

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136491.D
 Acq On : 11 Dec 2023 15:31
 Operator : CG\JU
 Sample : PB157390BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157390BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 11 15:49:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	131126	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	558601	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	296819	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	558367	20.000	ng	0.00
76) Chrysene-d12	13.980	240	287494	20.000	ng	0.00
86) Perylene-d12	15.451	264	241454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1015963	114.424	ng	0.02
7) Phenol-d6	6.451	99	1263209	114.031	ng	0.00
23) Nitrobenzene-d5	7.363	82	756655	73.228	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	420715	114.956	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1553153	71.400	ng	0.00
79) Terphenyl-d14	12.922	244	1722148	78.954	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	109062	31.055	ng	96
3) Pyridine	3.416	79	266787	31.369	ng	96
4) n-Nitrosodimethylamine	3.381	42	150162	40.640	ng	99
6) Aniline	6.463	93	312187	27.885	ng	# 10
8) 2-Chlorophenol	6.587	128	408658	42.160	ng	100
9) Benzaldehyde	6.351	77	142436	22.897	ng	96
10) Phenol	6.463	94	471343	39.986	ng	88
11) bis(2-Chloroethyl)ether	6.540	93	357715	40.712	ng	98
12) 1,3-Dichlorobenzene	6.740	146	407320	37.366	ng	98
13) 1,4-Dichlorobenzene	6.816	146	418131	37.812	ng	100
14) 1,2-Dichlorobenzene	6.963	146	399124	38.383	ng	99
15) Benzyl Alcohol	6.946	79	313539	42.267	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	424448	37.560	ng	94
17) 2-Methylphenol	7.057	107	333191	42.547	ng	95
18) Hexachloroethane	7.304	117	145173	37.603	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	253651	39.693	ng	96
20) 3+4-Methylphenols	7.210	107	397921	40.938	ng	97
22) Acetophenone	7.204	105	539099	39.082	ng	# 98
24) Nitrobenzene	7.381	77	385613	37.097	ng	98
25) Isophorone	7.616	82	719567	38.761	ng	99
26) 2-Nitrophenol	7.693	139	212494	41.582	ng	99
27) 2,4-Dimethylphenol	7.740	122	328267	52.096	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	442470	38.788	ng	99
29) 2,4-Dichlorophenol	7.940	162	343163	41.259	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	369191	38.067	ng	99
31) Naphthalene	8.098	128	1163560	37.772	ng	100
32) Benzoic acid	7.875	122	257282	41.159	ng	94
33) 4-Chloroaniline	8.145	127	276241	25.154	ng	98
34) Hexachlorobutadiene	8.210	225	206535	35.933	ng	99
35) Caprolactam	8.528	113	109454m	42.734	ng	
36) 4-Chloro-3-methylphenol	8.640	107	365909	41.434	ng	99
37) 2-Methylnaphthalene	8.787	142	750676	38.305	ng	94
38) 1-Methylnaphthalene	8.887	142	712569	37.054	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	362814	39.289	ng	100
41) Hexachlorocyclopentadiene	8.940	237	315904	92.339	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	245426	40.817	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	265791	39.606	ng	94
46) 1,1'-Biphenyl	9.257	154	963255	38.139	ng	99
47) 2-Chloronaphthalene	9.281	162	741235	37.708	ng	99
48) 2-Nitroaniline	9.381	65	214363	40.659	ng	94
49) Acenaphthylene	9.698	152	1128430	40.297	ng	98
50) Dimethylphthalate	9.563	163	877661	40.162	ng	99
51) 2,6-Dinitrotoluene	9.628	165	195280	39.721	ng	89
52) Acenaphthene	9.869	154	689198	38.408	ng	98
53) 3-Nitroaniline	9.792	138	163761	32.619	ng	96
54) 2,4-Dinitrophenol	9.904	184	220300	88.628	ng	92
55) Dibenzofuran	10.039	168	1032476	39.386	ng	99
56) 4-Nitrophenol	9.969	139	322223	85.618	ng	98
57) 2,4-Dinitrotoluene	10.034	165	253955	39.048	ng	97
58) Fluorene	10.386	166	804171	38.215	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	230464	42.873	ng	99
60) Diethylphthalate	10.263	149	835286	38.871	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	391040	38.119	ng	98
62) 4-Nitroaniline	10.416	138	195136	39.145	ng	97
63) Azobenzene	10.539	77	740725	37.871	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	147763	42.730	ng	97
66) n-Nitrosodiphenylamine	10.504	169	730790	40.788	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	255889	39.417	ng	96
68) Hexachlorobenzene	10.934	284	288476	38.447	ng	95
69) Atrazine	11.034	200	203304	39.756	ng	99
70) Pentachlorophenol	11.134	266	282005	66.594	ng	97
71) Phenanthrene	11.351	178	1218868	39.715	ng	99
72) Anthracene	11.404	178	1222122	39.536	ng	99
73) Carbazole	11.563	167	1068843	39.067	ng	99
74) Di-n-butylphthalate	11.892	149	1263607	37.675	ng	99
75) Fluoranthene	12.545	202	1201533	37.359	ng	99
77) Benzidine	12.663	184	76050	17.641	ng	98
78) Pyrene	12.775	202	1208284	42.914	ng	98
80) Butylbenzylphthalate	13.398	149	416169	41.521	ng	94
81) Benzo(a)anthracene	13.969	228	840307	41.961	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	231685	41.263	ng	99
83) Chrysene	14.004	228	788630	40.027	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	501940	40.850	ng	98
85) Di-n-octyl phthalate	14.580	149	731911	40.327	ng	99
87) Indeno(1,2,3-cd)pyrene	16.963	276	836873	49.890	ng	99
88) Benzo(b)fluoranthene	15.021	252	713451	43.216	ng	100
89) Benzo(k)fluoranthene	15.051	252	701476	45.087	ng	99
90) Benzo(a)pyrene	15.392	252	620779	45.533	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	697853	50.782	ng	99
92) Benzo(g,h,i)perylene	17.421	276	692859	49.122	ng	100

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

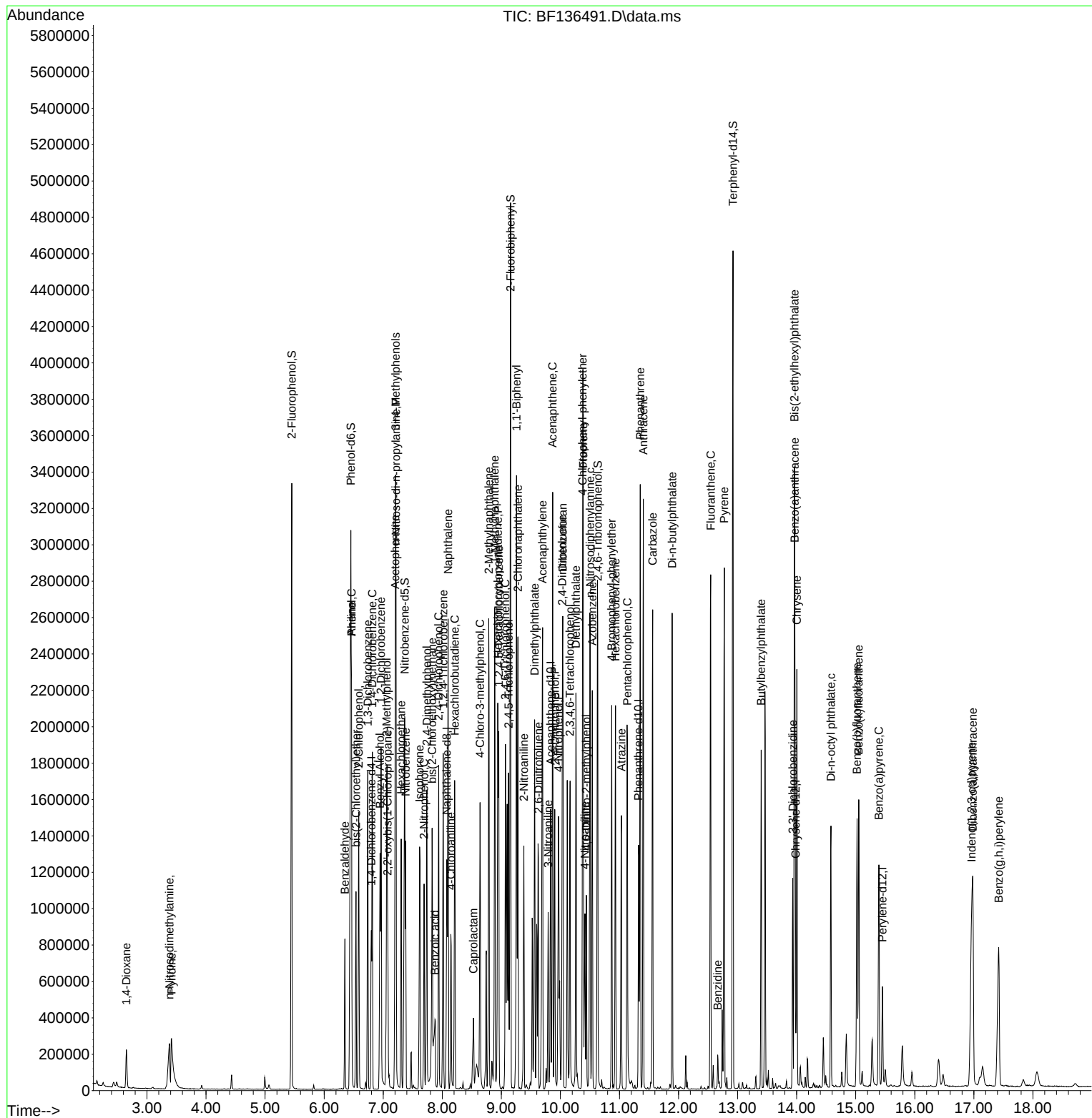
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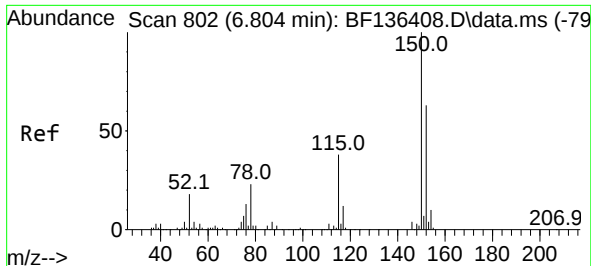
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ClientSampleId :
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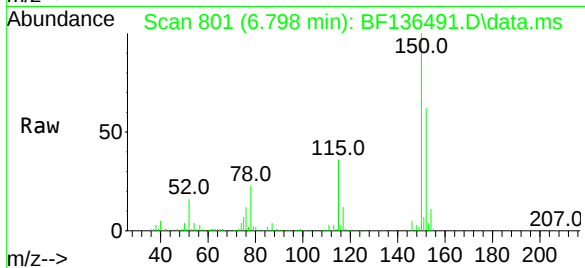
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

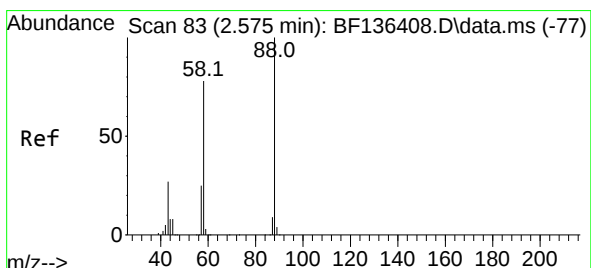
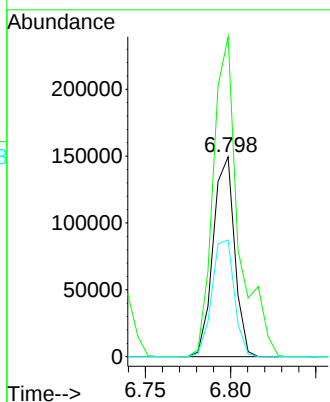
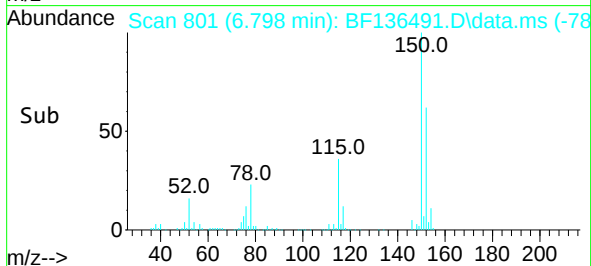
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



Tgt Ion:152 Resp: 131120
Ion Ratio Lower Upper
152 100
150 160.1 126.4 189.6
115 58.4 48.2 72.4

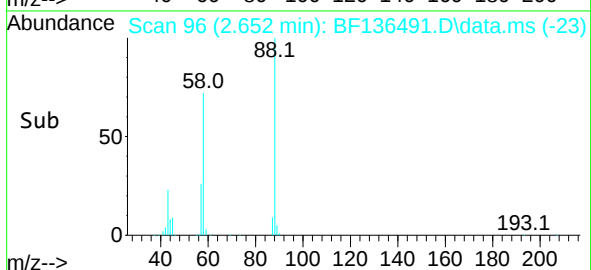
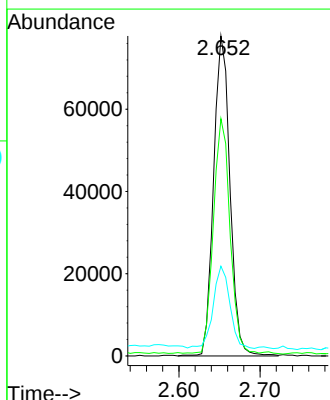
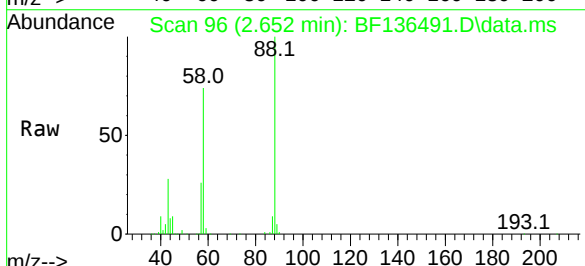
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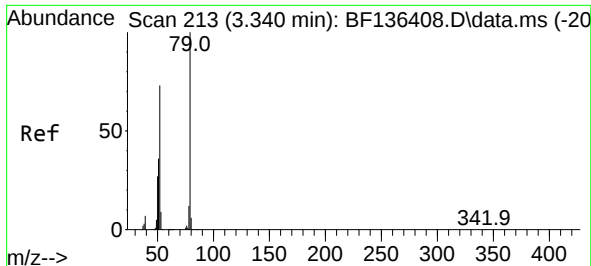
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 31.055 ng
RT: 2.652 min Scan# 96
Delta R.T. 0.077 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

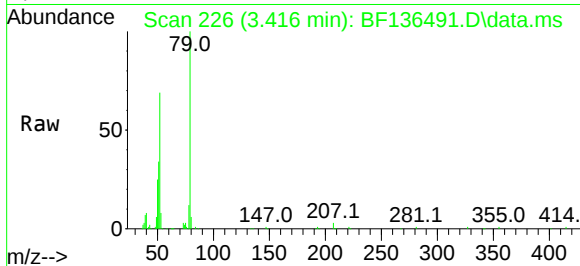
Tgt Ion: 88 Resp: 109062
Ion Ratio Lower Upper
88 100
58 73.9 62.2 93.2
43 26.1 21.5 32.3





#3
Pyridine
Concen: 31.369 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

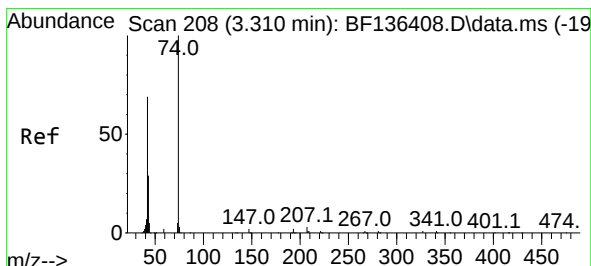
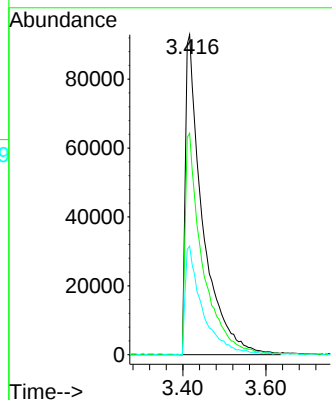
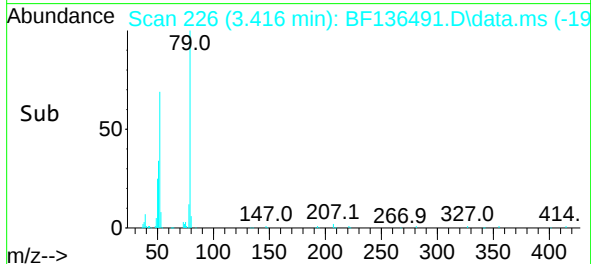
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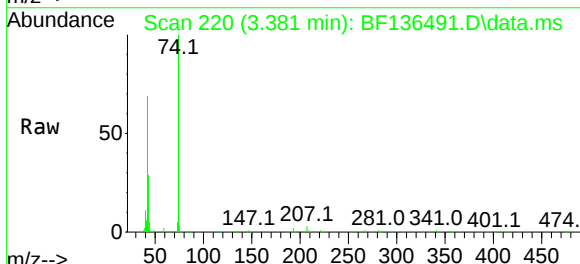
Tgt Ion: 79 Resp: 26678
Ion Ratio Lower Upper
79 100
52 69.2 58.2 87.2
51 33.9 29.1 43.7

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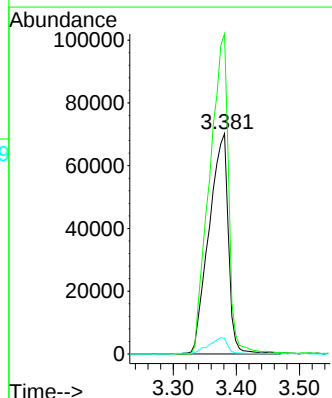
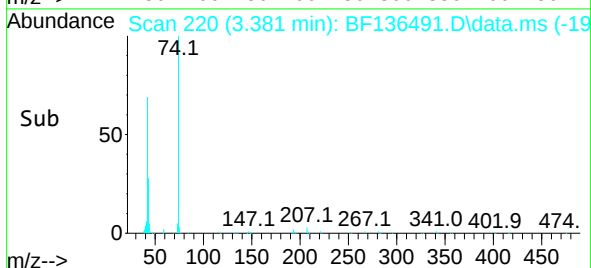
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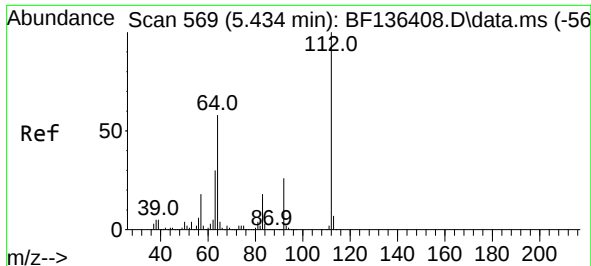


#4
n-Nitrosodimethylamine
Concen: 40.640 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.071 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



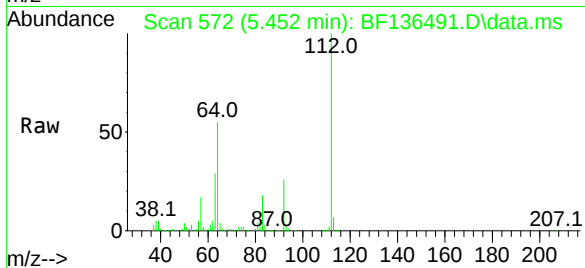
Tgt Ion: 42 Resp: 150162
Ion Ratio Lower Upper
42 100
74 145.2 115.4 173.0
44 7.1 6.2 9.2





#5
2-Fluorophenol
Concen: 114.424 ng
RT: 5.452 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

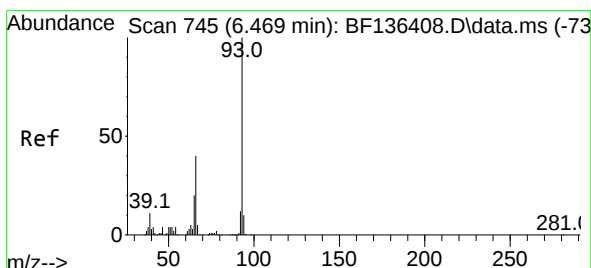
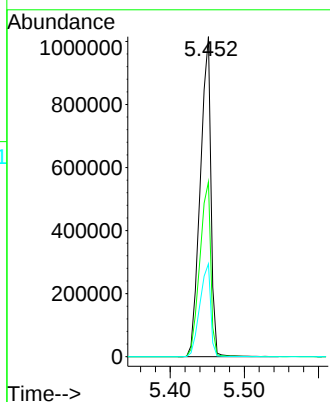
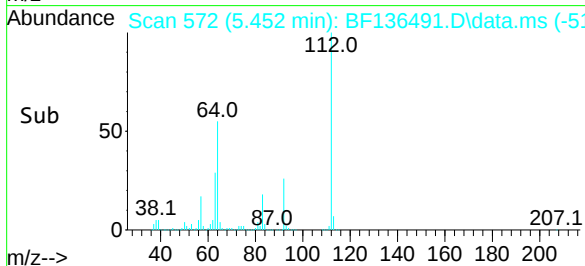
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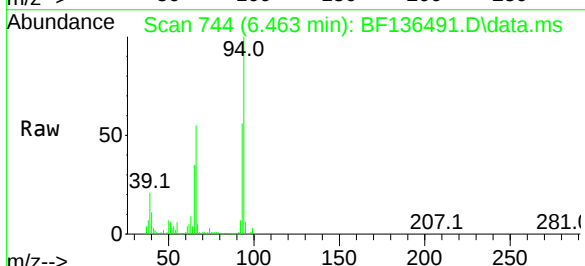
Tgt Ion:112 Resp: 101596
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 29.0 23.9 35.9

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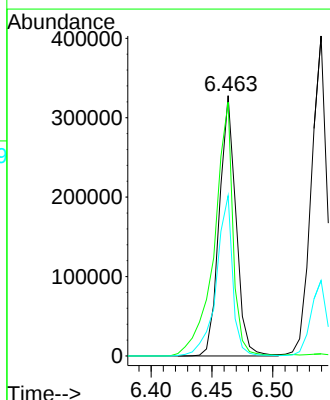
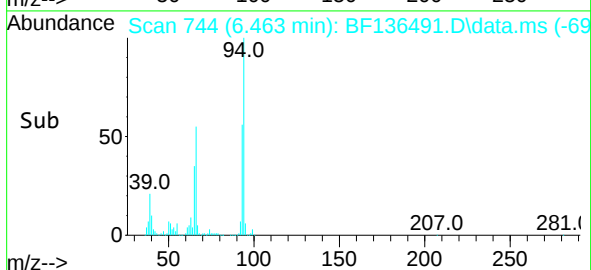
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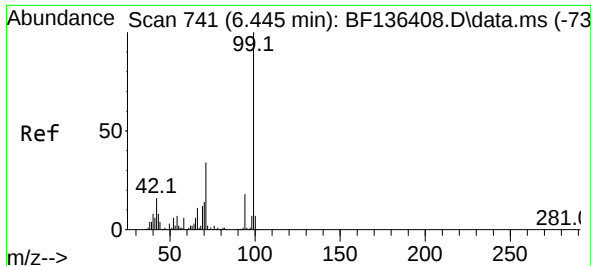


#6
Aniline
Concen: 27.885 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion: 93 Resp: 312187
Ion Ratio Lower Upper
93 100
66 97.5 32.5 48.7#
65 61.5 16.4 24.6#





#7

Phenol-d6

Concen: 114.031 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136491.D

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ClientSampleId :

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Tgt Ion: 99 Resp: 1263209

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

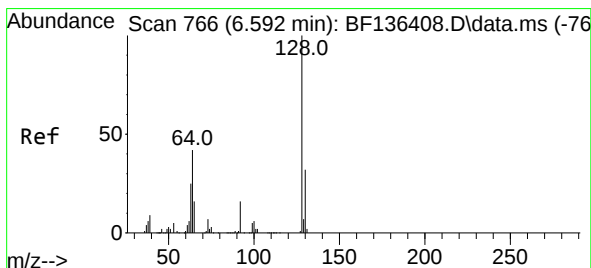
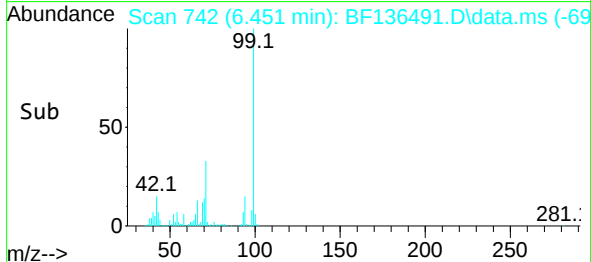
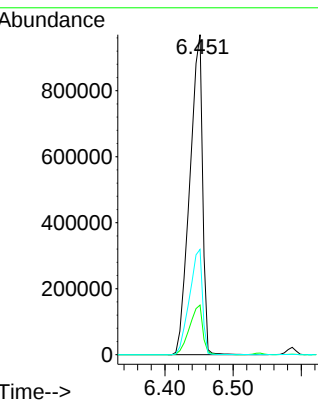
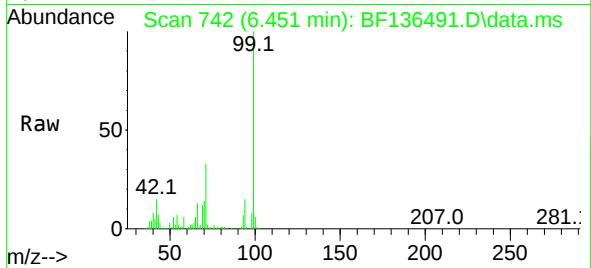
71 32.9 27.0 40.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.160 ng

RT: 6.587 min Scan# 765

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

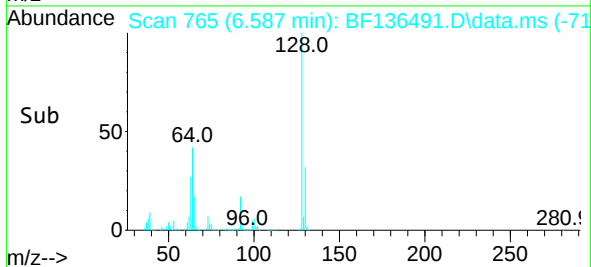
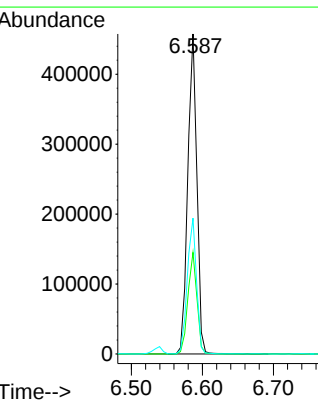
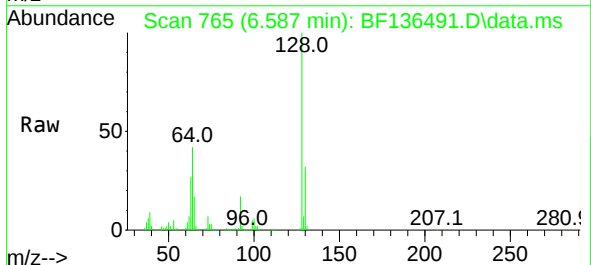
Tgt Ion:128 Resp: 408658

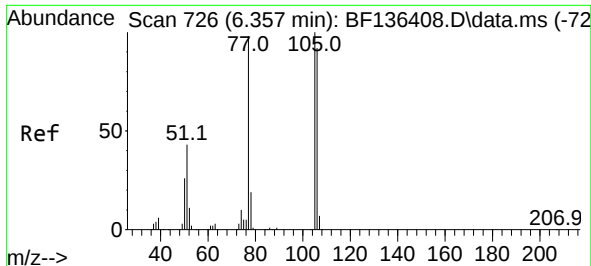
Ion Ratio Lower Upper

128 100

130 31.7 11.7 51.7

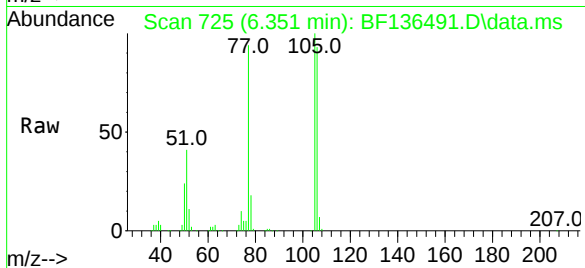
64 42.4 22.5 62.5





#9
Benzaldehyde
Concen: 22.897 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
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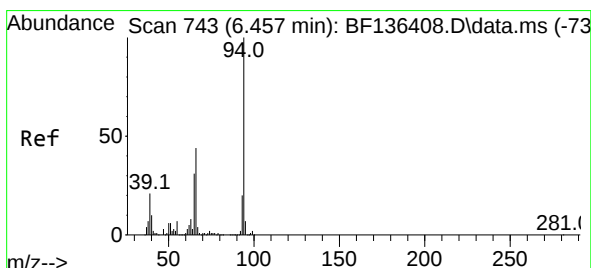
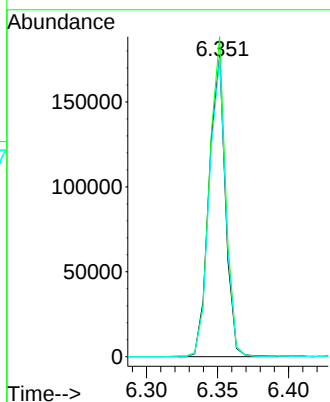
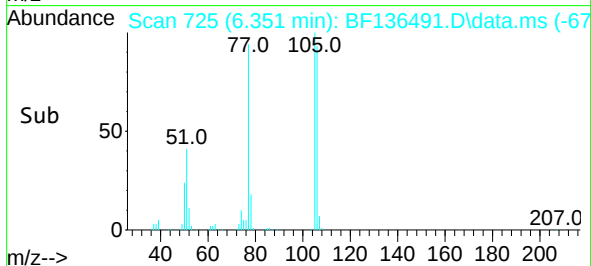
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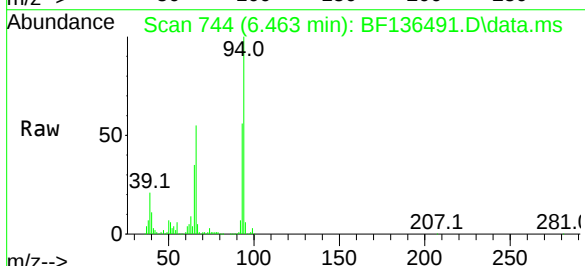
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Ion Ratio Lower Upper
77 100
105 106.3 82.5 122.5
106 99.3 74.5 114.5

Manual Integrations
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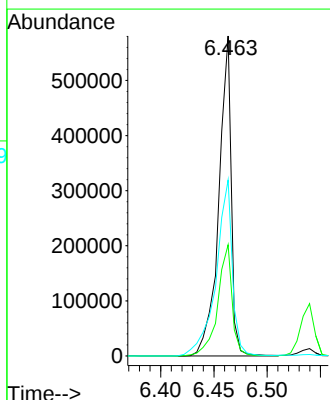
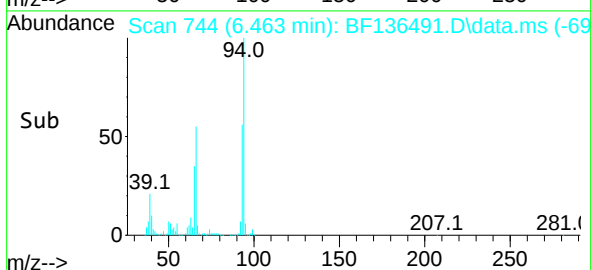
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#10
Phenol
Concen: 39.986 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



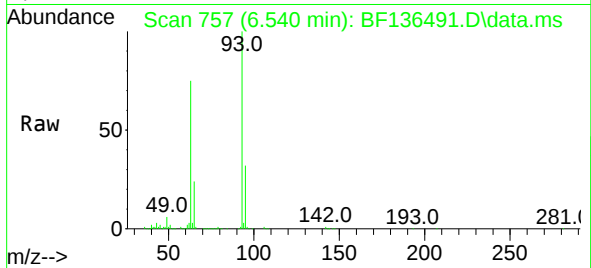
Tgt Ion: 94 Resp: 471343
Ion Ratio Lower Upper
94 100
65 34.7 11.2 51.2
66 55.0 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 40.712 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

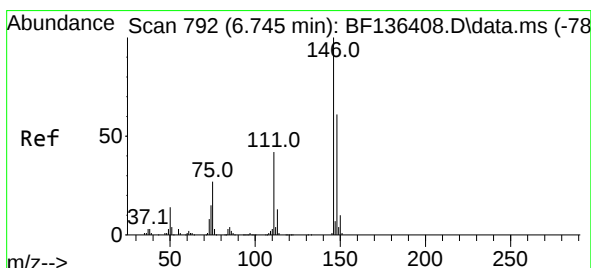
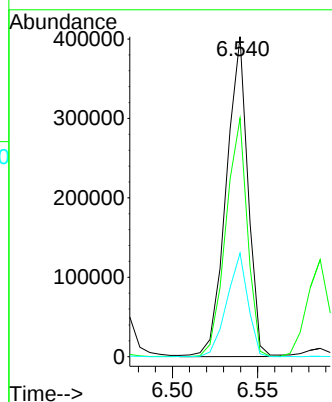
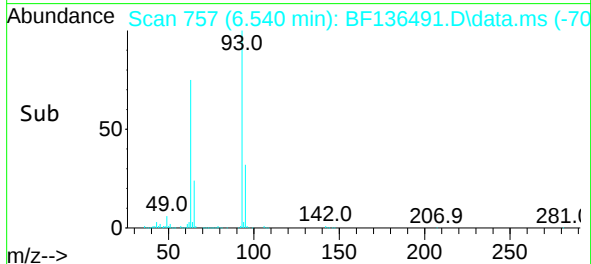
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



Tgt Ion: 93 Resp: 357715
Ion Ratio Lower Upper
93 100
63 74.5 56.8 96.8
95 32.4 11.8 51.8

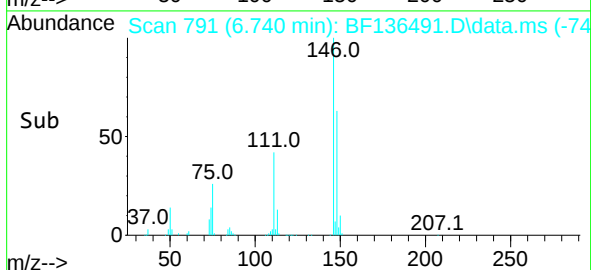
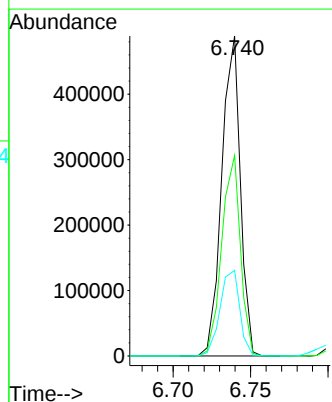
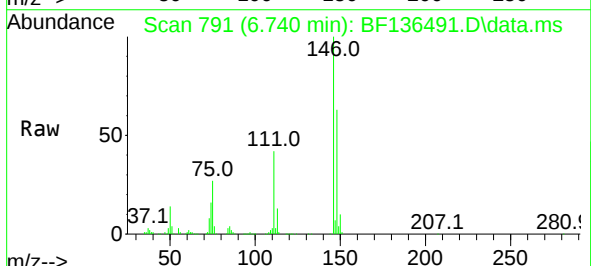
Manual Integrations
APPROVED

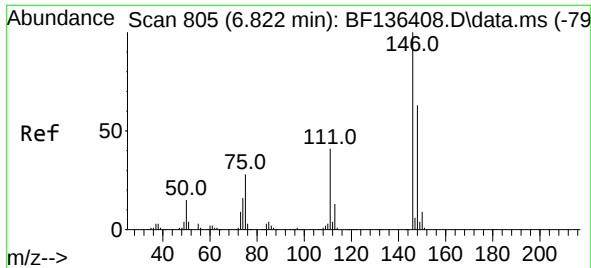
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 37.366 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:146 Resp: 407320
Ion Ratio Lower Upper
146 100
148 62.7 49.0 73.6
75 26.7 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 37.812 ng

RT: 6.816 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

Tgt Ion:146 Resp: 41813

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

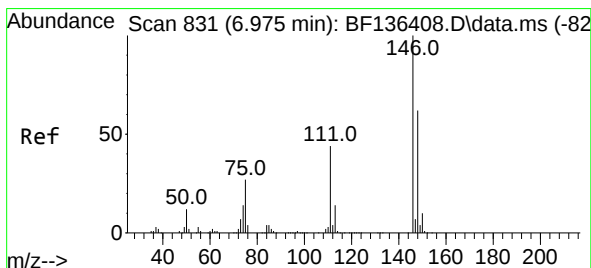
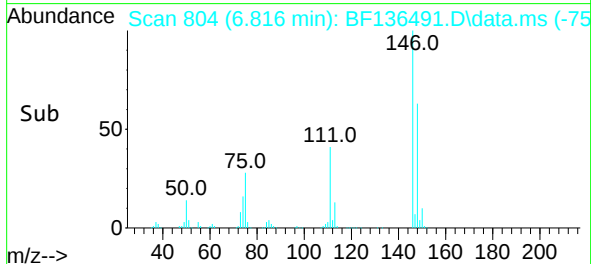
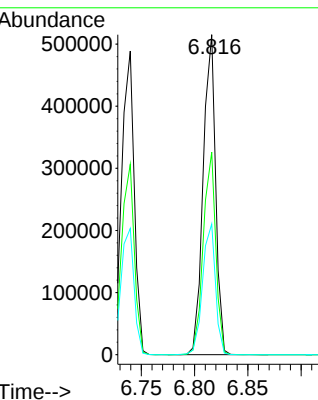
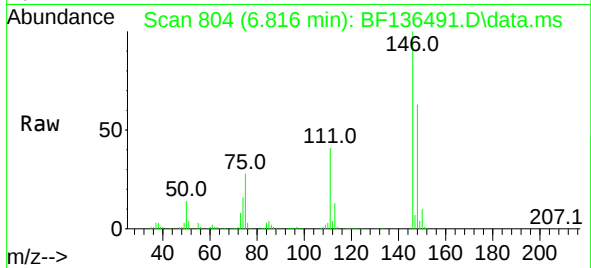
111 40.8 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 38.383 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

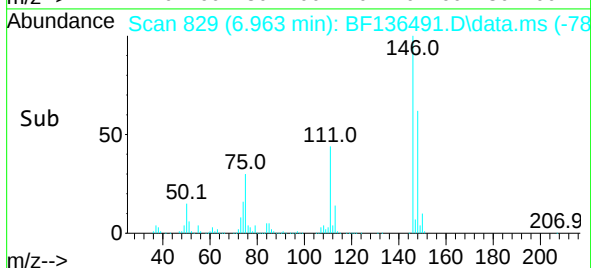
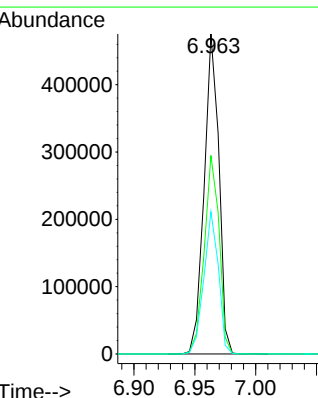
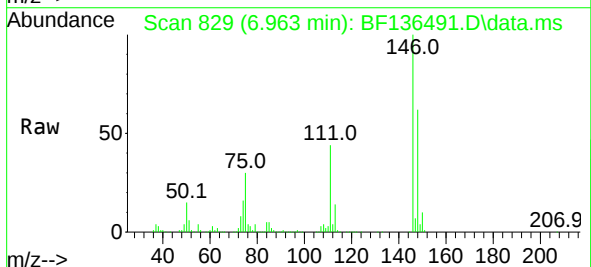
Tgt Ion:146 Resp: 399124

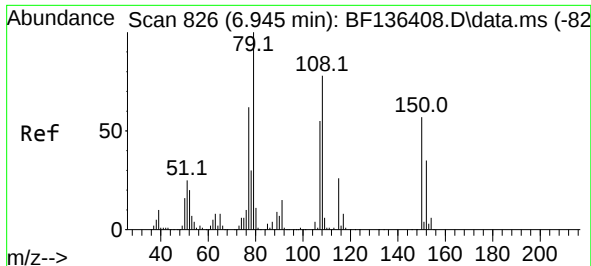
Ion Ratio Lower Upper

146 100

148 62.0 49.8 74.6

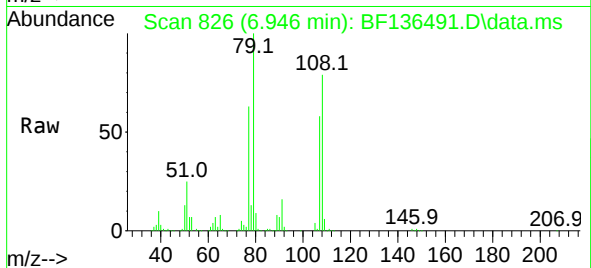
111 44.5 34.9 52.3





#15
Benzyl Alcohol
Concen: 42.267 ng
RT: 6.946 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

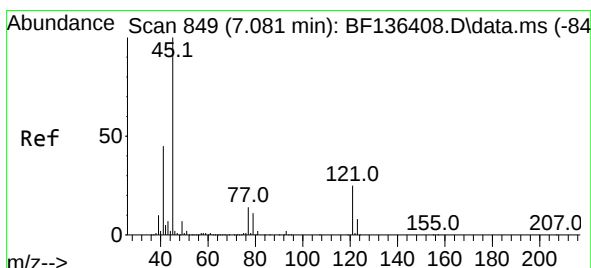
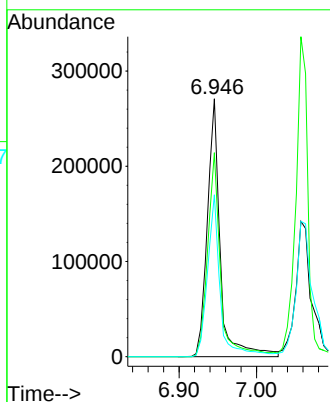
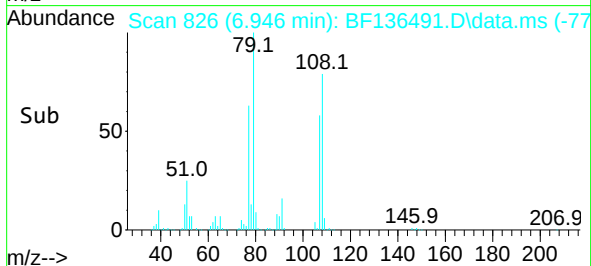
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



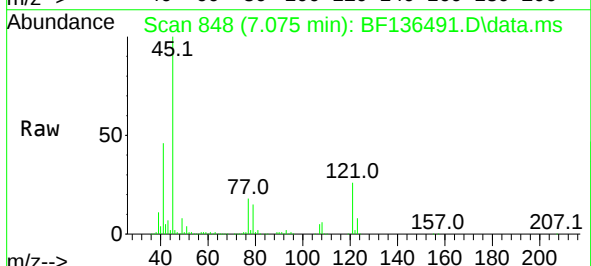
Tgt Ion: 79 Resp: 313539
Ion Ratio Lower Upper
79 100
108 79.1 62.3 93.5
77 62.8 49.8 74.8

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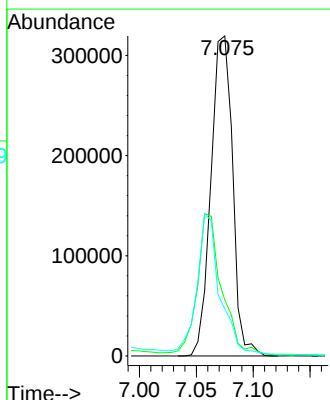
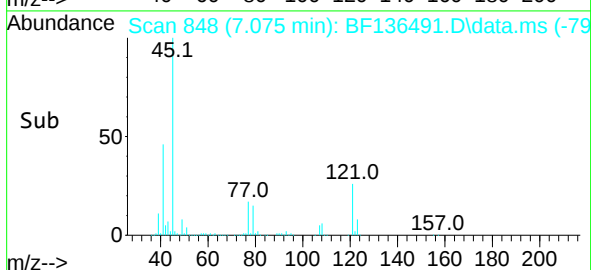
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

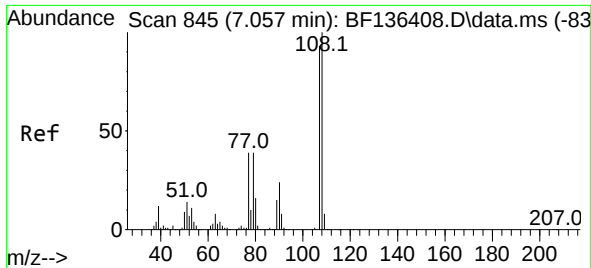


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.560 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



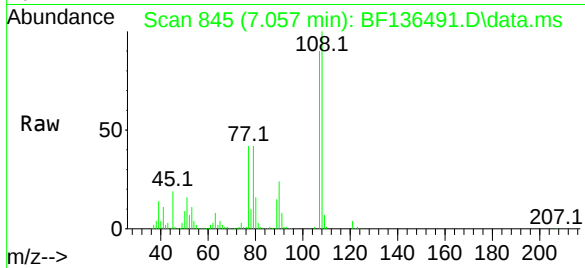
Tgt Ion: 45 Resp: 424448
Ion Ratio Lower Upper
45 100
77 17.5 0.0 35.3
79 14.7 0.0 32.5





#17
2-Methylphenol
Concen: 42.547 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

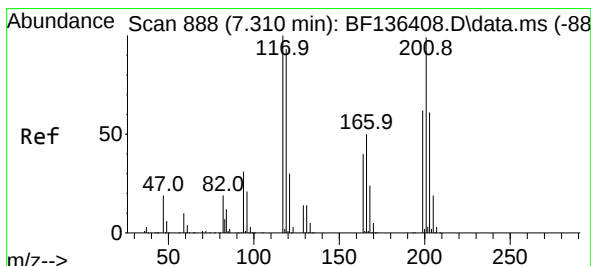
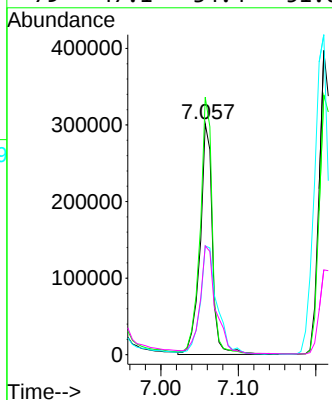
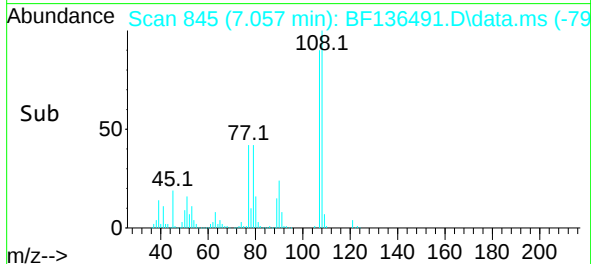
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



Tgt Ion:	107	Resp:	33319
Ion Ratio	Lower	Upper	
107	100		
108	111.5	86.5	129.7
77	47.1	33.8	50.8
79	47.1	34.4	51.6

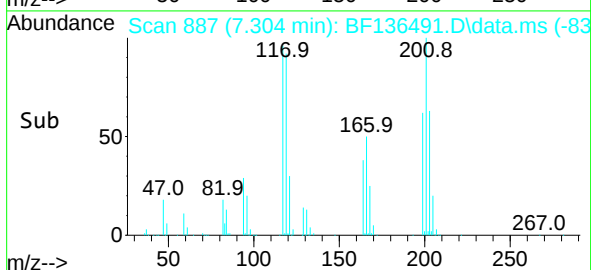
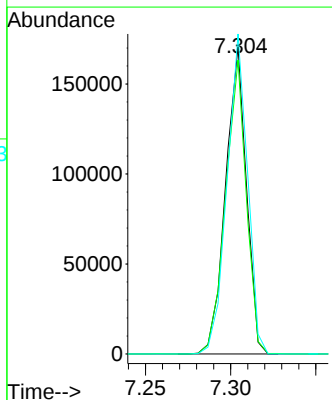
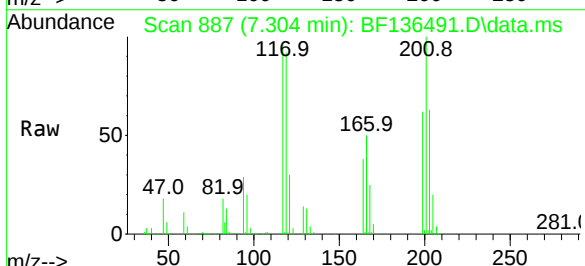
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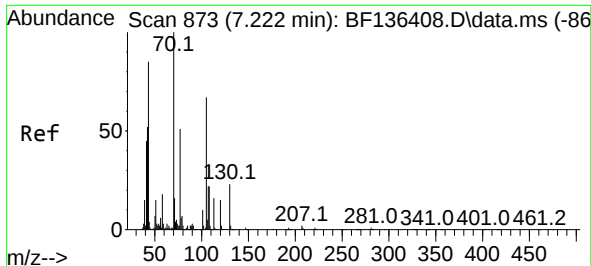
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 37.603 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

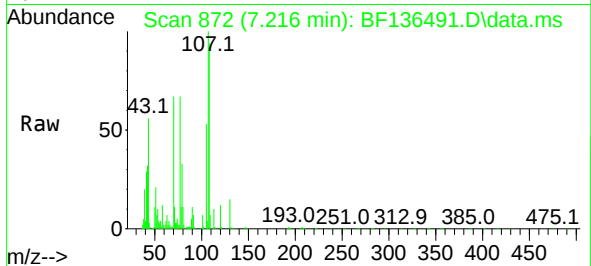
Tgt Ion:	117	Resp:	145173
Ion Ratio	Lower	Upper	
117	100		
119	95.7	74.3	111.5
201	104.2	79.3	118.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.693 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

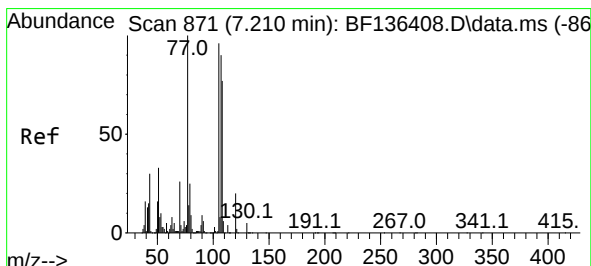
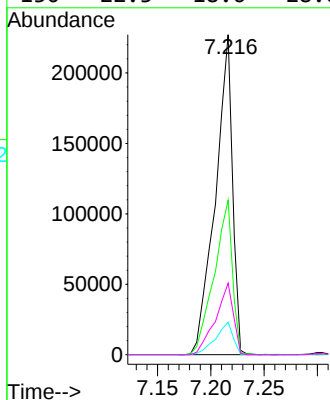
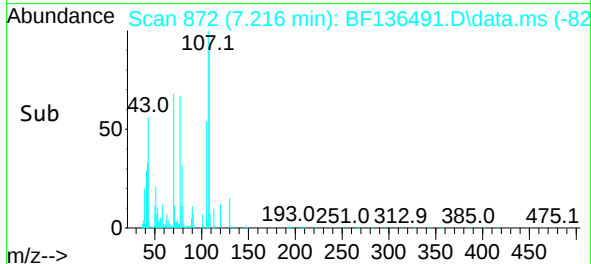
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



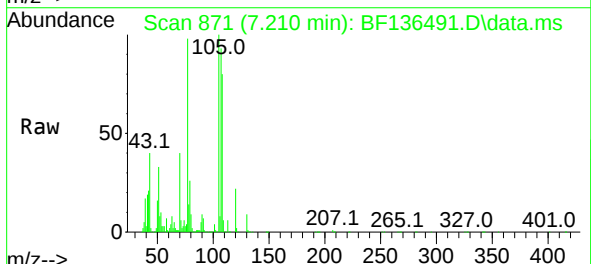
Tgt Ion: 70 Resp: 25365
Ion Ratio Lower Upper
70 100
42 48.2 41.4 62.0
101 10.2 8.2 12.4
130 22.3 18.6 28.0

Manual Integrations
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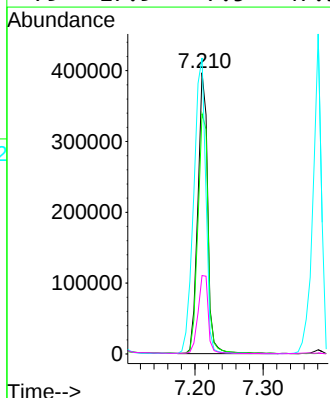
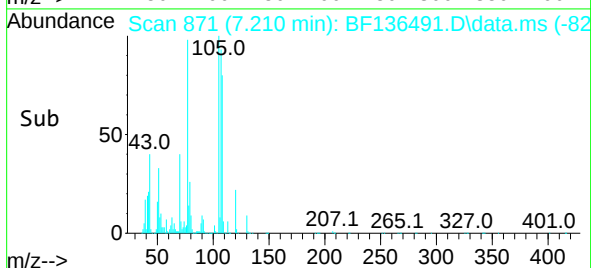
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

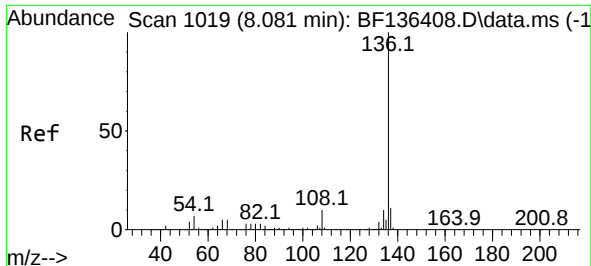


#20
3+4-Methylphenols
Concen: 40.938 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion:107 Resp: 397921
Ion Ratio Lower Upper
107 100
108 85.4 65.9 105.9
77 105.2 91.7 131.7
79 27.9 7.5 47.5





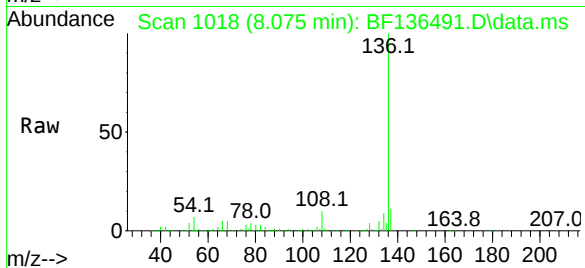
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

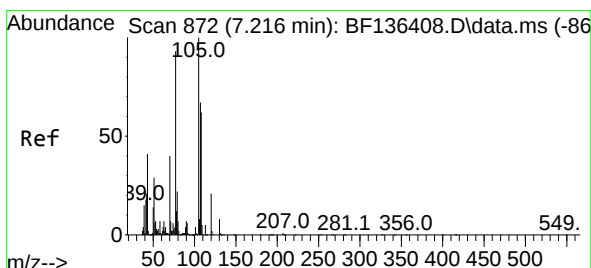
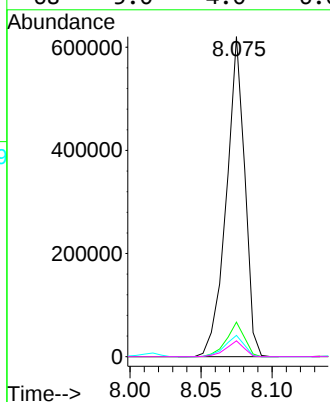
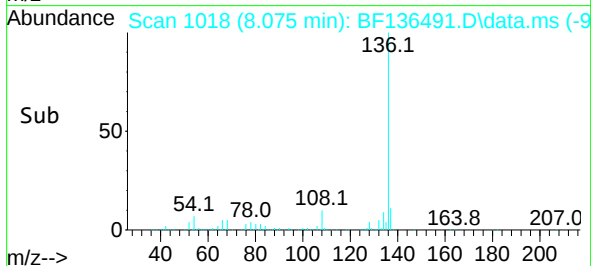


Tgt Ion:136 Resp: 55860
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.7 5.7 8.5
68 5.0 4.0 6.0

Manual Integrations

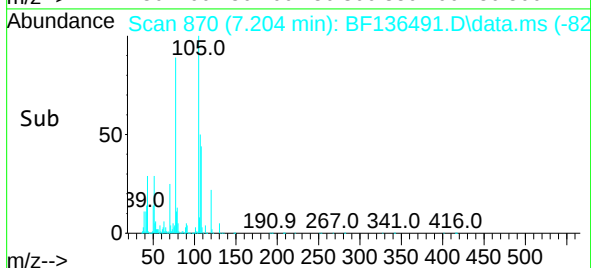
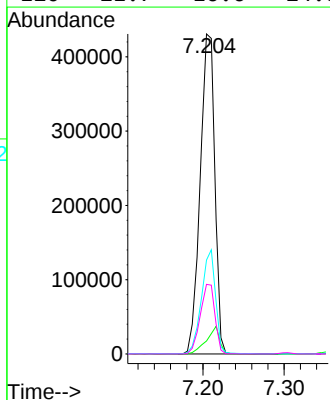
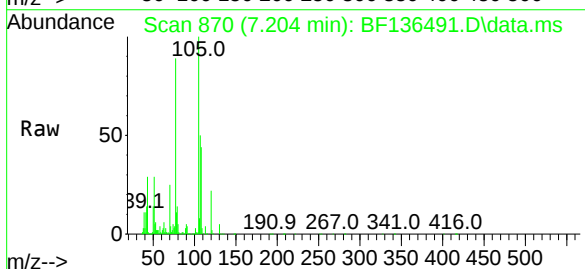
APPROVED

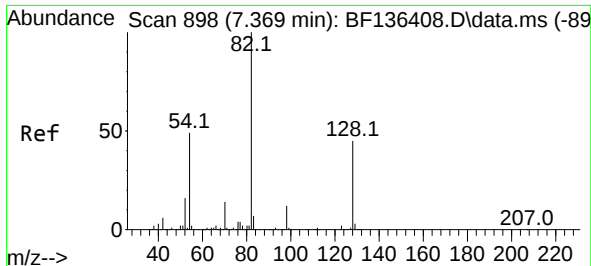
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 39.082 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

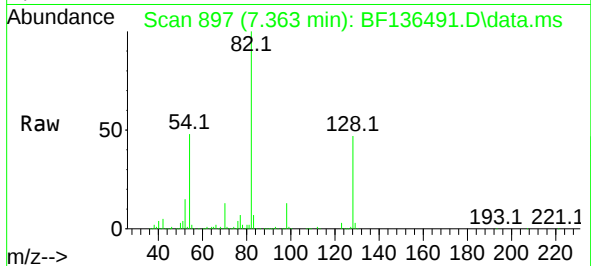
Tgt Ion:105 Resp: 539099
Ion Ratio Lower Upper
105 100
71 4.0 5.4 8.0#
51 29.4 23.4 35.2
120 21.7 16.6 24.8





#23
Nitrobenzene-d5
Concen: 73.228 ng
RT: 7.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

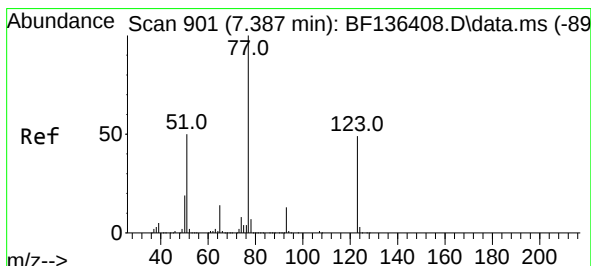
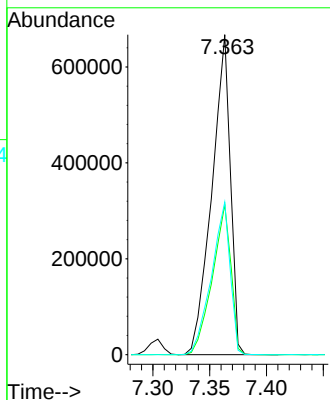
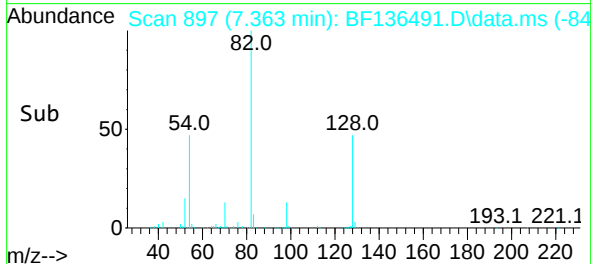
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



Tgt Ion: 82 Resp: 75665
Ion Ratio Lower Upper
82 100
128 46.9 36.3 54.5
54 47.7 39.0 58.6

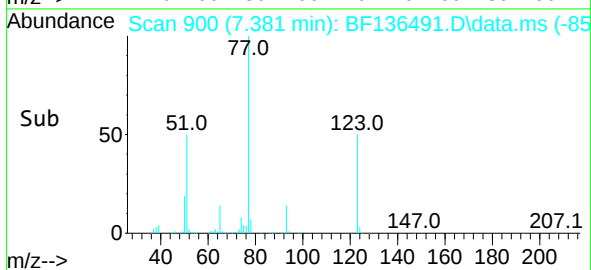
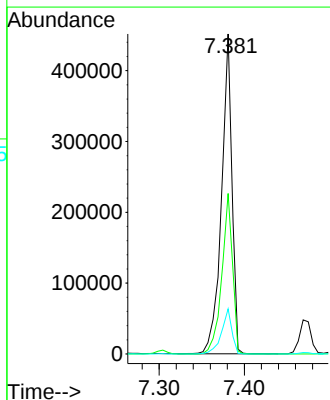
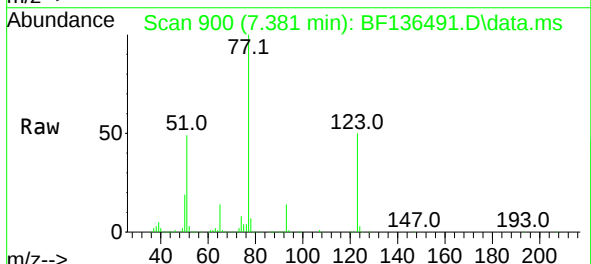
Manual Integrations
APPROVED

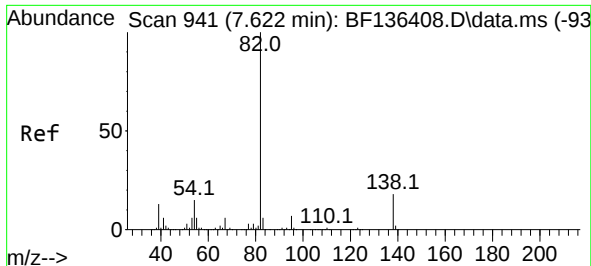
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#24
Nitrobenzene
Concen: 37.097 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

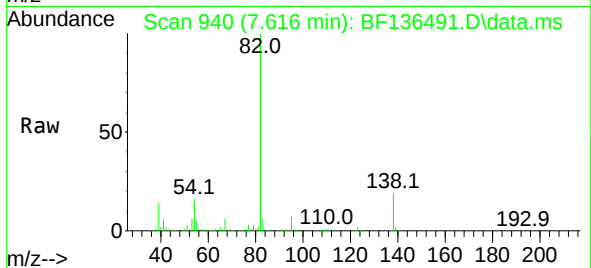
Tgt Ion: 77 Resp: 385613
Ion Ratio Lower Upper
77 100
123 50.2 39.0 58.6
65 14.1 11.3 16.9





#25
Isophorone
Concen: 38.761 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

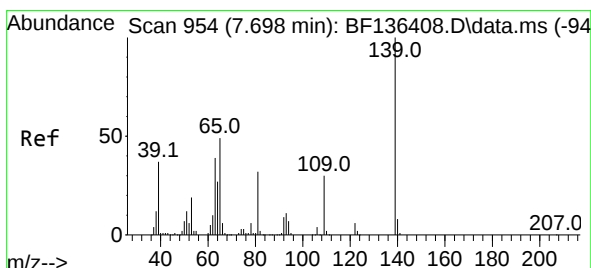
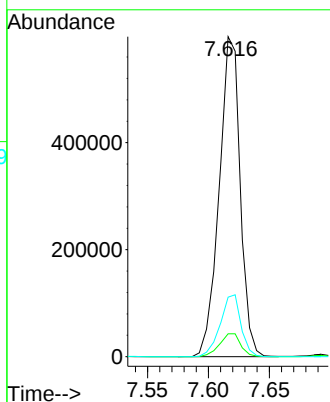
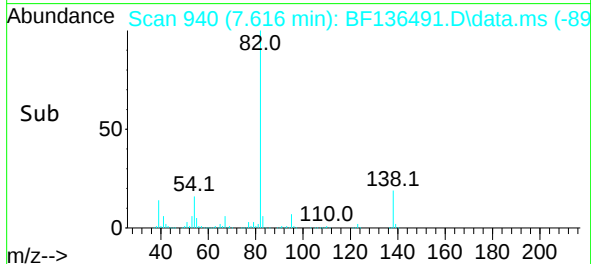
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



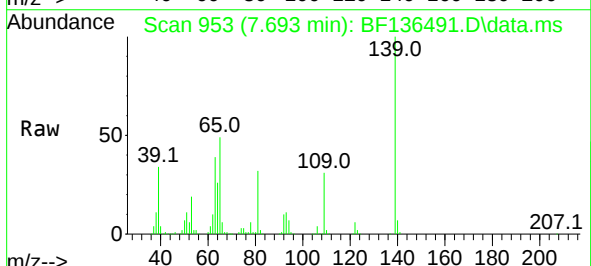
Tgt Ion: 82 Resp: 71956
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.6 14.5 21.7

Manual Integrations
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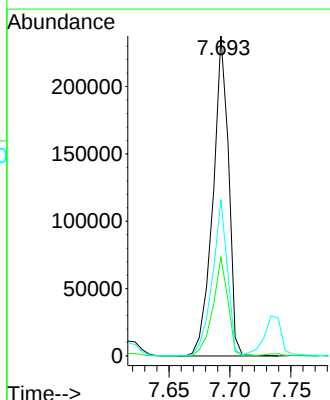
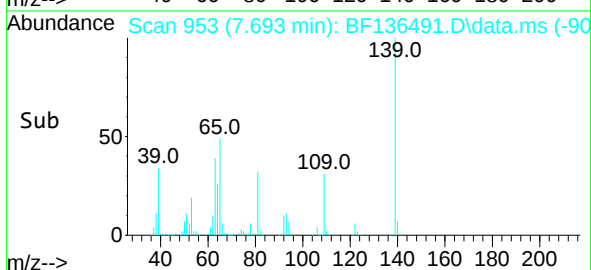
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

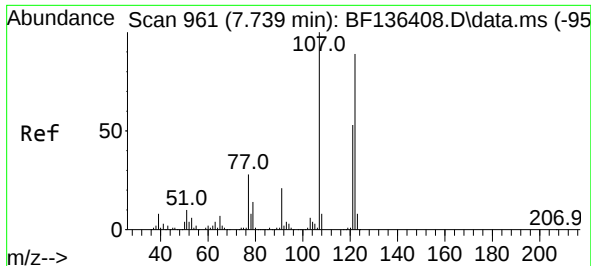


#26
2-Nitrophenol
Concen: 41.582 ng
RT: 7.693 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion:139 Resp: 212494
Ion Ratio Lower Upper
139 100
109 30.8 23.6 35.4
65 48.9 39.4 59.2





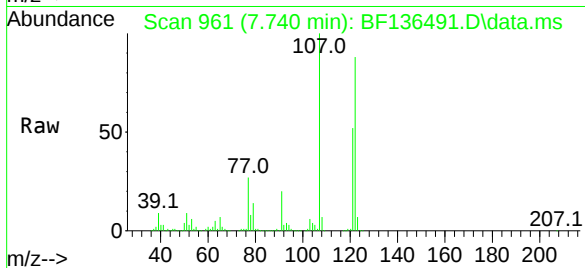
#27
2,4-Dimethylphenol
Concen: 52.096 ng
RT: 7.740 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD



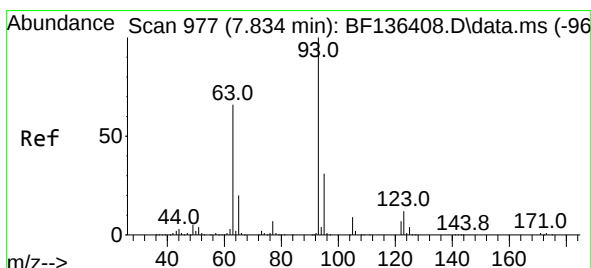
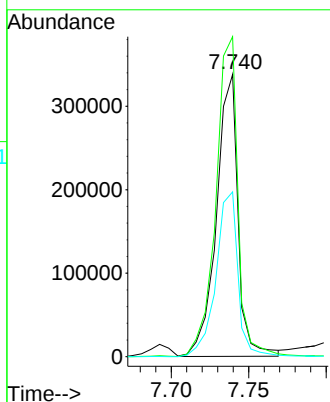
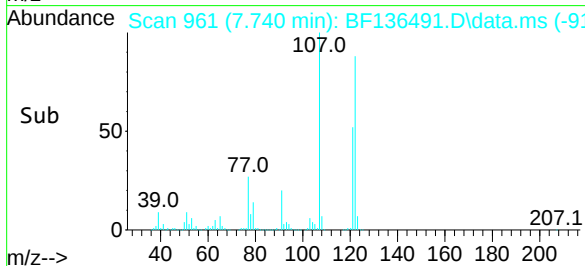
Tgt Ion:122 Resp: 32826
Ion Ratio Lower Upper
122 100
107 113.4 89.3 133.9
121 58.4 47.6 71.4

Manual Integrations

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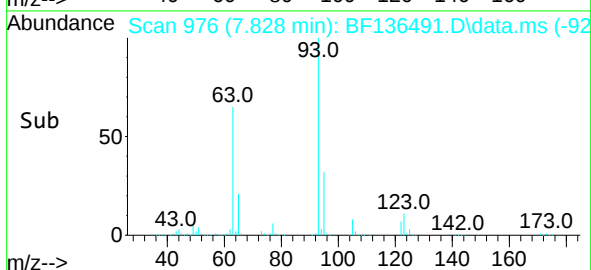
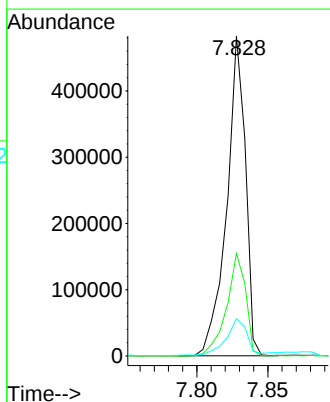
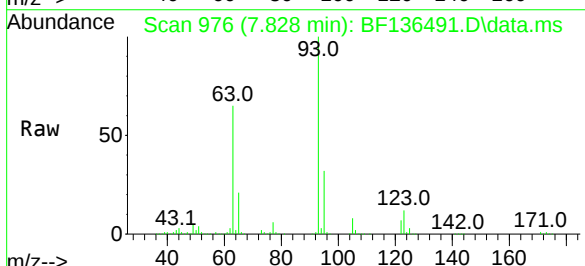
Reviewed By :Yogesh Patel 12/14/2023

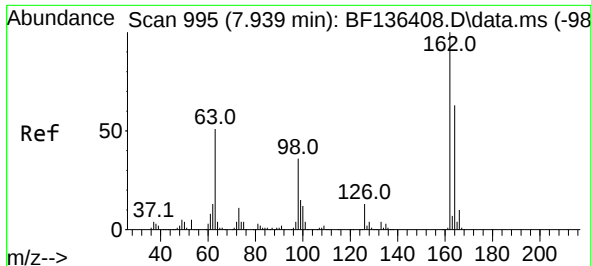
Supervised By :mohammad ahmed 12/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.788 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion: 93 Resp: 442470
Ion Ratio Lower Upper
93 100
95 32.1 25.0 37.4
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.259 ng

RT: 7.940 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

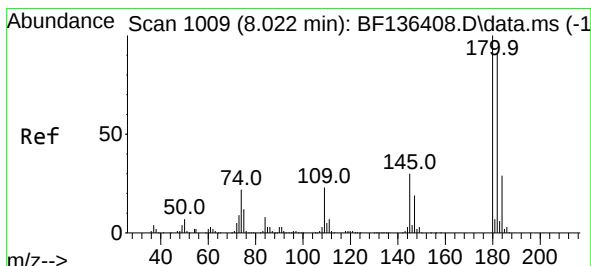
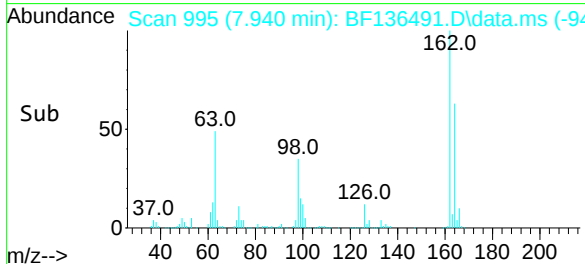
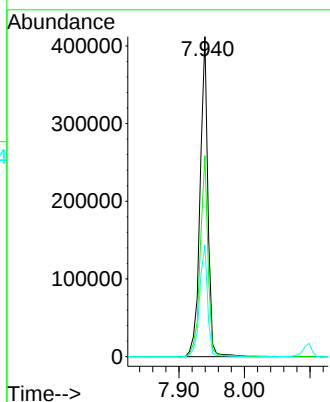
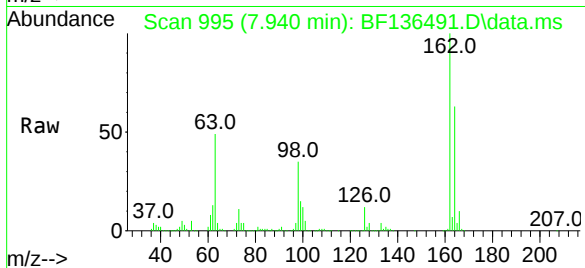
ClientSampleId :

PB157390BSD

Tgt Ion:162 Resp: 34316
 Ion Ratio Lower Upper
 162 100
 164 62.8 43.0 83.0
 98 35.0 16.2 56.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.067 ng

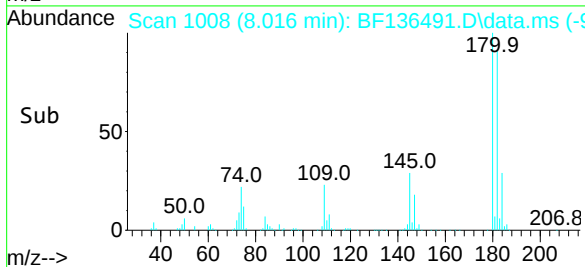
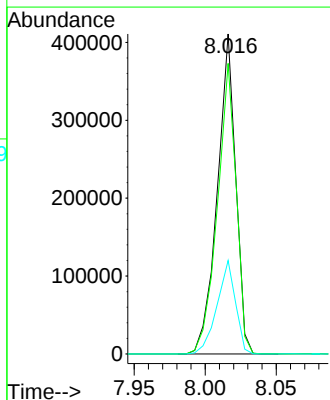
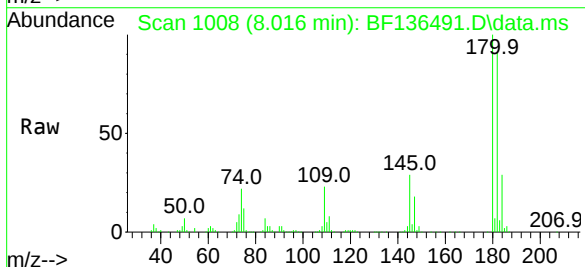
RT: 8.016 min Scan# 1008

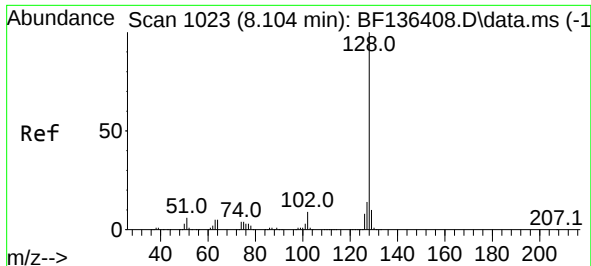
Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

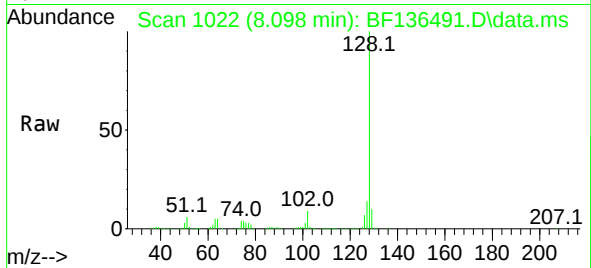
Tgt Ion:180 Resp: 369191
 Ion Ratio Lower Upper
 180 100
 182 90.8 73.1 109.7
 145 29.2 23.8 35.8





#31
Naphthalene
Concen: 37.772 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

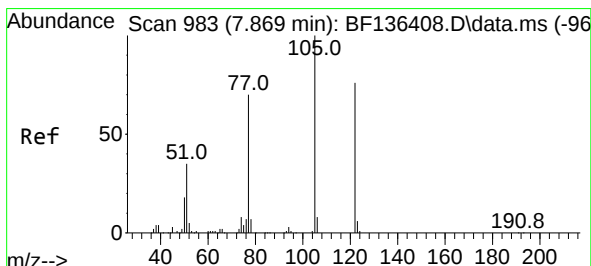
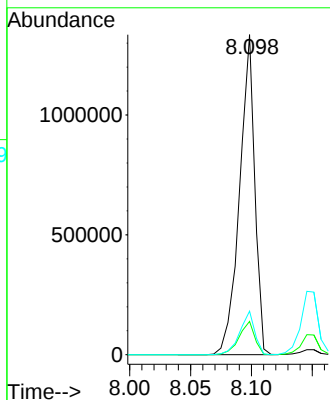
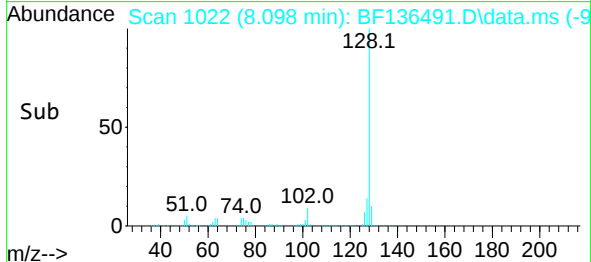
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



Tgt Ion:128 Resp: 1163560
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.6 11.1 16.7

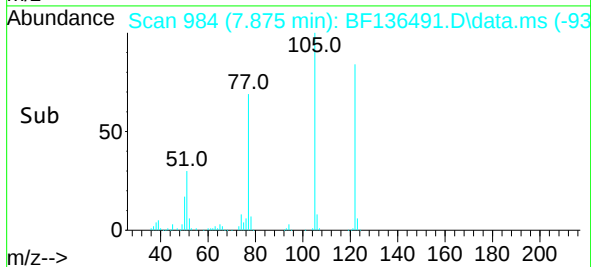
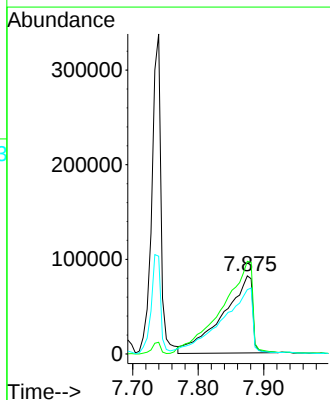
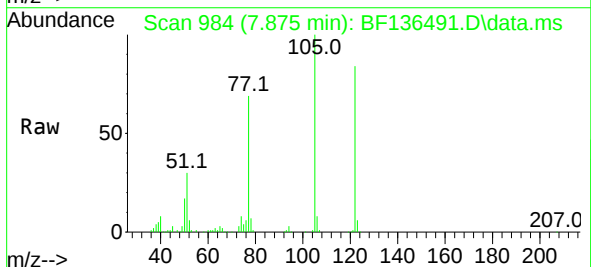
Manual Integrations
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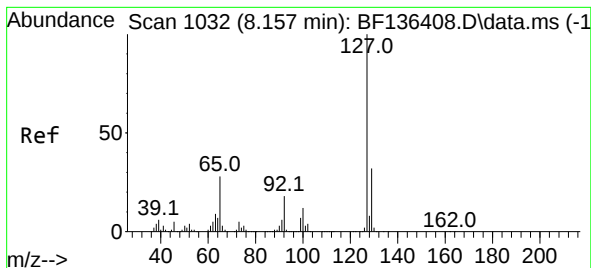
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 41.159 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:122 Resp: 257282
Ion Ratio Lower Upper
122 100
105 118.7 104.7 144.7
77 82.4 68.5 108.5





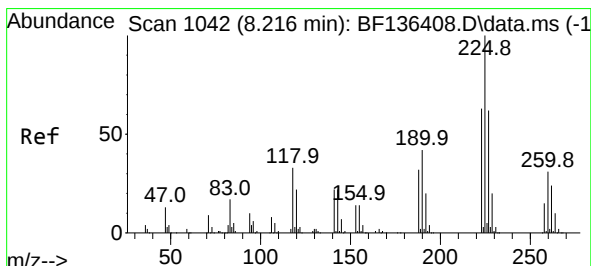
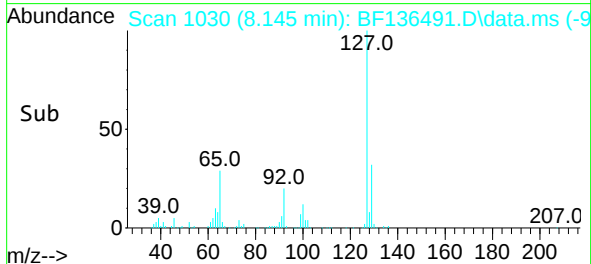
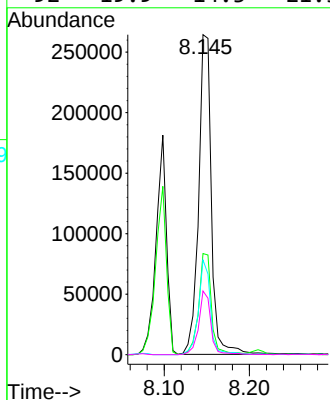
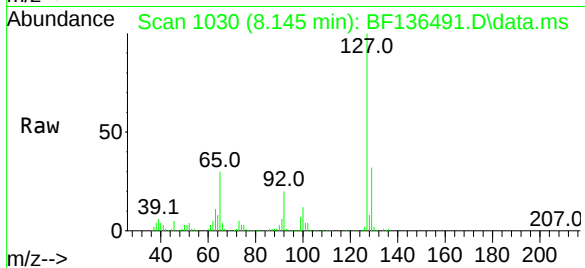
#33
4-Chloroaniline
Concen: 25.154 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :
BNA_F
ClientSampleId :
PB157390BSD

Tgt Ion:127 Resp: 27624
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2
65 29.6 22.5 33.7
92 19.9 14.3 21.5

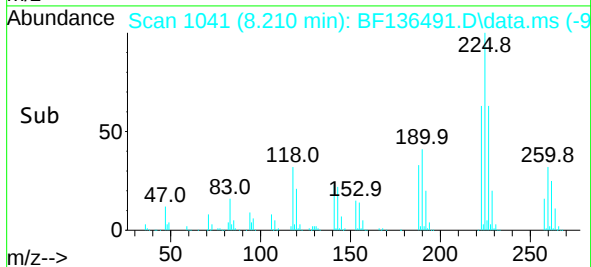
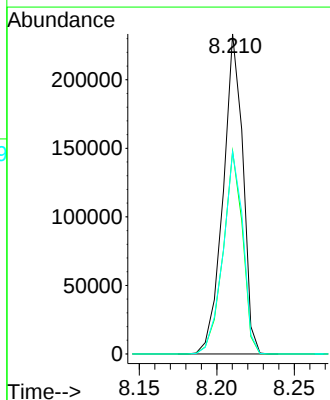
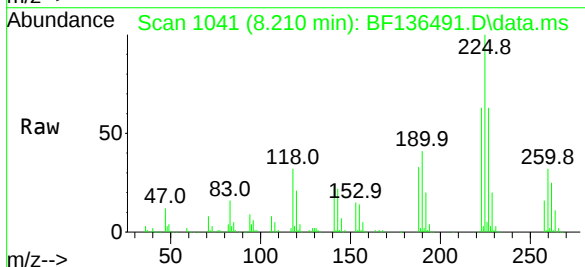
Manual Integrations
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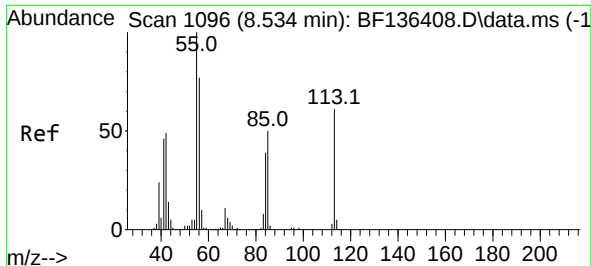
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 35.933 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

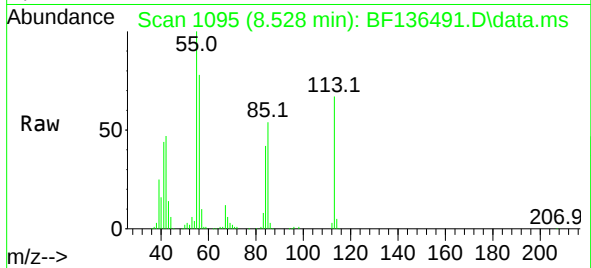
Tgt Ion:225 Resp: 206535
Ion Ratio Lower Upper
225 100
223 63.4 50.8 76.2
227 63.2 49.8 74.8





#35
Caprolactam
Concen: 42.734 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

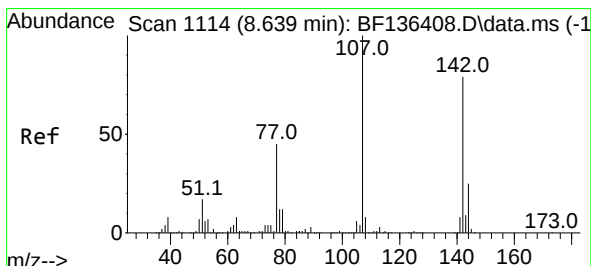
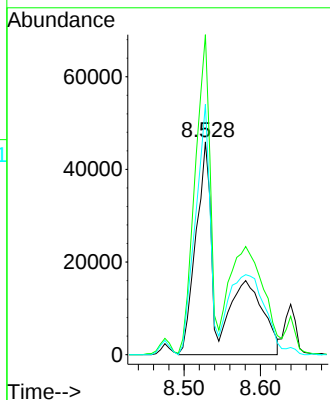
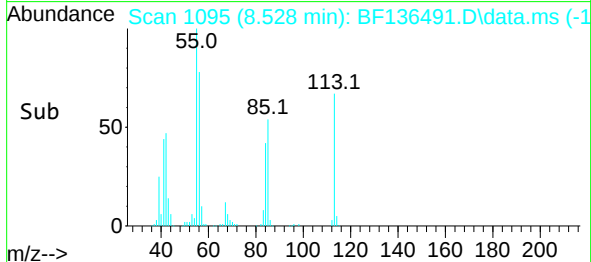
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



Tgt Ion:113 Resp: 109454
Ion Ratio Lower Upper
113 100
55 150.4 143.7 183.7
56 117.7 105.2 145.2

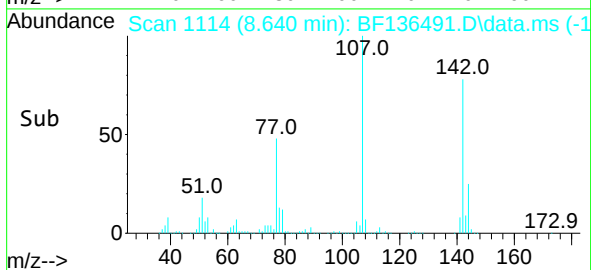
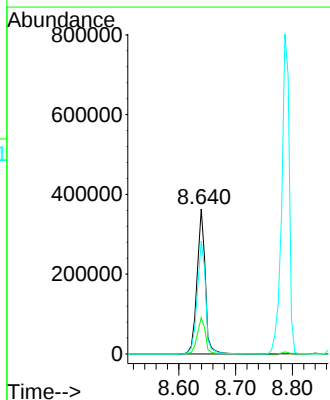
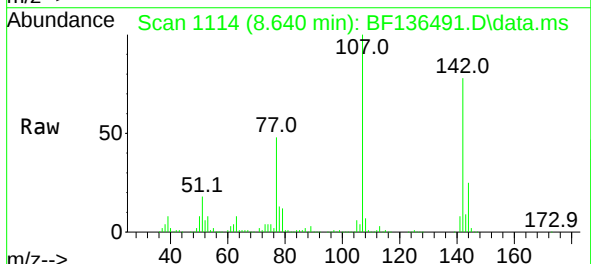
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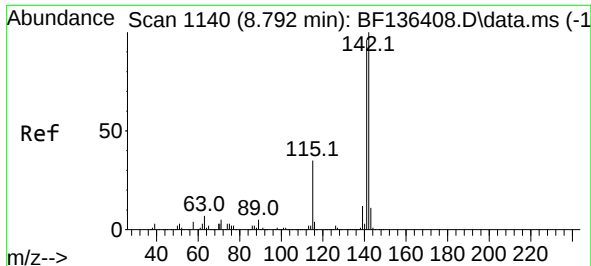
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 41.434 ng
RT: 8.640 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:107 Resp: 365909
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 77.8 63.1 94.7





#37

2-Methylnaphthalene

Concen: 38.305 ng

RT: 8.787 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

Tgt Ion:142 Resp: 750670

Ion Ratio Lower Upper

142 100

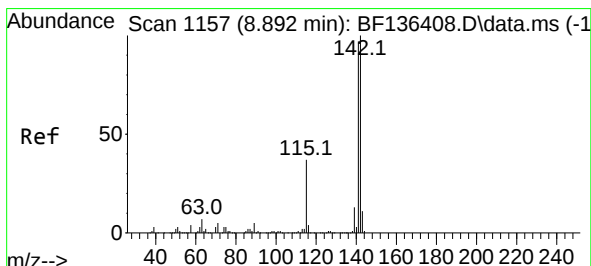
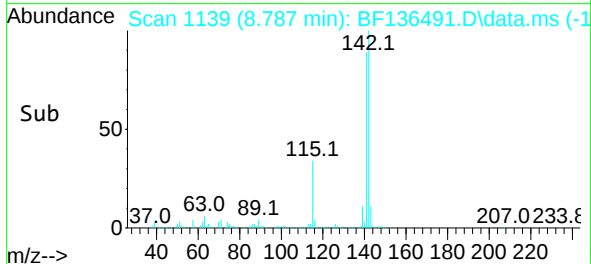
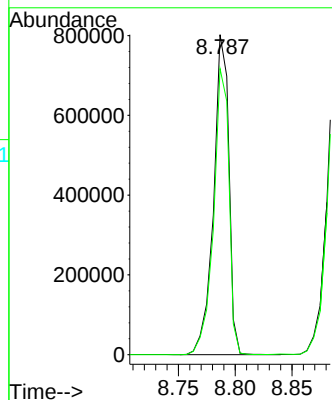
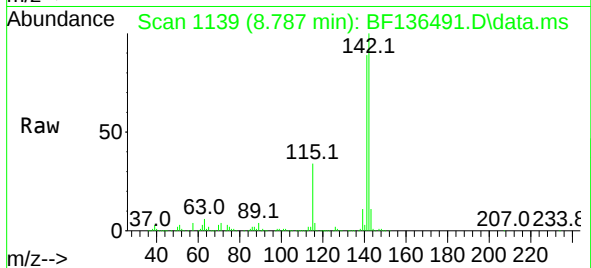
141 89.4 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#38

1-Methylnaphthalene

Concen: 37.054 ng

RT: 8.887 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136491.D

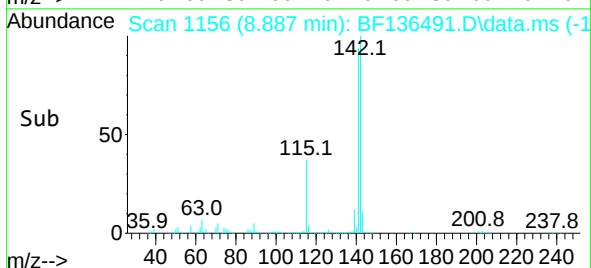
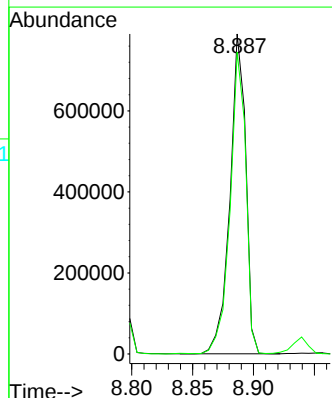
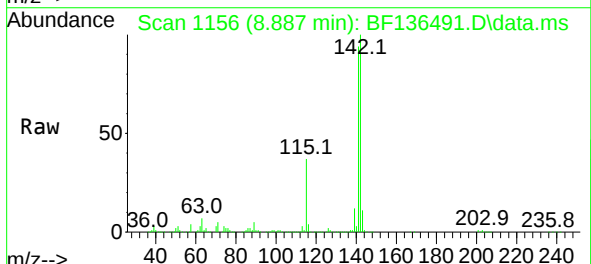
Acq: 11 Dec 2023 15:31

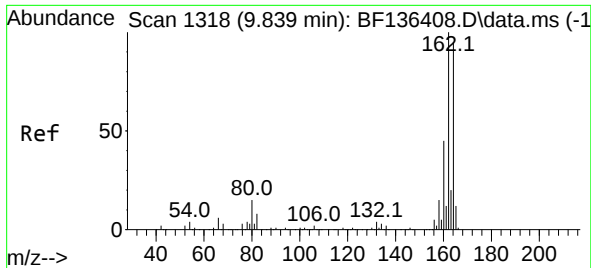
Tgt Ion:142 Resp: 712569

Ion Ratio Lower Upper

142 100

141 94.3 77.7 116.5





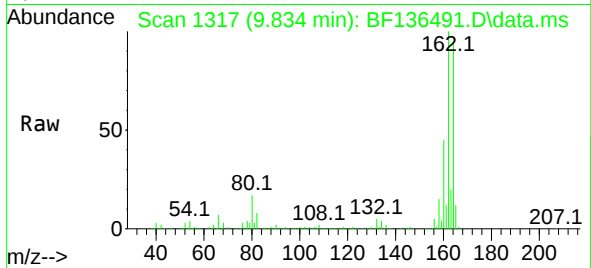
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD



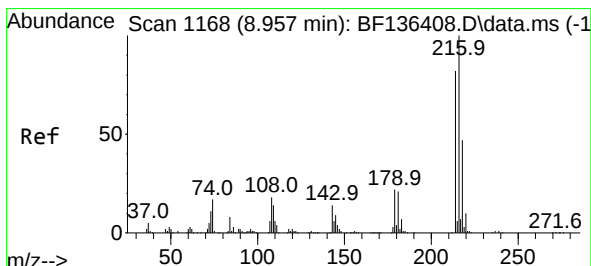
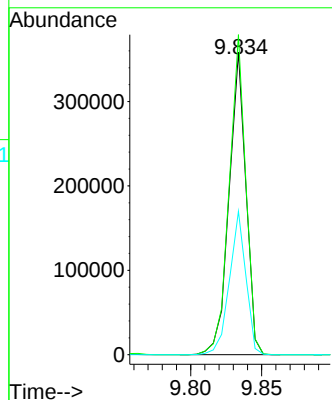
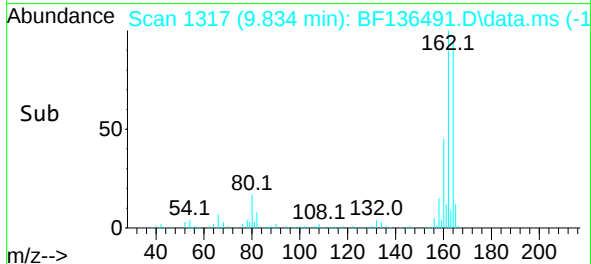
Tgt Ion:164 Resp: 296819
Ion Ratio Lower Upper
164 100
162 105.8 84.4 126.6
160 47.4 37.6 56.4

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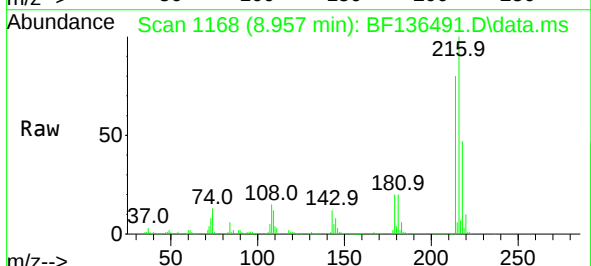
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

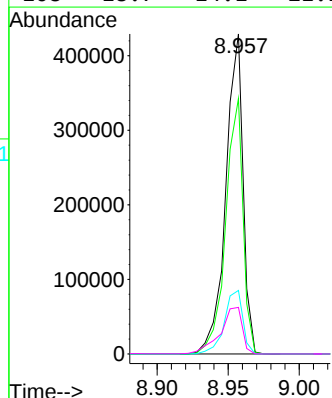
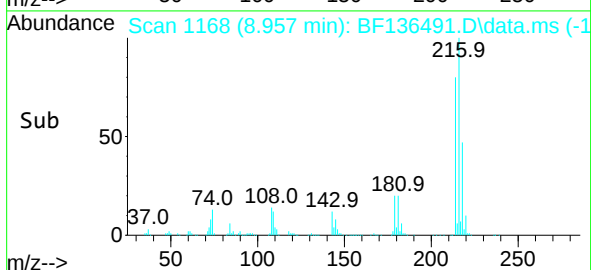
Supervised By :mohammad ahmed 12/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.289 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



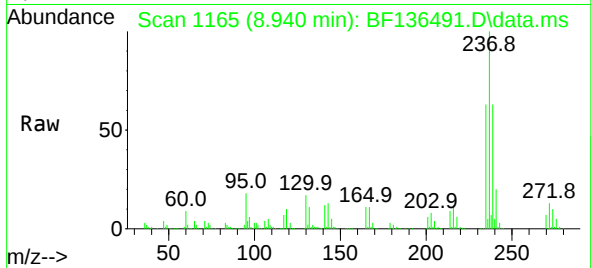
Tgt Ion:216 Resp: 362814
Ion Ratio Lower Upper
216 100
214 80.1 64.1 96.1
179 21.2 17.0 25.6
108 18.7 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 92.339 ng
RT: 8.940 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

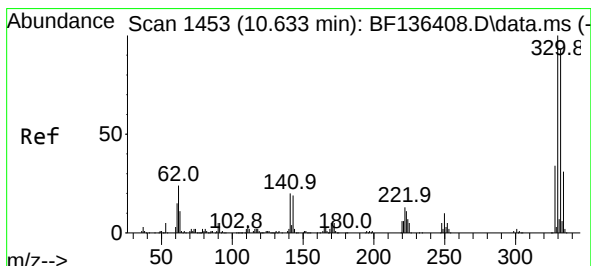
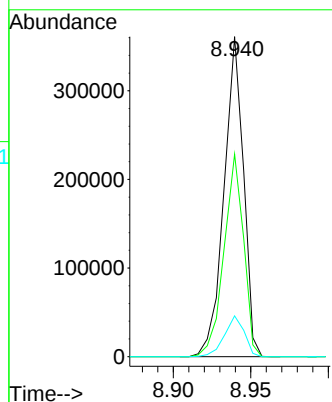
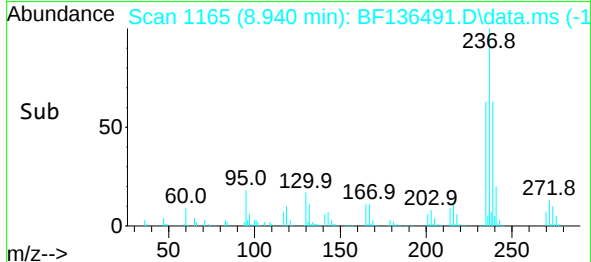
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



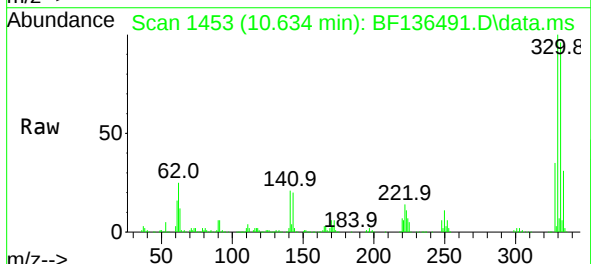
Tgt Ion:237 Resp: 315904
Ion Ratio Lower Upper
237 100
235 63.3 44.1 84.1
272 12.7 0.0 33.3

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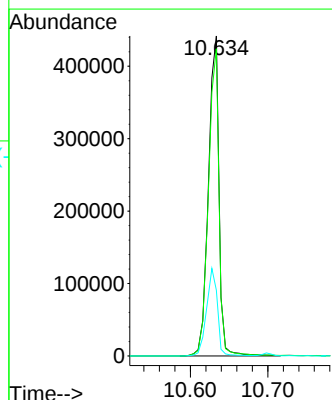
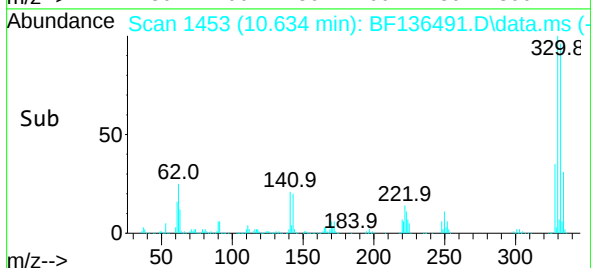
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

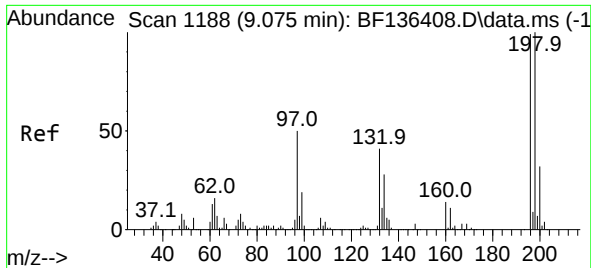


#42
2,4,6-Tribromophenol
Concen: 114.956 ng
RT: 10.634 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



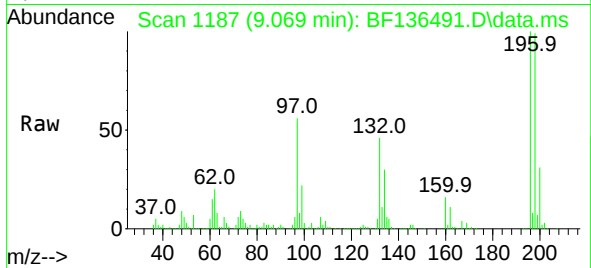
Tgt Ion:330 Resp: 420715
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 27.9 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.817 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

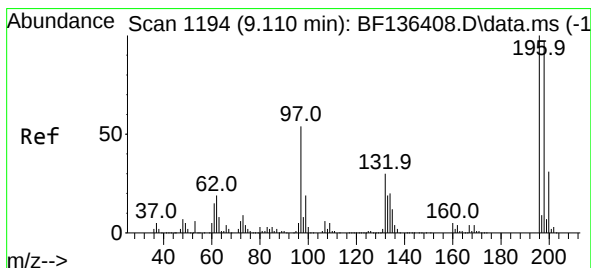
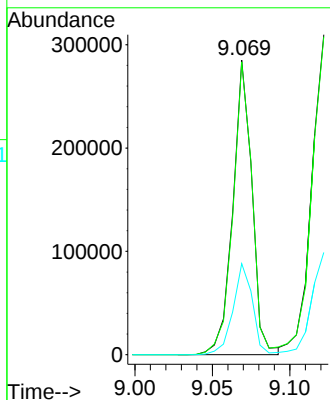
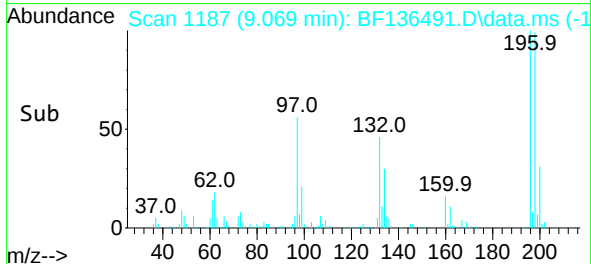
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



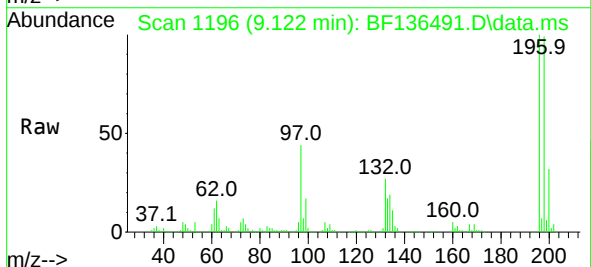
Tgt Ion:196 Resp: 245420
Ion Ratio Lower Upper
196 100
198 99.4 80.4 120.6
200 30.9 25.9 38.9

Manual Integrations
APPROVED

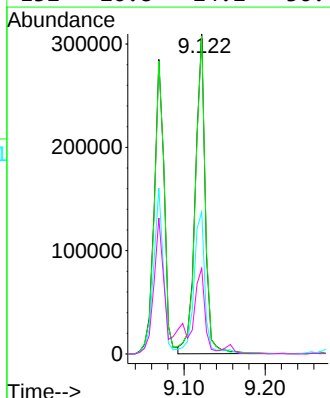
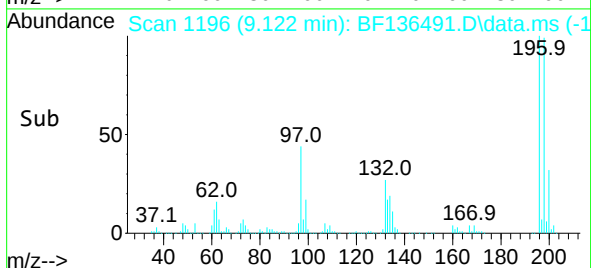
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

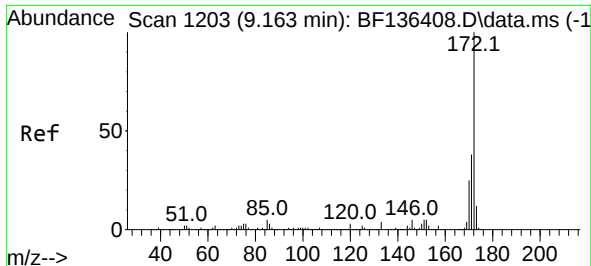


#44
2,4,5-Trichlorophenol
Concen: 39.606 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion:196 Resp: 265791
Ion Ratio Lower Upper
196 100
198 99.4 78.1 117.1
97 44.4 43.4 65.2
132 26.8 24.2 36.4





#45
2-Fluorobiphenyl
Concen: 71.400 ng
RT: 9.157 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

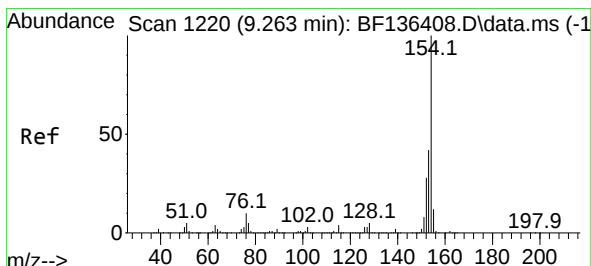
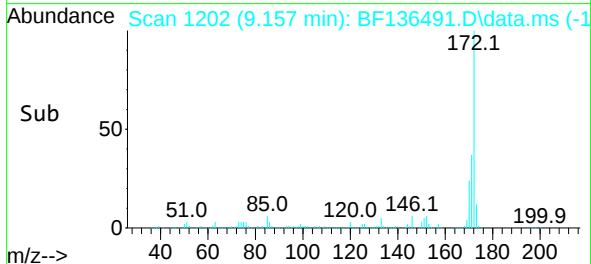
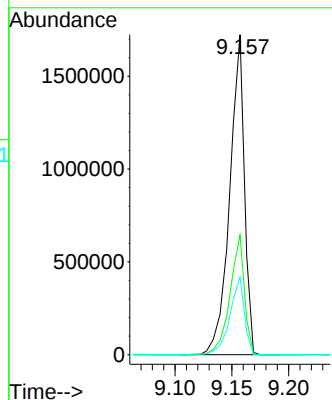
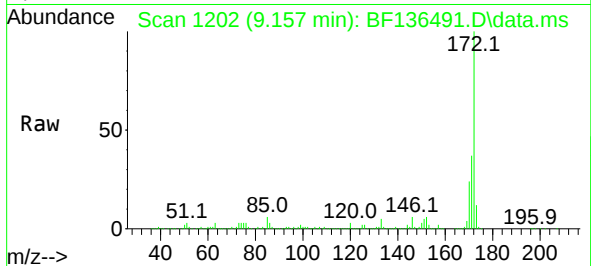
ClientSampleId :

PB157390BSD

Tgt Ion:172 Resp: 155315
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.3 19.9 29.9

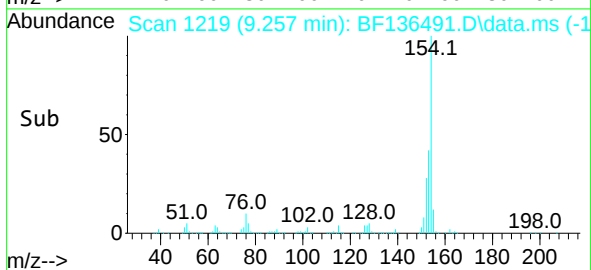
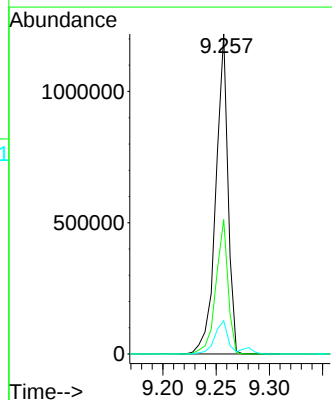
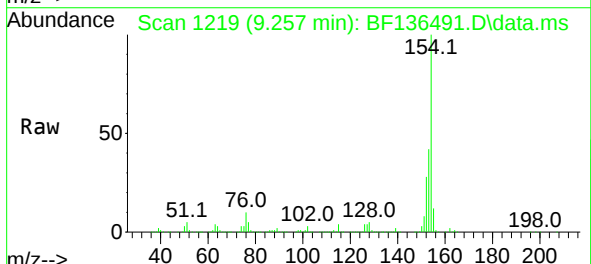
Manual Integrations
APPROVED

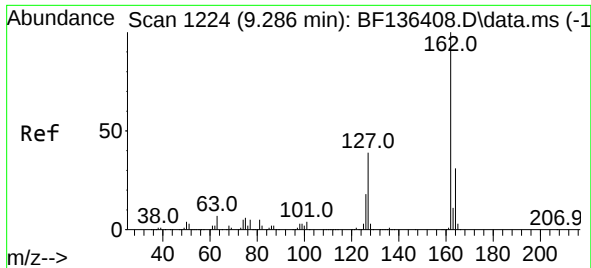
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#46
1,1'-Biphenyl
Concen: 38.139 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:154 Resp: 963255
Ion Ratio Lower Upper
154 100
153 42.0 22.5 62.5
76 10.4 0.0 29.9





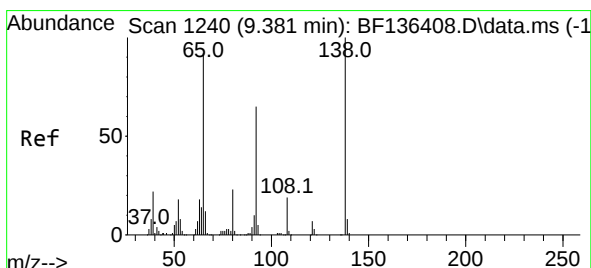
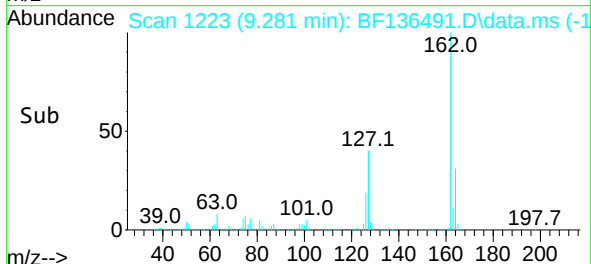
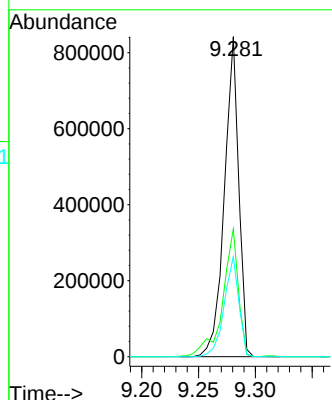
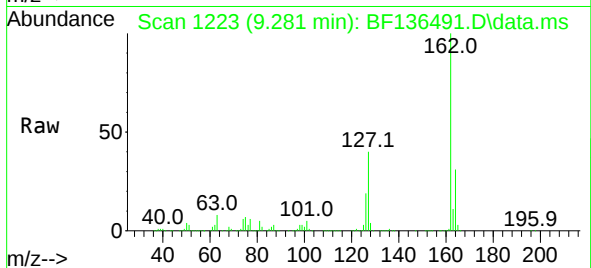
#47
2-Chloronaphthalene
Concen: 37.708 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :
BNA_F
ClientSampleId :
PB157390BSD

Tgt Ion:162 Resp: 741235
Ion Ratio Lower Upper
162 100
127 39.9 31.1 46.7
164 31.3 24.6 37.0

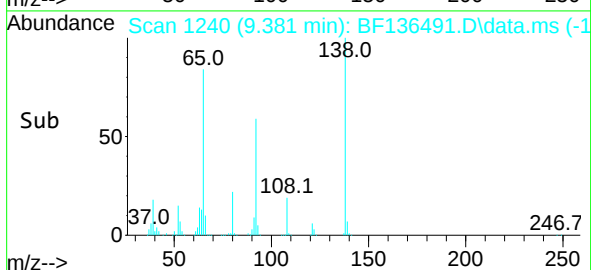
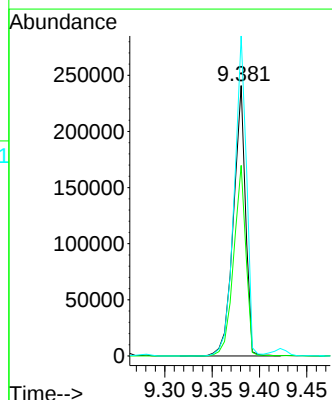
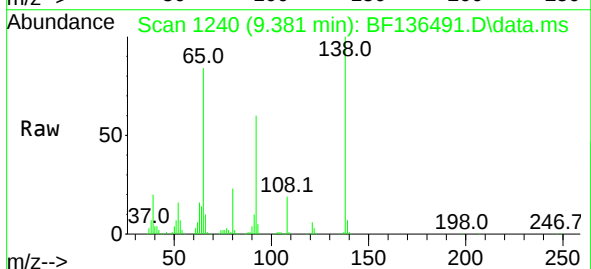
Manual Integrations
APPROVED

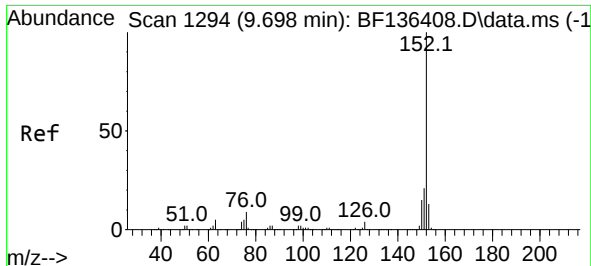
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#48
2-Nitroaniline
Concen: 40.659 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

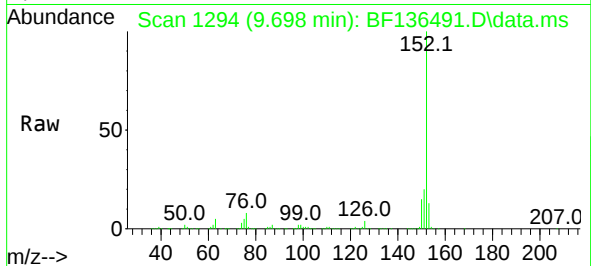
Tgt Ion: 65 Resp: 214363
Ion Ratio Lower Upper
65 100
92 70.5 56.1 84.1
138 118.4 86.7 130.1





#49
Acenaphthylene
Concen: 40.297 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

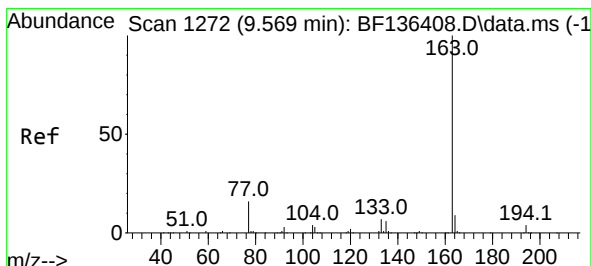
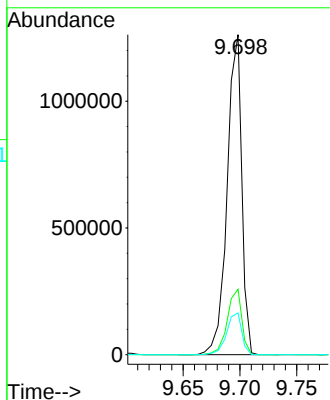
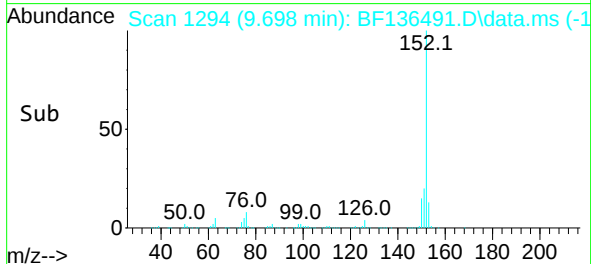
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



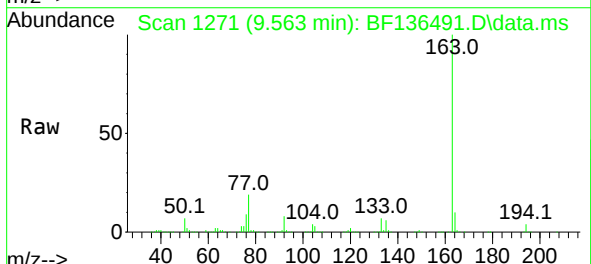
Tgt Ion:152 Resp: 1128430
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.1 10.6 15.8

Manual Integrations
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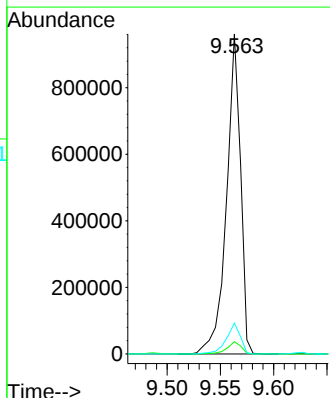
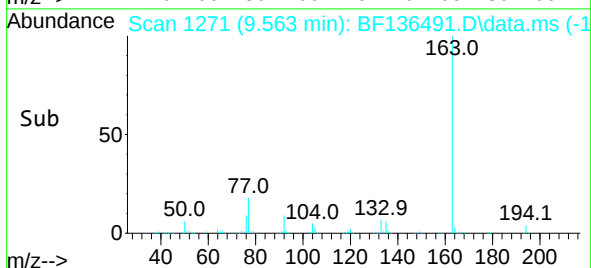
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

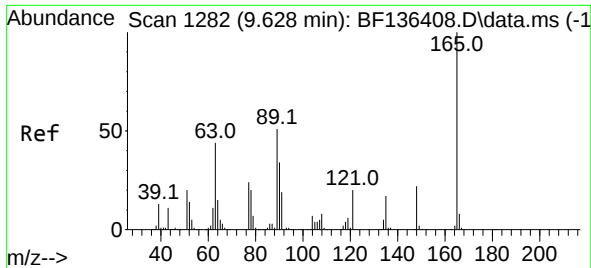


#50
Dimethylphthalate
Concen: 40.162 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



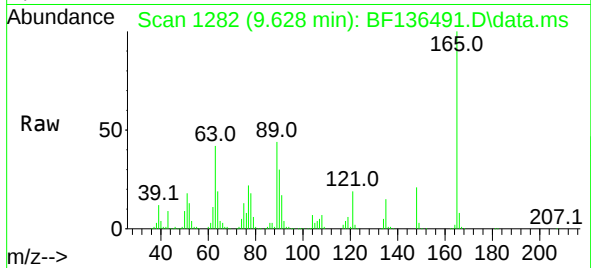
Tgt Ion:163 Resp: 877661
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.6 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 39.721 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

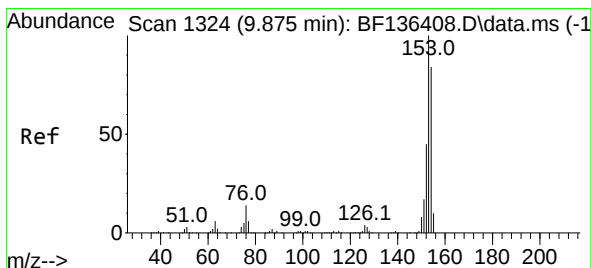
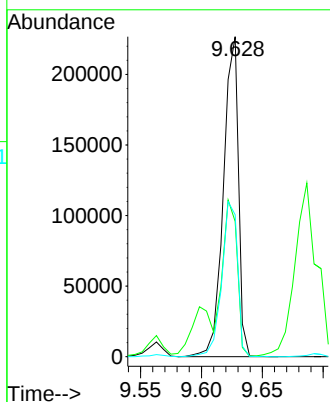
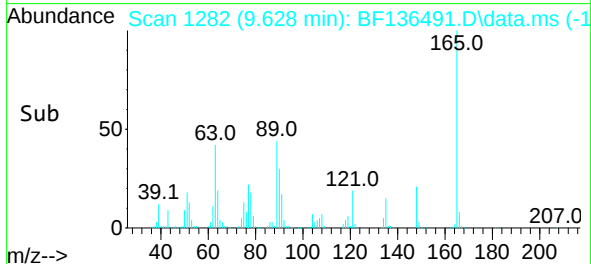
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



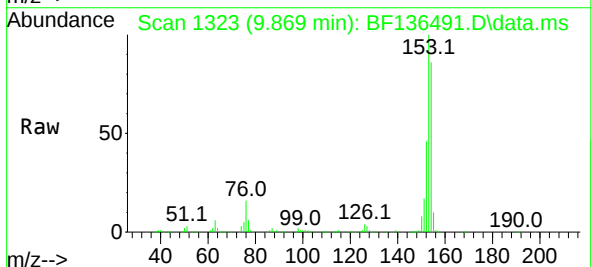
Tgt Ion:165 Resp: 195280
Ion Ratio Lower Upper
165 100
63 42.3 40.4 60.6
89 44.3 40.6 60.8

Manual Integrations
APPROVED

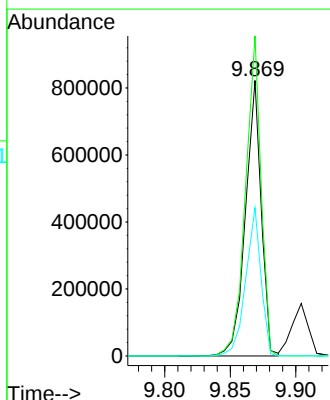
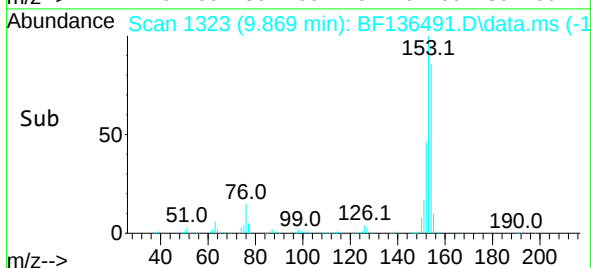
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

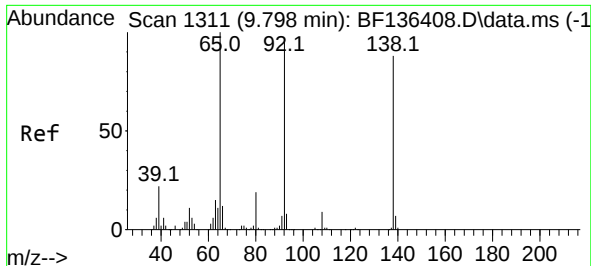


#52
Acenaphthene
Concen: 38.408 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion:154 Resp: 689198
Ion Ratio Lower Upper
154 100
153 116.2 95.3 142.9
152 53.8 43.2 64.8





#53
3-Nitroaniline
Concen: 32.619 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

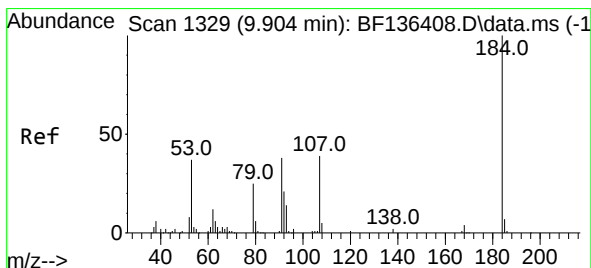
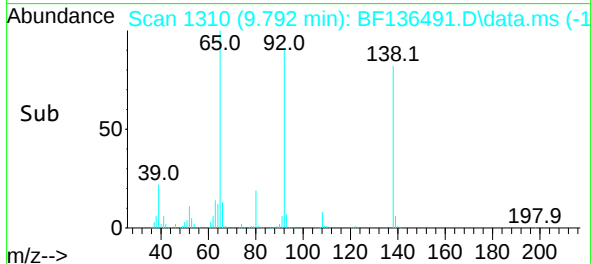
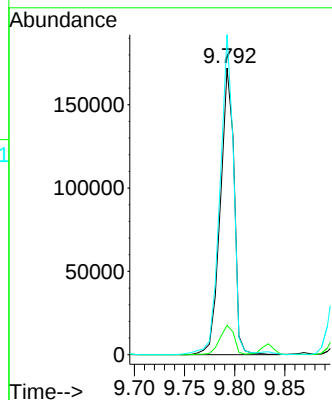
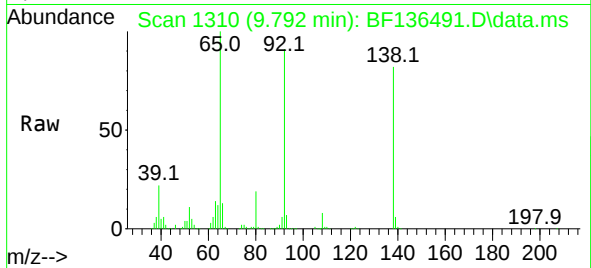
PB157390BSD

Tgt Ion:138 Resp: 16376
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 111.7 86.1 129.1

Manual Integrations

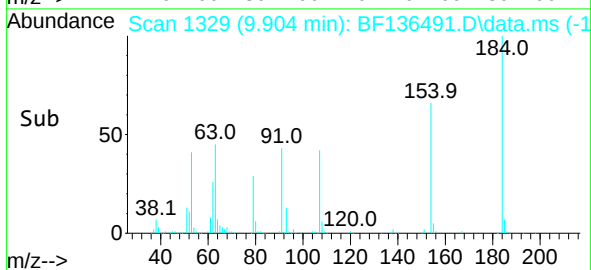
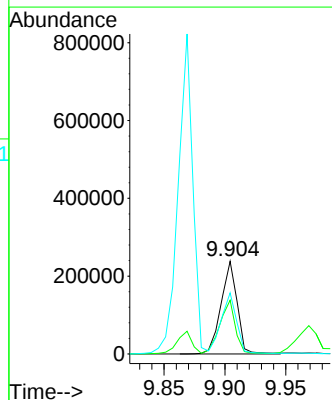
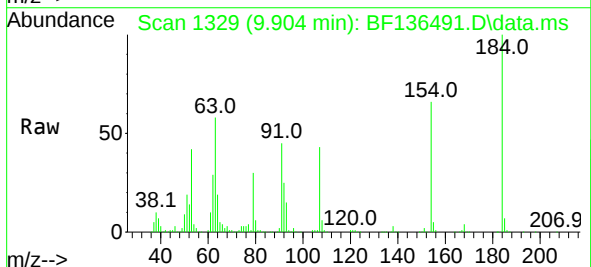
APPROVED

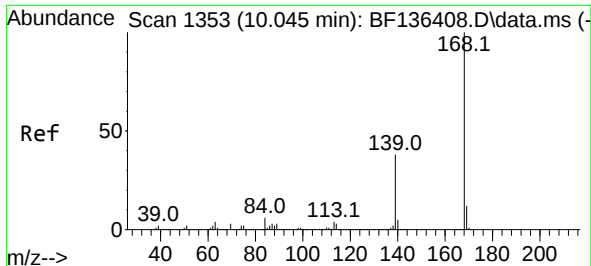
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 88.628 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

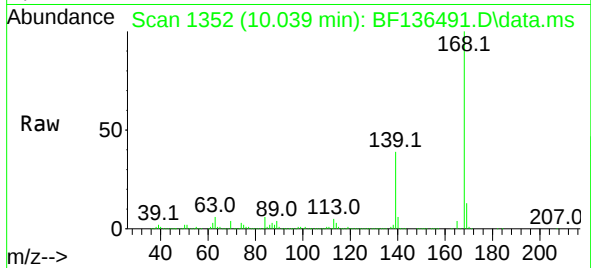
Tgt Ion:184 Resp: 220300
Ion Ratio Lower Upper
184 100
63 58.1 39.1 58.7
154 65.9 49.9 74.9





#55
Dibenzenofuran
Concen: 39.386 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

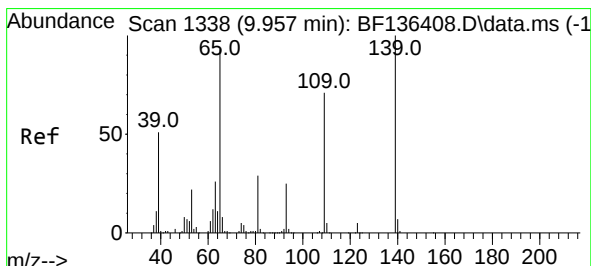
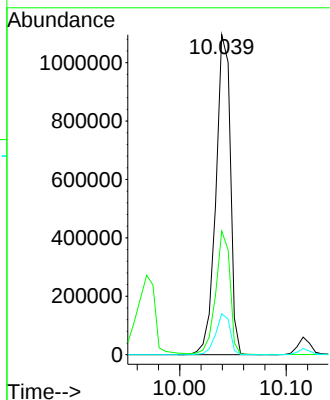
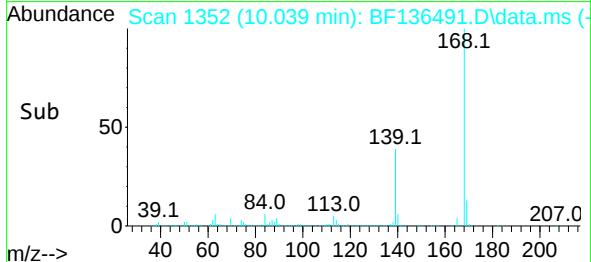
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



Tgt Ion:168 Resp: 1032470
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 12.8 9.9 14.9

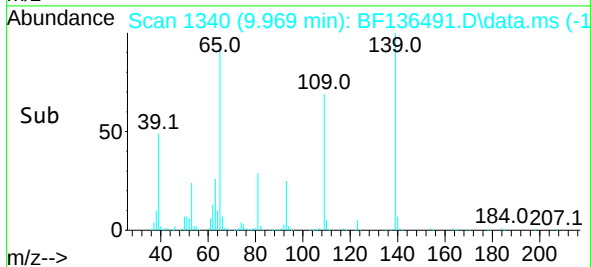
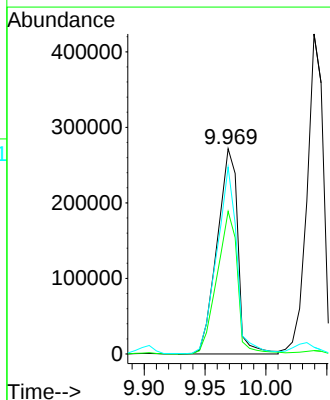
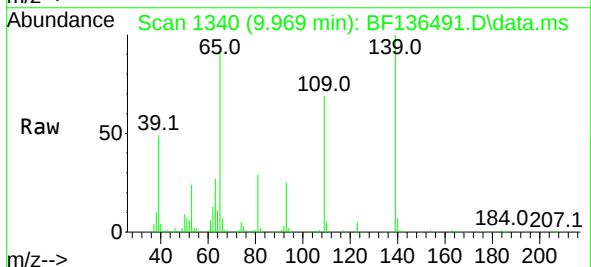
Manual Integrations
APPROVED

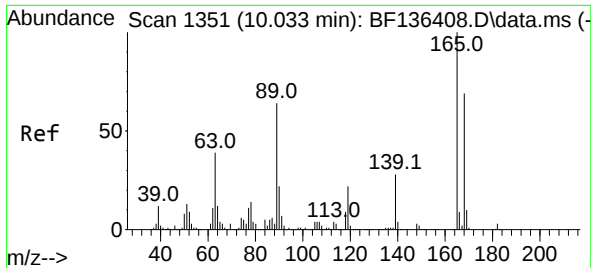
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 85.618 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:139 Resp: 322223
Ion Ratio Lower Upper
139 100
109 69.5 50.6 90.6
65 91.0 73.1 113.1





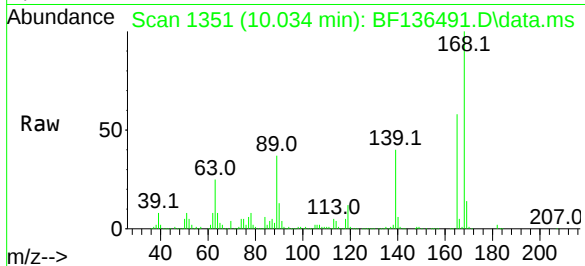
#57
2,4-Dinitrotoluene
Concen: 39.048 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

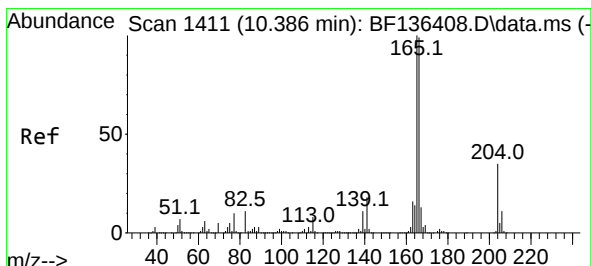
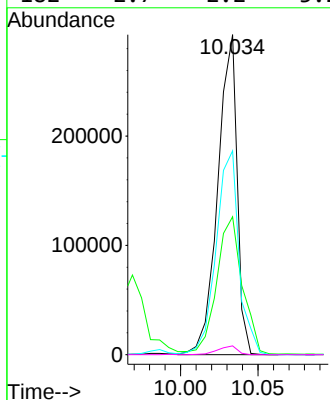
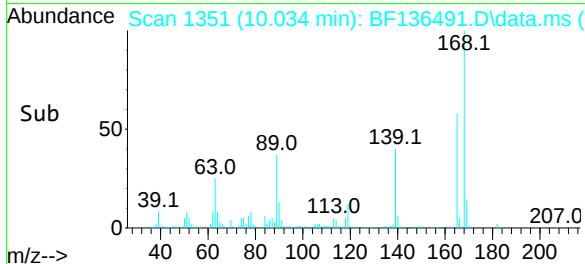


Tgt Ion:165 Resp: 253958
Ion Ratio Lower Upper
165 100
63 43.1 31.4 47.2
89 63.7 51.7 77.5
182 2.7 2.2 3.2

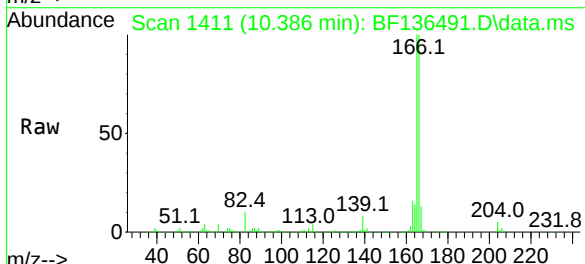
Manual Integrations

APPROVED

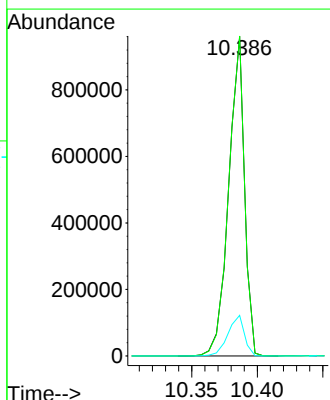
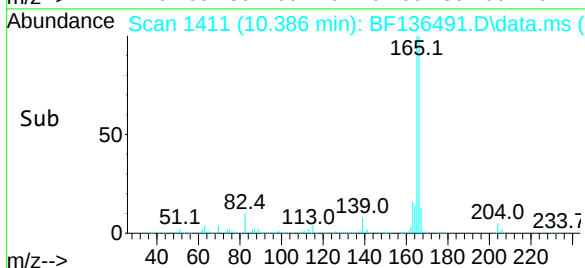
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

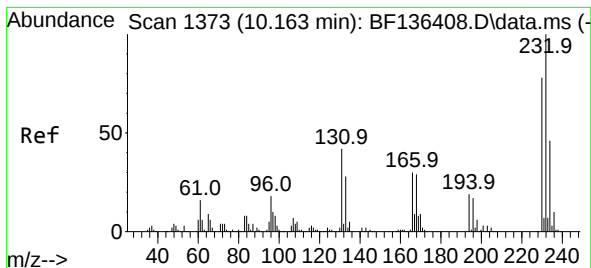


#58
Fluorene
Concen: 38.215 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



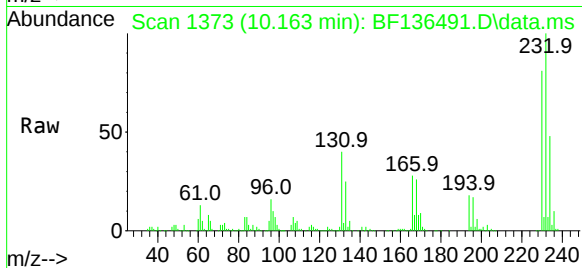
Tgt Ion:166 Resp: 804171
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 12.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.873 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

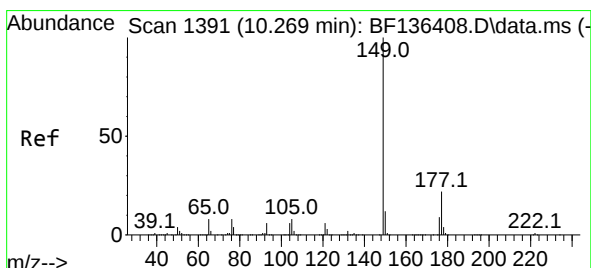
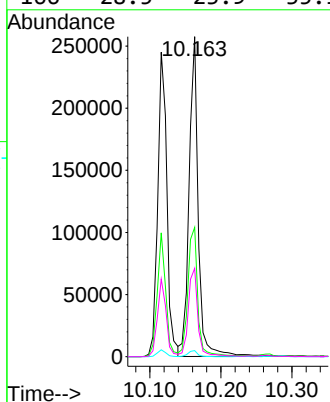
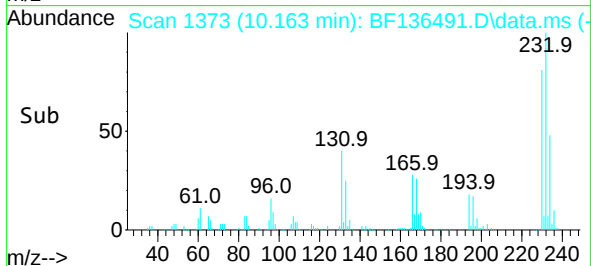
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



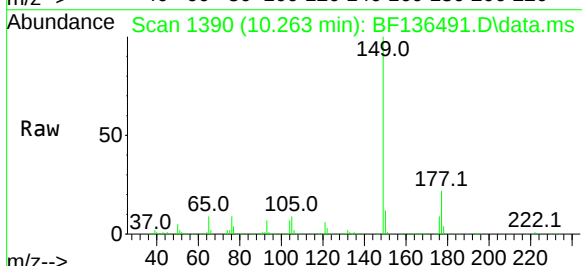
Tgt Ion:232 Resp: 230464
Ion Ratio Lower Upper
232 100
131 43.1 34.3 51.5
130 2.0 1.6 2.4
166 28.5 23.9 35.9

Manual Integrations
APPROVED

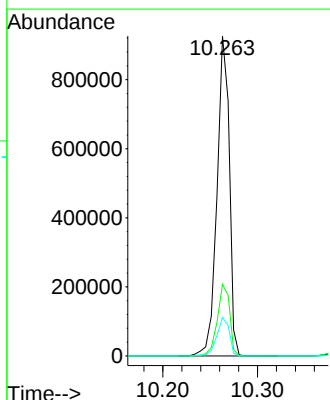
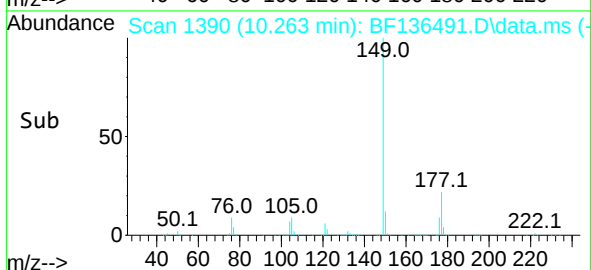
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

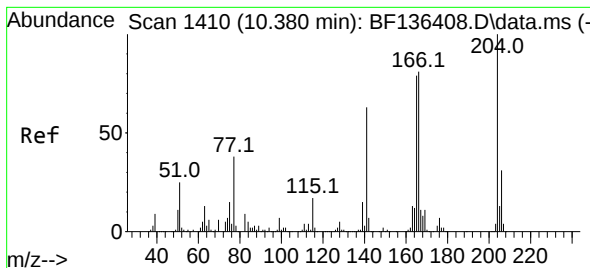


#60
Diethylphthalate
Concen: 38.871 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



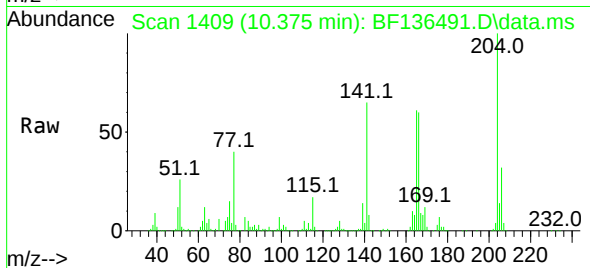
Tgt Ion:149 Resp: 835286
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.0 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 38.119 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

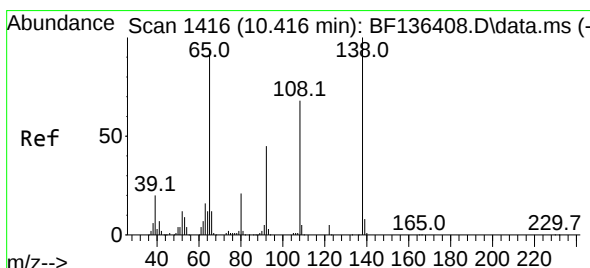
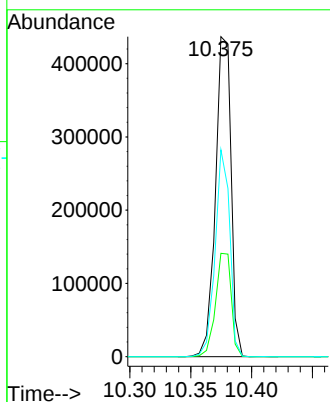
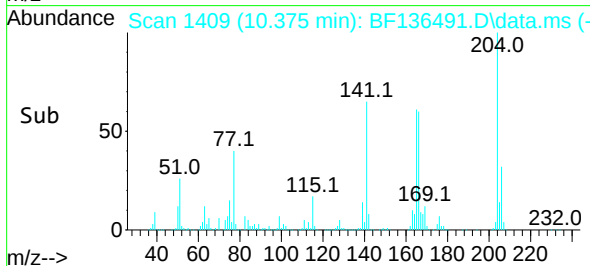
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



Tgt Ion:204 Resp: 391040
Ion Ratio Lower Upper
204 100
206 32.3 24.6 36.8
141 64.7 50.3 75.5

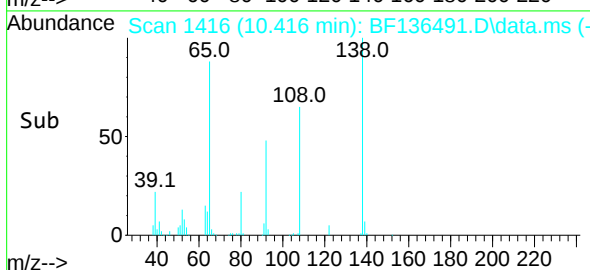
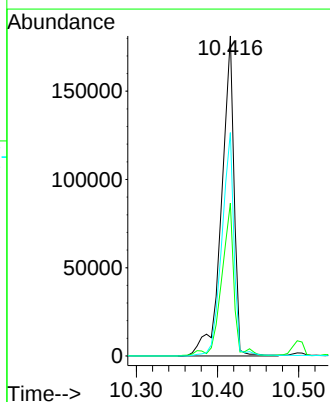
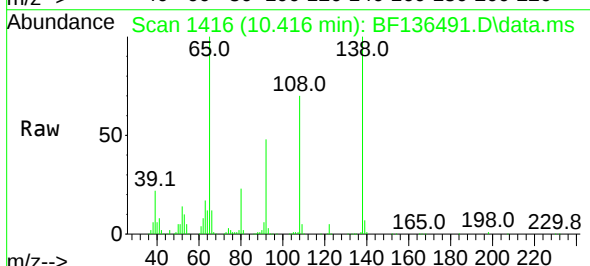
Manual Integrations
APPROVED

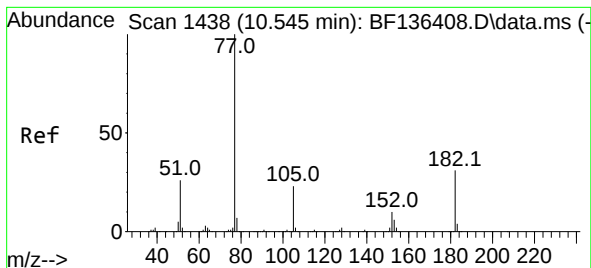
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 39.145 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:138 Resp: 195136
Ion Ratio Lower Upper
138 100
92 47.8 25.0 65.0
108 69.8 47.9 87.9





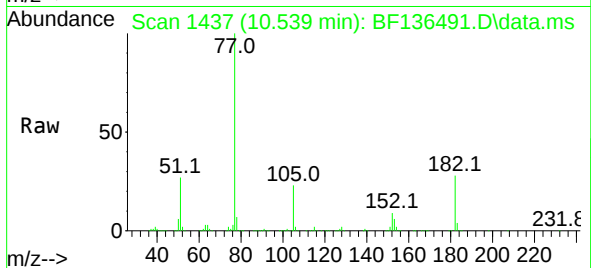
#63
Azobenzene
Concen: 37.871 ng
RT: 10.539 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

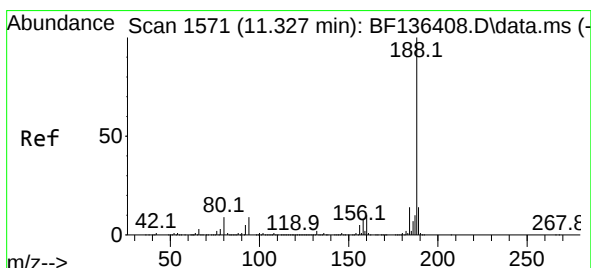
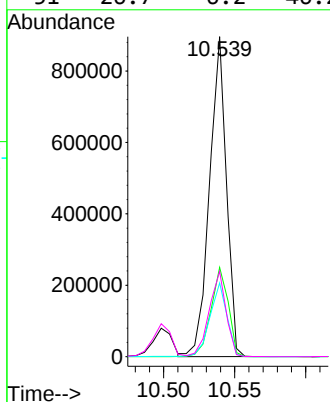
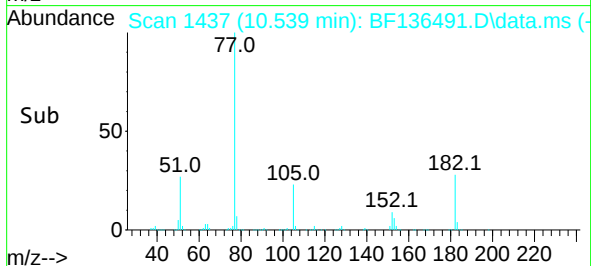


Tgt Ion: 77 Resp: 740725
Ion Ratio Lower Upper
77 100
182 27.9 10.8 50.8
105 23.1 2.6 42.6
51 26.7 6.2 46.2

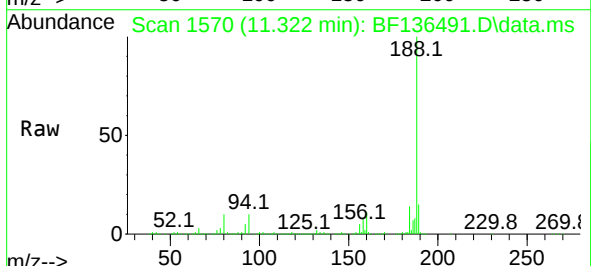
Manual Integrations

APPROVED

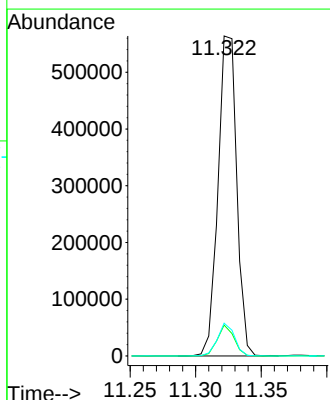
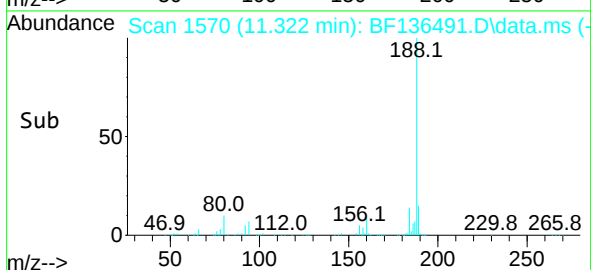
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

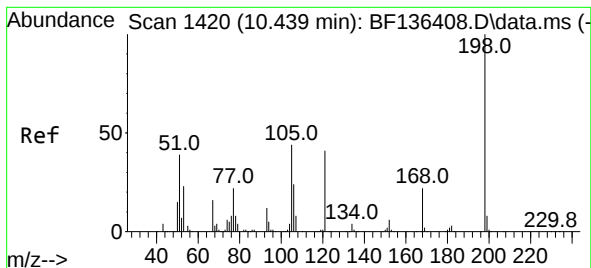


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion:188 Resp: 558367
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.2 7.2 10.8





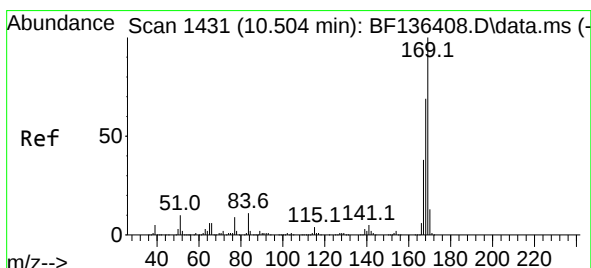
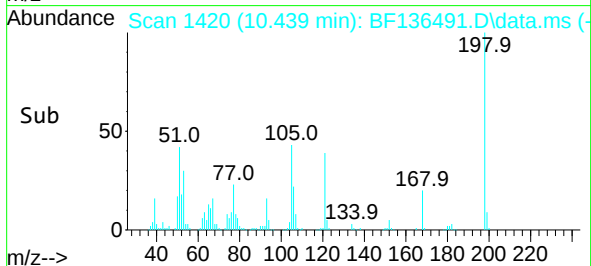
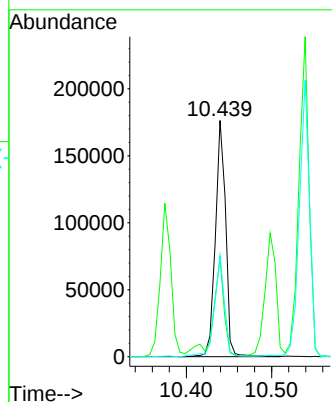
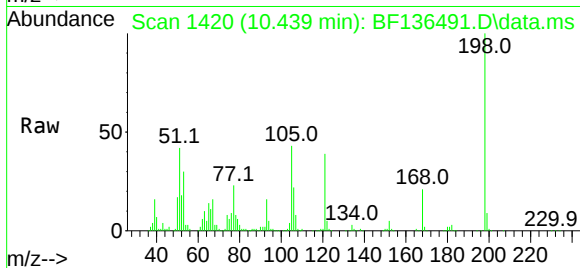
#65
4,6-Dinitro-2-methylphenol
Concen: 42.730 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :
BNA_F
ClientSampleId :
PB157390BSD

Tgt Ion:198 Resp: 147761
Ion Ratio Lower Upper
198 100
51 41.8 24.1 64.1
105 42.8 24.8 64.8

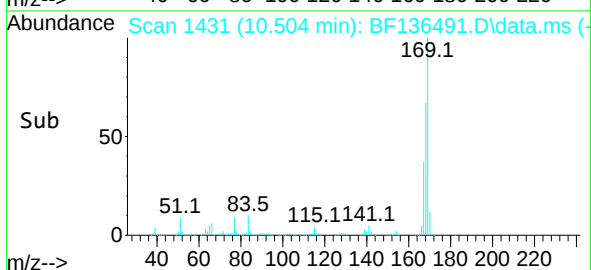
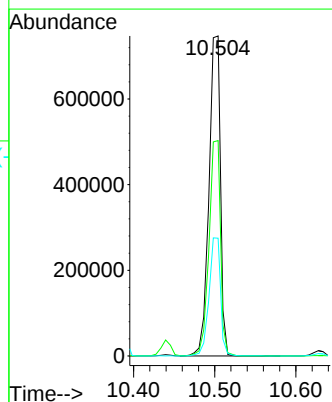
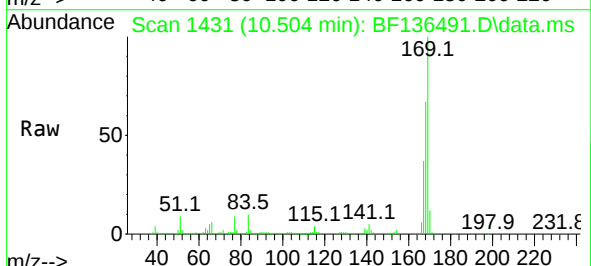
Manual Integrations
APPROVED

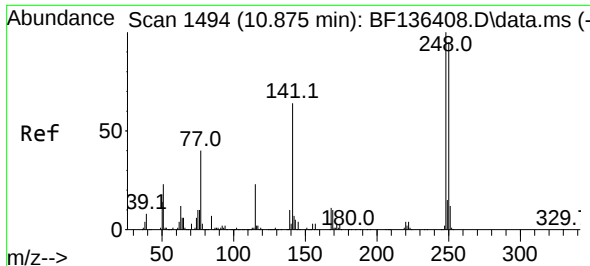
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 40.788 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

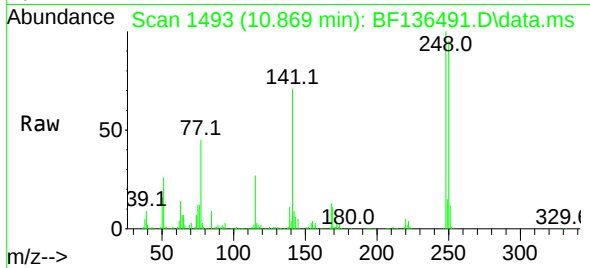
Tgt Ion:169 Resp: 730790
Ion Ratio Lower Upper
169 100
168 67.3 55.3 82.9
167 36.8 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 39.417 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

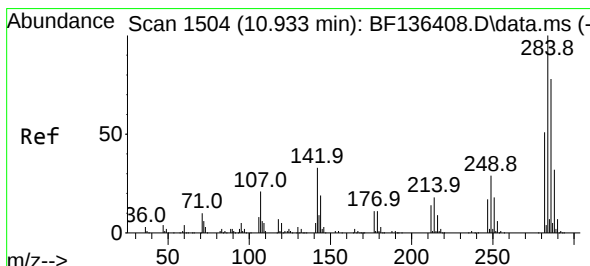
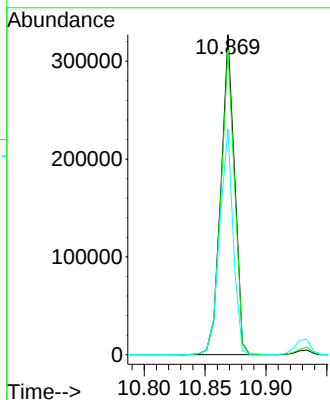
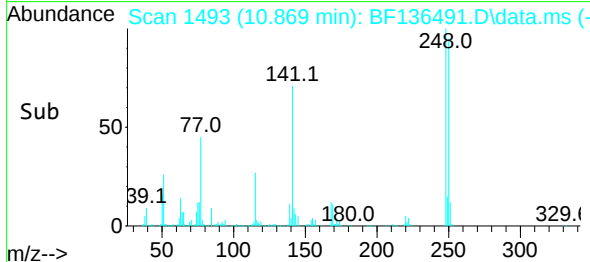
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



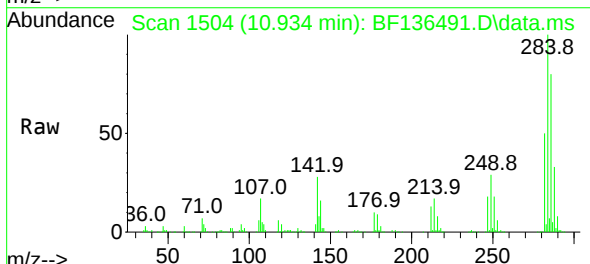
Tgt Ion:248 Resp: 255889
Ion Ratio Lower Upper
248 100
250 95.1 76.2 114.2
141 70.5 51.0 76.4

Manual Integrations
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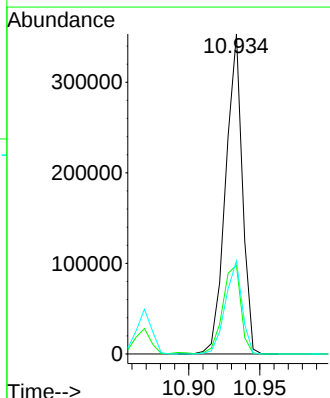
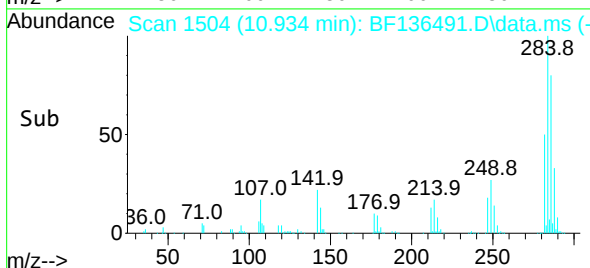
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

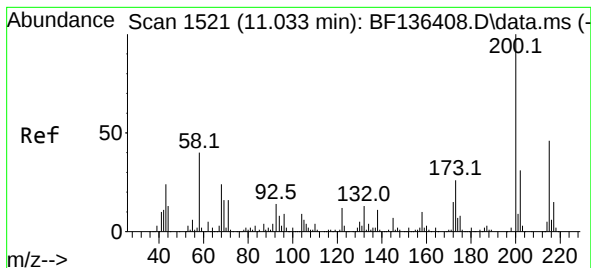


#68
Hexachlorobenzene
Concen: 38.447 ng
RT: 10.934 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion:284 Resp: 288476
Ion Ratio Lower Upper
284 100
142 27.8 26.5 39.7
249 29.1 23.4 35.0





#69

Atrazine

Concen: 39.756 ng

RT: 11.034 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

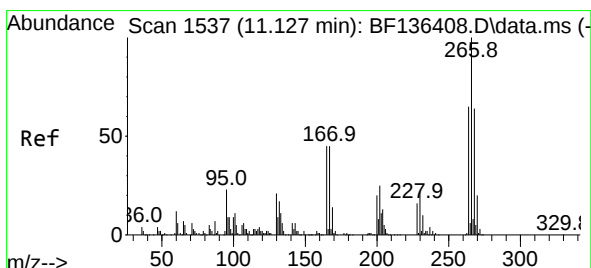
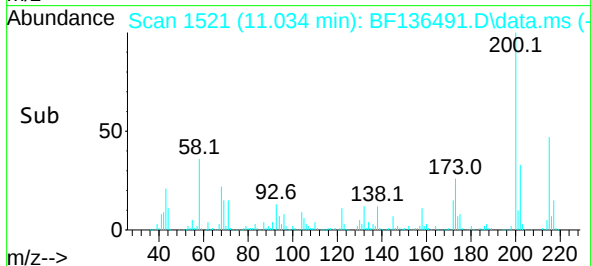
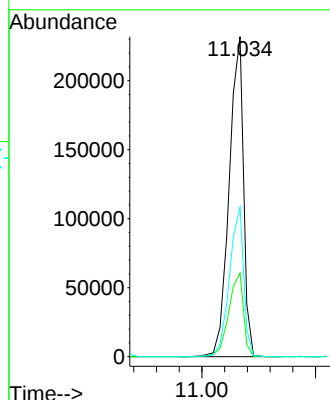
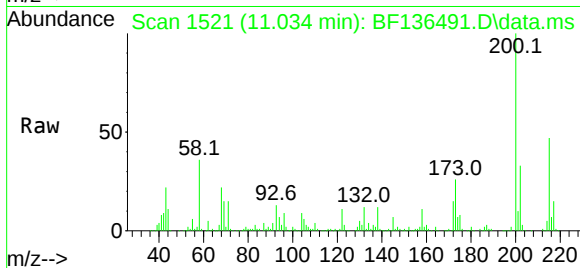
Tgt Ion:200	Resp: 203304
Ion Ratio	Lower Upper
200 100	
173 26.1	6.0 46.0
215 46.7	25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 66.594 ng

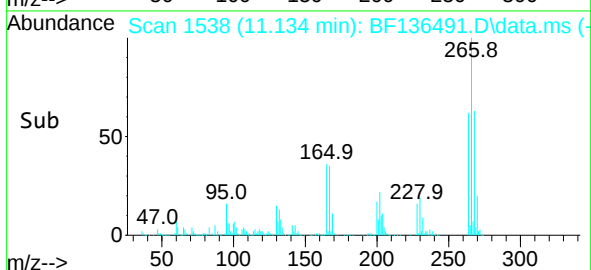
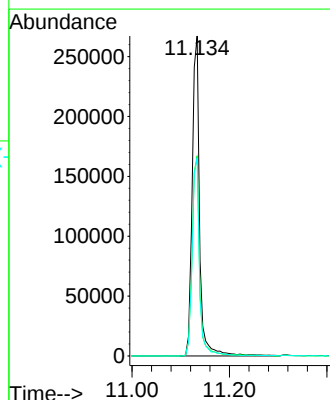
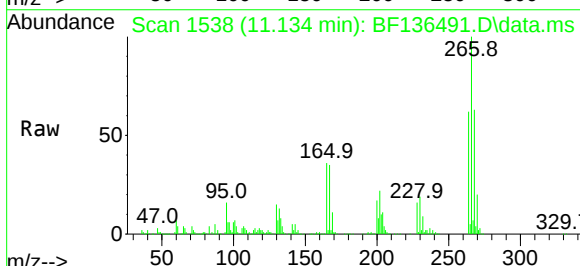
RT: 11.134 min Scan# 1538

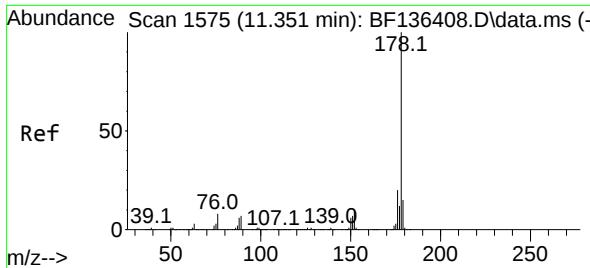
Delta R.T. 0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Tgt Ion:266	Resp: 282005
Ion Ratio	Lower Upper
266 100	
268 62.6	51.0 76.6
264 61.9	52.2 78.4





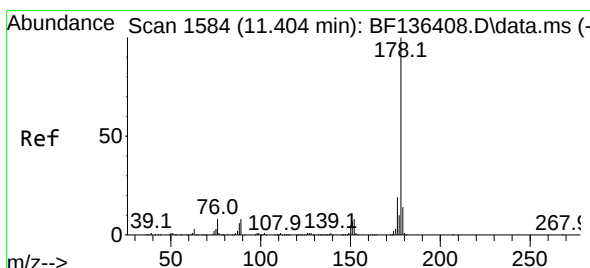
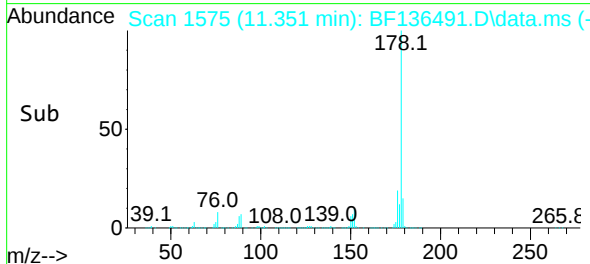
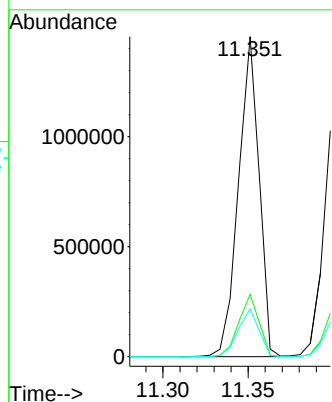
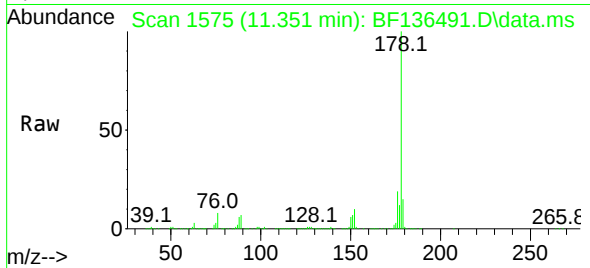
#71
Phenanthrene
Concen: 39.715 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :
BNA_F
ClientSampleId :
PB157390BSD

Tgt Ion:178 Resp: 121886
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 14.9 11.8 17.6

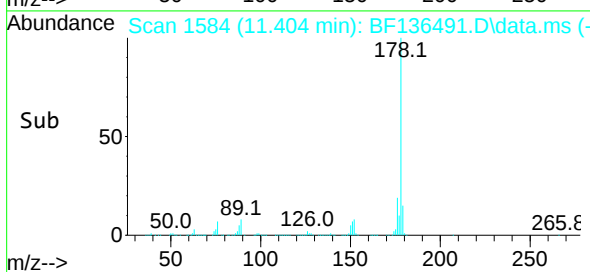
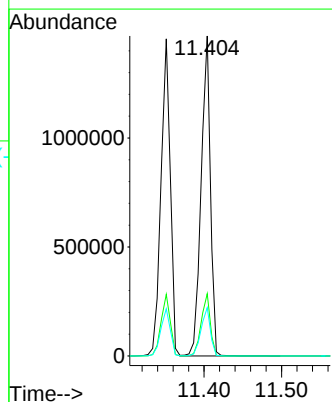
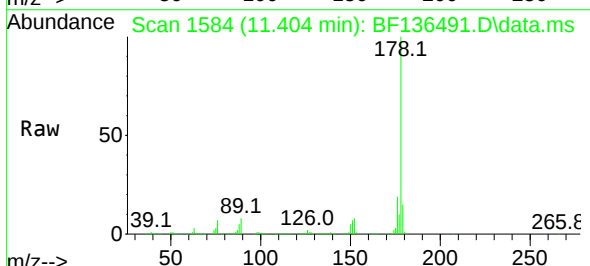
Manual Integrations
APPROVED

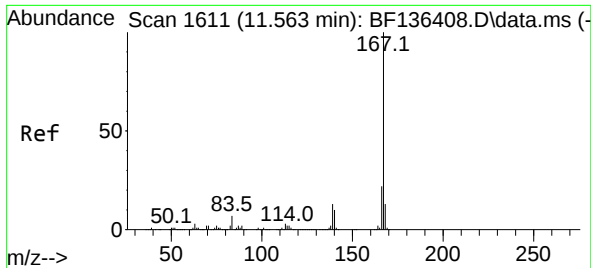
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 39.536 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

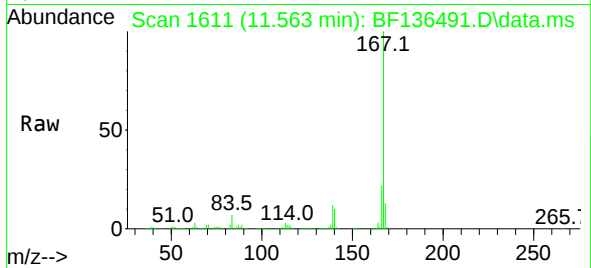
Tgt Ion:178 Resp: 1222122
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.1 11.4 17.0





#73
 Carbazole
 Concen: 39.067 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

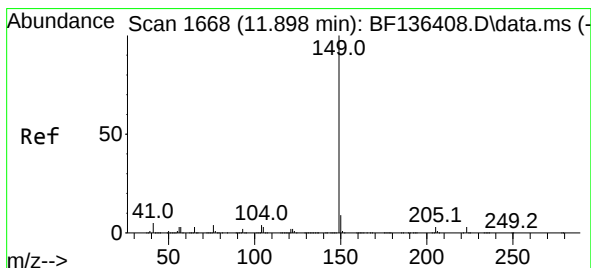
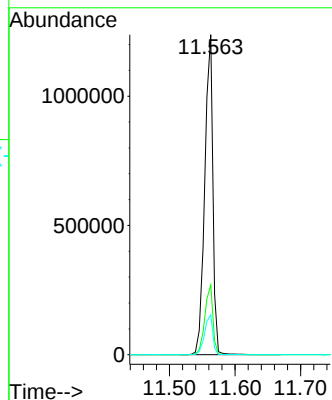
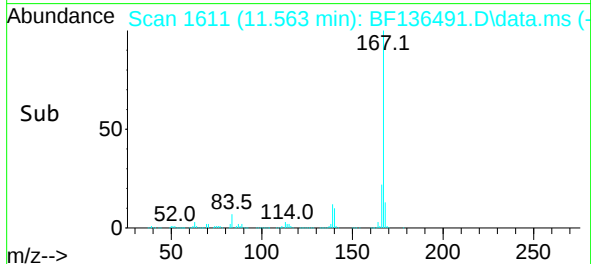
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BSD



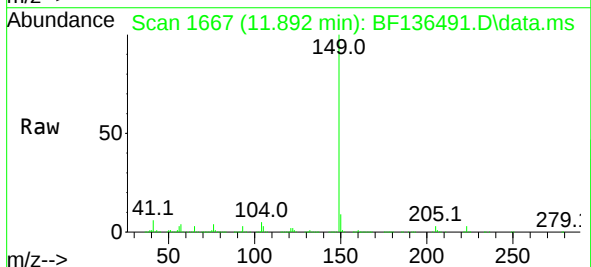
Tgt Ion:167 Resp: 106884
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 12.5 10.2 15.4

Manual Integrations
 APPROVED

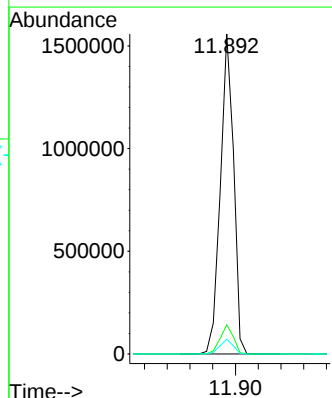
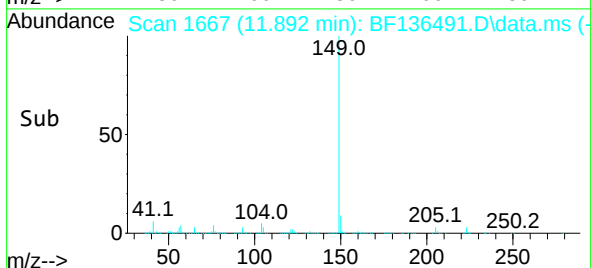
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

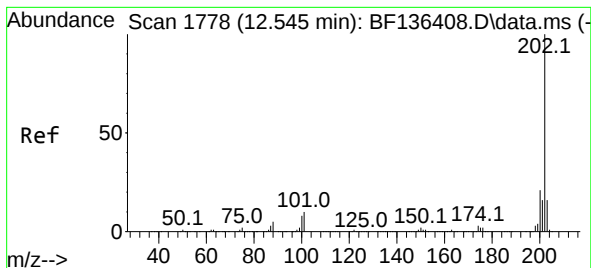


#74
 Di-n-butylphthalate
 Concen: 37.675 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31



Tgt Ion:149 Resp: 1263607
 Ion Ratio Lower Upper
 149 100
 150 9.1 6.9 10.3
 104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 37.359 ng

RT: 12.545 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

Tgt Ion:202 Resp: 120153

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.9

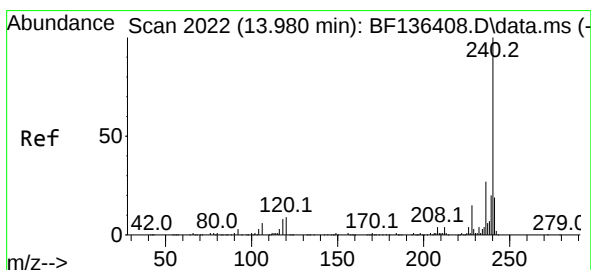
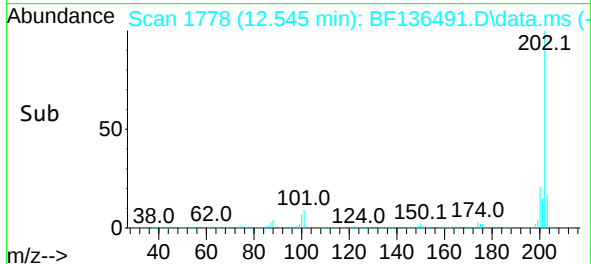
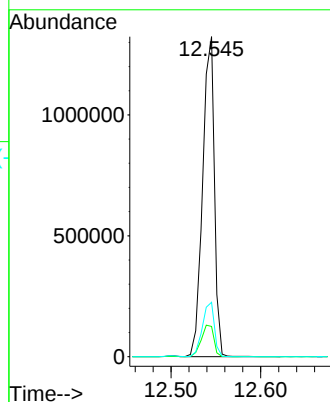
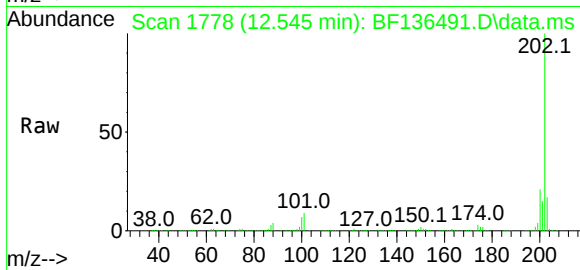
203 17.0 0.0 36.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

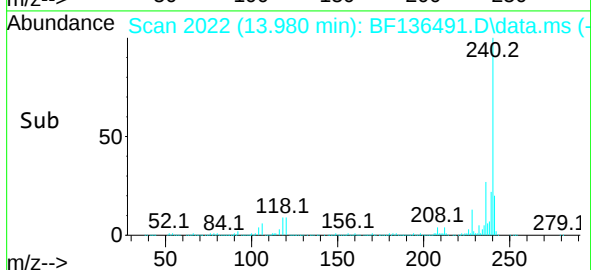
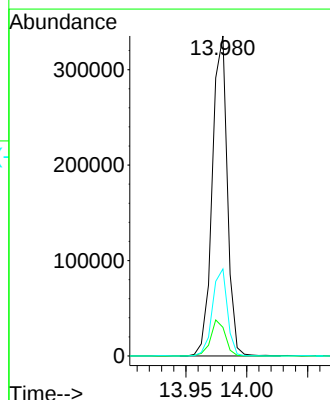
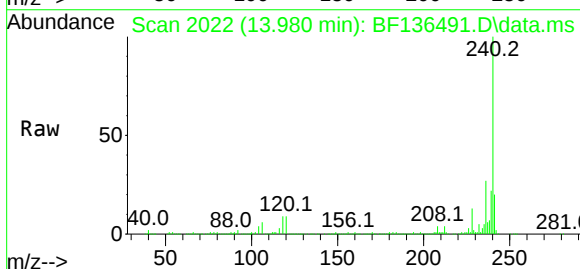
Tgt Ion:240 Resp: 287494

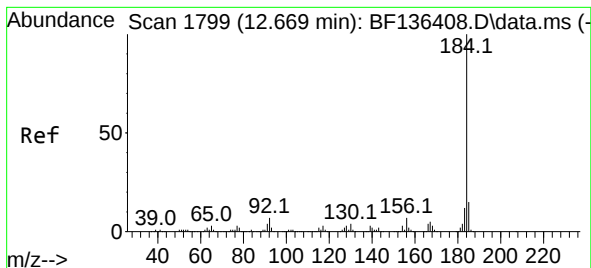
Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 27.2 21.3 31.9





#77

Benzidine

Concen: 17.641 ng

RT: 12.663 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

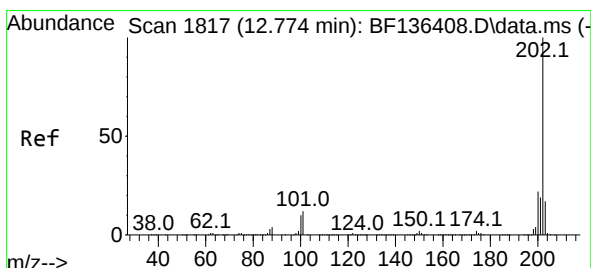
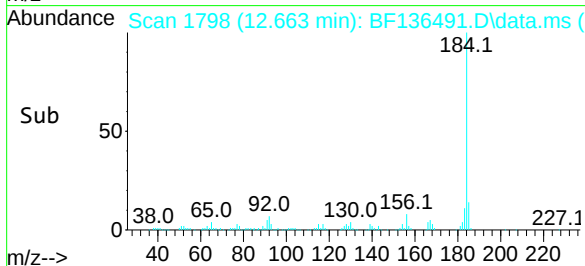
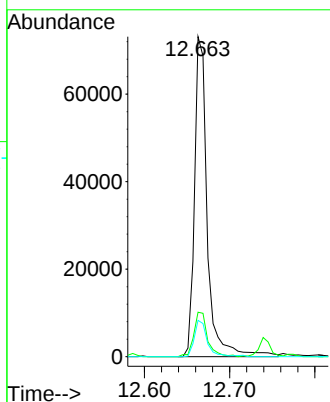
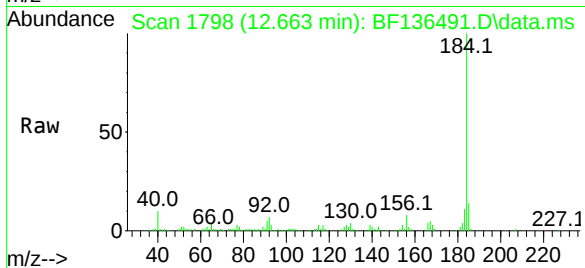
Tgt Ion:184	Resp:	76050
Ion Ratio	Lower	Upper
184	100	
185	13.9	12.0 18.0
183	11.4	9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#78

Pyrene

Concen: 42.914 ng

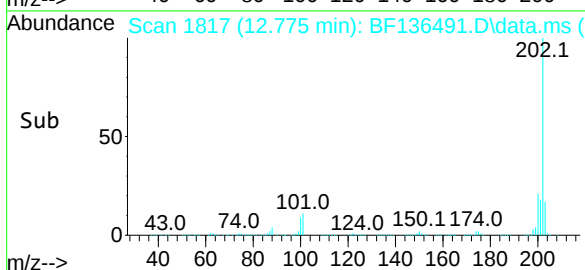
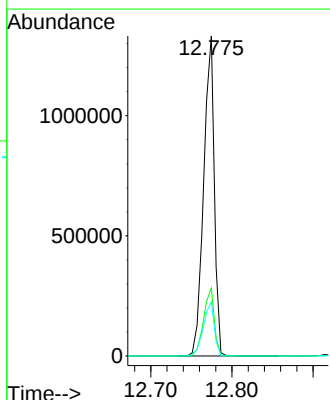
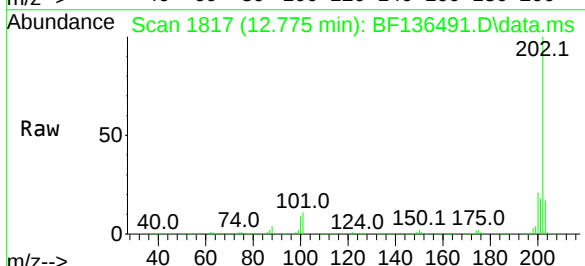
RT: 12.775 min Scan# 1817

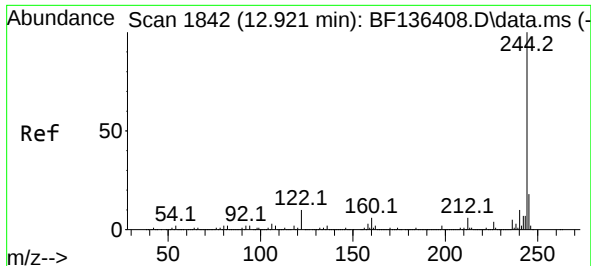
Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

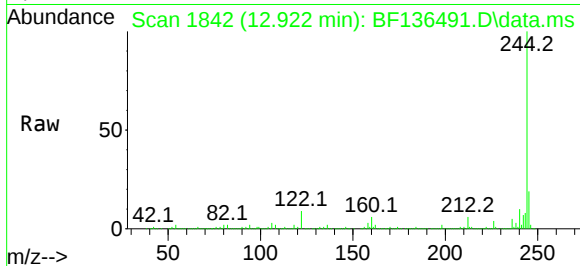
Tgt Ion:202	Resp:	1208284
Ion Ratio	Lower	Upper
202	100	
200	21.2	18.0 27.0
203	16.9	13.5 20.3





#79
 Terphenyl-d14
 Concen: 78.954 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

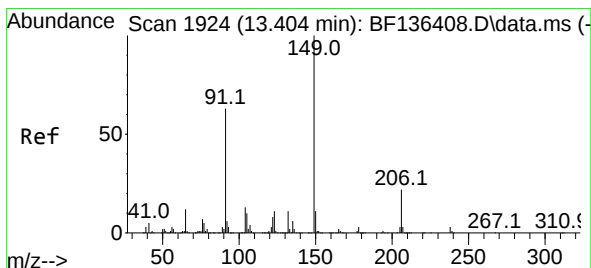
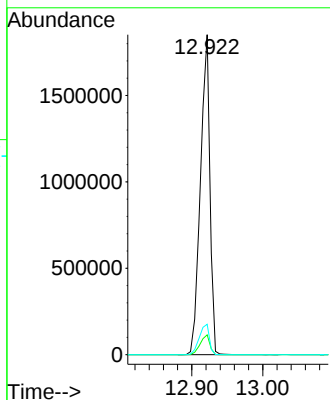
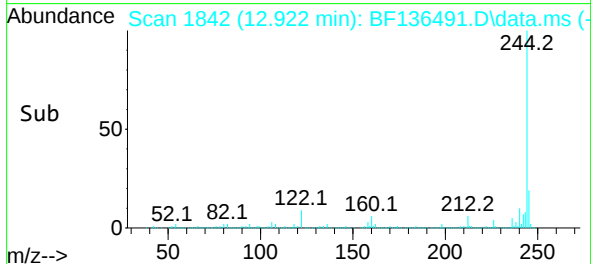
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BSD



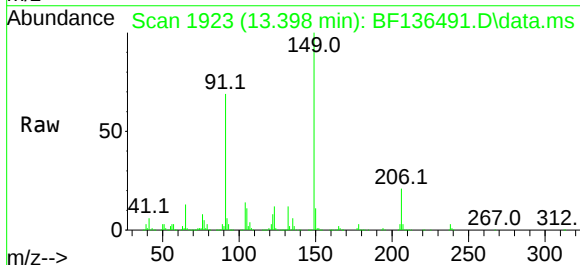
Tgt Ion:244 Resp: 1722148
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.5 8.3 12.5

Manual Integrations
 APPROVED

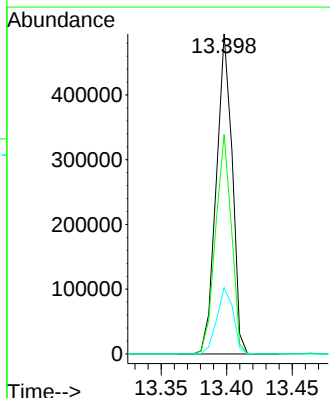
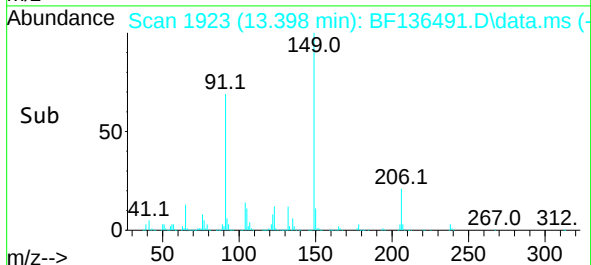
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

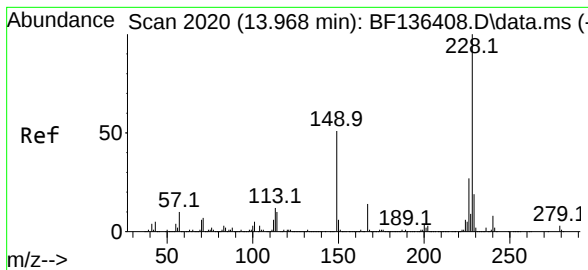


#80
 Butylbenzylphthalate
 Concen: 41.521 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31



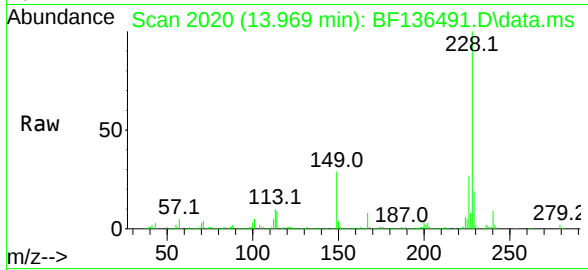
Tgt Ion:149 Resp: 416169
 Ion Ratio Lower Upper
 149 100
 91 68.6 50.5 75.7
 206 20.7 17.4 26.2





#81
Benzo(a)anthracene
Concen: 41.961 ng
RT: 13.969 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

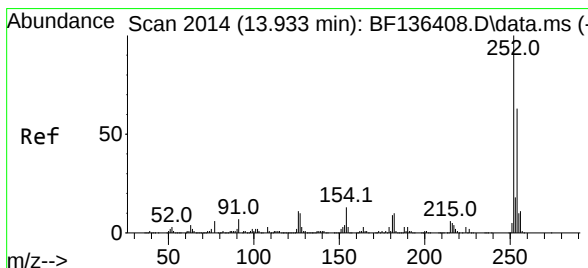
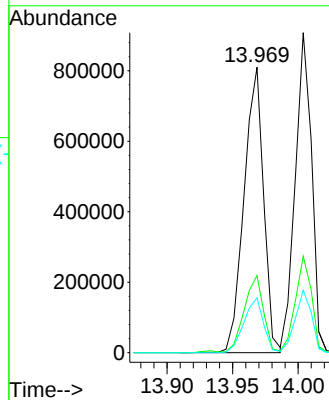
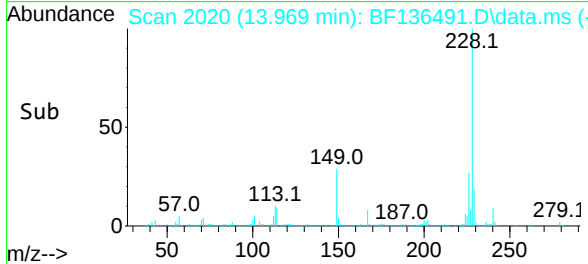
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



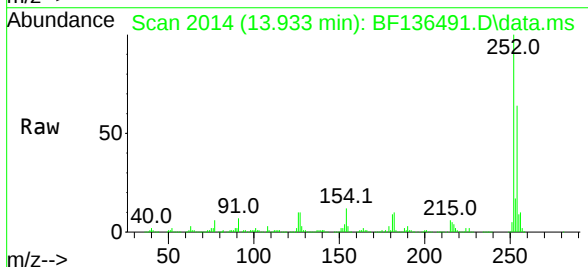
Tgt Ion:228 Resp: 840307
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.2 15.0 22.4

Manual Integrations
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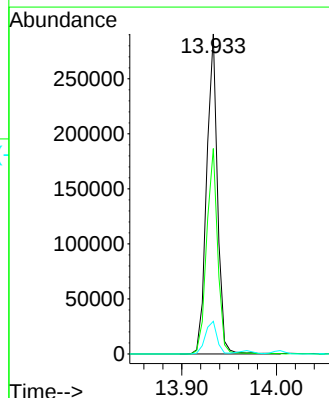
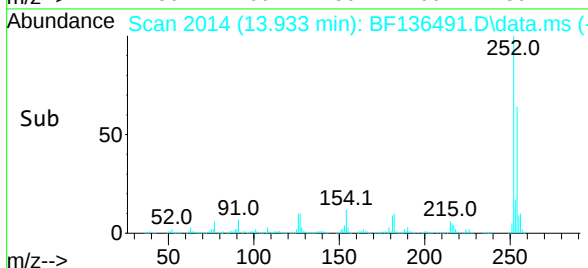
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

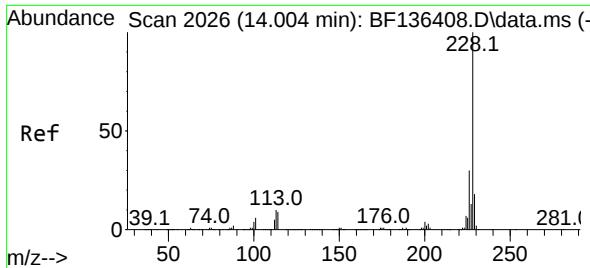


#82
3,3'-Dichlorobenzidine
Concen: 41.263 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



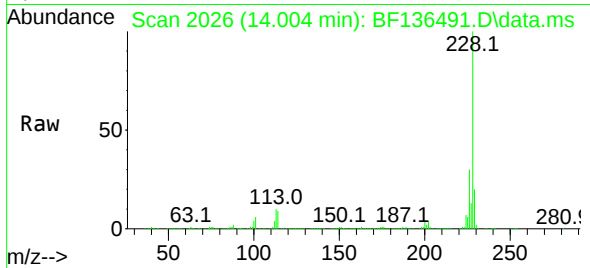
Tgt Ion:252 Resp: 231685
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 10.2 8.6 12.8





#83
Chrysene
Concen: 40.027 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

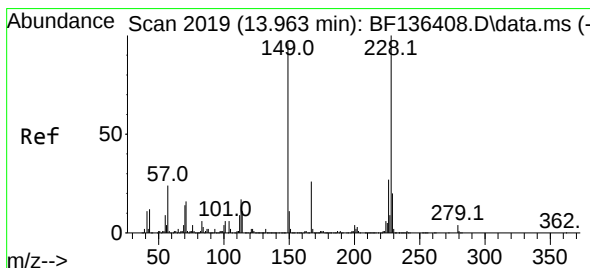
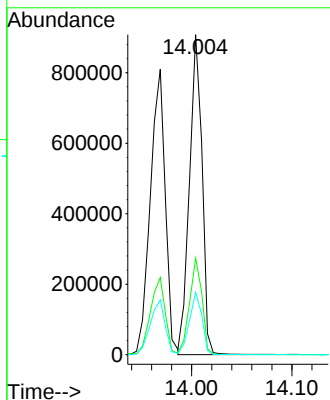
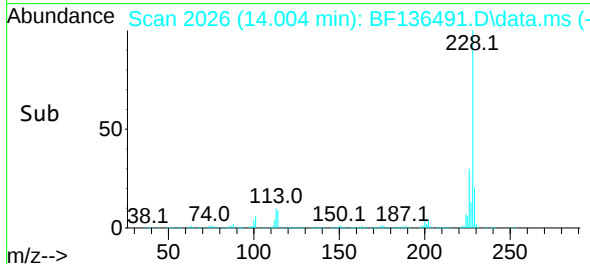
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



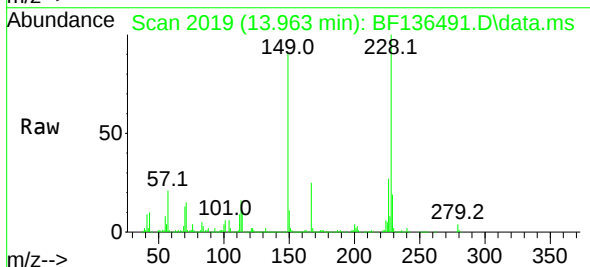
Tgt Ion:228 Resp: 788630
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 19.5 14.8 22.2

Manual Integrations
APPROVED

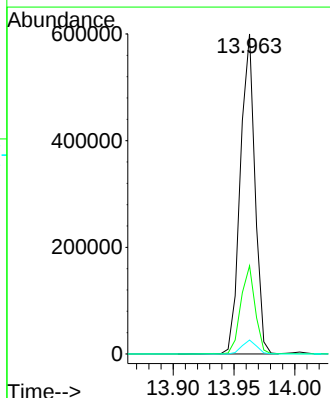
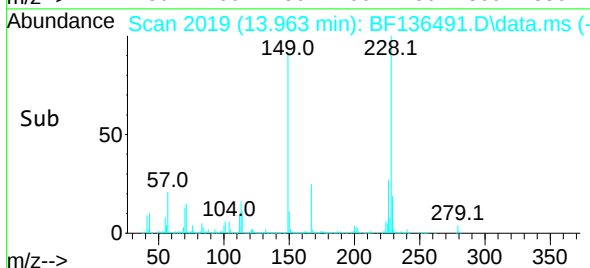
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.850 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion:149 Resp: 501940
Ion Ratio Lower Upper
149 100
167 27.6 21.2 31.8
279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 40.327 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

Tgt Ion:149 Resp: 73191

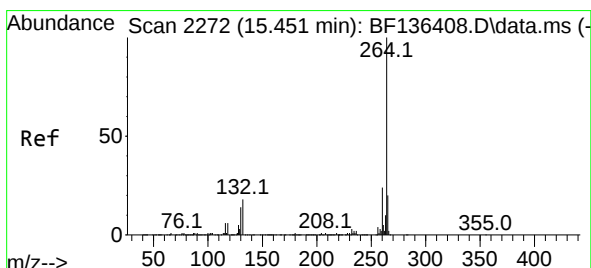
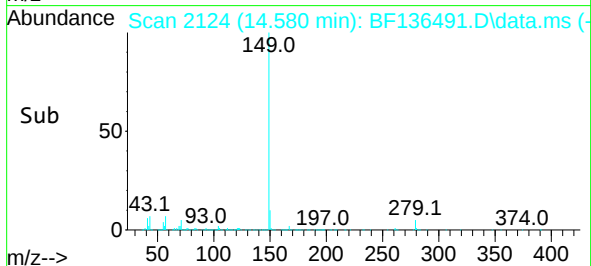
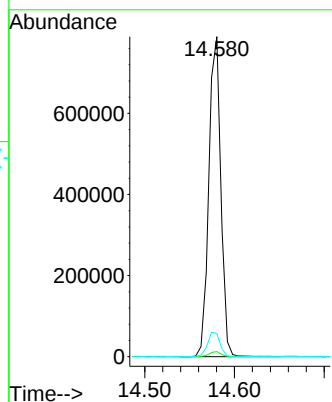
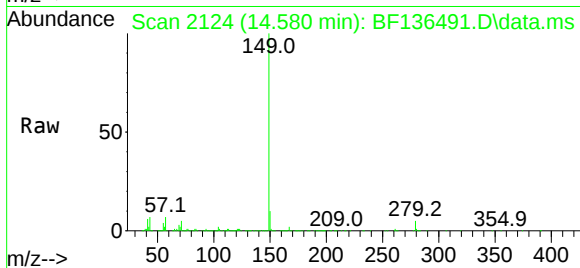
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

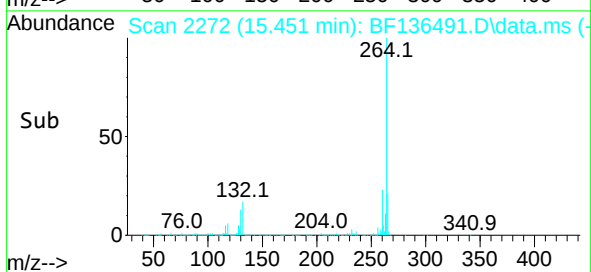
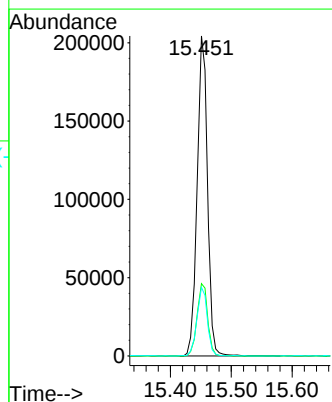
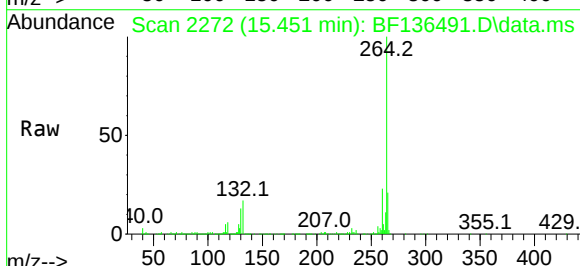
Delta R.T. 0.000 min

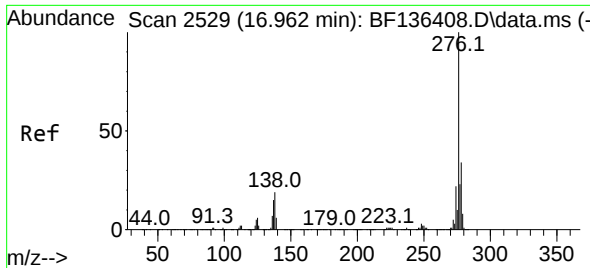
Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Tgt Ion:264 Resp: 241454

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.5	15.9	23.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.890 ng
 RT: 16.963 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

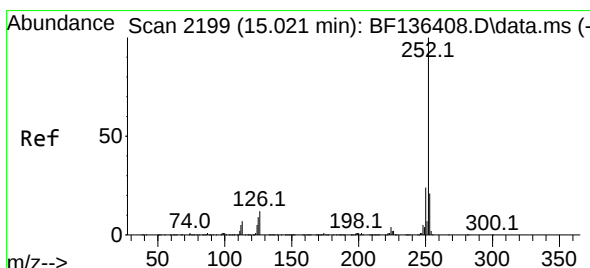
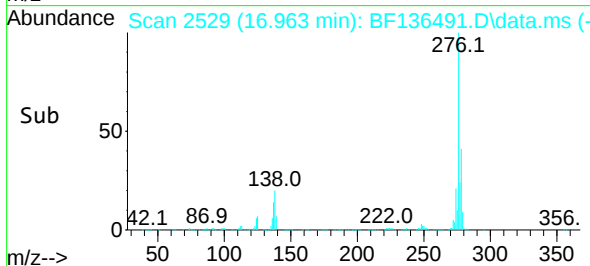
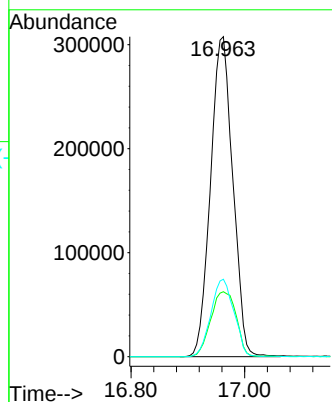
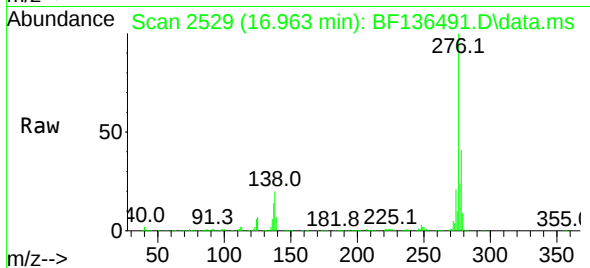
PB157390BSD

Tgt Ion:276 Resp: 83687
 Ion Ratio Lower Upper
 276 100
 138 23.2 19.0 28.4
 277 25.1 20.0 30.0

Manual Integrations

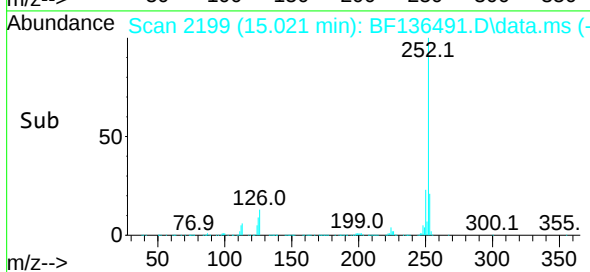
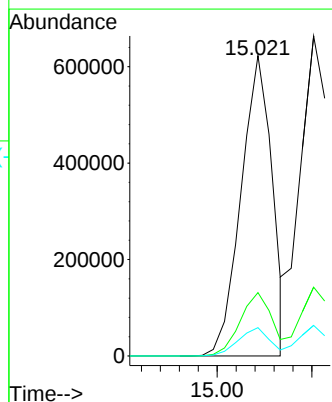
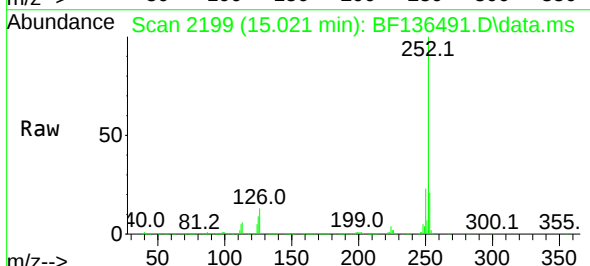
APPROVED

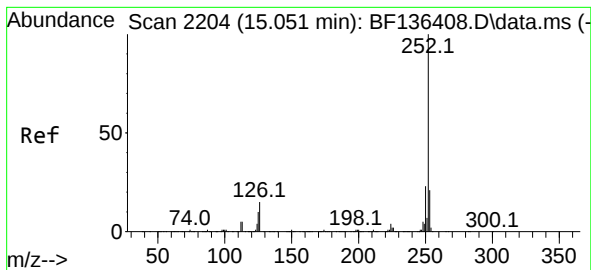
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#88
 Benzo(b)fluoranthene
 Concen: 43.216 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

Tgt Ion:252 Resp: 713451
 Ion Ratio Lower Upper
 252 100
 253 21.1 16.9 25.3
 125 9.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.087 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

Tgt Ion:252 Resp: 701470

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

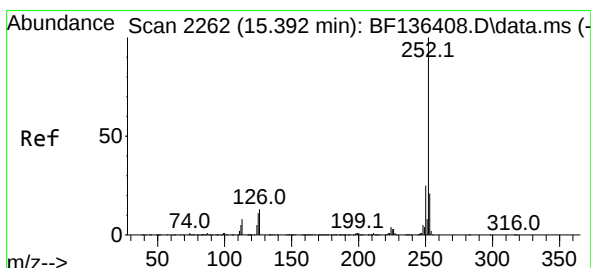
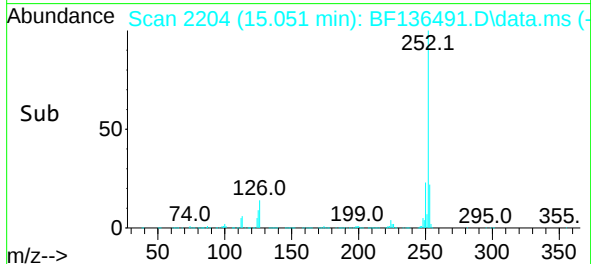
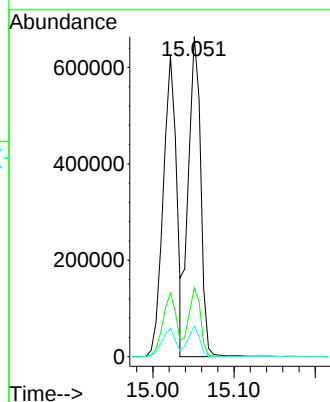
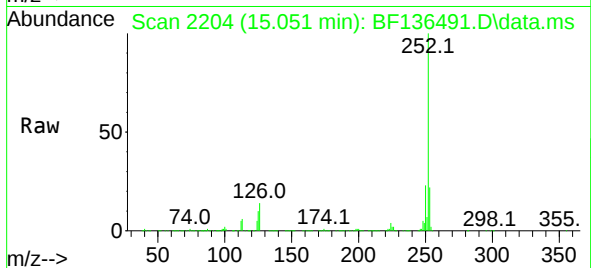
125 9.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#90

Benzo(a)pyrene

Concen: 45.533 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

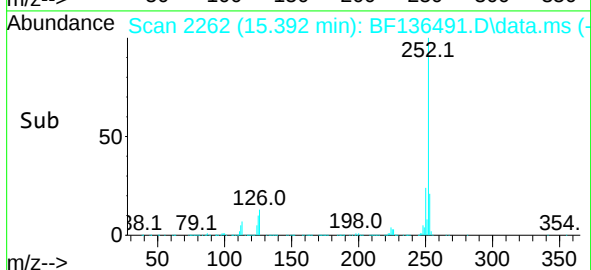
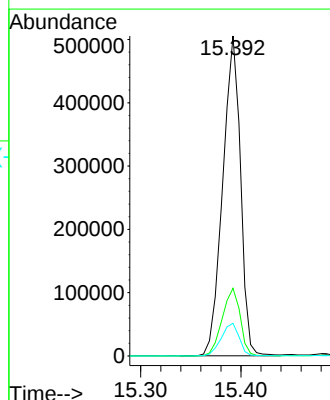
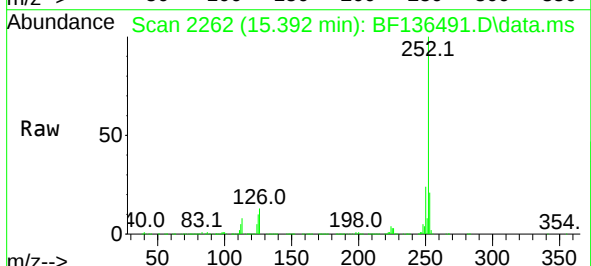
Tgt Ion:252 Resp: 620779

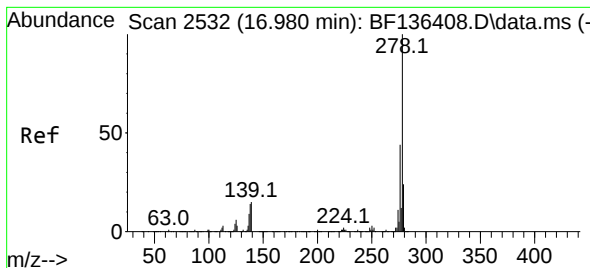
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 10.2 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 50.782 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

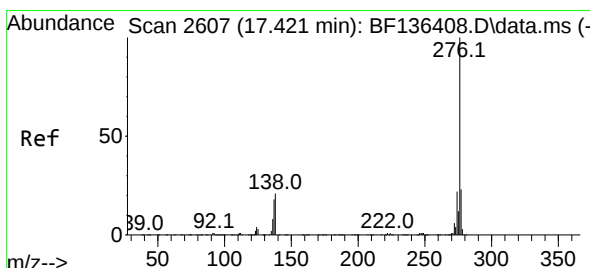
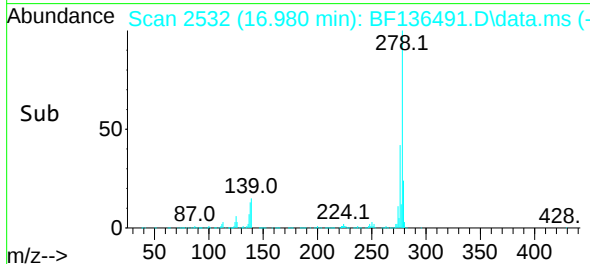
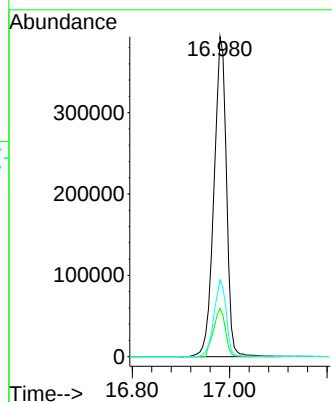
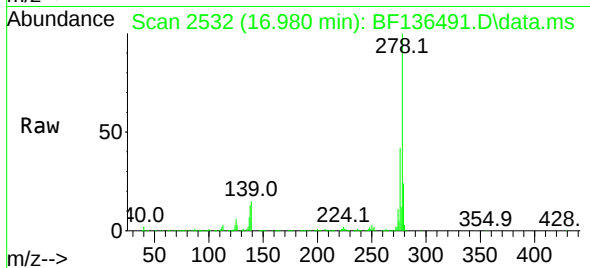
PB157390BSD

Tgt Ion:278 Resp: 69785
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#92
Benzo(g,h,i)perylene
Concen: 49.122 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:276 Resp: 692859
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 21.2 16.6 25.0

