 71.6 107.4
201 103.5 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.797 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

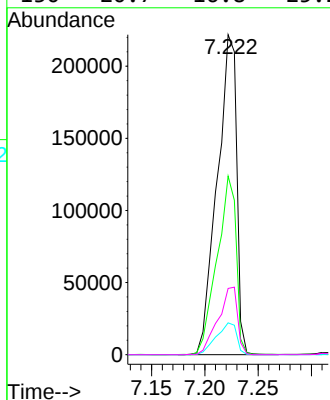
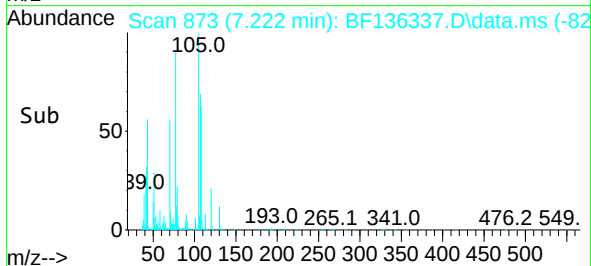
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion: 70 Resp: 28146
Ion Ratio Lower Upper
70 100
42 55.8 47.0 70.4
101 9.9 7.8 11.8
130 20.7 16.8 25.2

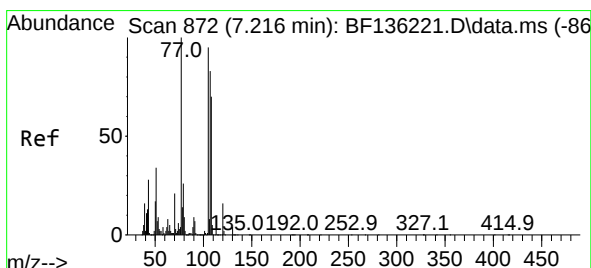
Manual Integrations
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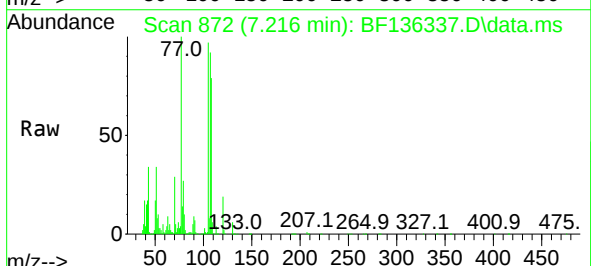


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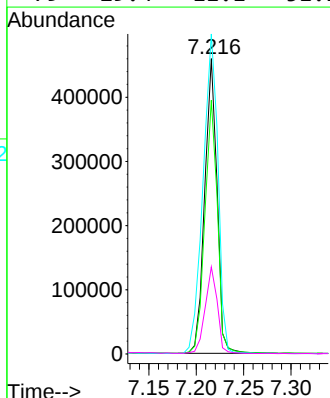
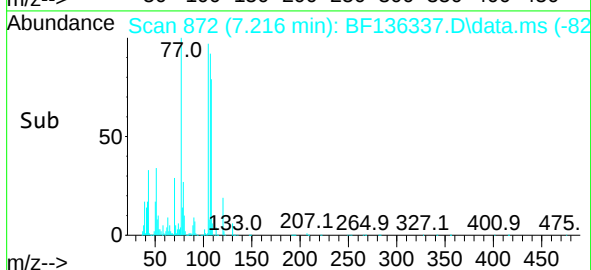
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#20
3+4-Methylphenols
Concen: 42.315 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:107 Resp: 414012
Ion Ratio Lower Upper
107 100
108 85.9 63.9 103.9
77 108.3 100.2 140.2
79 29.4 11.1 51.1





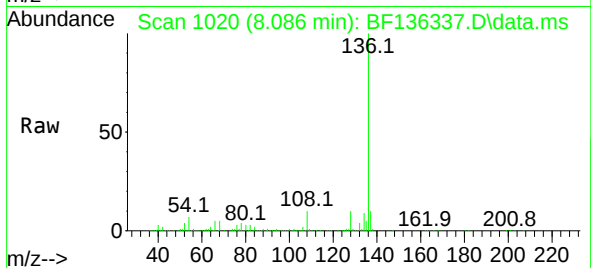
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

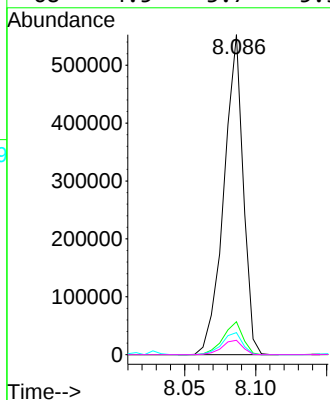
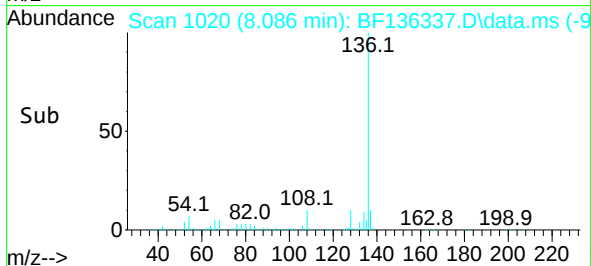
PB157140BS



Tgt Ion:136 Resp: 52175
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.2
54 6.9 5.5 8.3
68 4.5 3.7 5.5

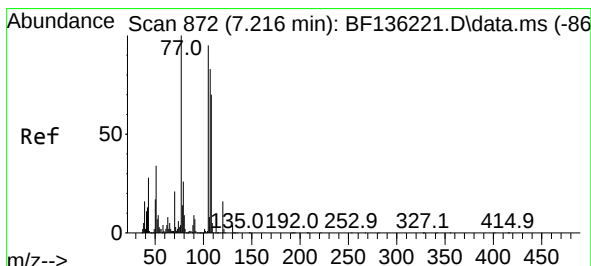
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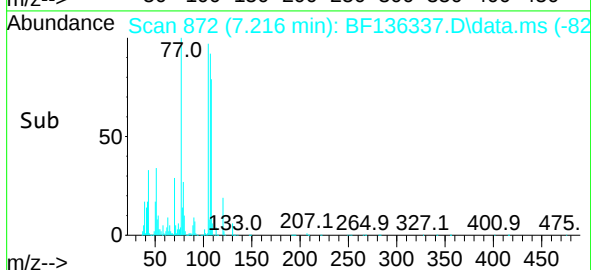
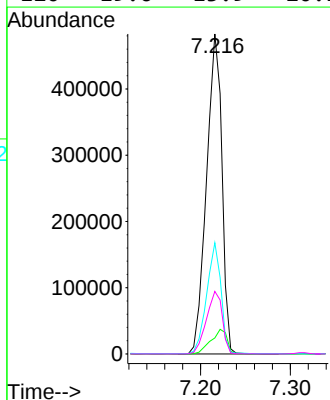
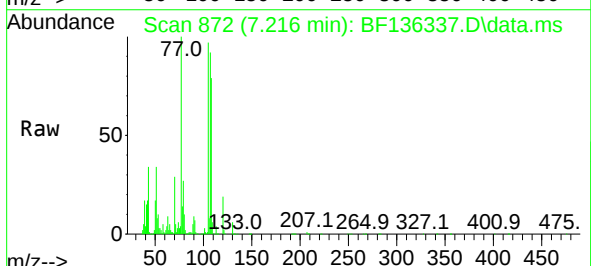
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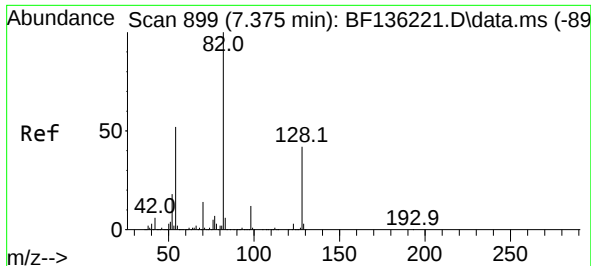
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#22
Acetophenone
Concen: 41.941 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:105 Resp: 574714
Ion Ratio Lower Upper
105 100
71 5.0 2.8 4.2#
51 34.8 29.0 43.6
120 19.6 13.9 20.9





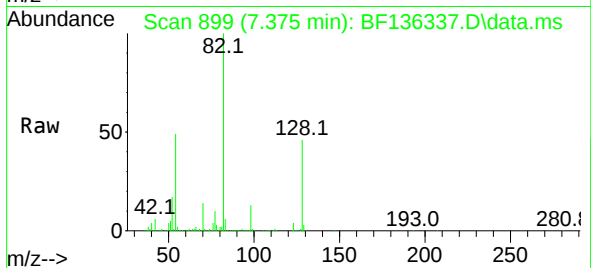
#23
Nitrobenzene-d5
Concen: 84.007 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

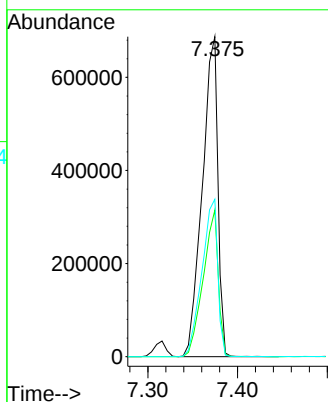
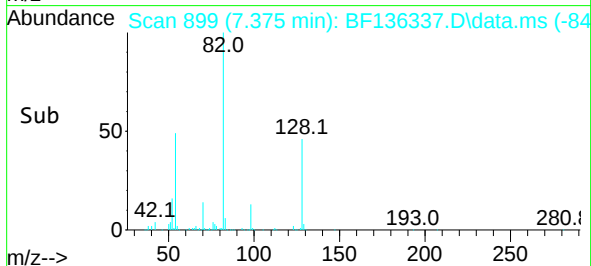
PB157140BS



Tgt Ion: 82 Resp: 829448
Ion Ratio Lower Upper
82 100
128 45.8 33.4 50.2
54 49.2 41.7 62.5

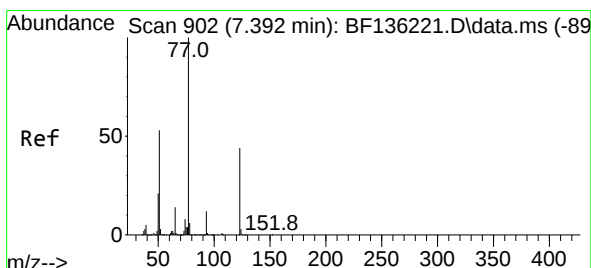
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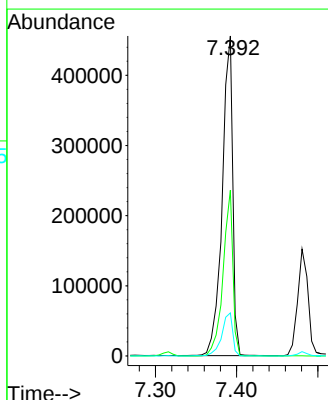
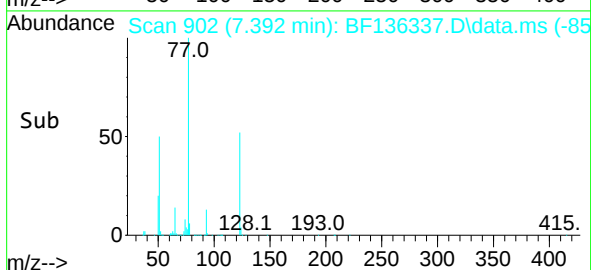
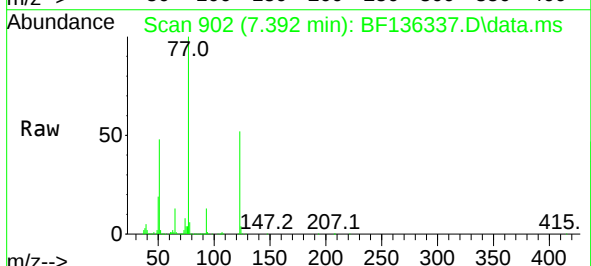
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Supervised By :mohammad
ahmed

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#24
Nitrobenzene
Concen: 41.234 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

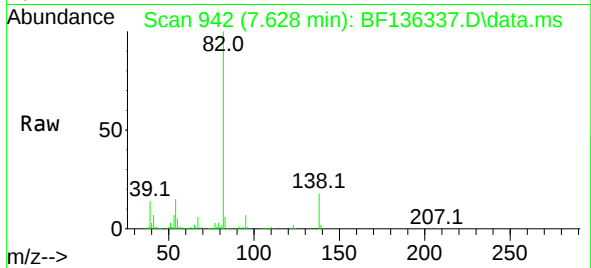
Tgt Ion: 77 Resp: 412577
Ion Ratio Lower Upper
77 100
123 51.8 35.4 53.2
65 13.5 11.0 16.6





#25
Isophorone
Concen: 43.116 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

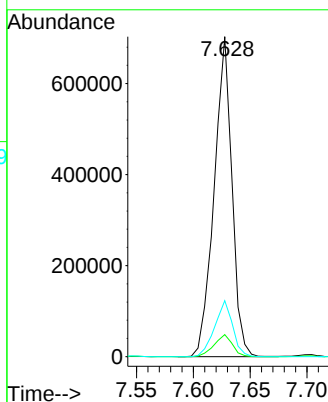
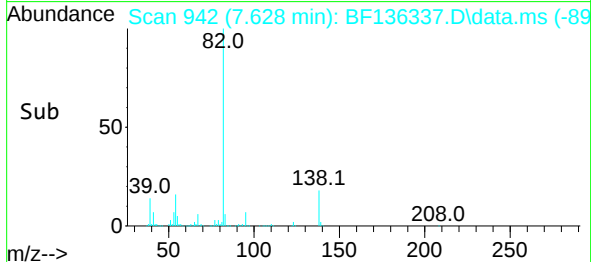
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion: 82 Resp: 767612
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.5 12.8 19.2

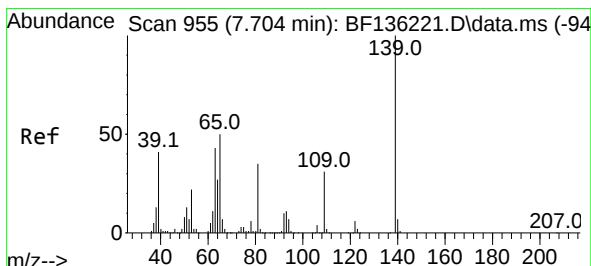
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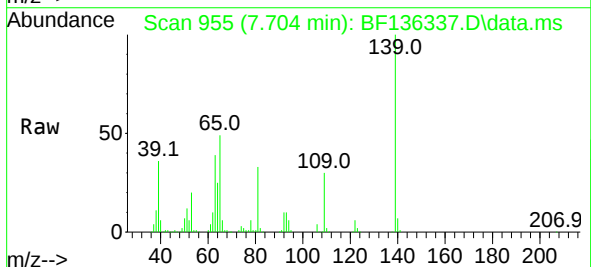


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ahmed

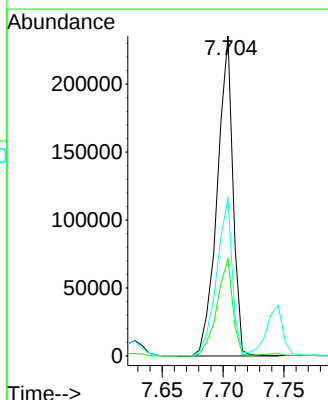
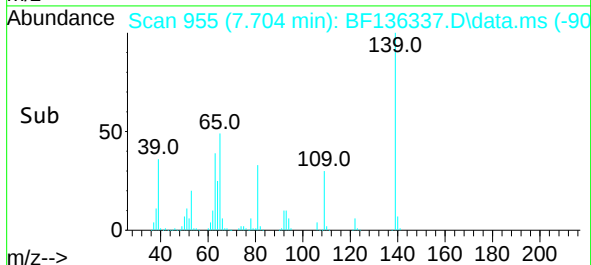
12/05/2023

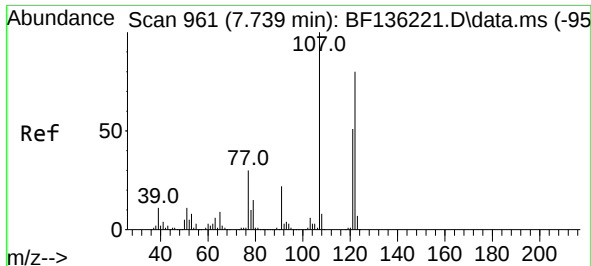


#26
2-Nitrophenol
Concen: 49.932 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:139 Resp: 212871
Ion Ratio Lower Upper
139 100
109 30.2 25.0 37.6
65 49.3 40.4 60.6





#27
2,4-Dimethylphenol
Concen: 64.437 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

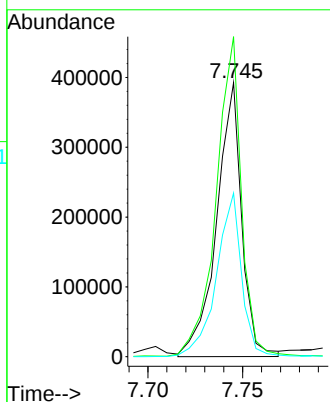
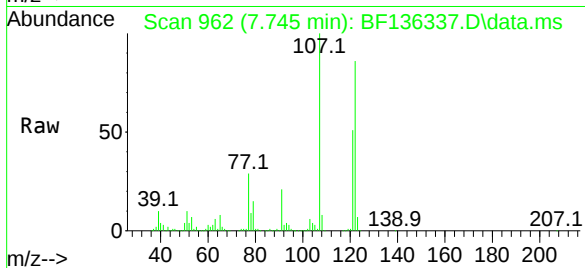
ClientSampleId :

PB157140BS

Tgt Ion:122 Resp: 361572
Ion Ratio Lower Upper
122 100
107 116.7 100.0 150.0
121 59.7 50.7 76.1

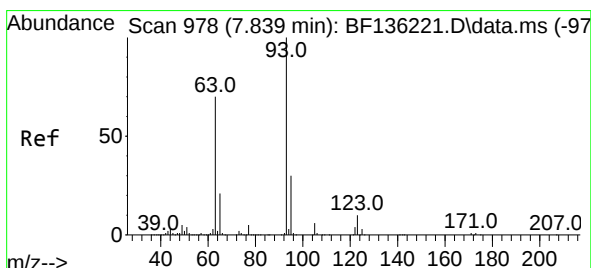
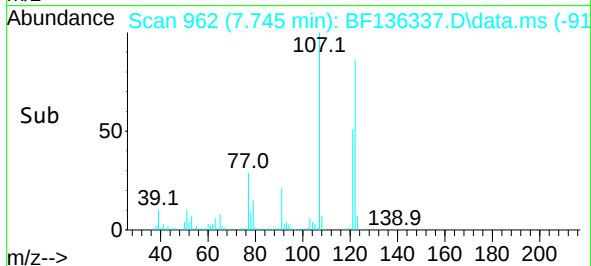
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



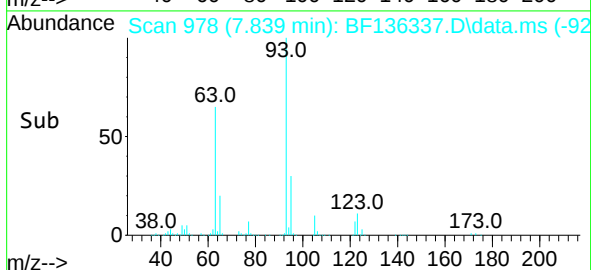
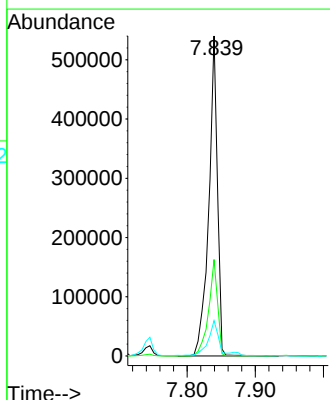
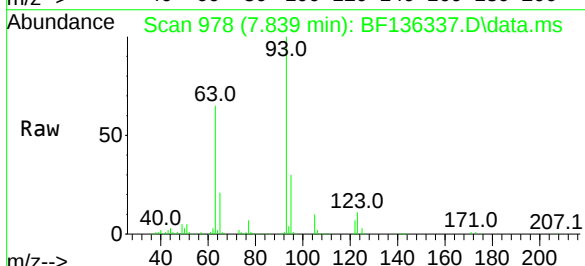
12/04/2023
Supervised By :mohammad
ahmed

12/05/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.474 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion: 93 Resp: 478939
Ion Ratio Lower Upper
93 100
95 30.2 23.8 35.6
123 11.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 46.116 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

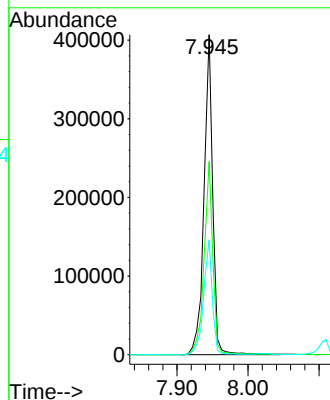
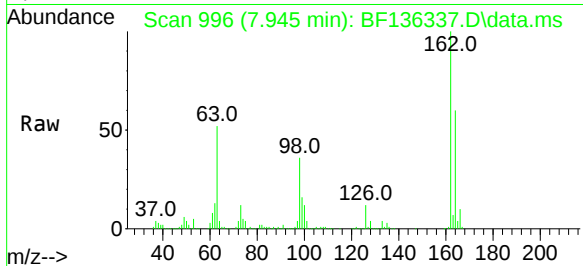
PB157140BS

Tgt Ion:162 Resp: 349038

Ion	Ratio	Lower	Upper
162	100		
164	60.3	40.3	80.3
98	35.9	13.0	53.0

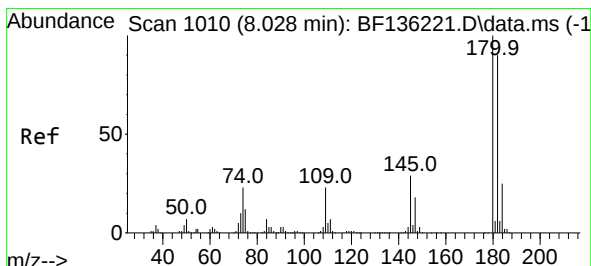
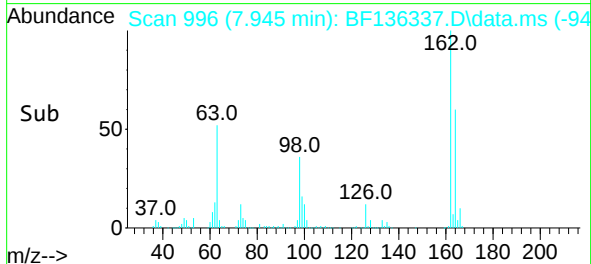
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 41.814 ng

RT: 8.028 min Scan# 1010

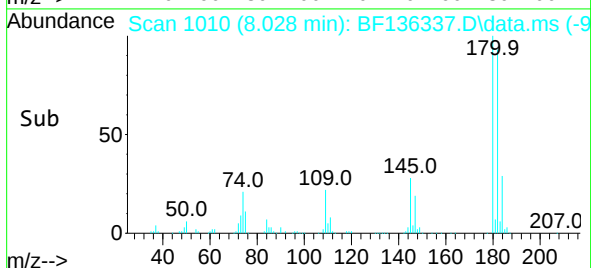
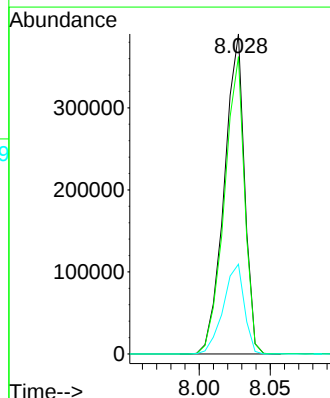
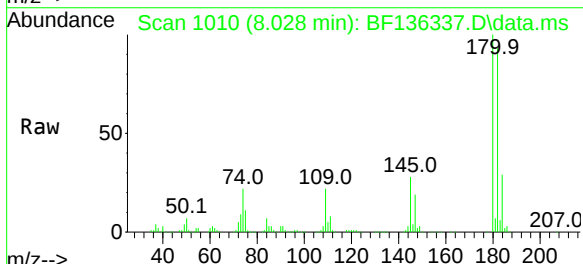
Delta R.T. -0.000 min

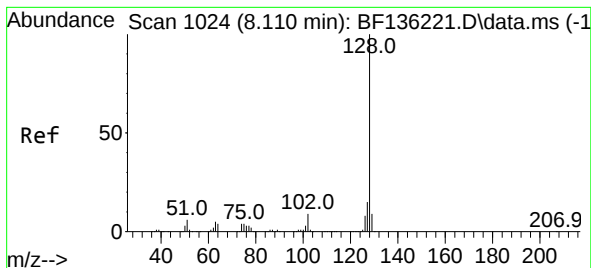
Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Tgt Ion:180 Resp: 387468

Ion	Ratio	Lower	Upper
180	100		
182	92.9	71.6	107.4
145	28.0	23.0	34.4





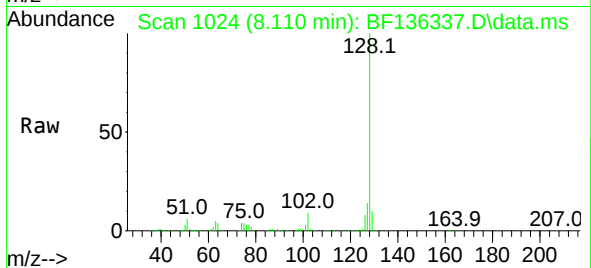
#31
Naphthalene
Concen: 43.016 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

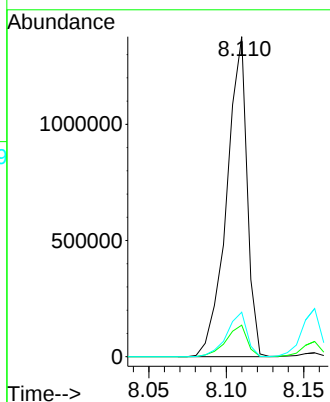
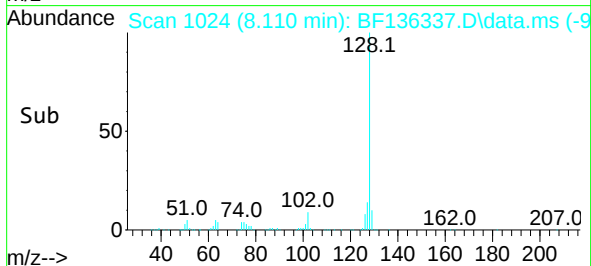
PB157140BS



Tgt Ion:128 Resp: 1261520
Ion Ratio Lower Upper
128 100
129 9.9 7.3 10.9
127 13.9 11.8 17.6

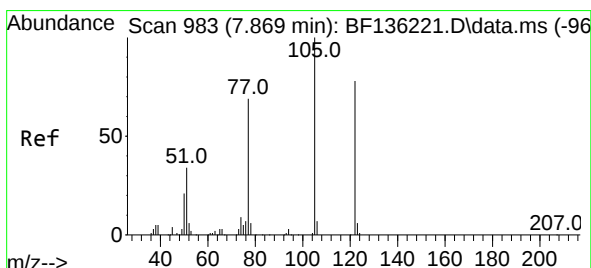
Manual Integrations
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Reviewed By :Yogesh
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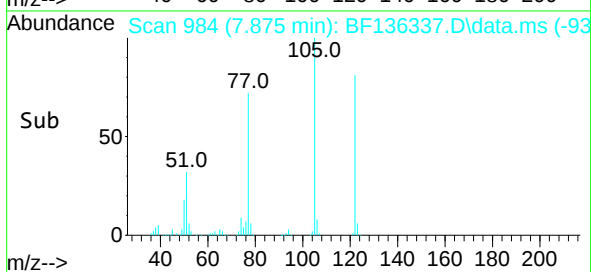
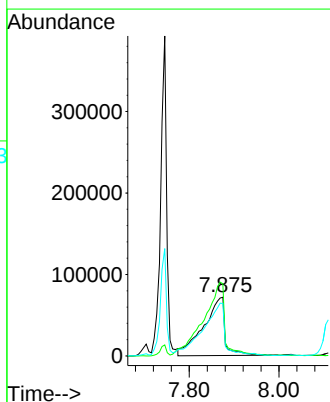
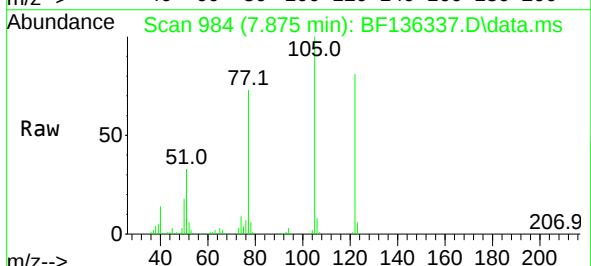
12/04/2023
Supervised By :mohammad
ahmed

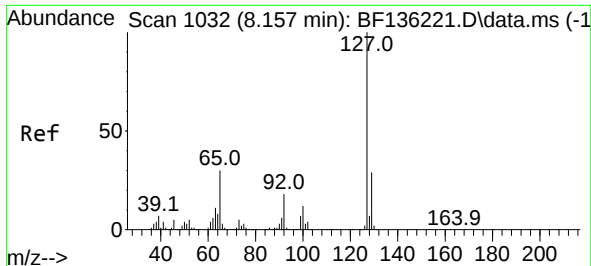
12/05/2023



#32
Benzoic acid
Concen: 46.838 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:122 Resp: 239529
Ion Ratio Lower Upper
122 100
105 123.4 103.7 143.7
77 89.5 66.8 106.8





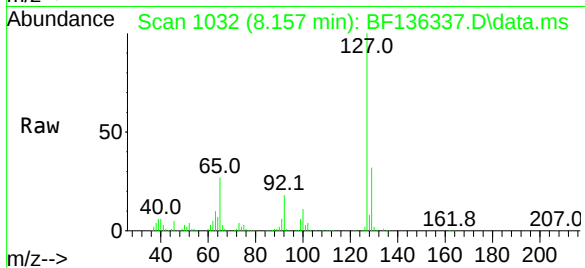
#33
4-Chloroaniline
Concen: 18.656 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

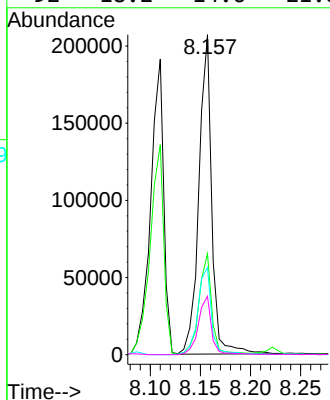
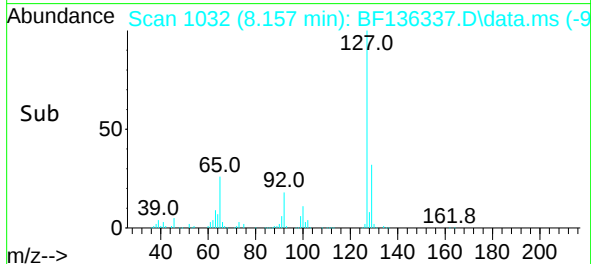
PB157140BS



Tgt Ion:127 Resp: 185972
Ion Ratio Lower Upper
127 100
129 31.6 23.4 35.2
65 27.2 23.8 35.6
92 18.2 14.6 21.8

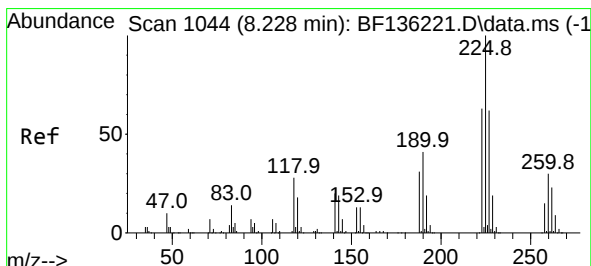
Manual Integrations
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Reviewed By :Yogesh
Patel

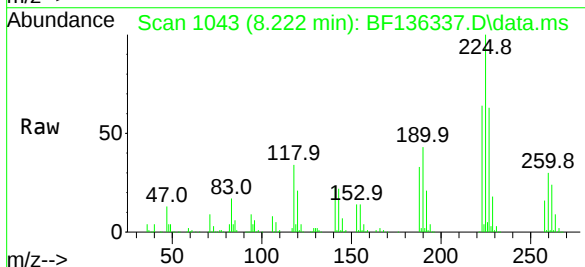


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Supervised By :mohammad
ahmed

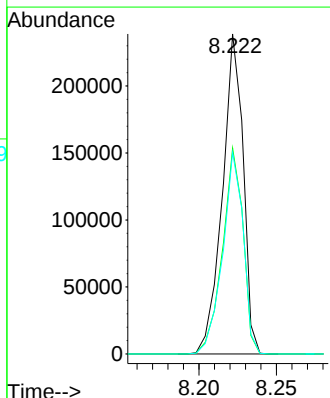
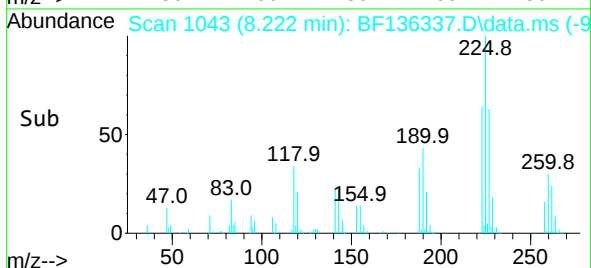
12/05/2023

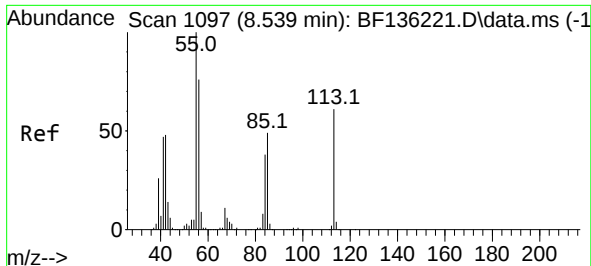


#34
Hexachlorobutadiene
Concen: 40.956 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



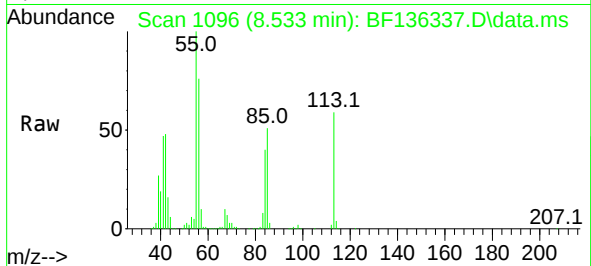
Tgt Ion:225 Resp: 222029
Ion Ratio Lower Upper
225 100
223 64.4 50.6 75.8
227 63.0 49.6 74.4





#35
Caprolactam
Concen: 48.998 ng m
RT: 8.533 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

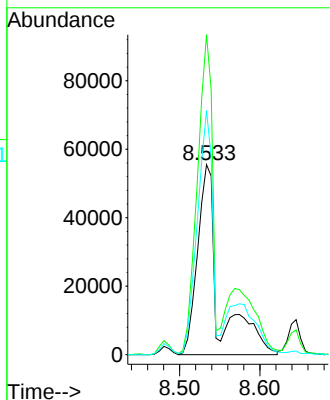
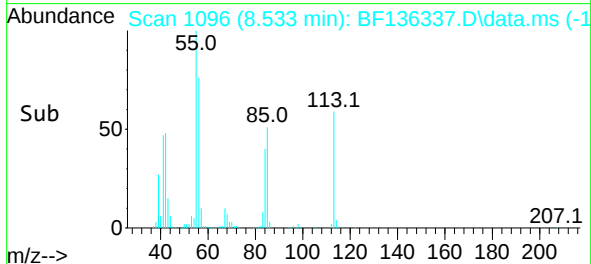
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:113 Resp: 103670
Ion Ratio Lower Upper
113 100
55 168.4 143.1 183.1
56 128.4 103.6 143.6

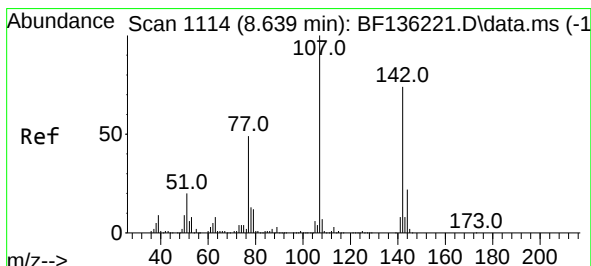
Manual Integrations
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Reviewed By :Yogesh
Patel



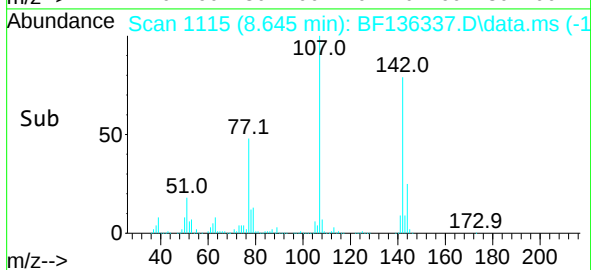
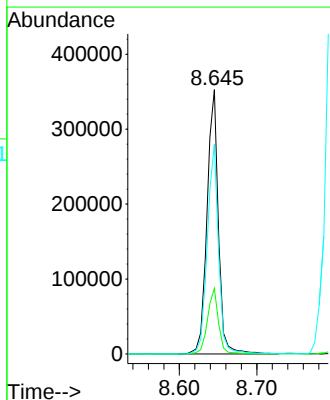
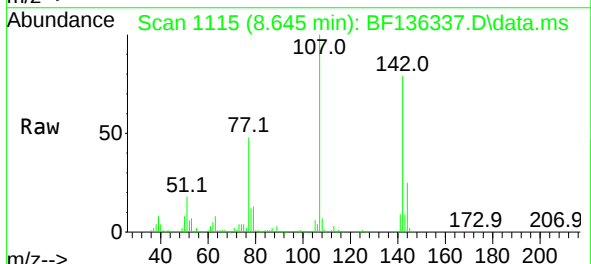
12/04/2023
Supervised By :mohammad
ahmed

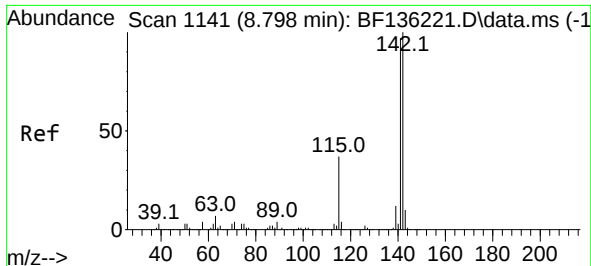
12/05/2023



#36
4-Chloro-3-methylphenol
Concen: 43.757 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:107 Resp: 359188
Ion Ratio Lower Upper
107 100
144 24.8 17.8 26.8
142 79.4 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.283 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

Tgt Ion:142 Resp: 79624

Ion Ratio Lower Upper

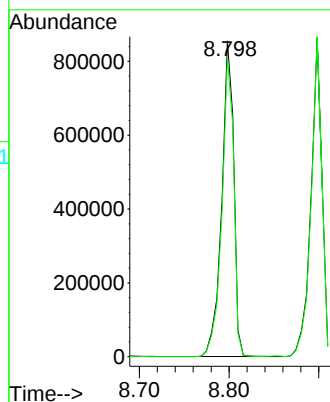
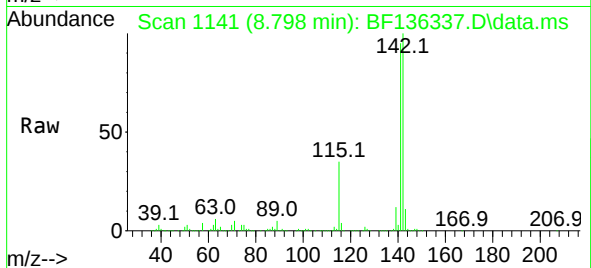
142 100

141 94.6 77.8 116.8

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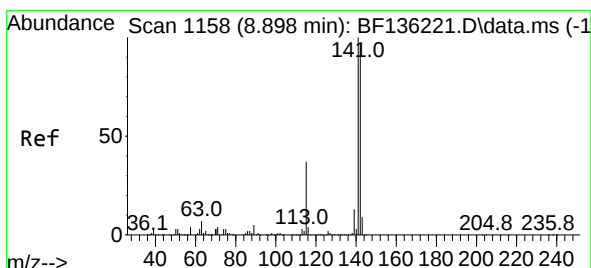
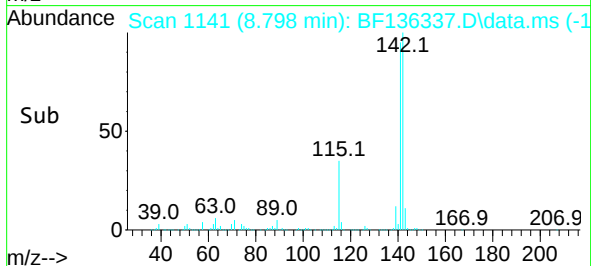
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Patel



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Supervised By :mohammad
ahmed

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#38

1-Methylnaphthalene

Concen: 40.989 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136337.D

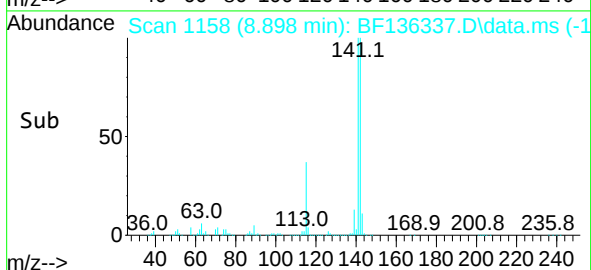
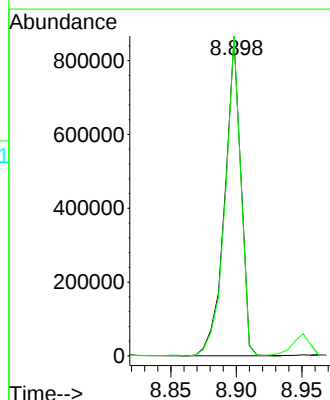
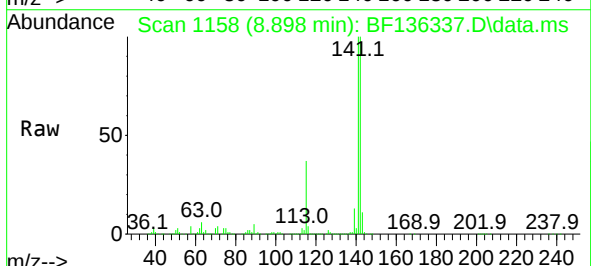
Acq: 01 Dec 2023 14:48

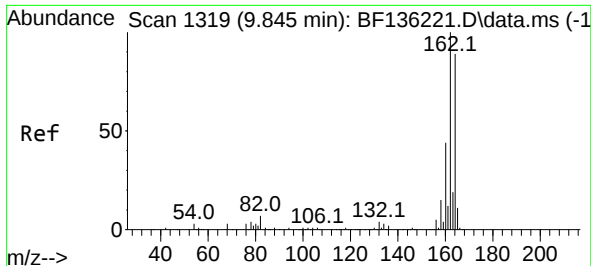
Tgt Ion:142 Resp: 735594

Ion Ratio Lower Upper

142 100

141 100.5 83.8 125.6





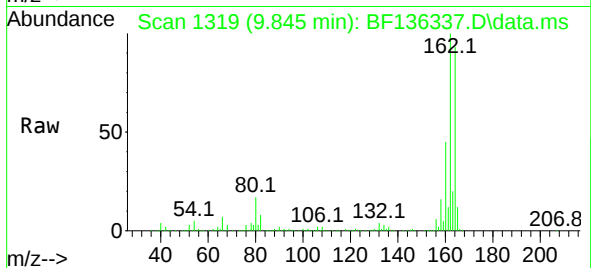
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

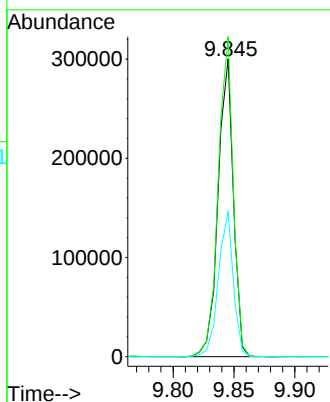
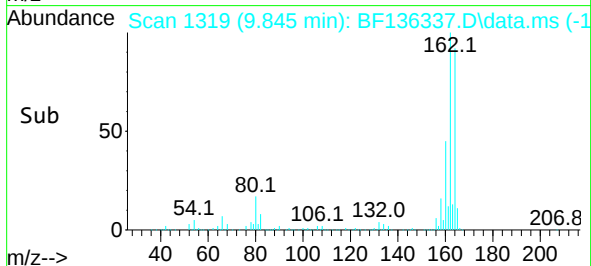
PB157140BS



Tgt Ion:164 Resp: 26312
Ion Ratio Lower Upper
164 100
162 107.4 89.5 134.3
160 48.6 39.6 59.4

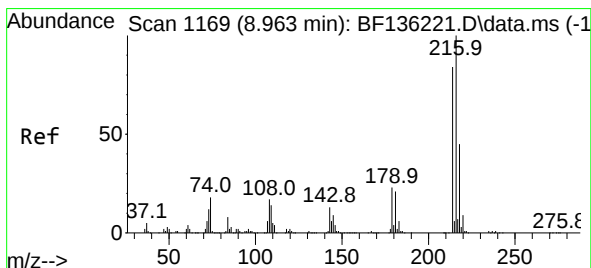
Manual Integrations
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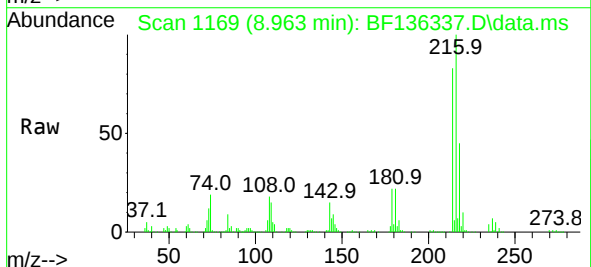


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ahmed

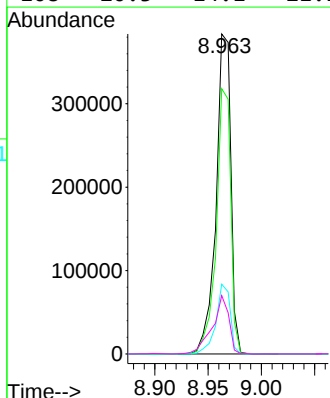
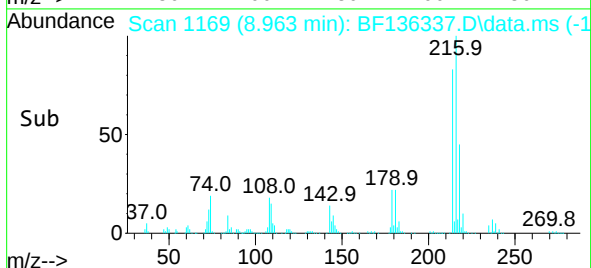
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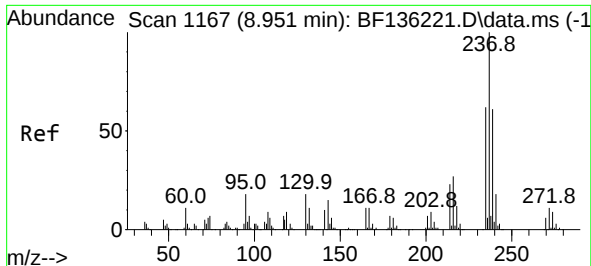


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.111 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



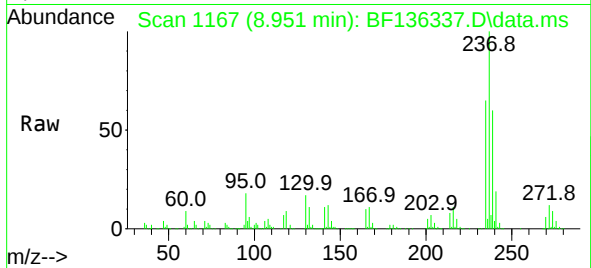
Tgt Ion:216 Resp: 369387
Ion Ratio Lower Upper
216 100
214 80.9 65.8 98.8
179 21.0 17.4 26.0
108 20.3 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 150.739 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

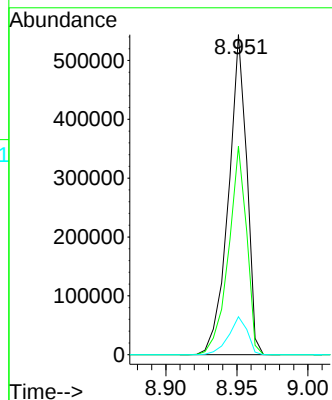
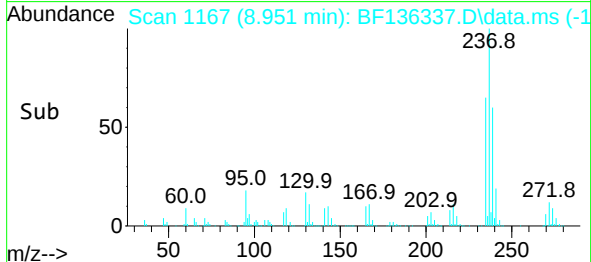
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:237 Resp: 48571
Ion Ratio Lower Upper
237 100
235 65.1 42.1 82.1
272 11.8 0.0 31.0

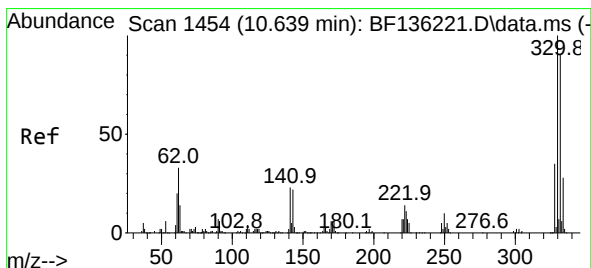
Manual Integrations
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Patel

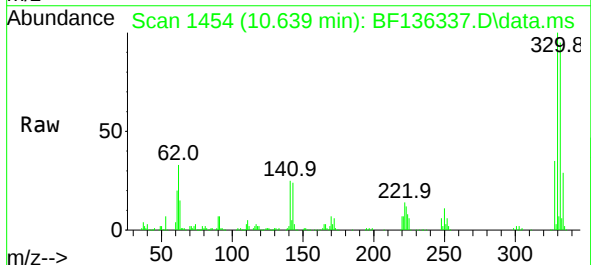


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Supervised By :mohammad
ahmed

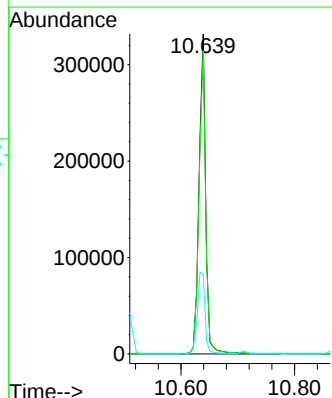
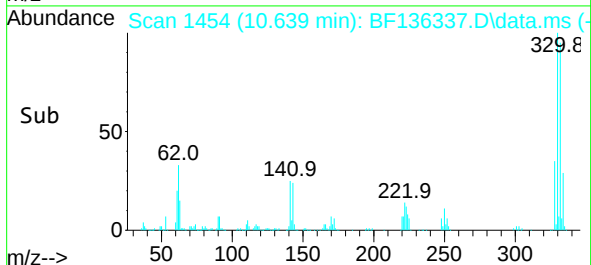
12/05/2023

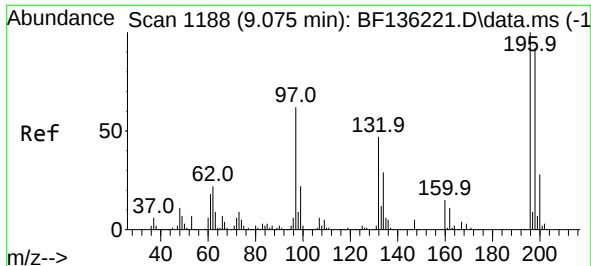


#42
2,4,6-Tribromophenol
Concen: 84.762 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



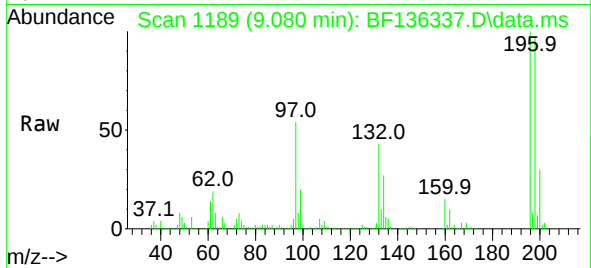
Tgt Ion:330 Resp: 272674
Ion Ratio Lower Upper
330 100
332 95.9 73.0 109.6
141 29.8 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 45.394 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

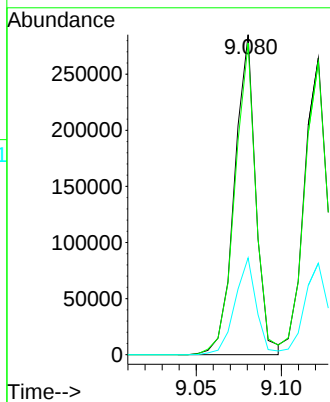
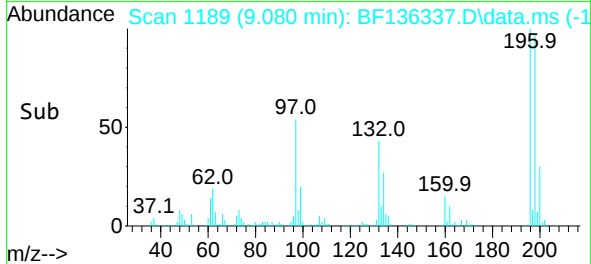
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:196 Resp: 246730
Ion Ratio Lower Upper
196 100
198 97.4 73.2 109.8
200 30.3 22.4 33.6

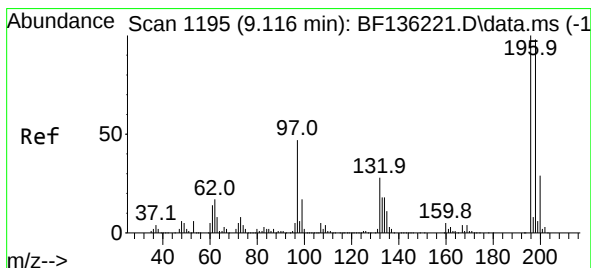
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

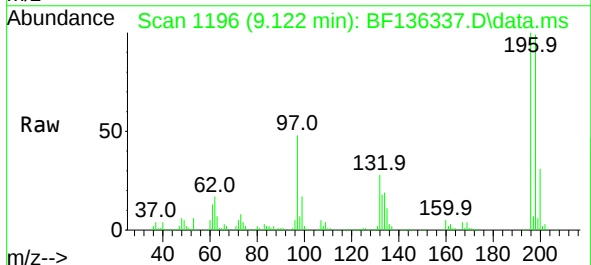


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Supervised By :mohammad
ahmed

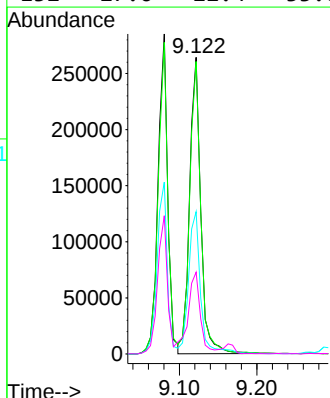
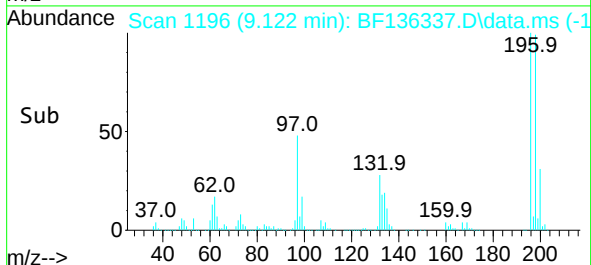
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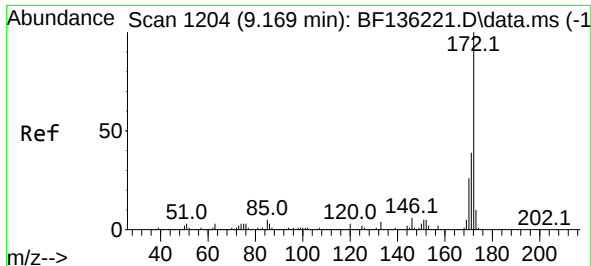


#44
2,4,5-Trichlorophenol
Concen: 44.542 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:196 Resp: 264203
Ion Ratio Lower Upper
196 100
198 98.6 78.8 118.2
97 48.0 37.8 56.8
132 27.6 22.4 33.6





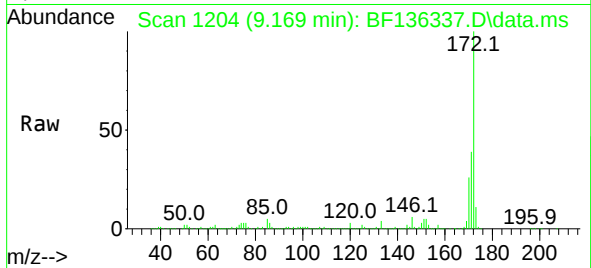
#45
2-Fluorobiphenyl
Concen: 83.327 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

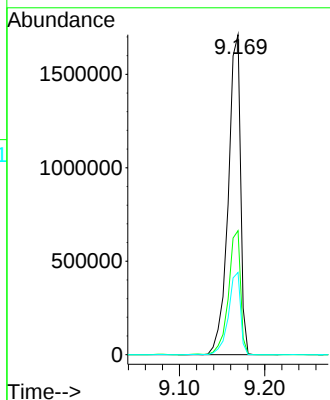
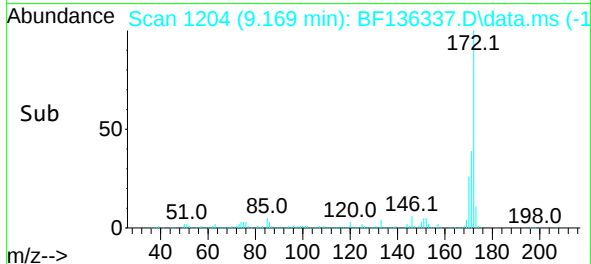
PB157140BS



Tgt Ion:172 Resp: 171655
Ion Ratio Lower Upper
172 100
171 38.8 31.5 47.3
170 25.7 20.8 31.2

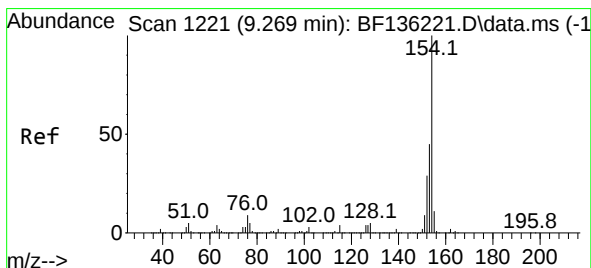
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

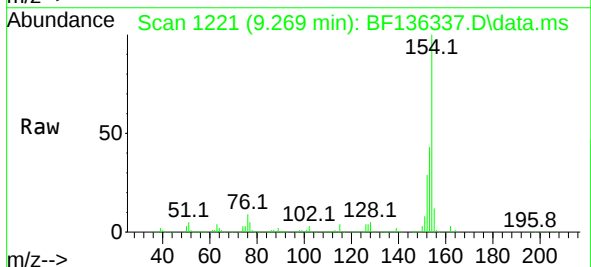


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Supervised By :mohammad
ahmed

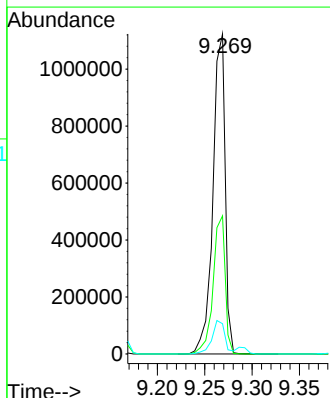
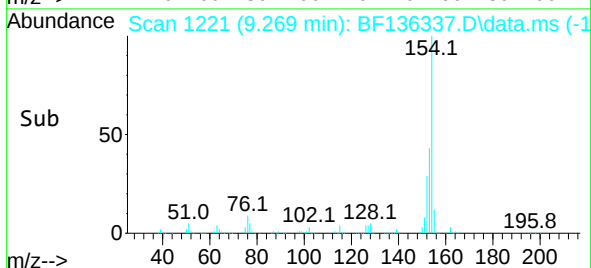
12/05/2023

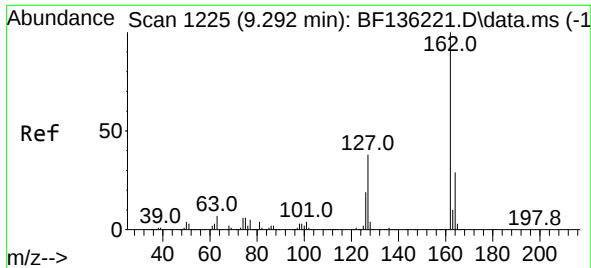


#46
1,1'-Biphenyl
Concen: 43.638 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:154 Resp: 1012570
Ion Ratio Lower Upper
154 100
153 43.1 24.6 64.6
76 9.4 0.0 29.4





#47
2-Chloronaphthalene
Concen: 42.963 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

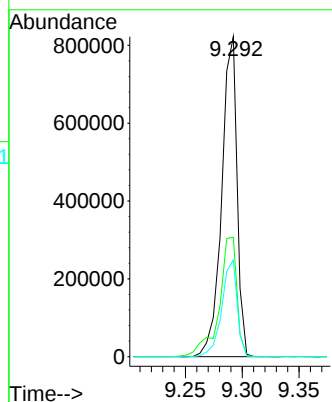
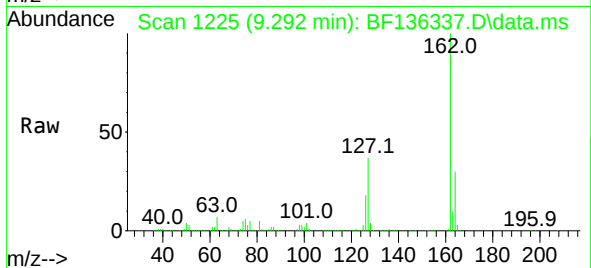
ClientSampleId :

PB157140BS

Tgt Ion:162 Resp: 77417
Ion Ratio Lower Upper
162 100
127 37.3 30.2 45.2
164 30.1 22.8 34.2

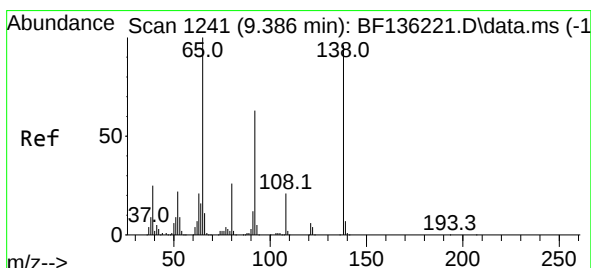
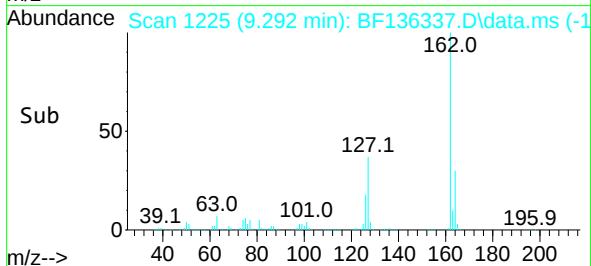
Manual Integrations
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Reviewed By :Yogesh
Patel



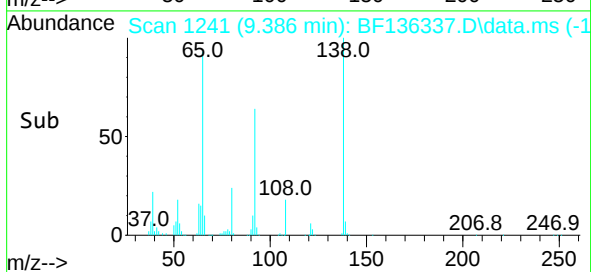
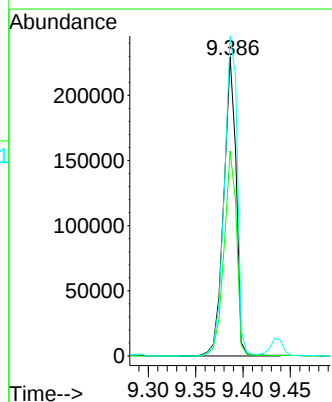
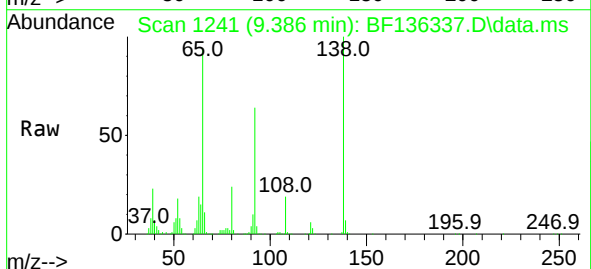
12/04/2023
Supervised By :mohammad
ahmed

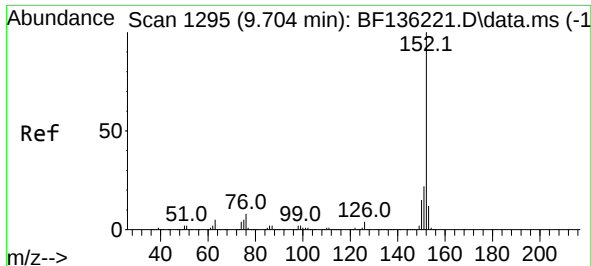
12/05/2023



#48
2-Nitroaniline
Concen: 44.699 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion: 65 Resp: 210293
Ion Ratio Lower Upper
65 100
92 68.5 50.6 75.8
138 106.9 76.7 115.1





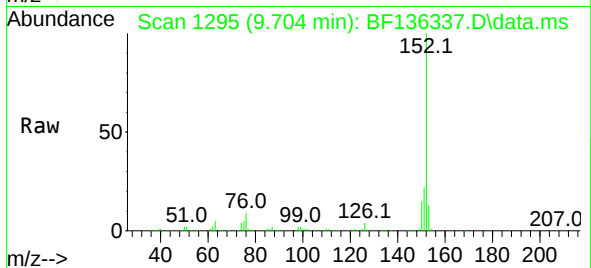
#49
Acenaphthylene
Concen: 45.178 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

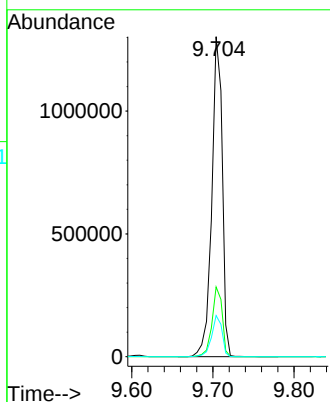
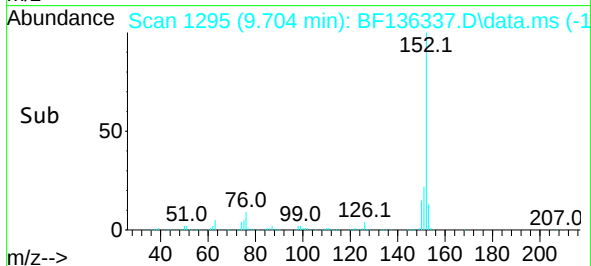
PB157140BS



Tgt Ion:152 Resp: 1161762
Ion Ratio Lower Upper
152 100
151 21.8 17.5 26.3
153 12.8 9.6 14.4

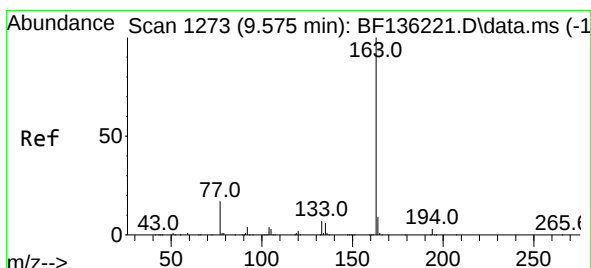
Manual Integrations
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Reviewed By :Yogesh
Patel

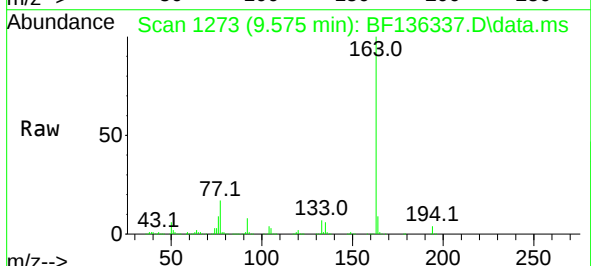


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Supervised By :mohammad
ahmed

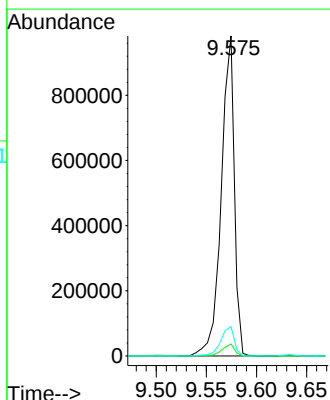
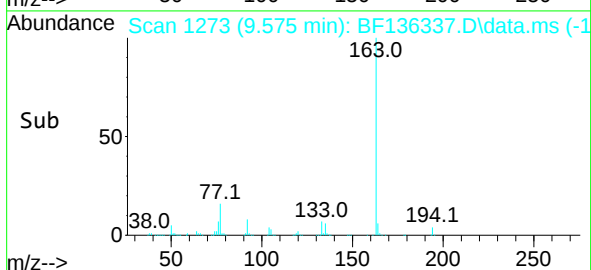
12/05/2023

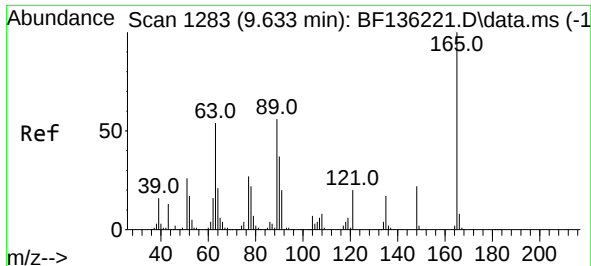


#50
Dimethylphthalate
Concen: 44.737 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:163 Resp: 889721
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7#
164 9.2 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 45.603 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

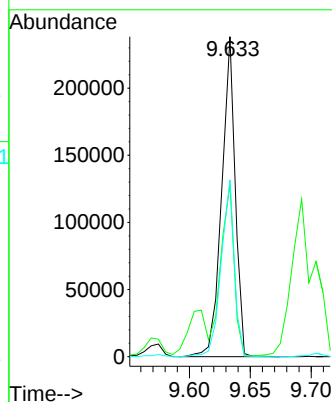
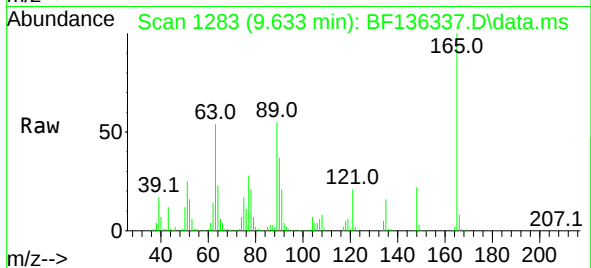
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Tgt Ion:165 Resp: 185279

Ion	Ratio	Lower	Upper
165	100		
63	53.8	46.2	69.2
89	55.2	44.9	67.3

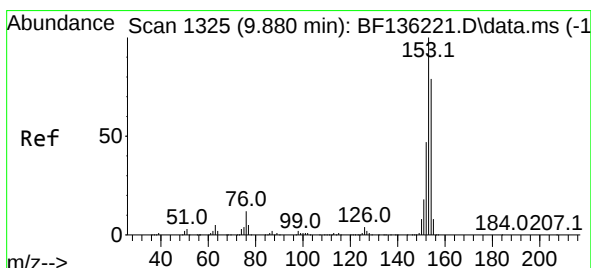
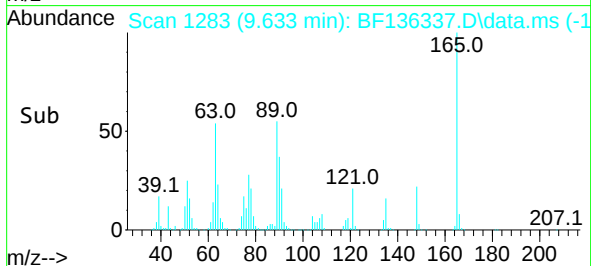
Manual Integrations
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ahmed

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#52

Acenaphthene

Concen: 44.201 ng

RT: 9.880 min Scan# 1325

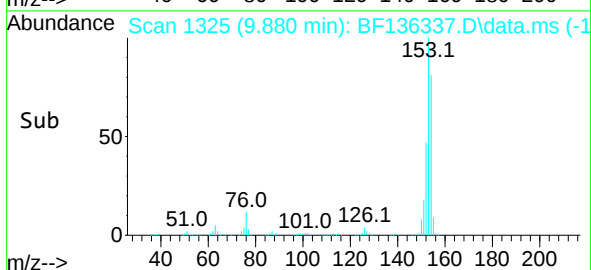
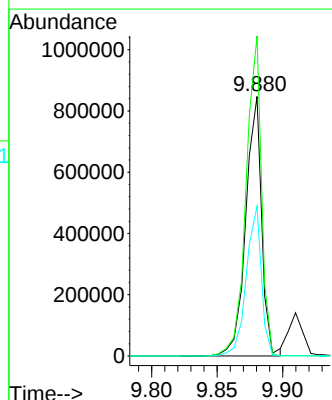
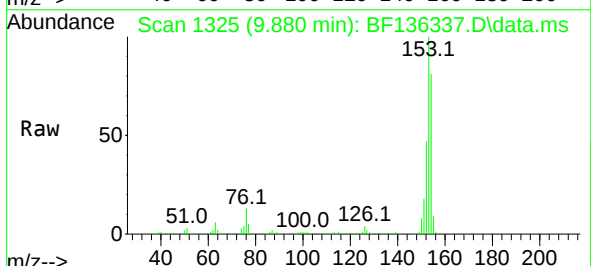
Delta R.T. -0.000 min

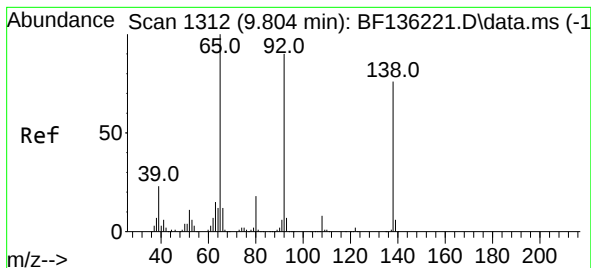
Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Tgt Ion:154 Resp: 718293

Ion	Ratio	Lower	Upper
154	100		
153	123.3	100.8	151.2
152	57.6	47.0	70.6





#53
3-Nitroaniline
Concen: 29.080 ng
RT: 9.798 min Scan# 117230
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

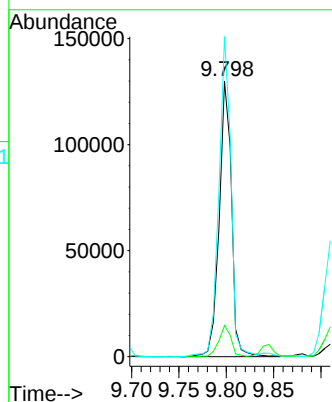
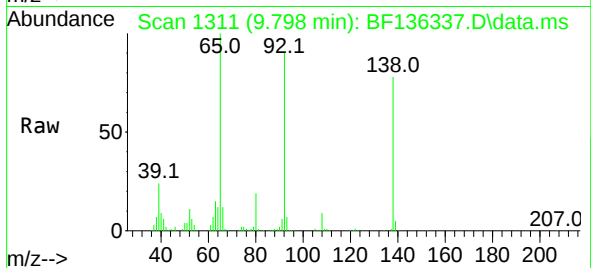
ClientSampleId :

PB157140BS

Tgt Ion:138 Resp: 117230
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 116.1 94.2 141.4

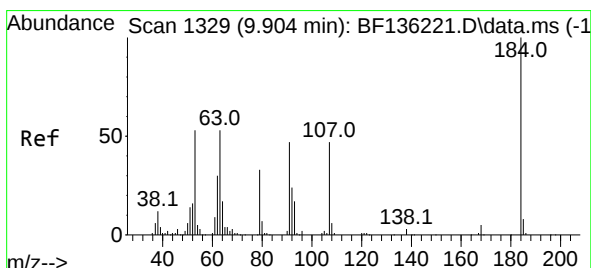
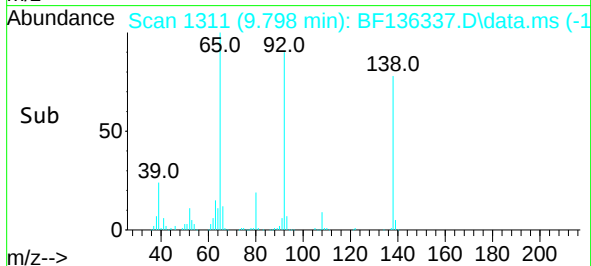
Manual Integrations
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Reviewed By :Yogesh
Patel



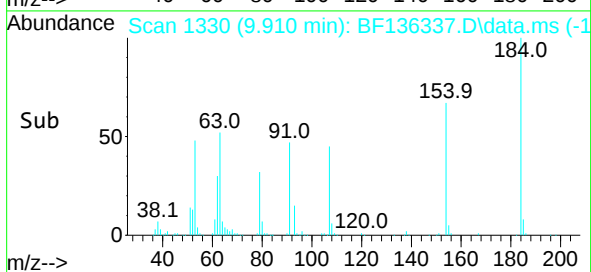
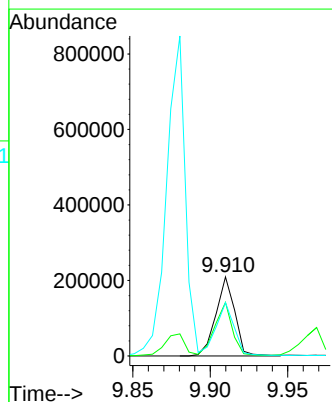
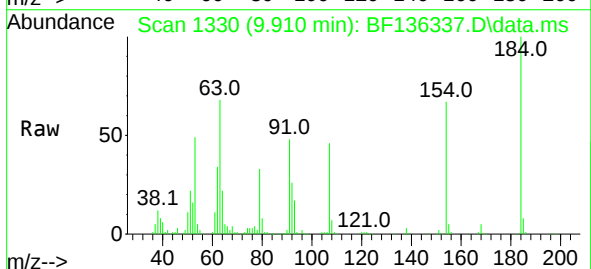
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ahmed

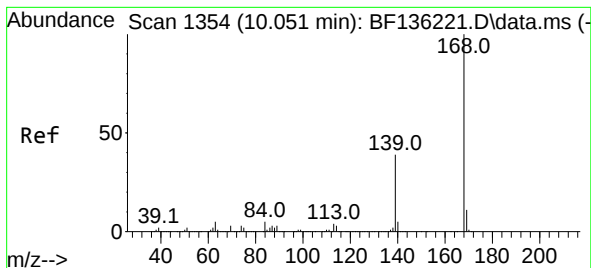
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#54
2,4-Dinitrophenol
Concen: 94.231 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:184 Resp: 178058
Ion Ratio Lower Upper
184 100
63 67.9 55.0 82.4
154 67.4 54.9 82.3





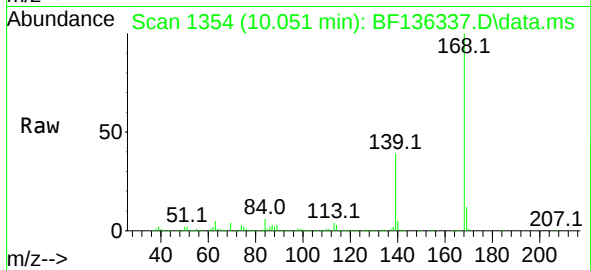
#55
Dibenzofuran
Concen: 43.670 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

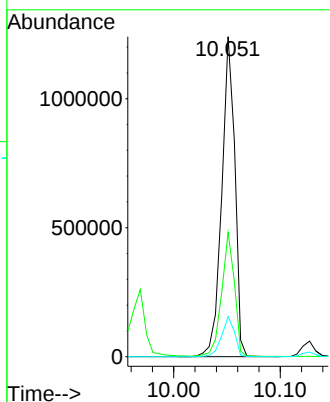
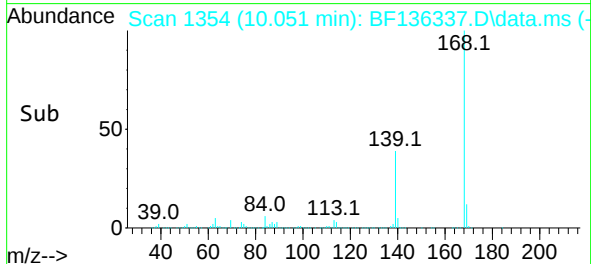
PB157140BS



Tgt Ion:168 Resp: 105601
Ion Ratio Lower Upper
168 100
139 38.9 30.9 46.3
169 12.5 9.1 13.7

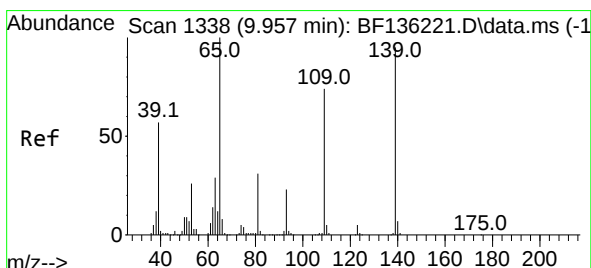
Manual Integrations
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Reviewed By :Yogesh
Patel

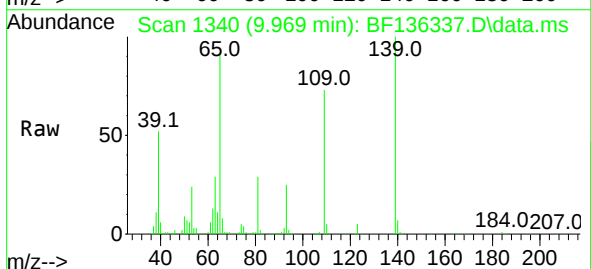


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ahmed

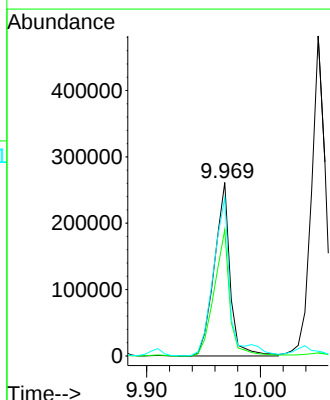
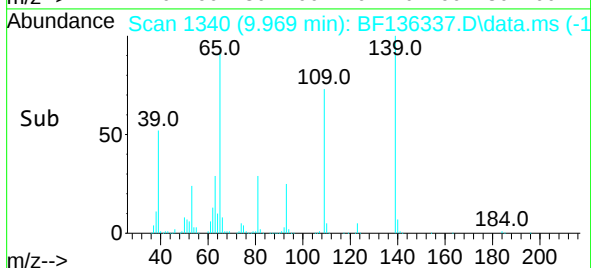
12/05/2023

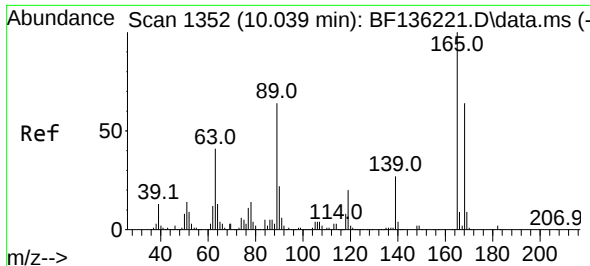


#56
4-Nitrophenol
Concen: 82.513 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:139 Resp: 252640
Ion Ratio Lower Upper
139 100
109 72.8 57.8 97.8
65 91.1 86.0 126.0





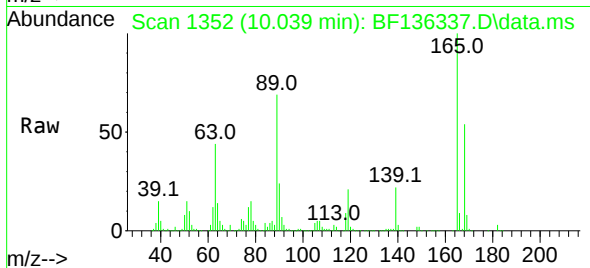
#57
2,4-Dinitrotoluene
Concen: 44.087 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

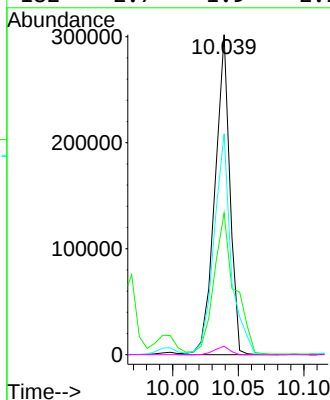
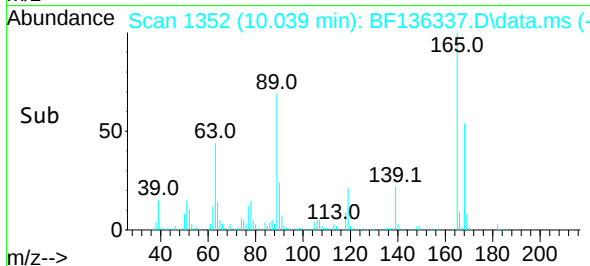
PB157140BS



Tgt Ion:165 Resp: 23926
Ion Ratio Lower Upper
165 100
63 44.2 33.0 49.4
89 69.1 51.5 77.3
182 2.7 1.9 2.9

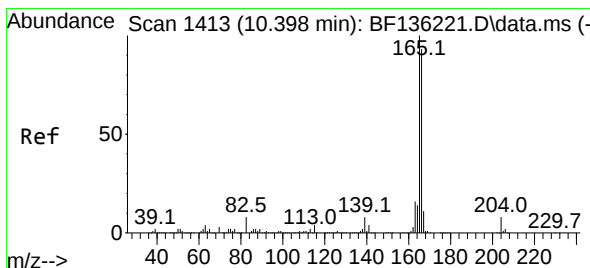
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



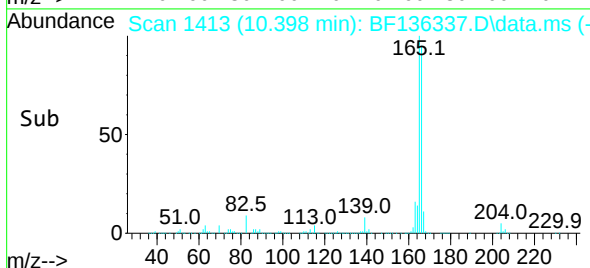
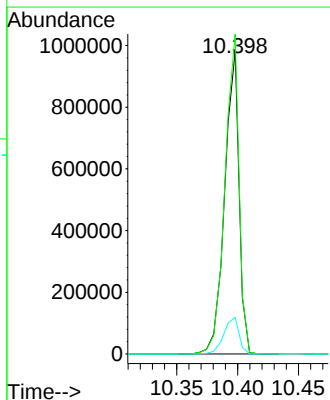
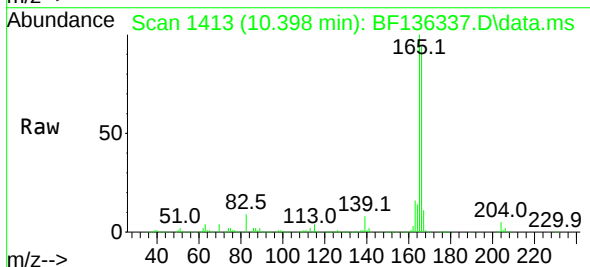
12/04/2023
Supervised By :mohammad
ahmed

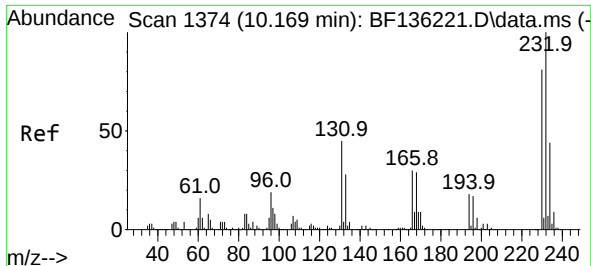
12/05/2023



#58
Fluorene
Concen: 42.646 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

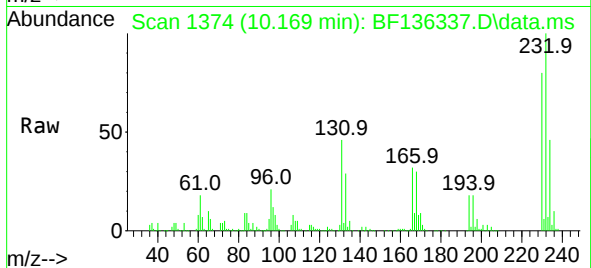
Tgt Ion:166 Resp: 808913
Ion Ratio Lower Upper
166 100
165 105.8 86.2 129.4
167 12.1 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.836 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

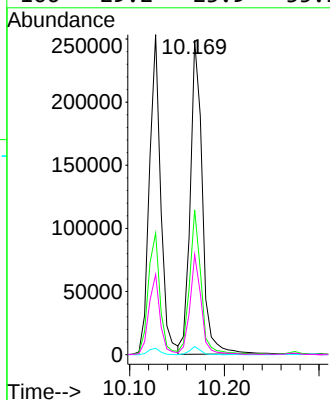
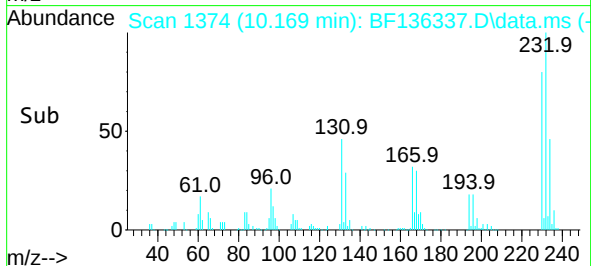
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:232 Resp: 221040
Ion Ratio Lower Upper
232 100
131 43.3 36.4 54.6
130 2.3 1.9 2.9
166 29.2 23.9 35.9

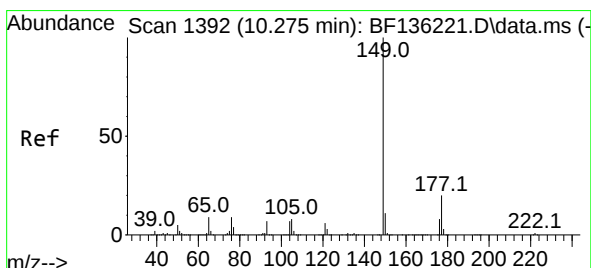
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

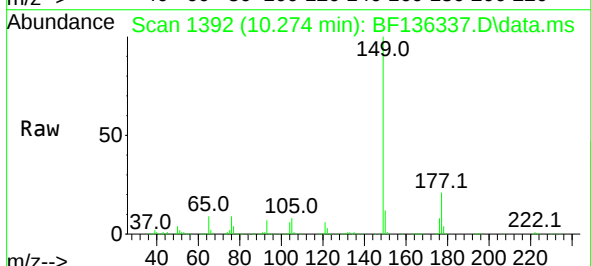


12/04/2023
Supervised By :mohammad
ahmed

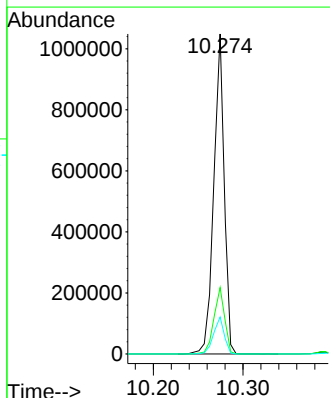
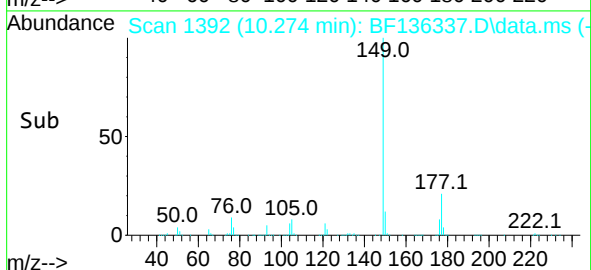
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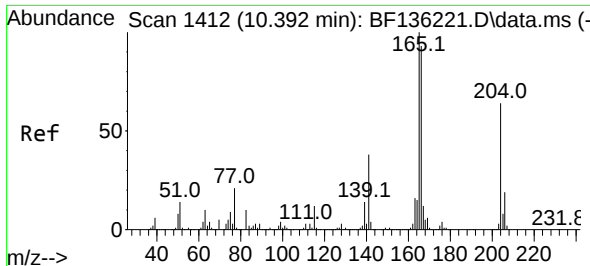


#60
Diethylphthalate
Concen: 42.662 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:149 Resp: 848722
Ion Ratio Lower Upper
149 100
177 20.7 15.8 23.6
150 11.6 8.8 13.2





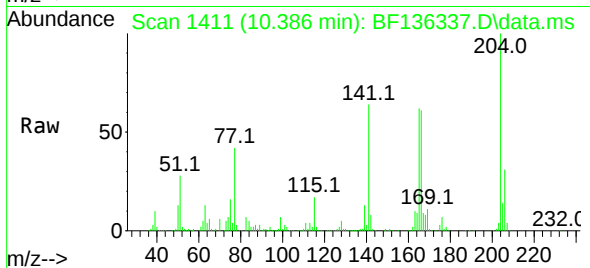
#61
4-Chlorophenyl-phenylether
Concen: 43.000 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

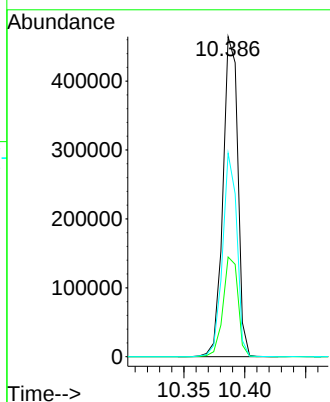
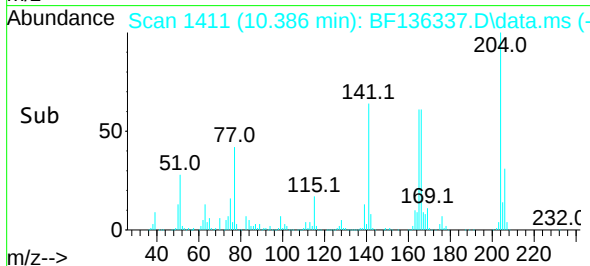
PB157140BS



Tgt Ion:204 Resp: 396094
Ion Ratio Lower Upper
204 100
206 31.2 23.4 35.0
141 63.6 47.6 71.4

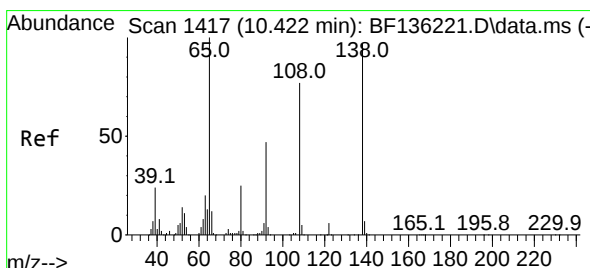
Manual Integrations
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Reviewed By :Yogesh
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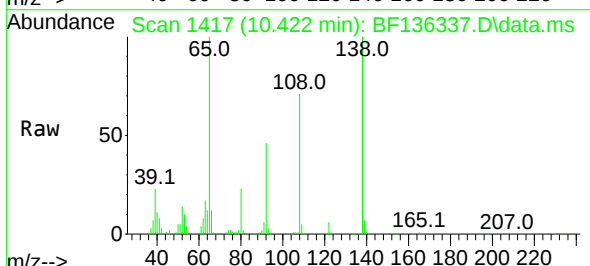


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Supervised By :mohammad
ahmed

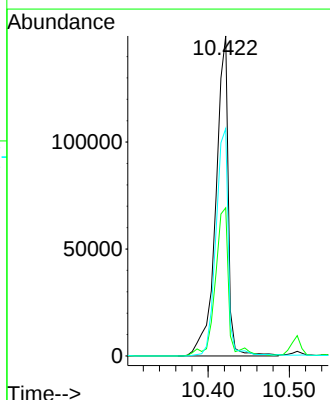
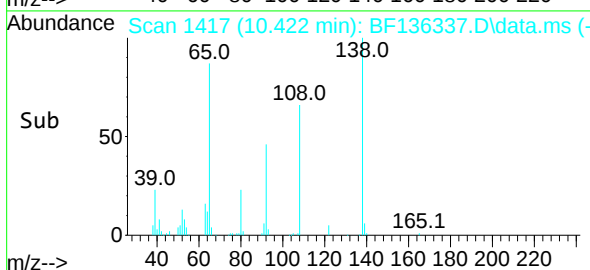
12/05/2023

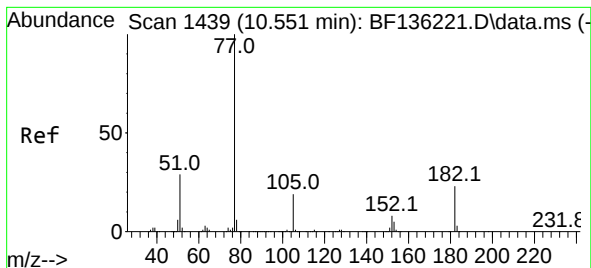


#62
4-Nitroaniline
Concen: 40.512 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



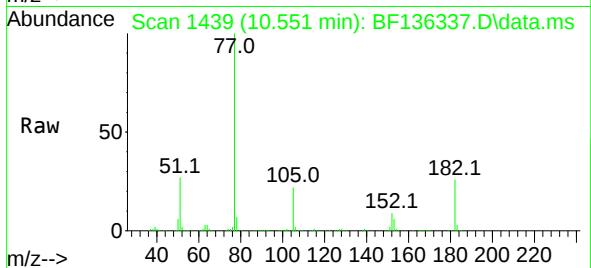
Tgt Ion:138 Resp: 159862
Ion Ratio Lower Upper
138 100
92 46.3 28.5 68.5
108 71.1 59.8 99.8





#63
Azobenzene
Concen: 41.943 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

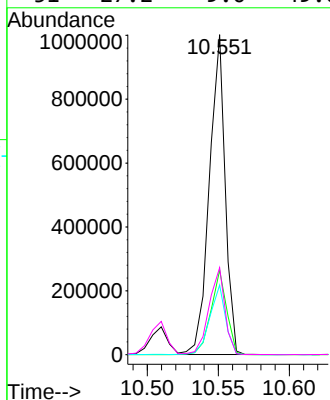
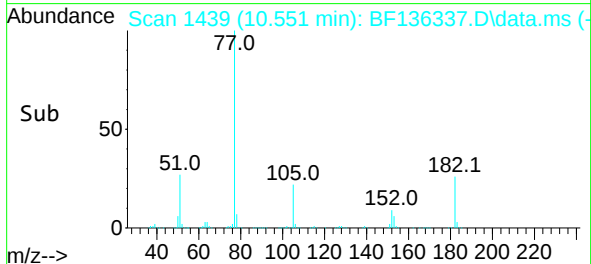
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion: 77 Resp: 77356
Ion Ratio Lower Upper
77 100
182 26.4 3.3 43.3
105 21.8 0.0 39.5
51 27.2 9.0 49.0

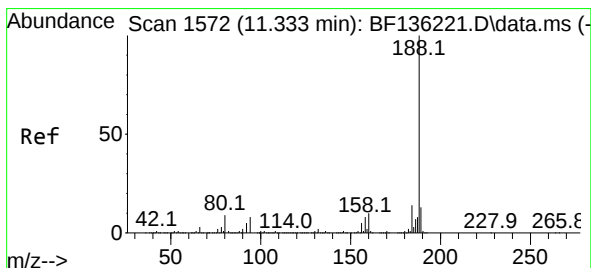
Manual Integrations
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Reviewed By :Yogesh
Patel

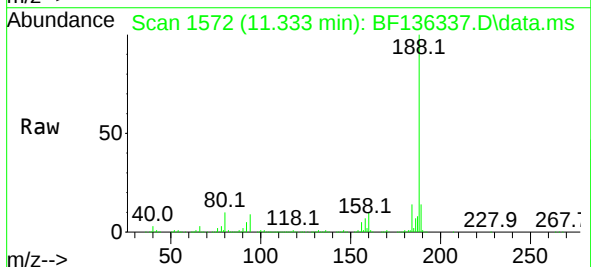


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Supervised By :mohammad
ahmed

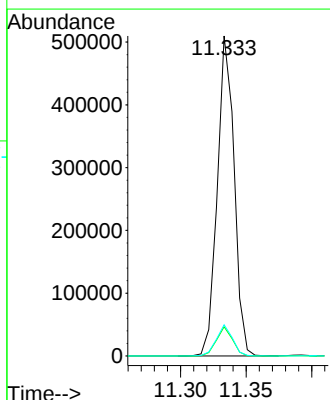
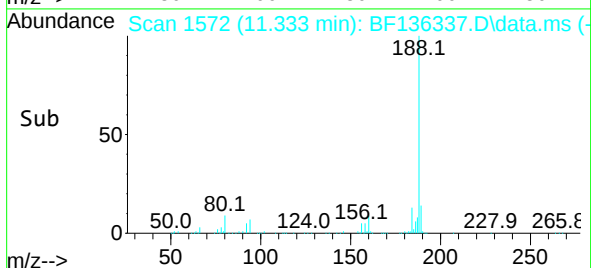
12/05/2023

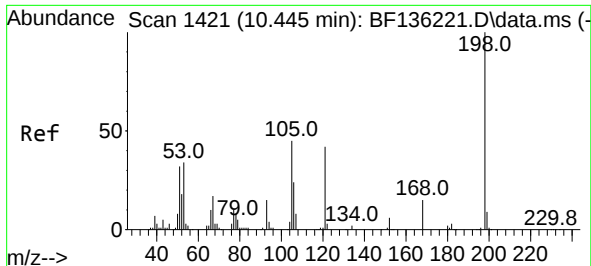


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:188 Resp: 454025
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.8 7.2 10.8





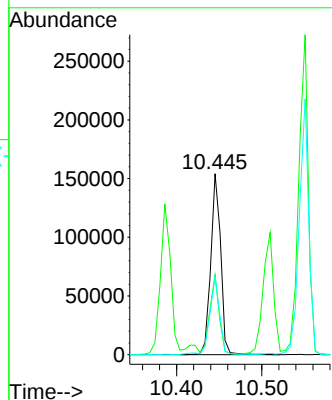
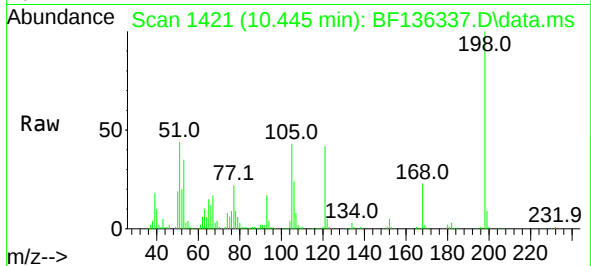
#65
4,6-Dinitro-2-methylphenol
Concen: 50.199 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :
BNA_F
ClientSampleId :
PB157140BS

Tgt Ion:198 Resp: 124639
Ion Ratio Lower Upper
198 100
51 44.2 28.2 68.2
105 43.1 25.7 65.7

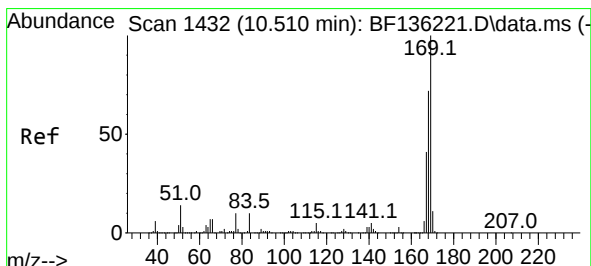
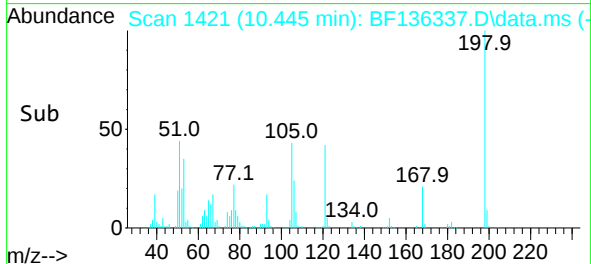
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Reviewed By :Yogesh
Patel



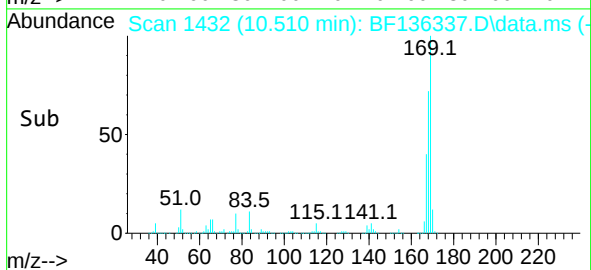
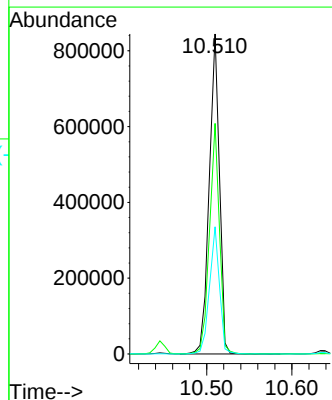
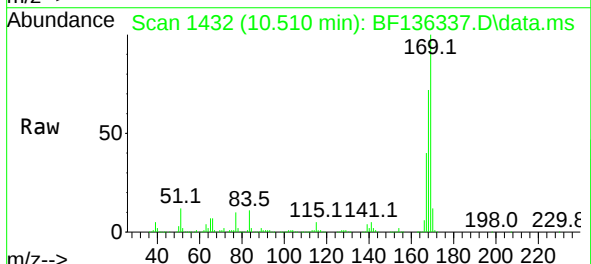
12/04/2023
Supervised By :mohammad
ahmed

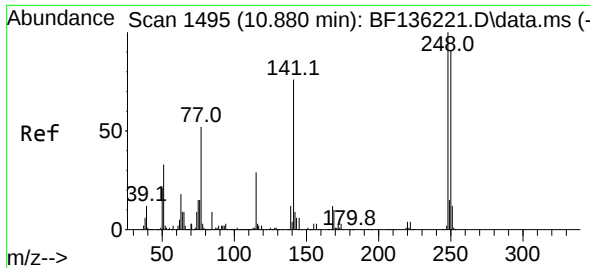
12/05/2023



#66
n-Nitrosodiphenylamine
Concen: 48.481 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:169 Resp: 705387
Ion Ratio Lower Upper
169 100
168 72.1 57.8 86.6
167 39.8 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 47.348 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

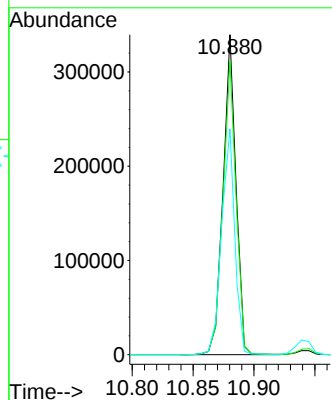
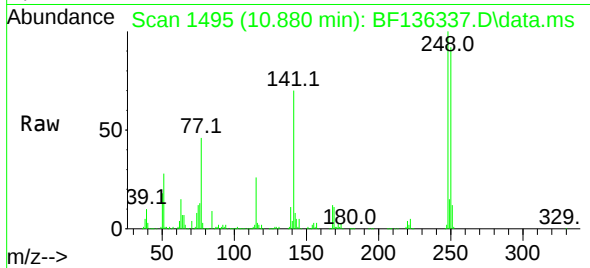
ClientSampleId :

PB157140BS

Tgt Ion:248 Resp: 250790
Ion Ratio Lower Upper
248 100
250 91.8 72.5 108.7
141 70.5 60.8 91.2

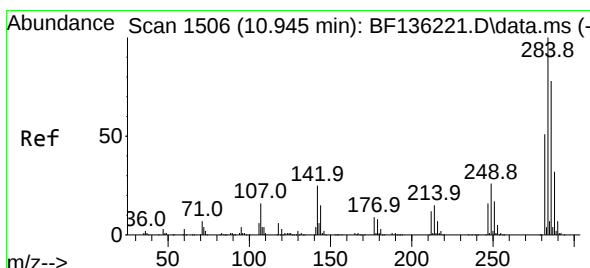
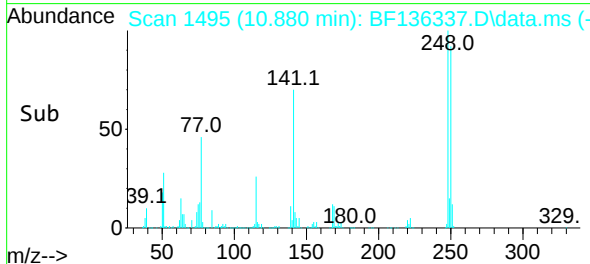
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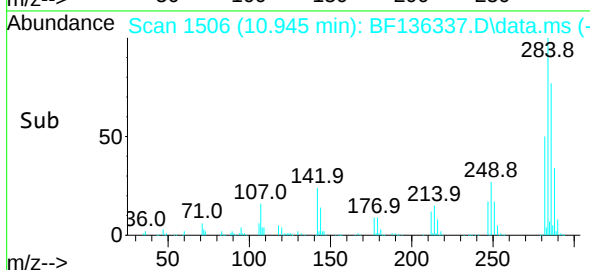
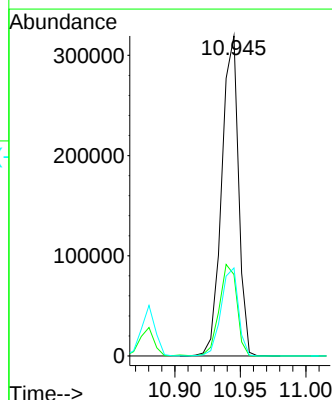
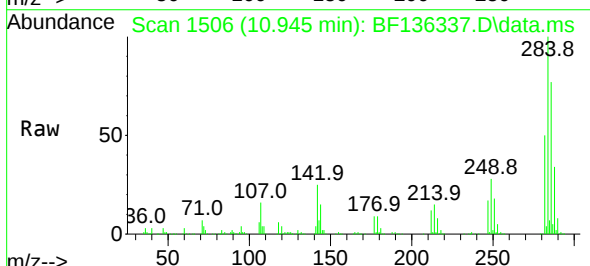
12/04/2023
Supervised By :mohammad
ahmed

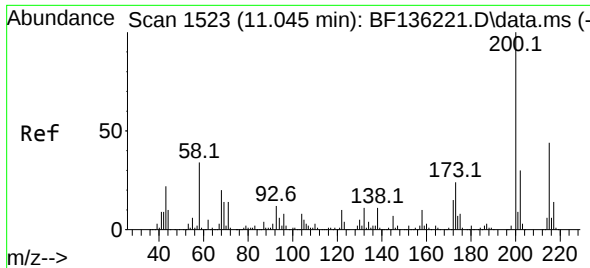
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#68
Hexachlorobenzene
Concen: 46.329 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

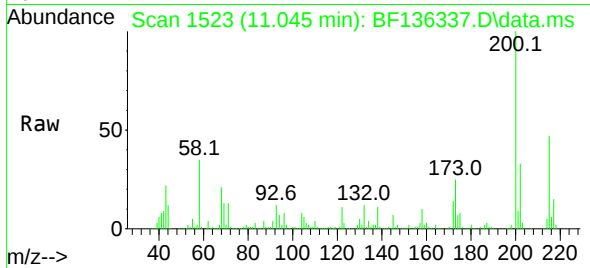
Tgt Ion:284 Resp: 284020
Ion Ratio Lower Upper
284 100
142 25.5 19.8 29.8
249 27.5 21.0 31.4





#69
Atrazine
Concen: 52.299 ng
RT: 11.045 min Scan# 11045
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

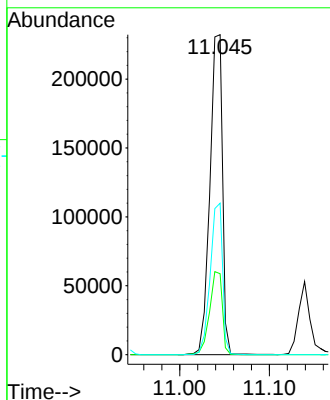
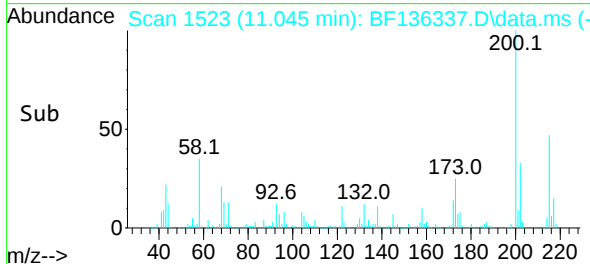
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:200 Resp: 225732
Ion Ratio Lower Upper
200 100
173 25.3 4.3 44.3
215 47.4 23.8 63.8

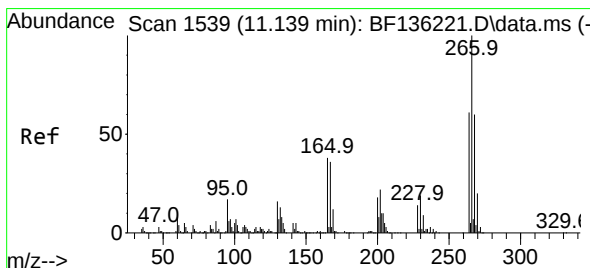
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Patel

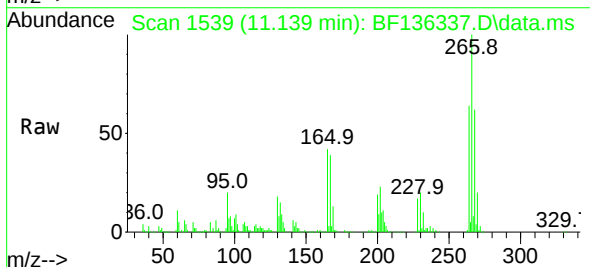


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Supervised By :mohammad
ahmed

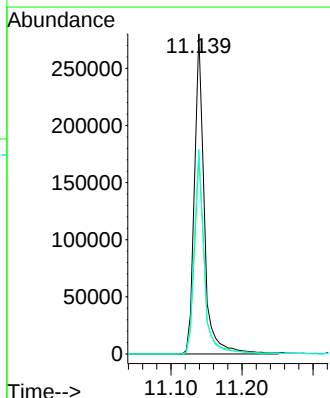
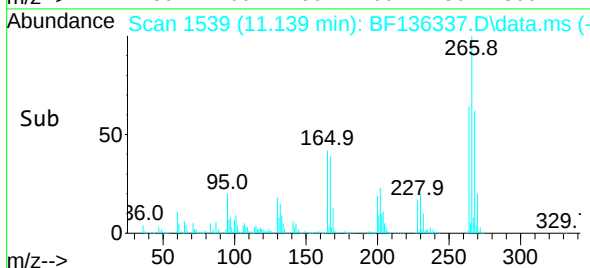
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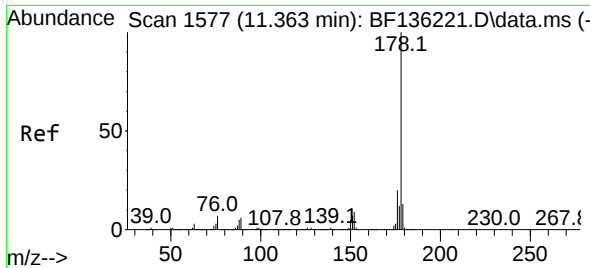


#70
Pentachlorophenol
Concen: 78.392 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:266 Resp: 271652
Ion Ratio Lower Upper
266 100
268 61.7 47.9 71.9
264 63.9 49.1 73.7





#71
Phenanthrene
Concen: 45.838 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

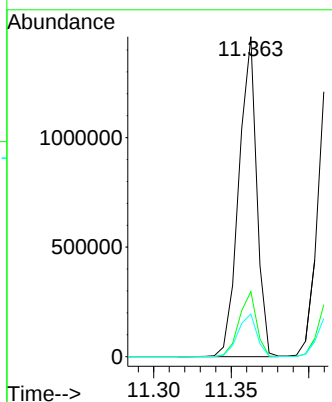
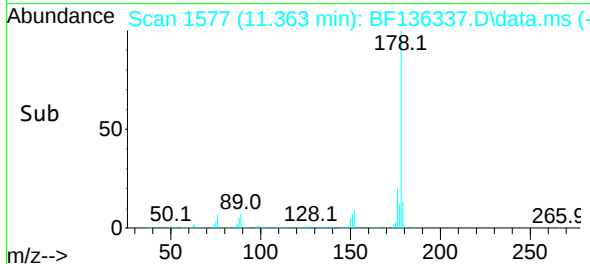
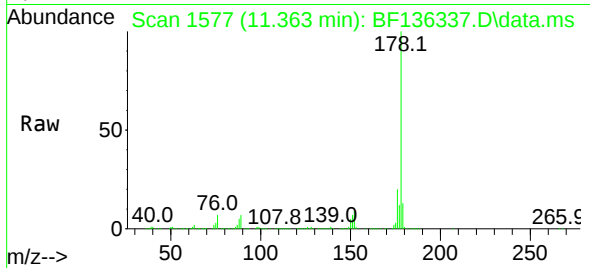
ClientSampleId :

PB157140BS

Tgt Ion:178 Resp: 1169709
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 13.3 10.3 15.5

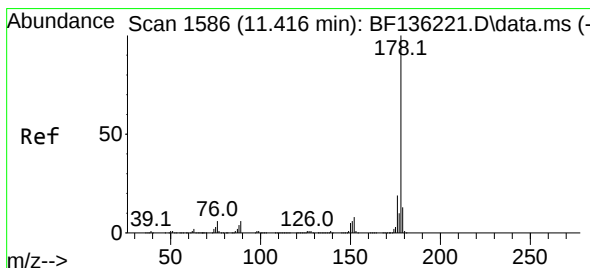
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Patel



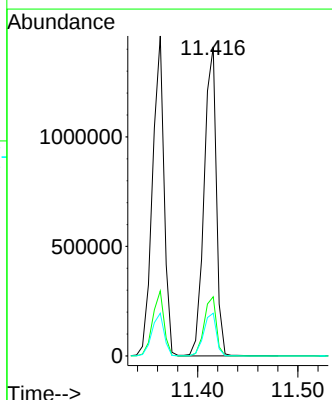
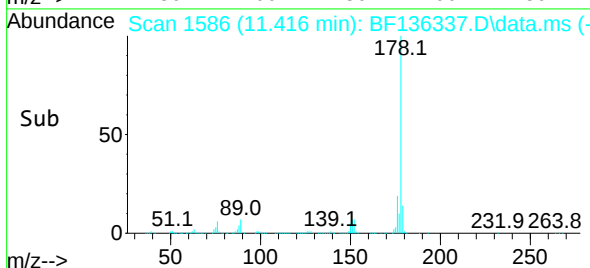
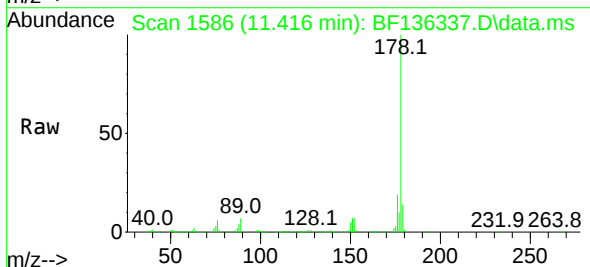
12/04/2023
Supervised By :mohammad
ahmed

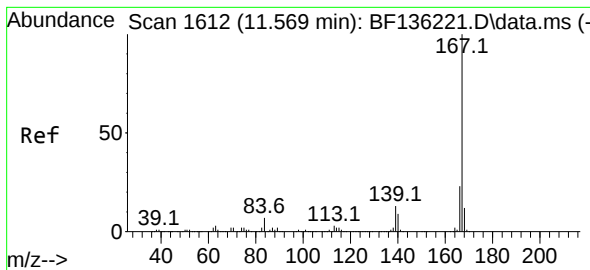
12/05/2023



#72
Anthracene
Concen: 46.838 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

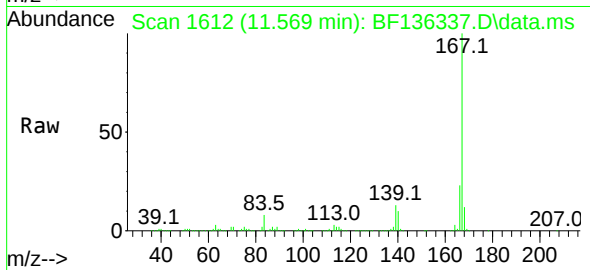
Tgt Ion:178 Resp: 1198588
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 13.8 10.5 15.7





#73
 Carbazole
 Concen: 42.064 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

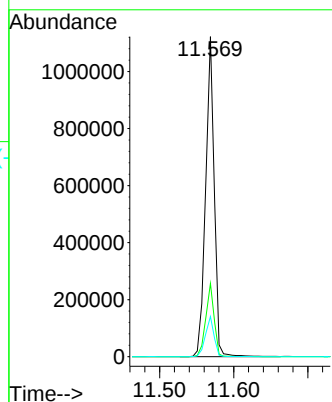
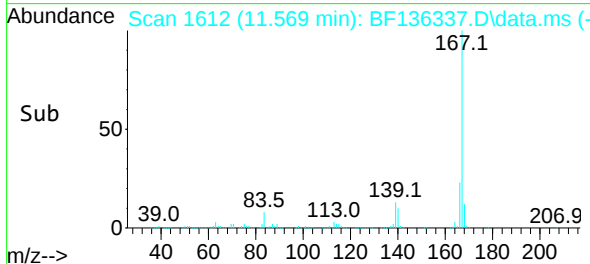
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BS



Tgt Ion:167 Resp: 915519
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.6 10.5 15.7

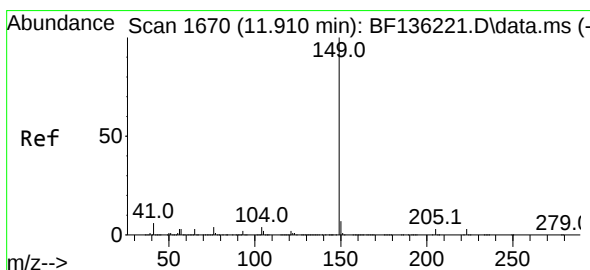
Manual Integrations
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Reviewed By :Yogesh
 Patel

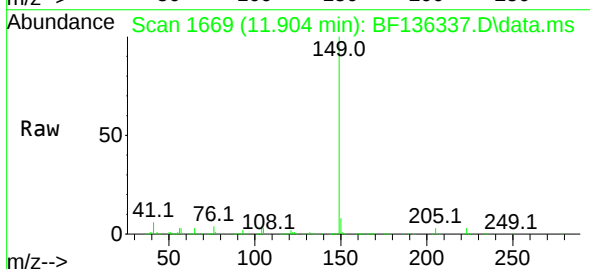


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 Supervised By :mohammad
 ahmed

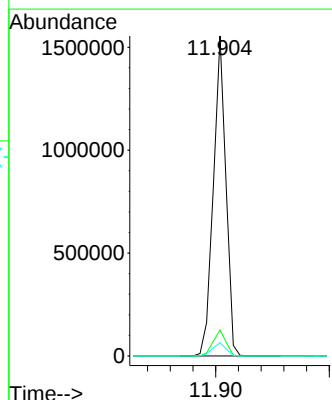
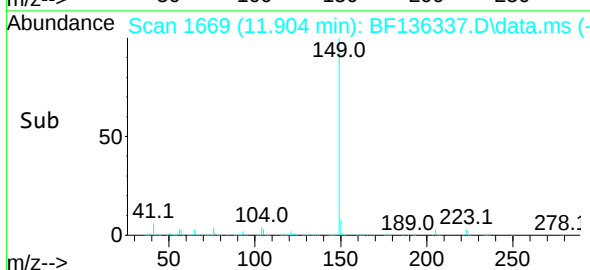
12/05/2023

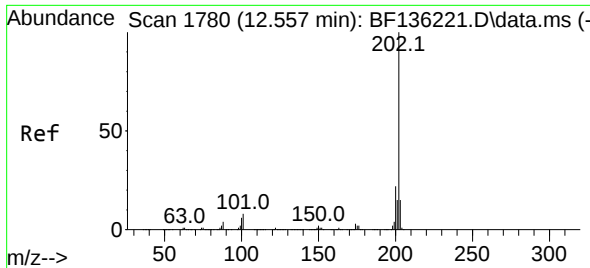


#74
 Di-n-butylphthalate
 Concen: 43.631 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48



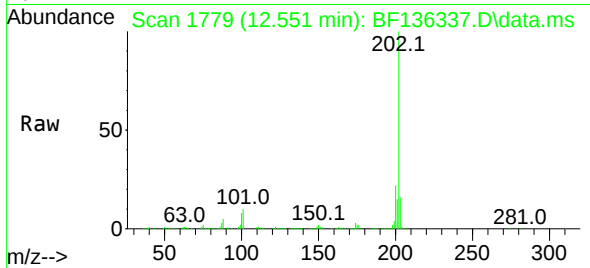
Tgt Ion:149 Resp: 1188178
 Ion Ratio Lower Upper
 149 100
 150 8.1 6.0 9.0
 104 4.2 3.5 5.3





#75
Fluoranthene
Concen: 38.973 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

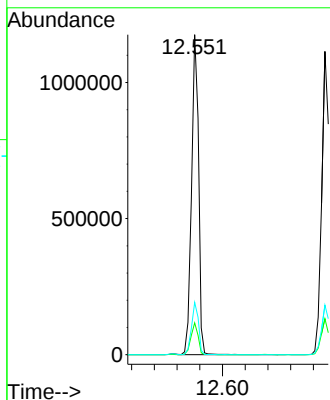
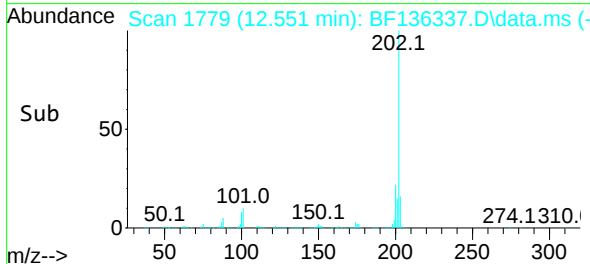
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:202 Resp: 100962
Ion Ratio Lower Upper
202 100
101 9.9 0.0 27.8
203 16.3 0.0 34.5

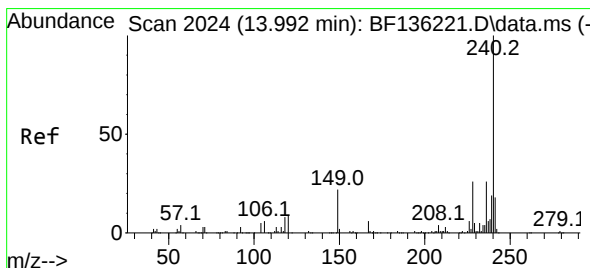
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

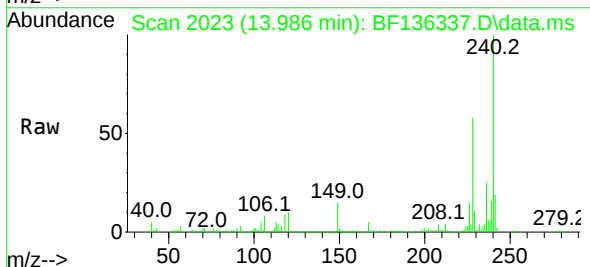


12/04/2023
Supervised By :mohammad
ahmed

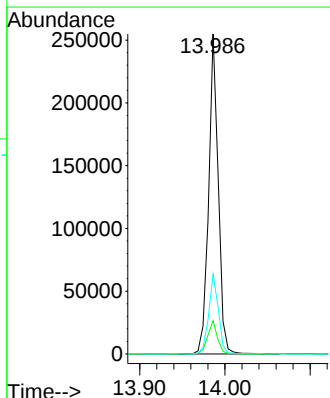
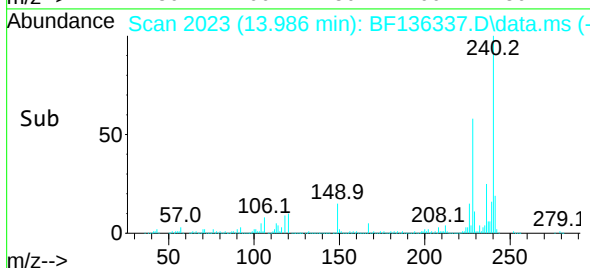
12/05/2023

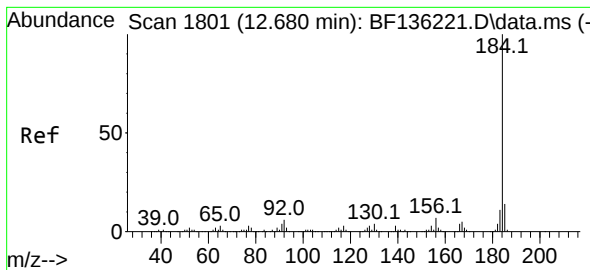


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



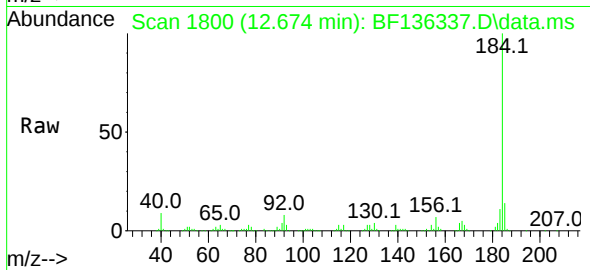
Tgt Ion:240 Resp: 199501
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.2
236 24.9 21.1 31.7





#77
Benzidine
Concen: 50.007 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

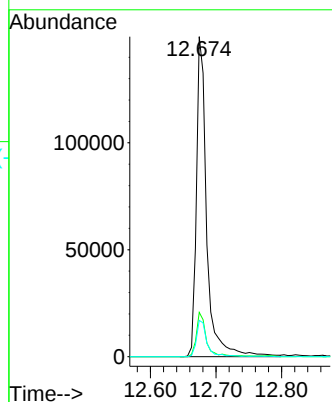
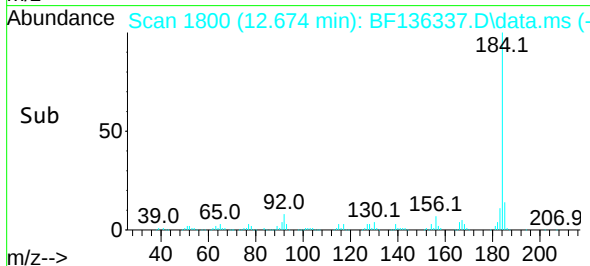
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:184 Resp: 163998
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 11.3 9.0 13.4

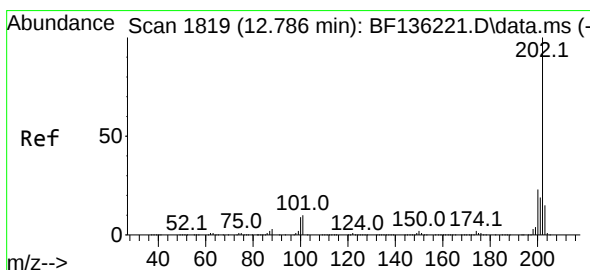
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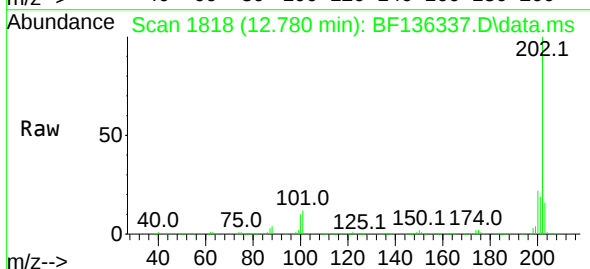


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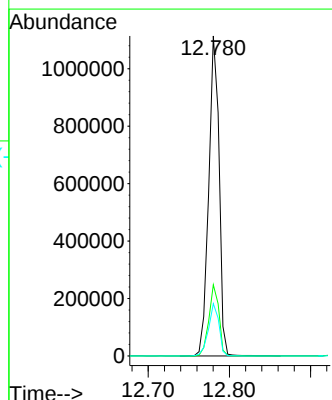
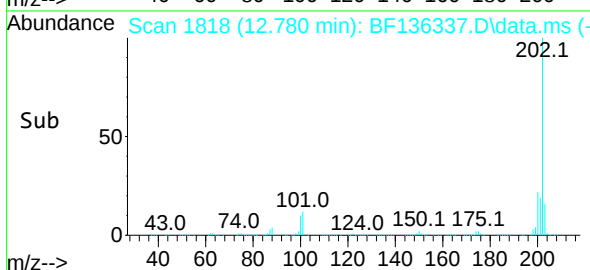
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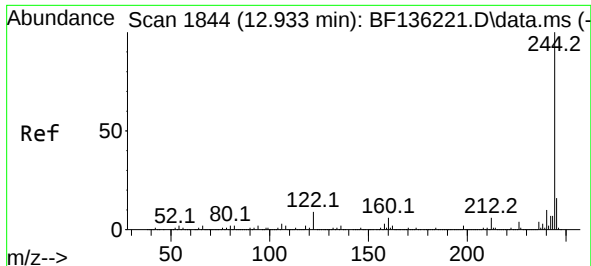


#78
Pyrene
Concen: 45.176 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:202 Resp: 987040
Ion Ratio Lower Upper
202 100
200 22.2 18.4 27.6
203 16.3 11.8 17.6





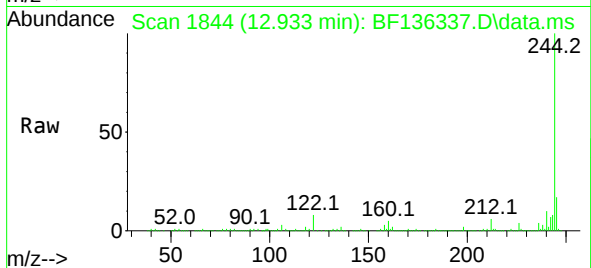
#79
 Terphenyl-d14
 Concen: 85.150 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

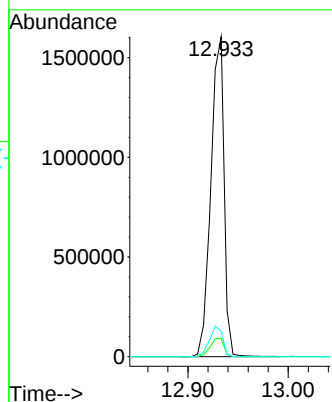
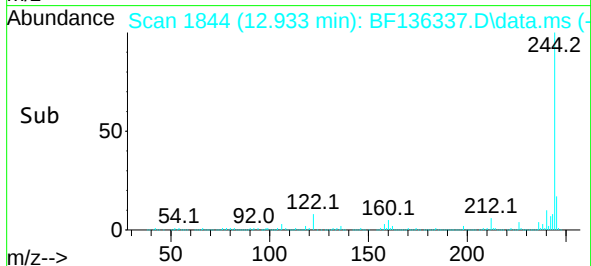
PB157140BS



Tgt Ion:244 Resp: 1472714
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.0 7.3 10.9

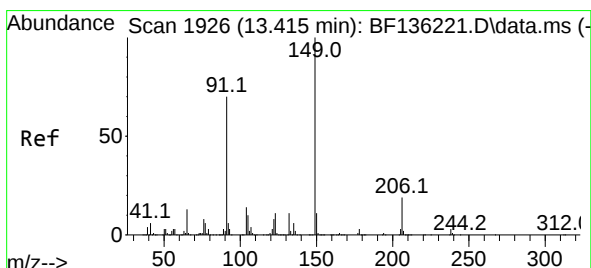
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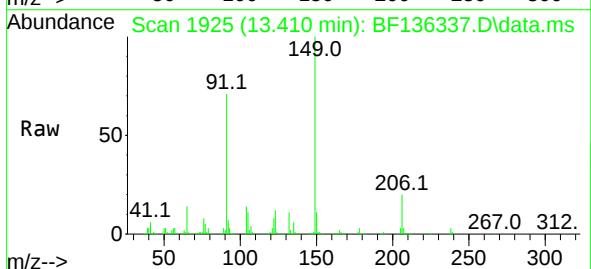


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 ahmed

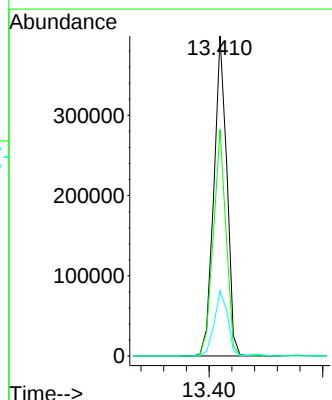
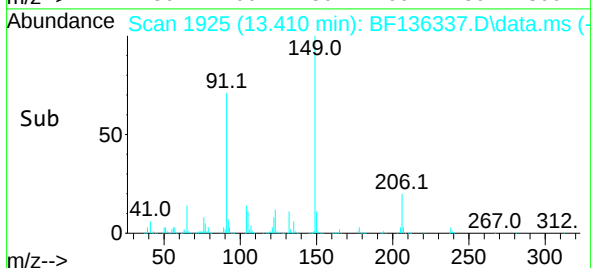
12/05/2023

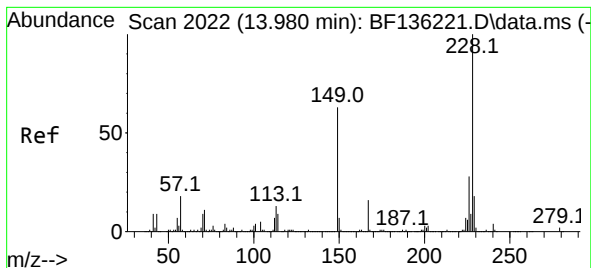


#80
 Butylbenzylphthalate
 Concen: 46.452 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136337.D
 Acq: 01 Dec 2023 14:48



Tgt Ion:149 Resp: 315866
 Ion Ratio Lower Upper
 149 100
 91 70.8 56.4 84.6
 206 20.4 14.8 22.2





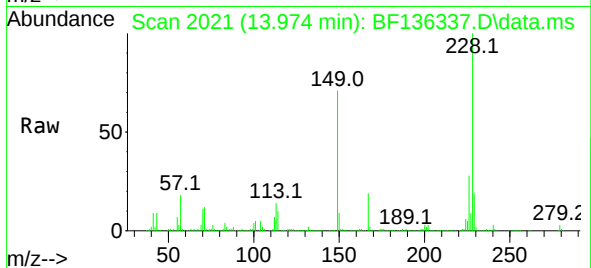
#81
Benzo(a)anthracene
Concen: 44.683 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

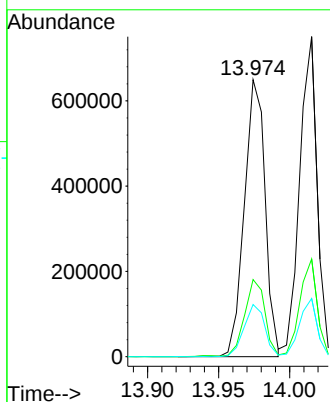
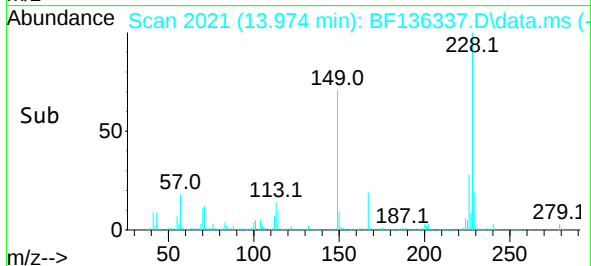
PB157140BS



Tgt Ion:228 Resp: 662129
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 18.8 14.0 21.0

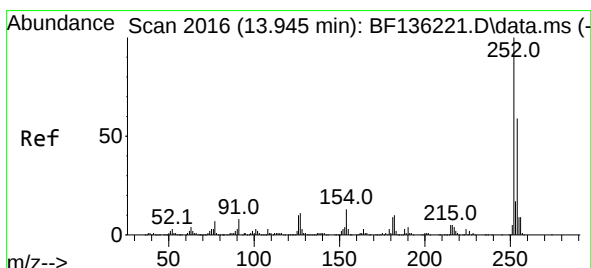
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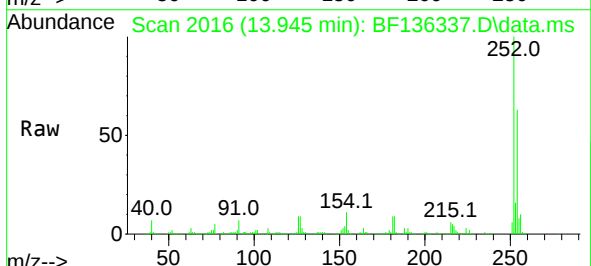


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Supervised By :mohammad
ahmed

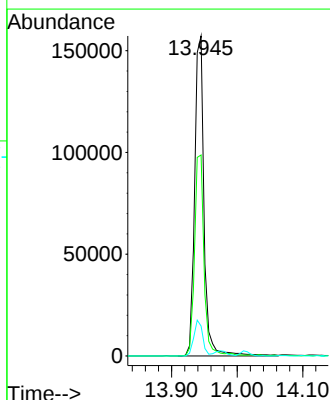
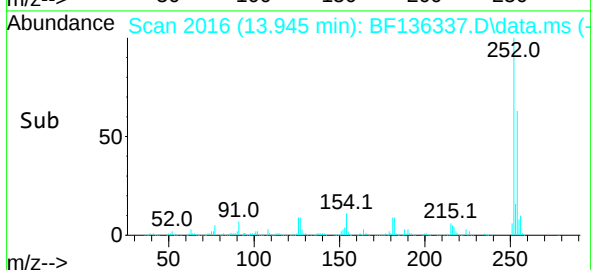
12/05/2023

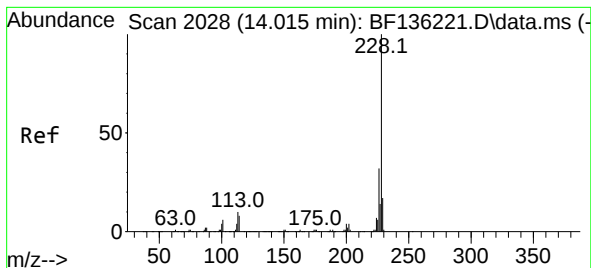


#82
3,3'-Dichlorobenzidine
Concen: 44.086 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:252 Resp: 157254
Ion Ratio Lower Upper
252 100
254 62.8 47.4 71.2
126 9.3 8.3 12.5





#83

Chrysene

Concen: 45.125 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

Tgt Ion:228 Resp: 645630

Ion Ratio Lower Upper

228 100

226 30.5 25.5 38.3

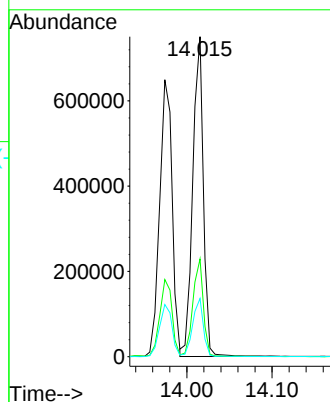
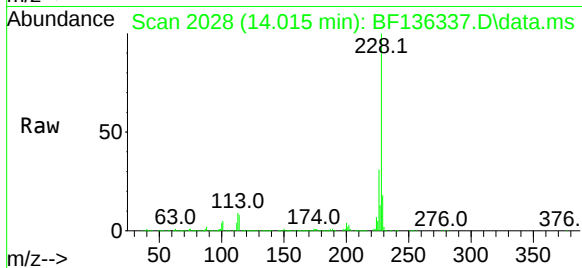
229 18.2 13.9 20.9

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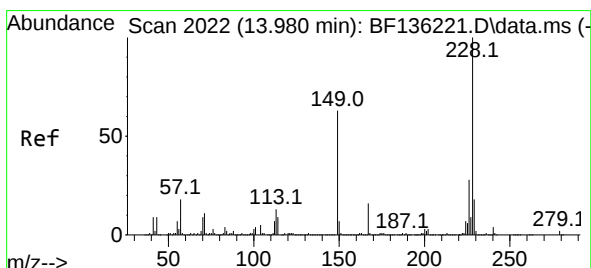
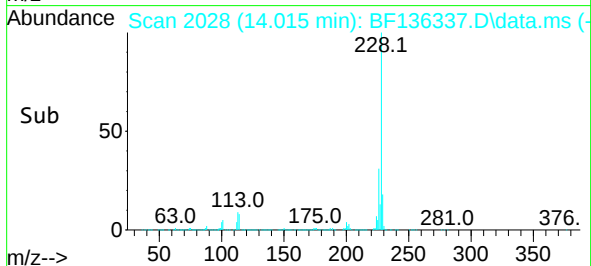
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ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 48.228 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

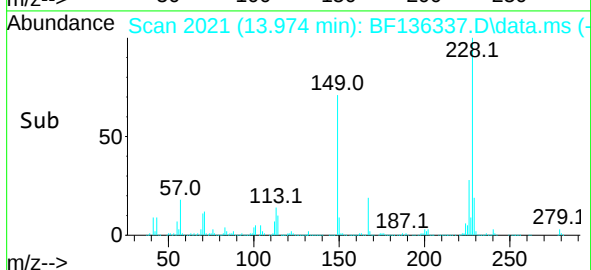
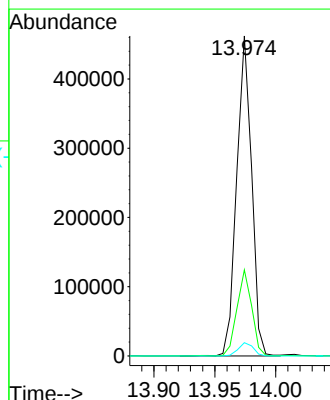
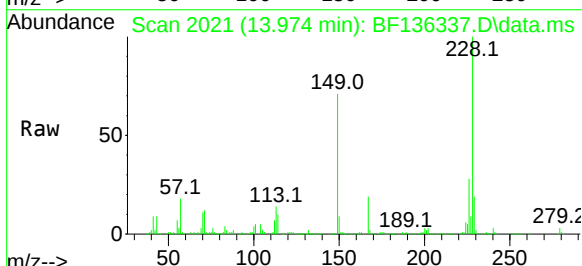
Tgt Ion:149 Resp: 393574

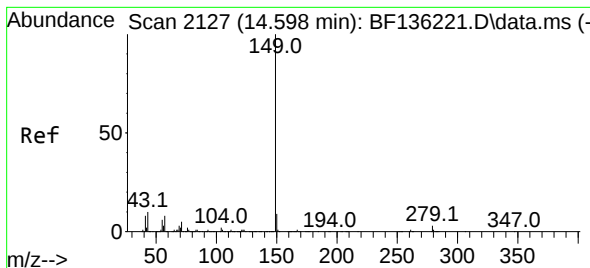
Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.2

279 4.2 2.4 3.6#





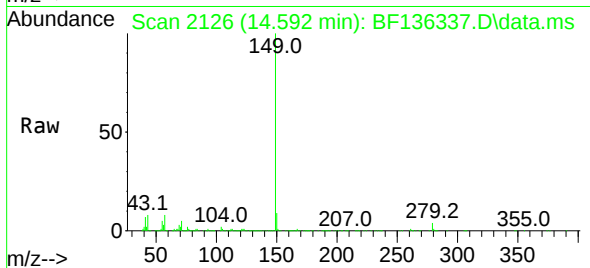
#85
Di-n-octyl phthalate
Concen: 54.466 ng
RT: 14.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNF

ClientSampleId :

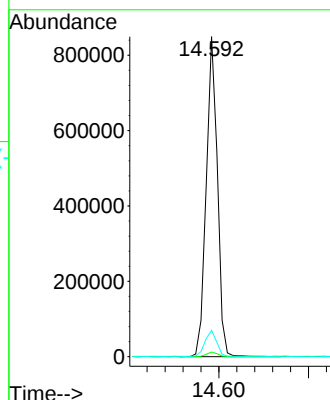
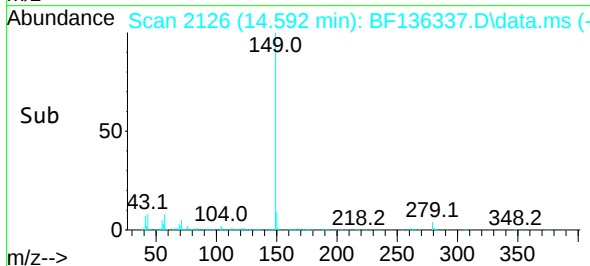
PB157140BS



Tgt Ion:149 Resp: 732219
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 8.5 7.2 10.8

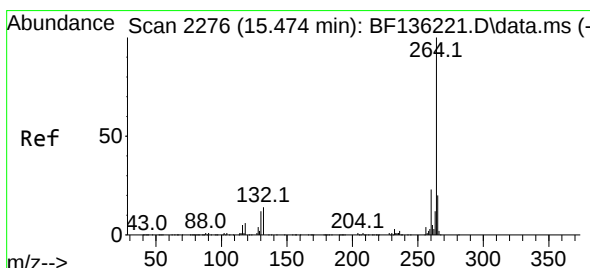
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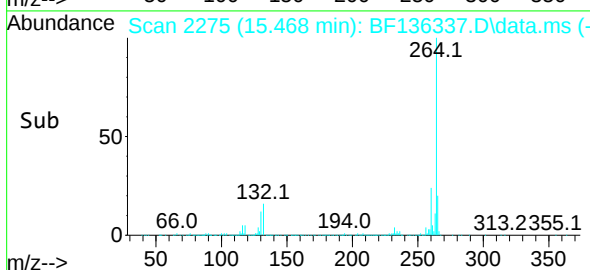
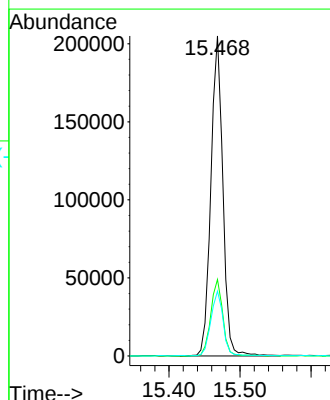
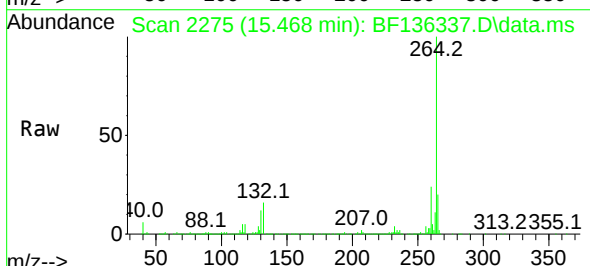
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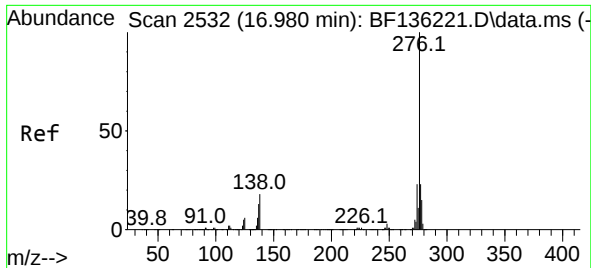
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:264 Resp: 240705
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 20.3 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.651 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

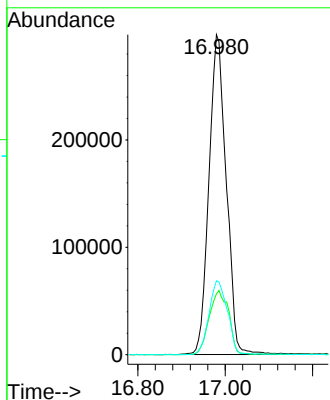
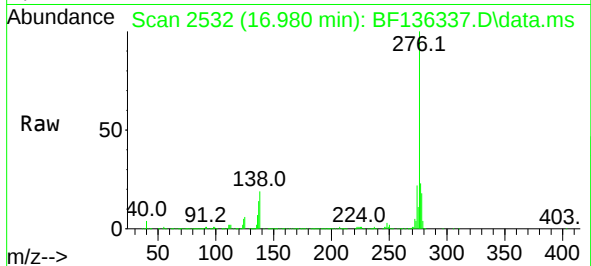
ClientSampleId :

PB157140BS

Tgt Ion:276 Resp: 818872
Ion Ratio Lower Upper
276 100
138 22.8 17.7 26.5
277 24.7 19.6 29.4

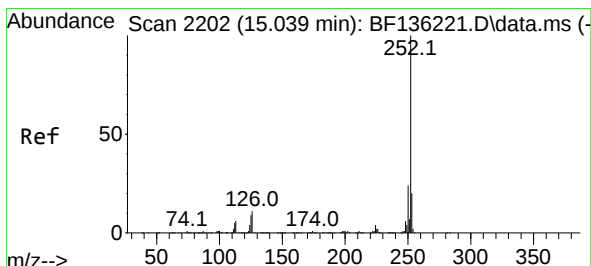
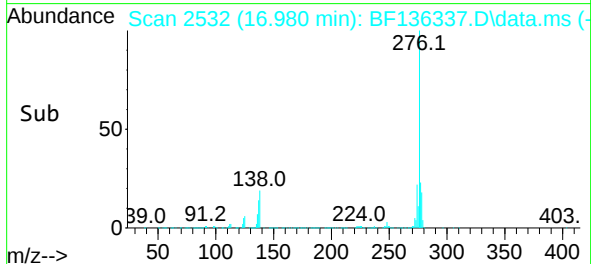
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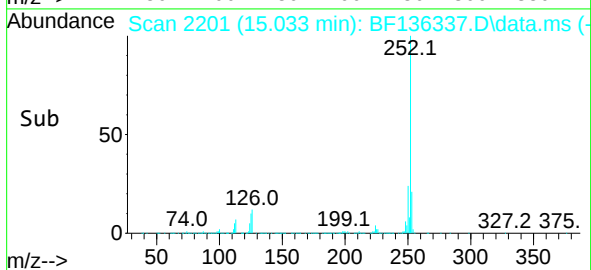
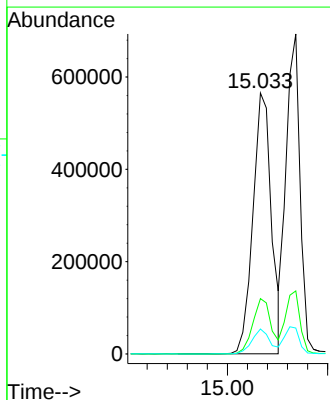
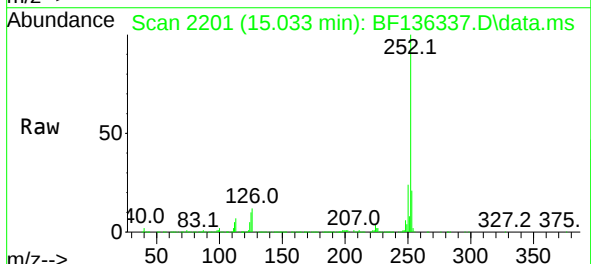
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ahmed

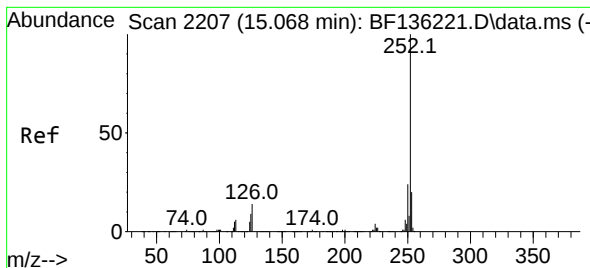
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#88
Benzo(b)fluoranthene
Concen: 42.858 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

Tgt Ion:252 Resp: 723772
Ion Ratio Lower Upper
252 100
253 21.2 16.2 24.2
125 9.6 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 42.283 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

Instrument :

BNA_F

ClientSampleId :

PB157140BS

Tgt Ion:252 Resp: 67818

Ion Ratio Lower Upper

252 100

253 19.7 15.6 23.4

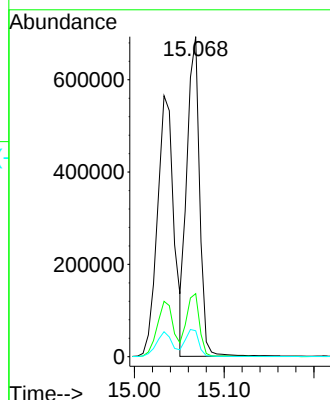
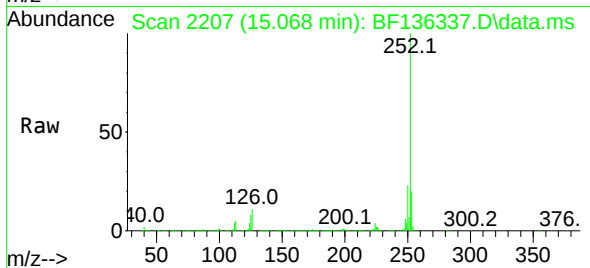
125 8.1 7.0 10.4

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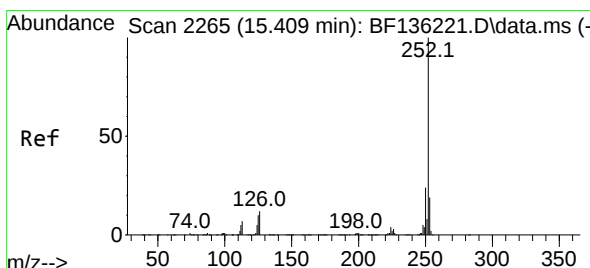
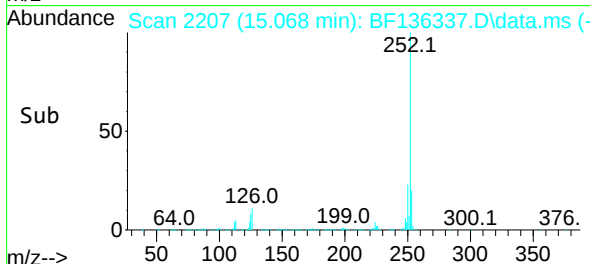
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ahmed

12/05/2023



#90

Benzo(a)pyrene

Concen: 45.718 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF136337.D

Acq: 01 Dec 2023 14:48

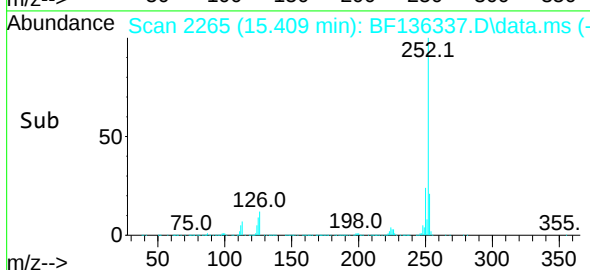
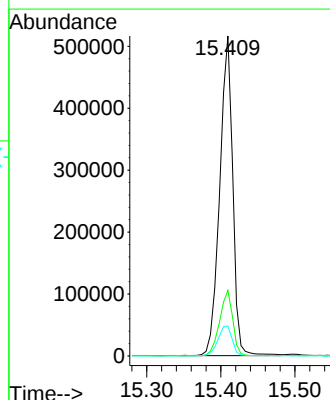
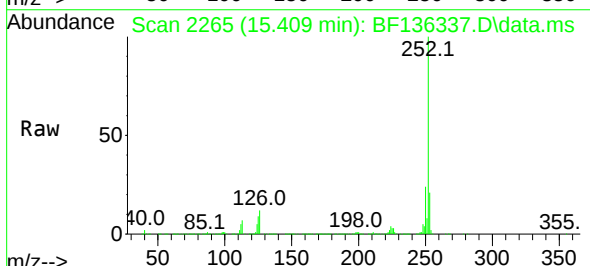
Tgt Ion:252 Resp: 631140

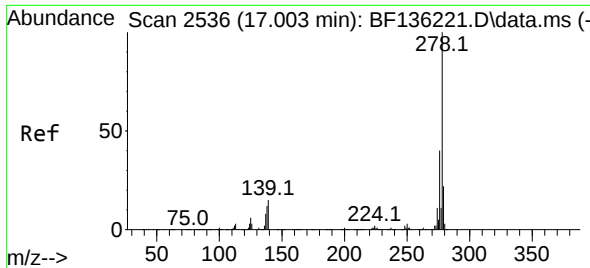
Ion Ratio Lower Upper

252 100

253 20.5 15.5 23.3

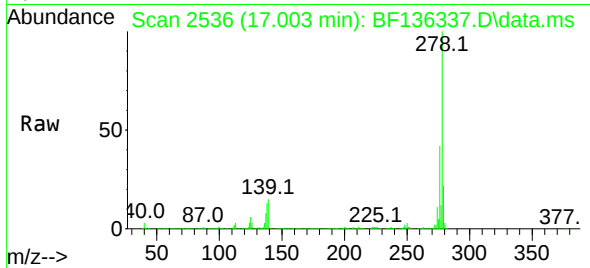
125 9.4 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 45.915 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48

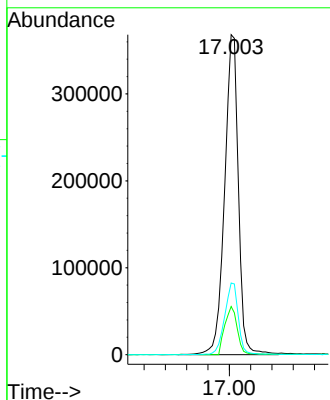
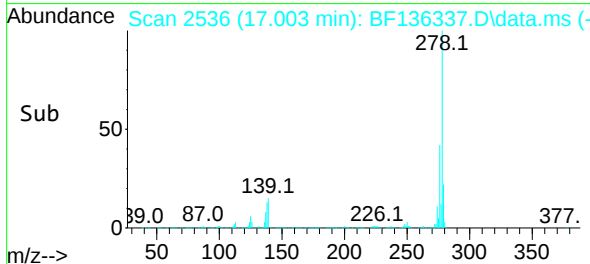
Instrument :
BNA_F
ClientSampleId :
PB157140BS



Tgt Ion:278 Resp: 661235
Ion Ratio Lower Upper
278 100
139 15.1 11.7 17.5
279 22.4 17.8 26.8

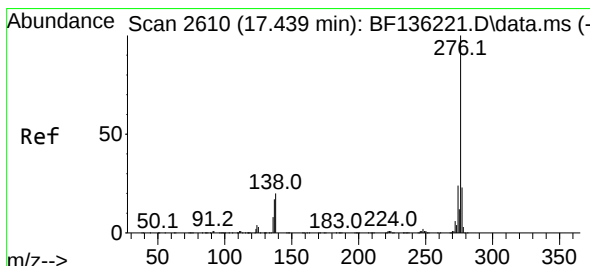
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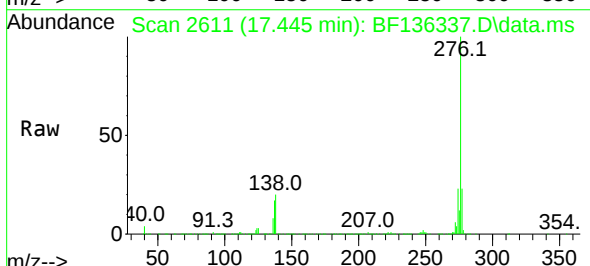


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Supervised By :mohammad
ahmed

12/05/2023



#92
Benzo(g,h,i)perylene
Concen: 44.993 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF136337.D
Acq: 01 Dec 2023 14:48



Tgt Ion:276 Resp: 650173
Ion Ratio Lower Upper
276 100
277 22.8 18.6 27.8
138 20.2 15.8 23.8

