

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136439.D
 Acq On : 06 Dec 2023 20:55
 Operator : CG\JU
 Sample : 05602-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 00:56:06 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	95548	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	333282	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	147024	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	282484	20.000	ng	0.00
76) Chrysene-d12	13.980	240	182789	20.000	ng	0.00
86) Perylene-d12	15.457	264	159793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	619165	95.701	ng	0.00
7) Phenol-d6	6.439	99	729527	90.376	ng	0.00
23) Nitrobenzene-d5	7.363	82	416163	67.504	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	181177	99.942	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	768228	71.298	ng	0.00
79) Terphenyl-d14	12.921	244	874102	63.029	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	104831	40.966	ng	99
3) Pyridine	3.357	79	250348	40.397	ng	97
4) n-Nitrosodimethylamine	3.322	42	125280	46.531	ng	99
6) Aniline	6.481	93	310107	38.014	ng	96
8) 2-Chlorophenol	6.587	128	310869	44.013	ng	98
9) Benzaldehyde	6.351	77	120432	27.371	ng	98
10) Phenol	6.457	94	378771	44.097	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	284267	44.400	ng	99
12) 1,3-Dichlorobenzene	6.739	146	326390	41.091	ng	97
13) 1,4-Dichlorobenzene	6.816	146	335150	41.594	ng	97
14) 1,2-Dichlorobenzene	6.969	146	311856	41.158	ng	99
15) Benzyl Alcohol	6.945	79	234631	43.407	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	348403	42.310	ng	97
17) 2-Methylphenol	7.057	107	229466	40.213	ng	98
18) Hexachloroethane	7.310	117	101656	36.135	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	189501	40.697	ng	98
20) 3+4-Methylphenols	7.210	107	284596	40.181	ng	91
22) Acetophenone	7.210	105	415596	50.498	ng	100
24) Nitrobenzene	7.381	77	281238	45.348	ng	98
25) Isophorone	7.616	82	507438	45.814	ng	100
26) 2-Nitrophenol	7.692	139	140824	46.188	ng	98
27) 2,4-Dimethylphenol	7.734	122	211312	56.207	ng	95
28) bis(2-Chloroethoxy)met...	7.828	93	326659	47.996	ng	100
29) 2,4-Dichlorophenol	7.939	162	225386	45.419	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	253361	43.786	ng	99
31) Naphthalene	8.098	128	809776	44.059	ng	99
32) Benzoic acid	7.857	122	162648	43.611	ng	98
33) 4-Chloroaniline	8.151	127	208400	31.805	ng	98
34) Hexachlorobutadiene	8.216	225	146831	42.817	ng	98
35) Caprolactam	8.516	113	49086	32.121	ng	94
36) 4-Chloro-3-methylphenol	8.633	107	221252	41.992	ng	98
37) 2-Methylnaphthalene	8.792	142	484971	41.477	ng	96
38) 1-Methylnaphthalene	8.892	142	461977	40.264	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	236919	51.795	ng	99
41) Hexachlorocyclopentadiene	8.939	237	61702	36.411	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	145552	48.870	ng	99

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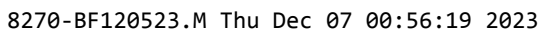
Instrument :
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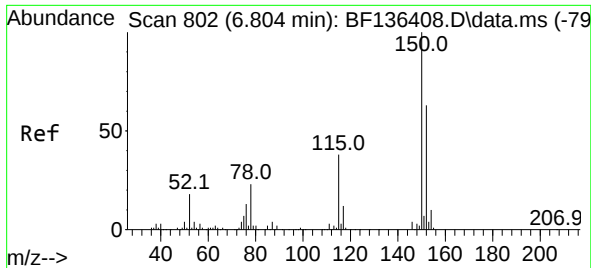
Quant Time: Dec 07 00:56:06 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	155806	46.871	ng	98
46) 1,1'-Biphenyl	9.257	154	625328	49.985	ng	98
47) 2-Chloronaphthalene	9.281	162	462389	47.488	ng	99
48) 2-Nitroaniline	9.380	65	134378	51.456	ng	91
49) Acenaphthylene	9.698	152	701447	50.571	ng	99
50) Dimethylphthalate	9.557	163	517600	47.818	ng	99
51) 2,6-Dinitrotoluene	9.622	165	107893	44.306	ng	99
52) Acenaphthene	9.869	154	411359	46.280	ng	97
53) 3-Nitroaniline	9.792	138	117534	47.264	ng	97
54) 2,4-Dinitrophenol	9.898	184	43740	35.525	ng	92
55) Dibenzofuran	10.039	168	616326	47.465	ng	99
56) 4-Nitrophenol	9.957	139	189652	101.735	ng	99
57) 2,4-Dinitrotoluene	10.028	165	138678	43.048	ng	99
58) Fluorene	10.386	166	482064	46.248	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	129541	48.651	ng	100
60) Diethylphthalate	10.263	149	482361	45.318	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	231564	45.572	ng	93
62) 4-Nitroaniline	10.404	138	121581	49.239	ng	94
63) Azobenzene	10.539	77	437198	45.127	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	30867	17.644	ng	96
66) n-Nitrosodiphenylamine	10.498	169	421502	46.501	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	142511	43.391	ng	93
68) Hexachlorobenzene	10.933	284	169888	44.755	ng	96
69) Atrazine	11.033	200	134767	52.092	ng	98
70) Pentachlorophenol	11.133	266	194948	90.997	ng	99
71) Phenanthrene	11.351	178	740303	47.680	ng	100
72) Anthracene	11.404	178	767593	49.083	ng	98
73) Carbazole	11.563	167	674419	48.725	ng	99
74) Di-n-butylphthalate	11.898	149	769444	45.346	ng	100
75) Fluoranthene	12.545	202	790571	48.588	ng	99
77) Benzidine	12.674	184	456438	71.098	ng	98
78) Pyrene	12.774	202	805500	44.996	ng	99
80) Butylbenzylphthalate	13.404	149	318853	50.035	ng	98
81) Benzo(a)anthracene	13.968	228	598967	47.043	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	232004	64.989	ng	100
83) Chrysene	14.010	228	579113	46.229	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	405197	51.867	ng	98
85) Di-n-octyl phthalate	14.580	149	657433	56.972	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	435140	39.198	ng	99
88) Benzo(b)fluoranthene	15.027	252	491115	44.951	ng	99
89) Benzo(k)fluoranthene	15.057	252	465004	45.162	ng	99
90) Benzo(a)pyrene	15.398	252	410699	45.518	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	375827	41.325	ng	98
92) Benzo(g,h,i)perylene	17.427	276	333954	35.776	ng	100

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

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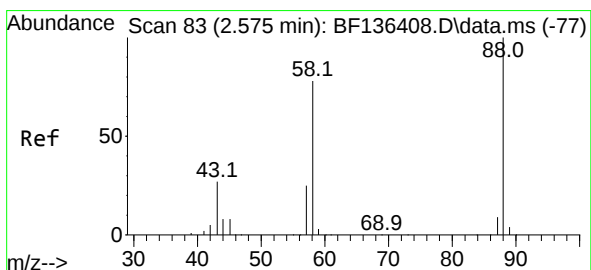
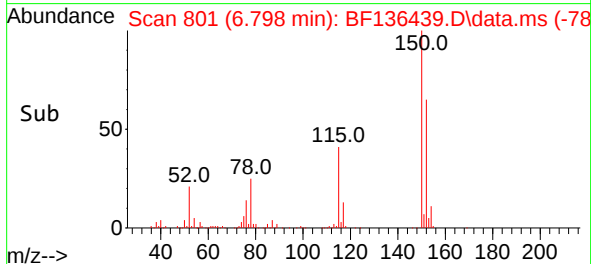
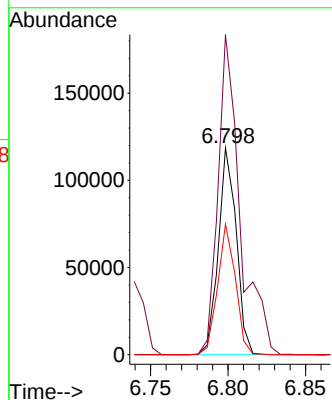
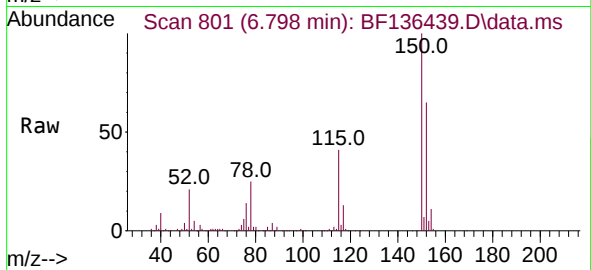




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55

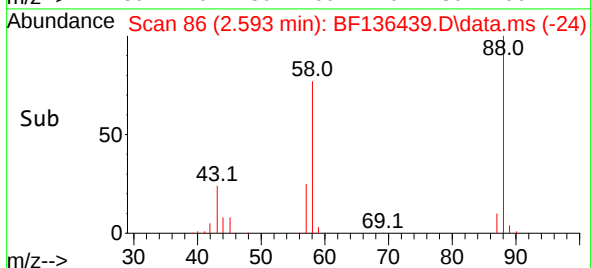
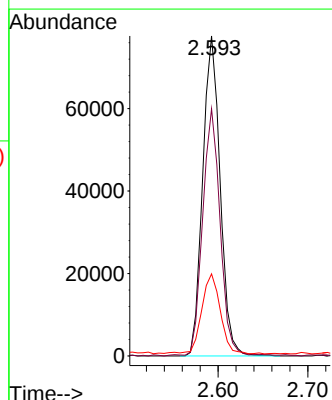
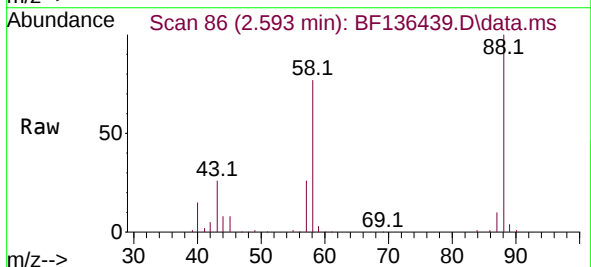
Instrument :
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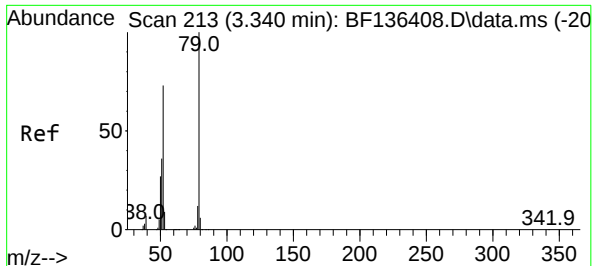
Tgt Ion:152 Resp: 95548
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.4 189.6
 115 63.1 48.2 72.4



#2
 1,4-Dioxane
 Concen: 40.966 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.018 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55

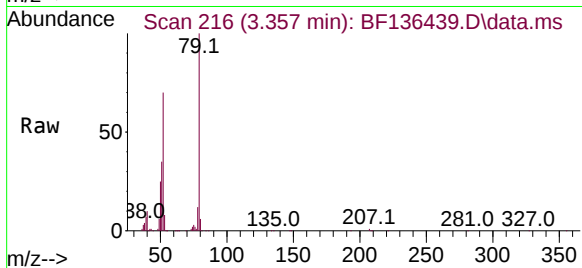
Tgt Ion: 88 Resp: 104831
 Ion Ratio Lower Upper
 88 100
 58 77.3 62.2 93.2
 43 26.4 21.5 32.3



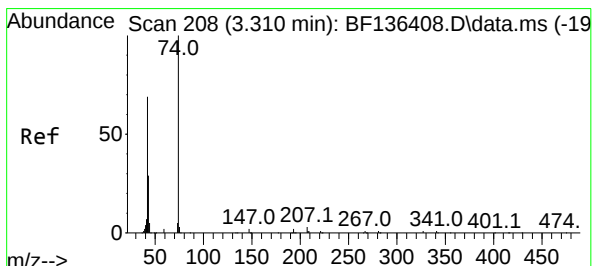
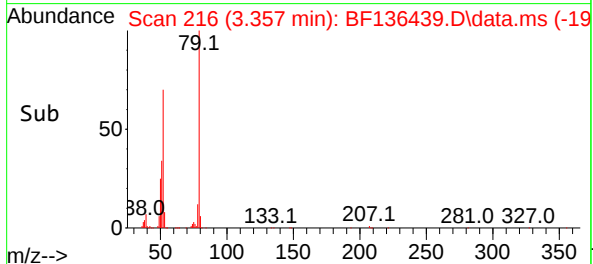
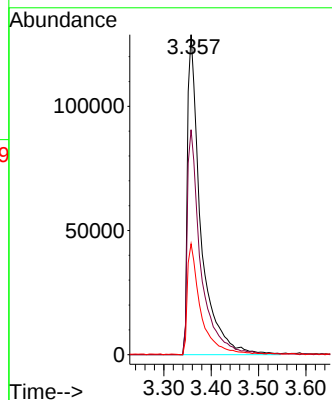


#3
Pyridine
Concen: 40.397 ng
RT: 3.357 min Scan# 213
Delta R.T. 0.018 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Instrument :
BNA_F
ClientSampleId :

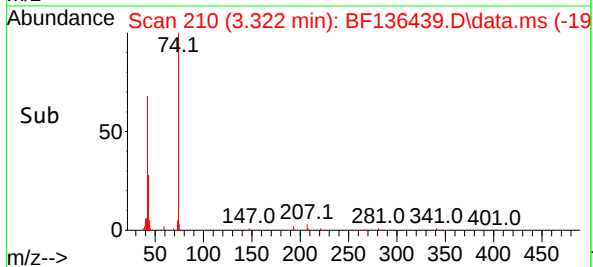
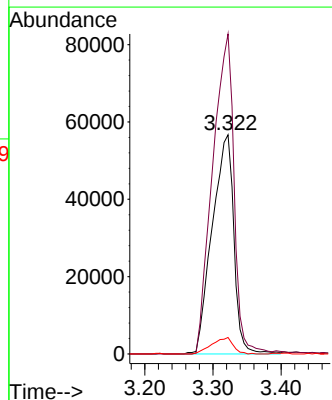
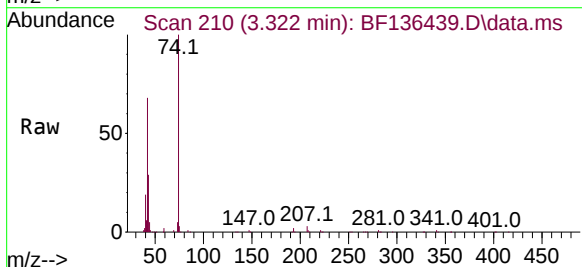


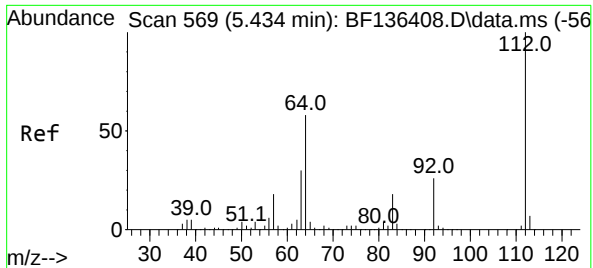
Tgt Ion: 79 Resp: 250348
Ion Ratio Lower Upper
79 100
52 70.3 58.2 87.2
51 34.7 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 46.531 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.012 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion: 42 Resp: 125280
Ion Ratio Lower Upper
42 100
74 146.0 115.4 173.0
44 7.6 6.2 9.2

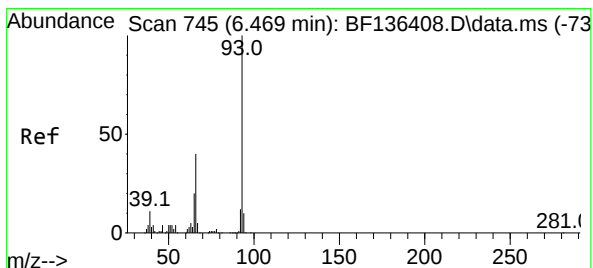
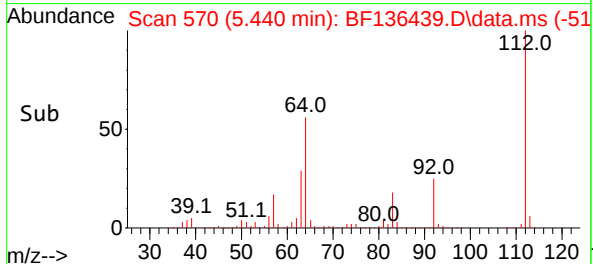
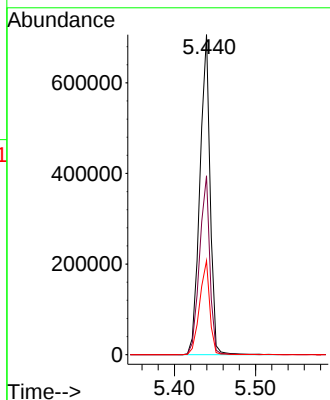
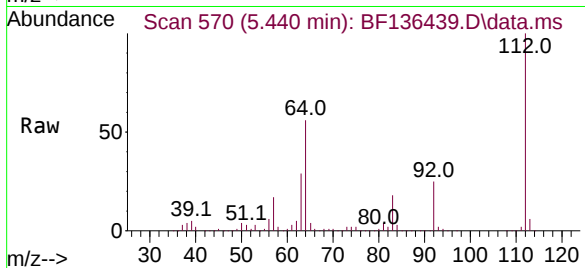




#5
2-Fluorophenol
Concen: 95.701 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

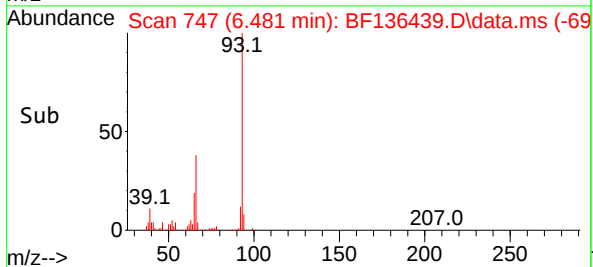
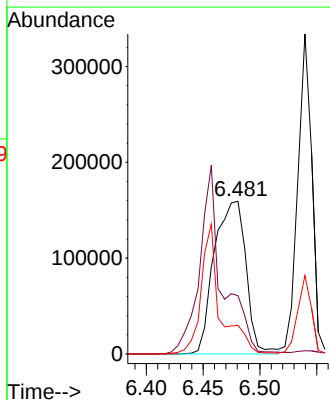
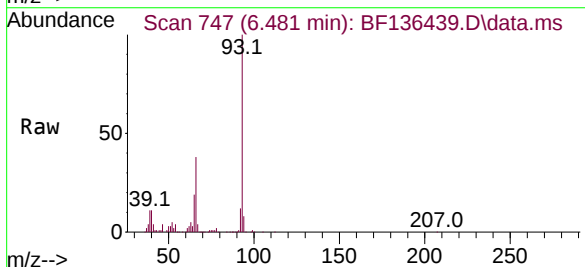
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BNA_F
ClientSampleId :

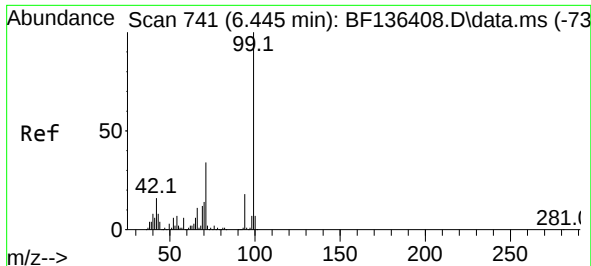
Tgt Ion:112 Resp: 619165
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 29.3 23.9 35.9



#6
Aniline
Concen: 38.014 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion: 93 Resp: 310107
Ion Ratio Lower Upper
93 100
66 38.2 32.5 48.7
65 18.7 16.4 24.6

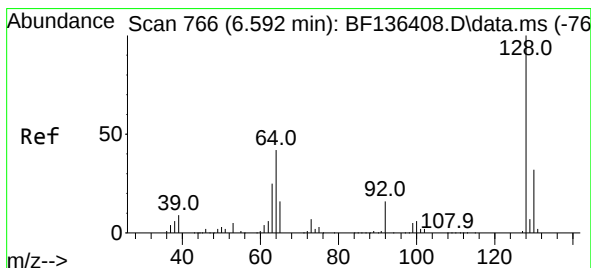
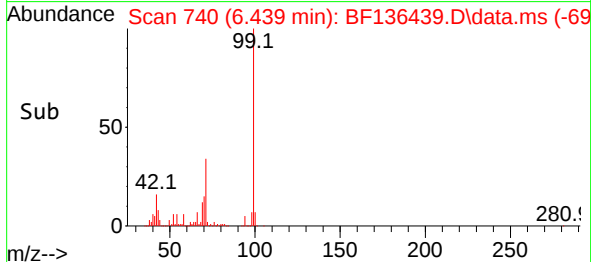
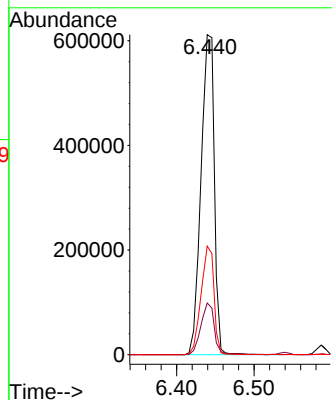
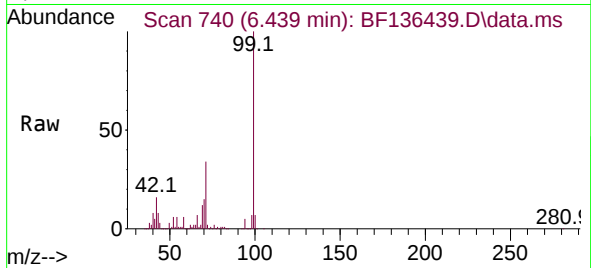




#7
Phenol-d6
Concen: 90.376 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

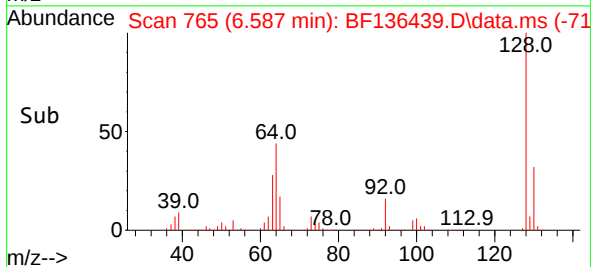
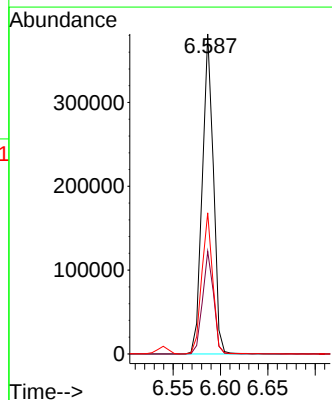
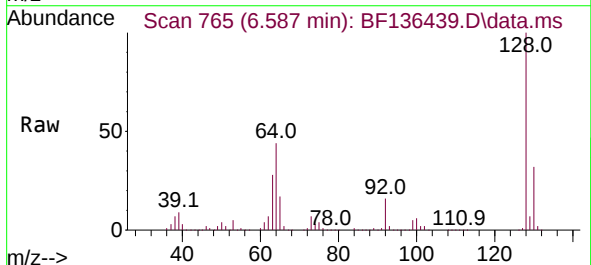
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ClientSampleId :

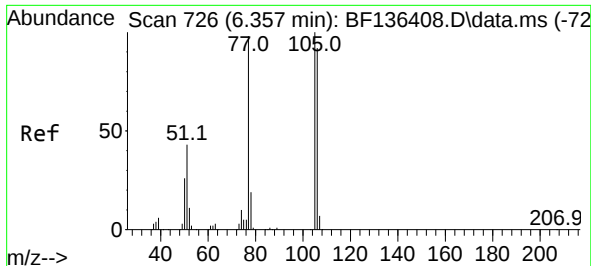
Tgt Ion: 99 Resp: 729527
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 33.9 27.0 40.4



#8
2-Chlorophenol
Concen: 44.013 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

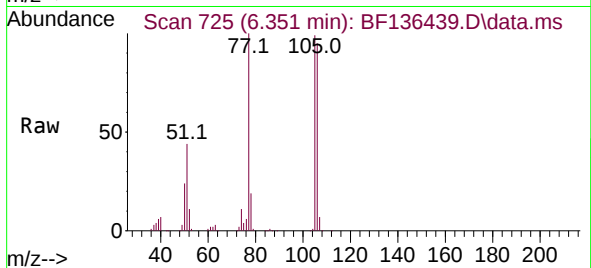
Tgt Ion: 128 Resp: 310869
Ion Ratio Lower Upper
128 100
130 32.1 11.7 51.7
64 44.1 22.5 62.5



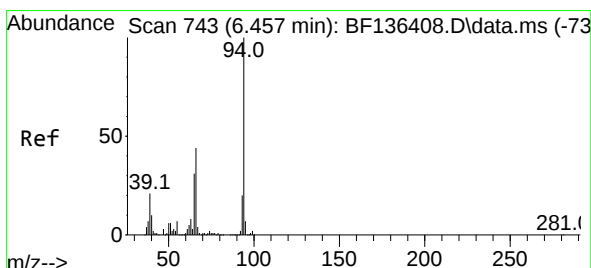
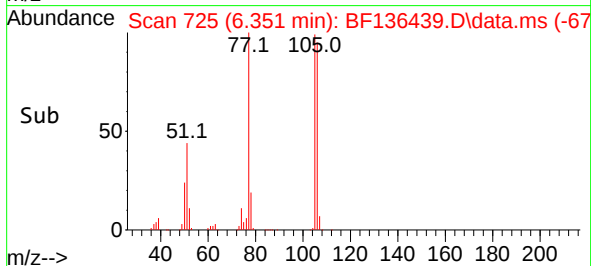
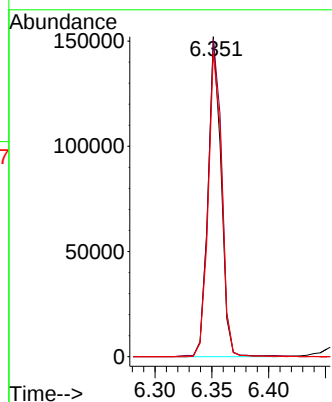


#9
Benzaldehyde
Concen: 27.371 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Instrument :
BNA_F
ClientSampleId :

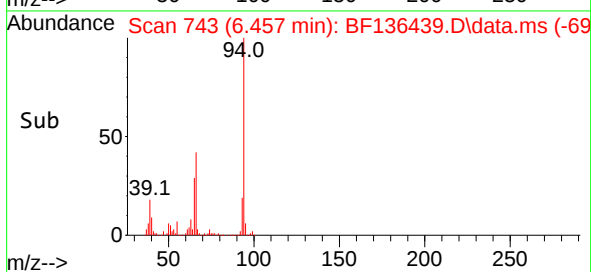
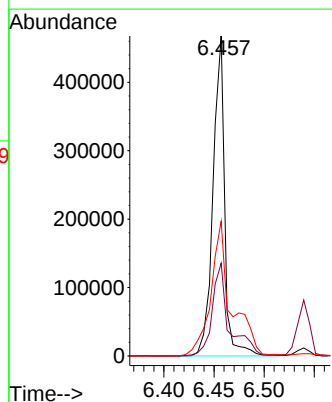
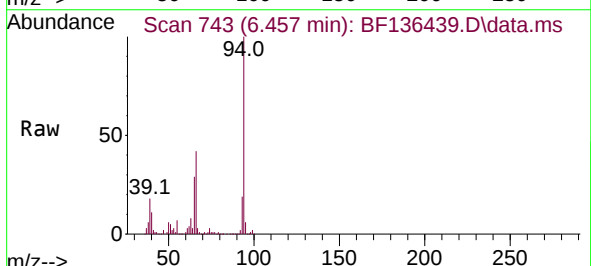


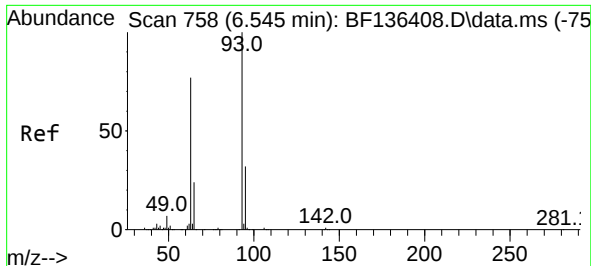
Tgt Ion: 77 Resp: 120432
Ion Ratio Lower Upper
77 100
105 99.3 82.5 122.5
106 94.9 74.5 114.5



#10
Phenol
Concen: 44.097 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion: 94 Resp: 378771
Ion Ratio Lower Upper
94 100
65 29.0 11.2 51.2
66 42.1 24.2 64.2

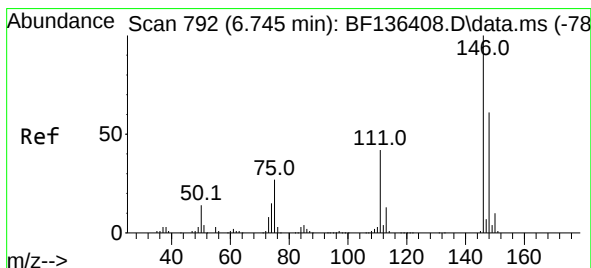
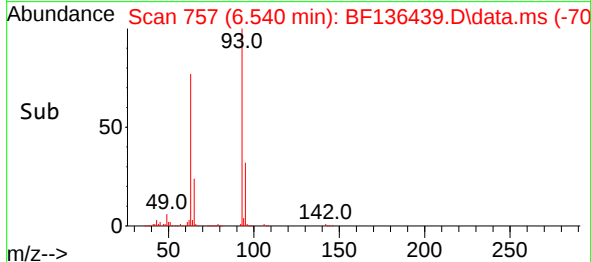
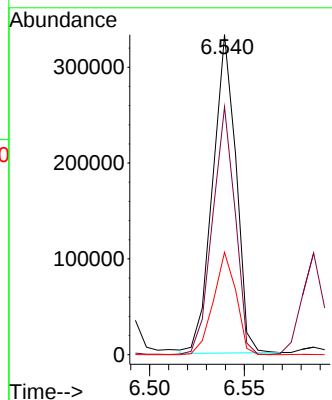
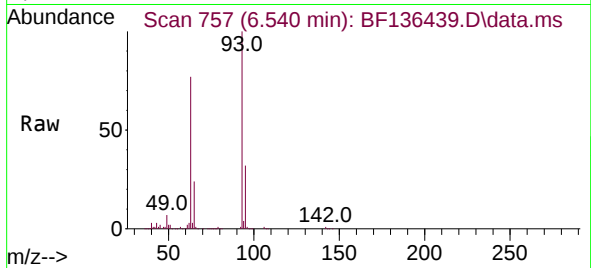




#11
bis(2-Chloroethyl)ether
Concen: 44.400 ng
RT: 6.540 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

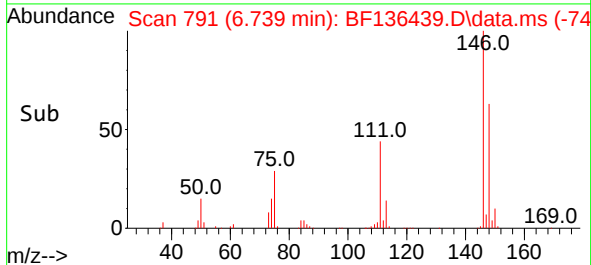
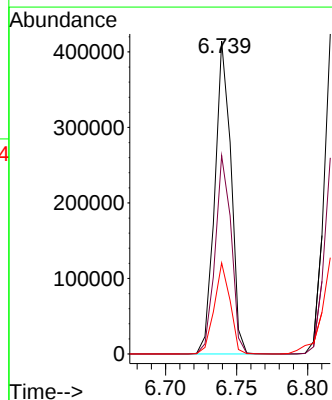
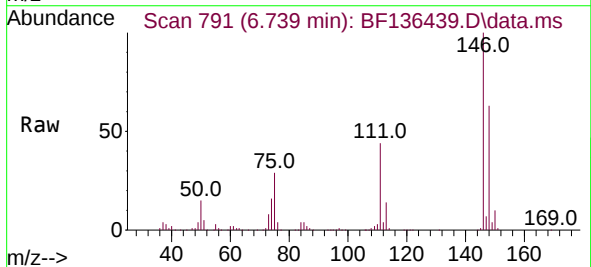
Instrument :
BNA_F
ClientSampleId :

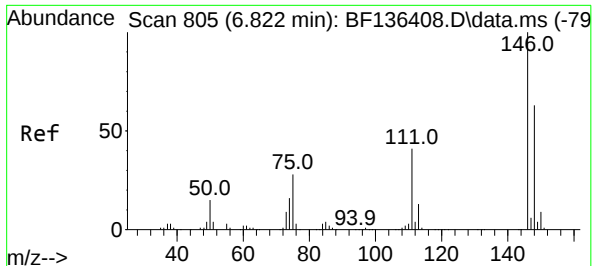
Tgt Ion: 93 Resp: 284267
Ion Ratio Lower Upper
93 100
63 77.4 56.8 96.8
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.091 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:146 Resp: 326390
Ion Ratio Lower Upper
146 100
148 63.4 49.0 73.6
75 29.1 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 41.594 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

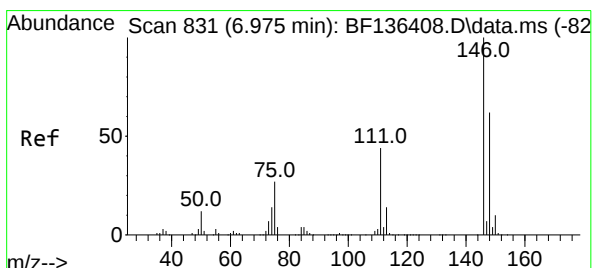
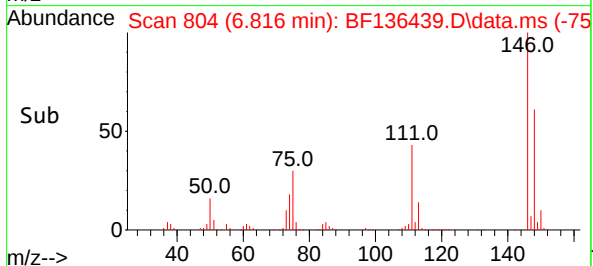
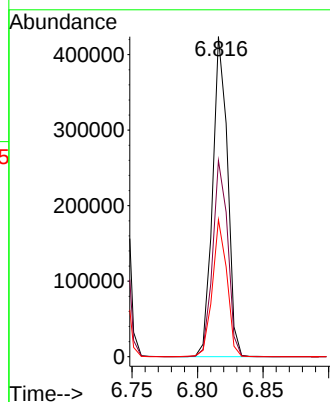
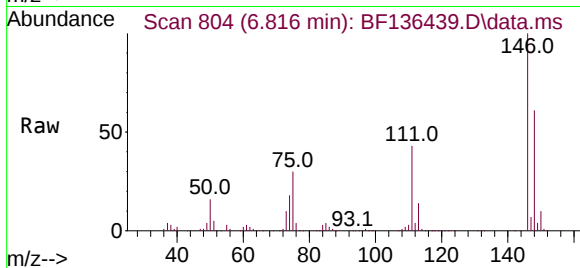
Tgt Ion:146 Resp: 335150

Ion Ratio Lower Upper

146 100

148 61.3 50.3 75.5

111 42.8 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 41.158 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

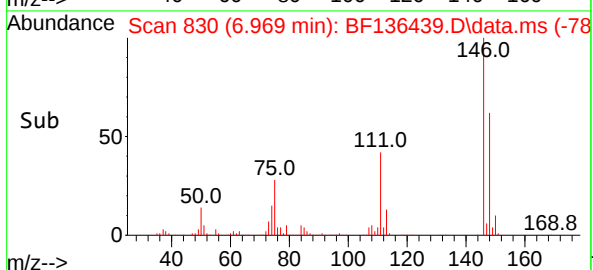
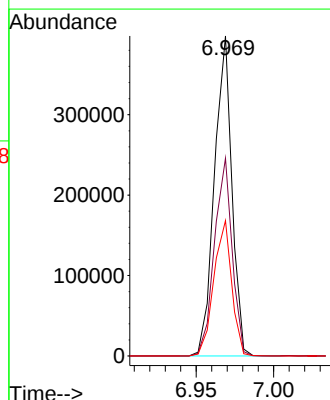
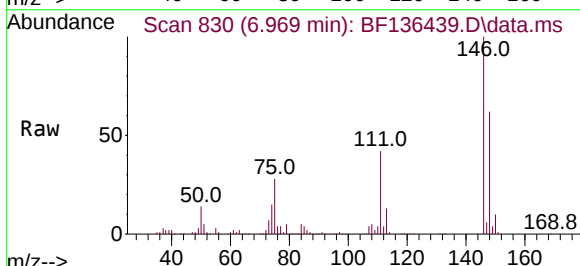
Tgt Ion:146 Resp: 311856

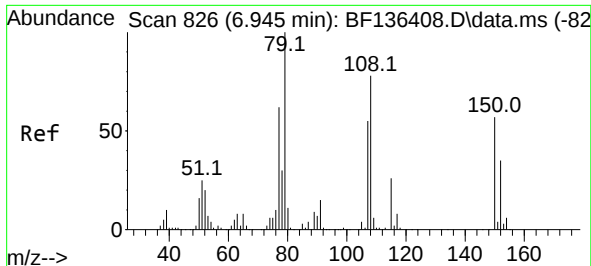
Ion Ratio Lower Upper

146 100

148 61.8 49.8 74.6

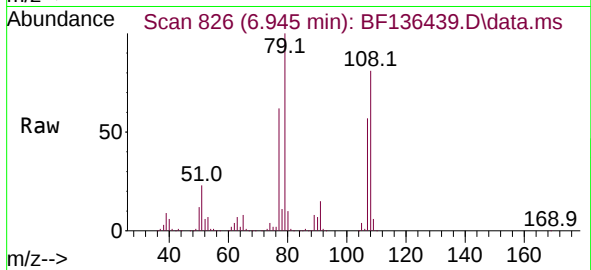
111 42.3 34.9 52.3



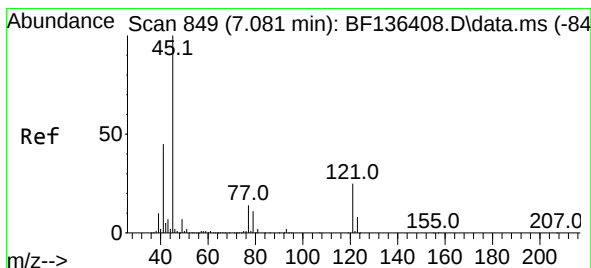
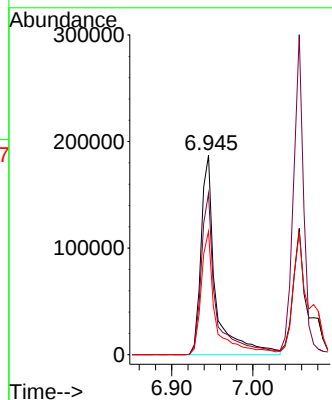
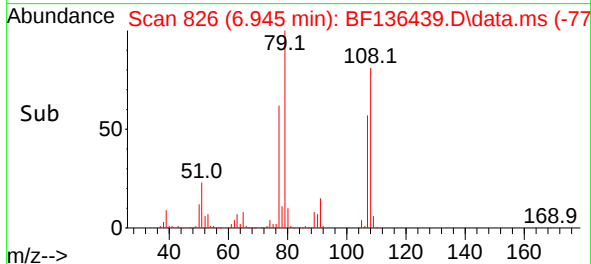


#15
Benzyl Alcohol
Concen: 43.407 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Instrument :
BNA_F
ClientSampleId :

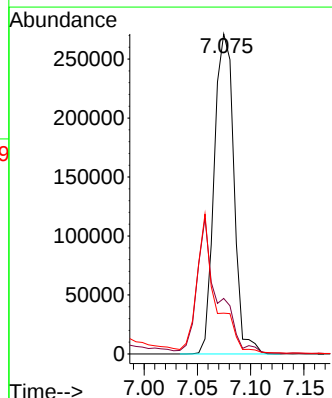
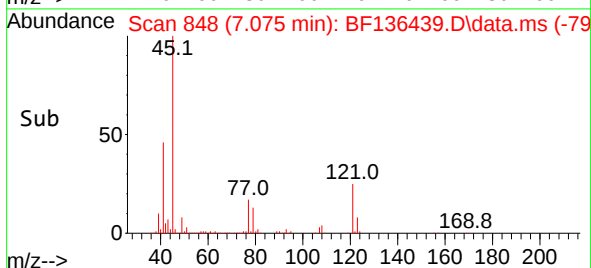
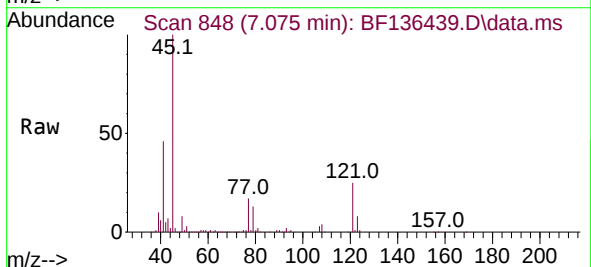


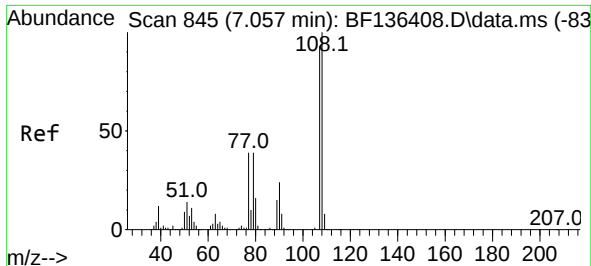
Tgt Ion: 79 Resp: 234631
Ion Ratio Lower Upper
79 100
108 80.9 62.3 93.5
77 61.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.310 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

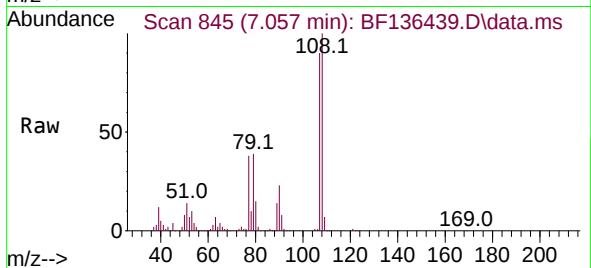
Tgt Ion: 45 Resp: 348403
Ion Ratio Lower Upper
45 100
77 17.3 0.0 35.3
79 12.8 0.0 32.5



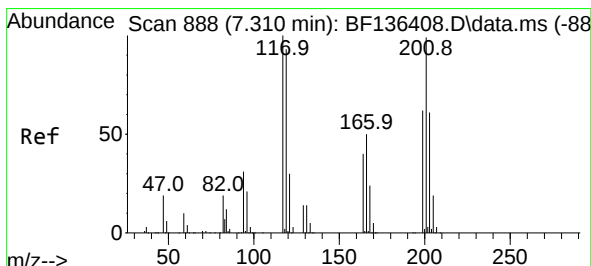
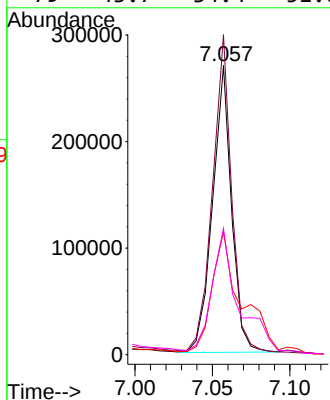
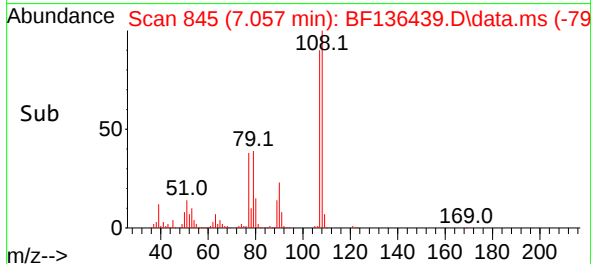


#17
2-Methylphenol
Concen: 40.213 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Instrument :
BNA_F
ClientSampleId :

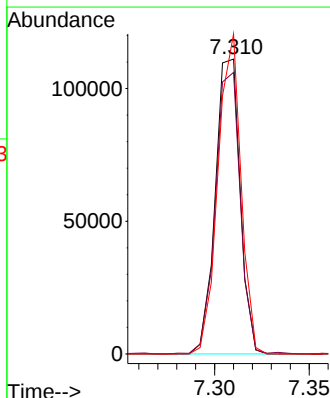
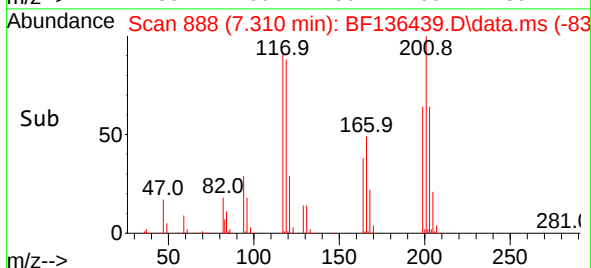
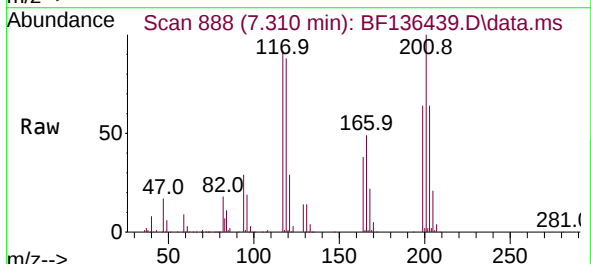


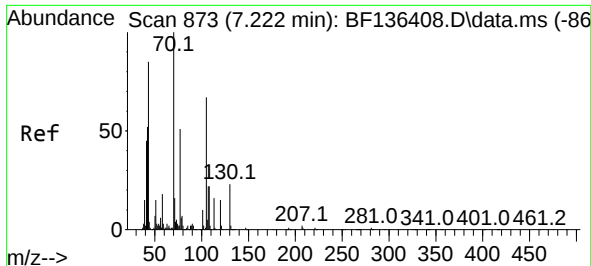
Tgt Ion:	107	Resp:	229466
Ion	Ratio	Lower	Upper
107	100		
108	110.7	86.5	129.7
77	42.5	33.8	50.8
79	43.7	34.4	51.6



#18
Hexachloroethane
Concen: 36.135 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

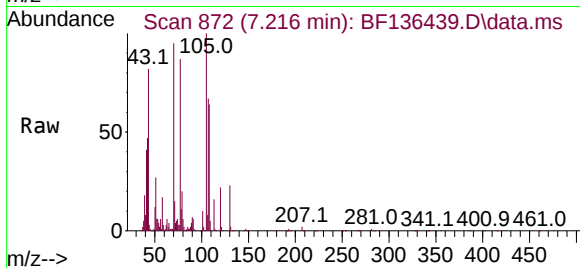
Tgt Ion:	117	Resp:	101656
Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.3	111.5
201	108.5	79.3	118.9



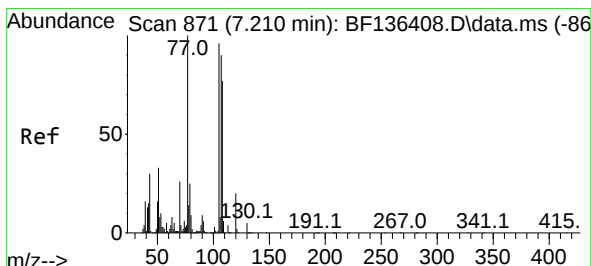
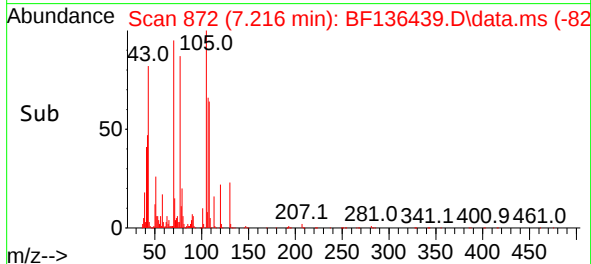
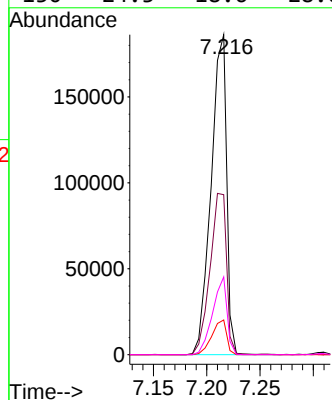


#19
n-Nitroso-di-n-propylamine
Concen: 40.697 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Instrument :
BNA_F
ClientSampleId :

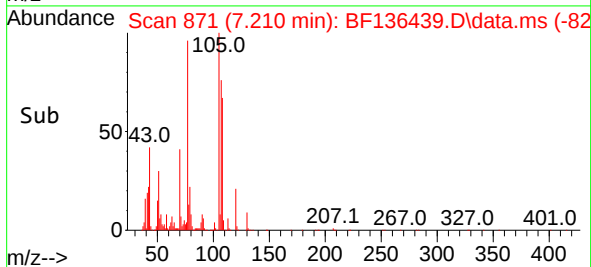
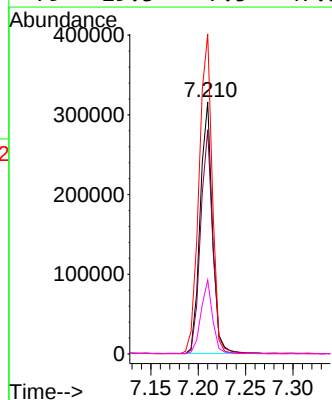
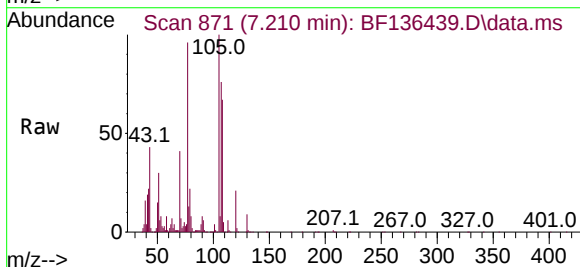


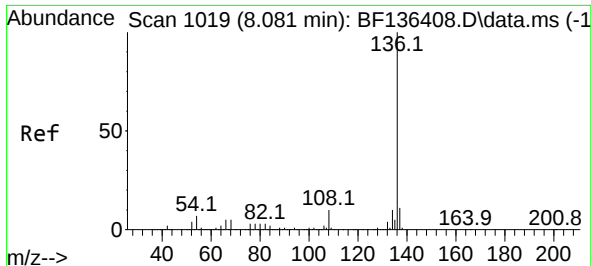
Tgt Ion: 70 Resp: 189501
Ion Ratio Lower Upper
70 100
42 50.0 41.4 62.0
101 10.9 8.2 12.4
130 24.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 40.181 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion: 107 Resp: 284596
Ion Ratio Lower Upper
107 100
108 89.0 65.9 105.9
77 127.0 91.7 131.7
79 29.3 7.5 47.5

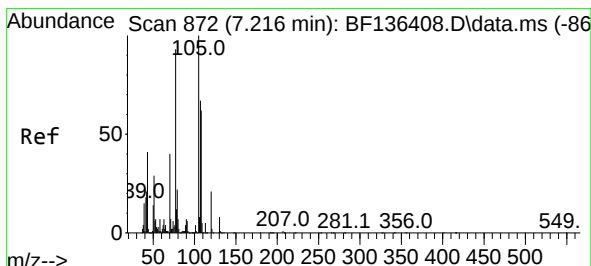
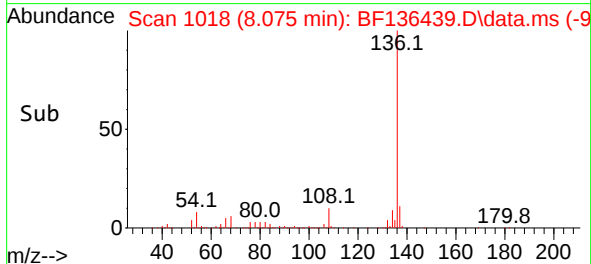
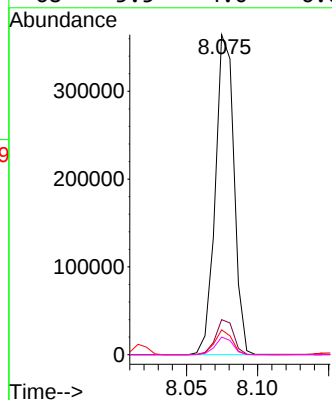
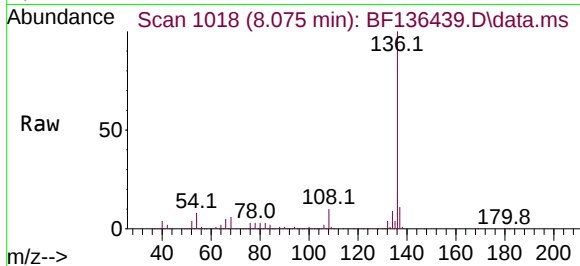




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

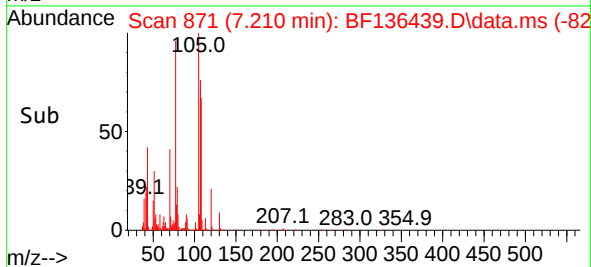
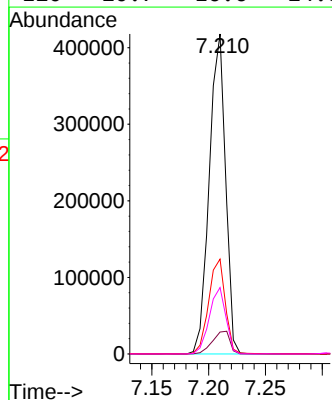
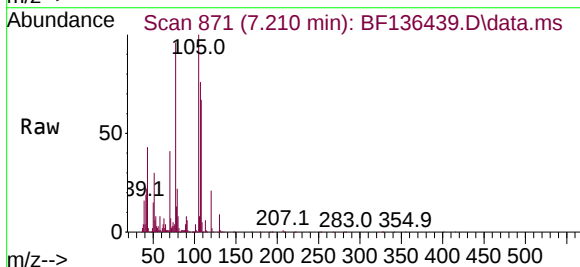
Instrument :
BNA_F
ClientSampleId :

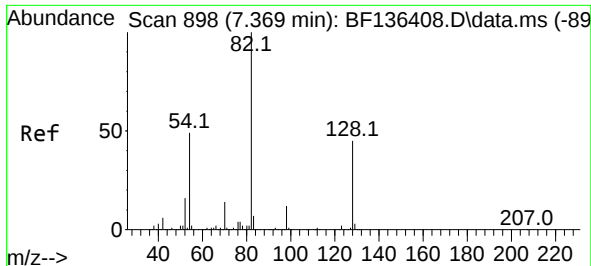
Tgt Ion:136 Resp: 333282
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.8 5.7 8.5
68 5.5 4.0 6.0



#22
Acetophenone
Concen: 50.498 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:105 Resp: 415596
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.0
51 29.7 23.4 35.2
120 20.7 16.6 24.8





#23

Nitrobenzene-d5

Concen: 67.504 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

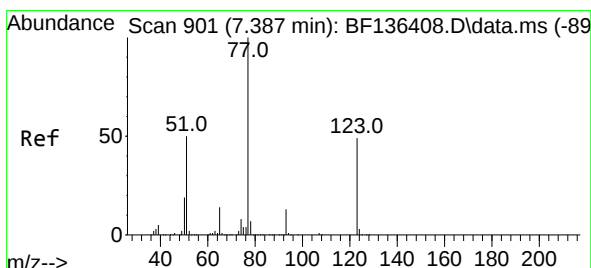
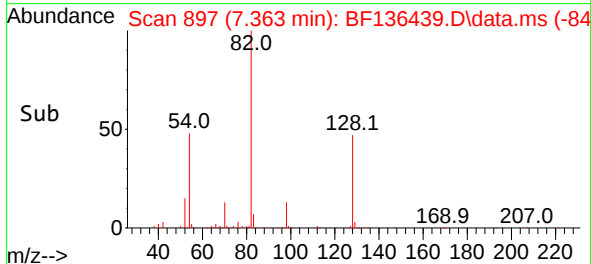
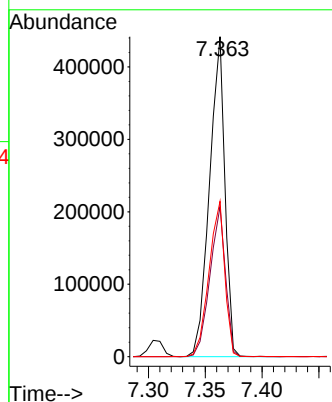
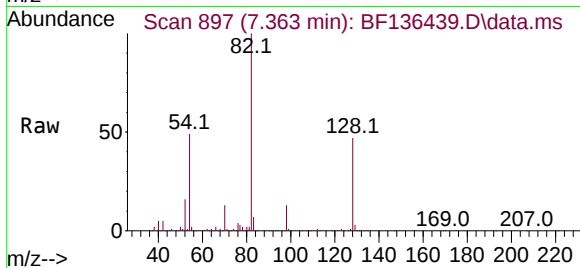
Tgt Ion: 82 Resp: 416163

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

54 48.5 39.0 58.6



#24

Nitrobenzene

Concen: 45.348 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

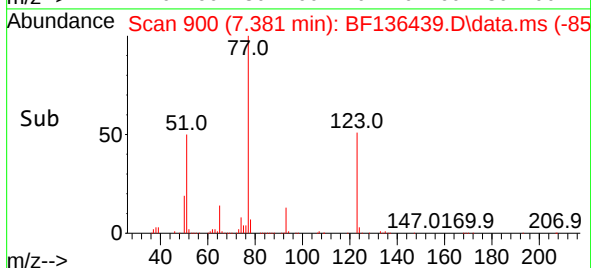
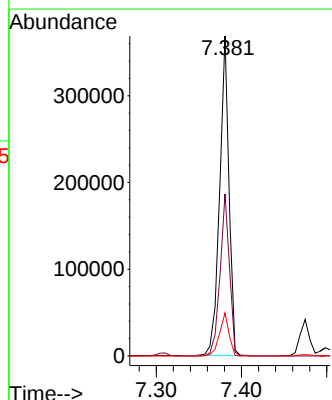
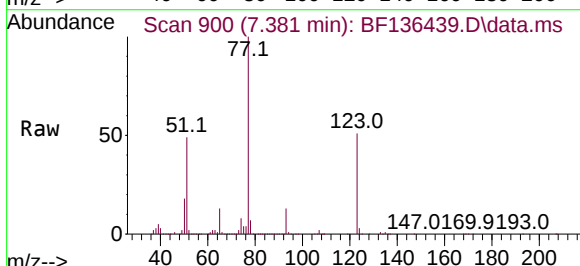
Tgt Ion: 77 Resp: 281238

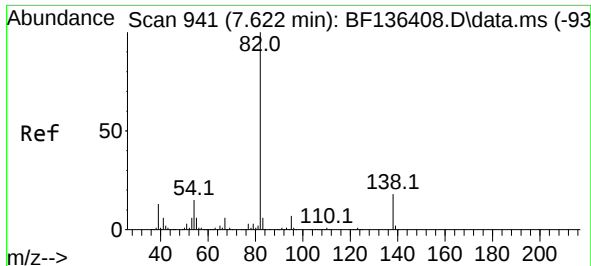
Ion Ratio Lower Upper

77 100

123 50.7 39.0 58.6

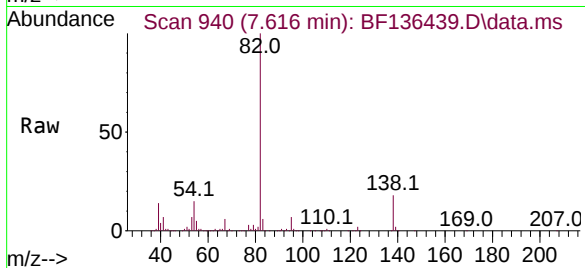
65 13.4 11.3 16.9



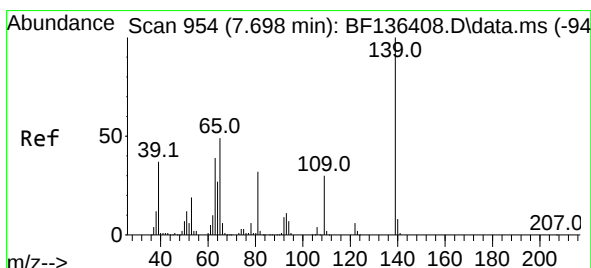
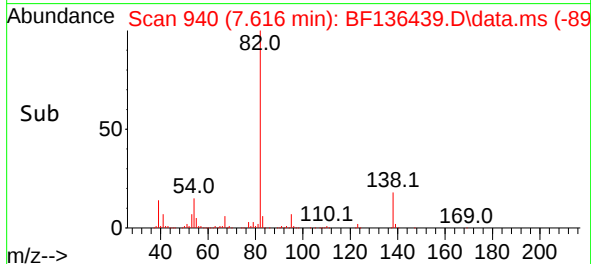
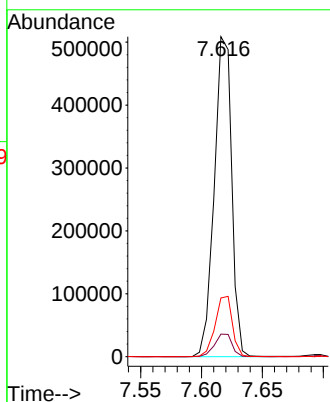


#25
Isophorone
Concen: 45.814 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Instrument :
BNA_F
ClientSampleId :

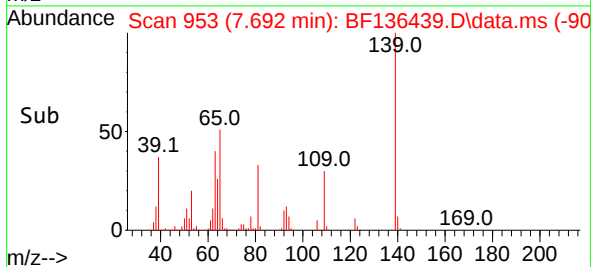
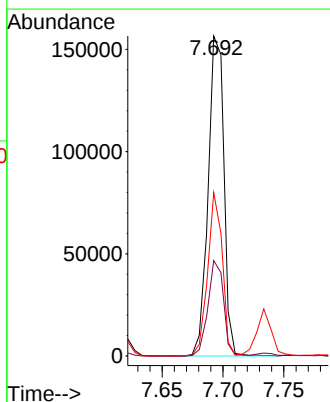
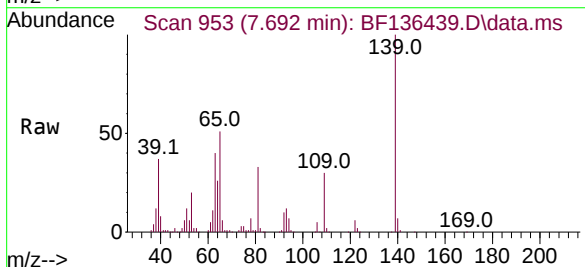


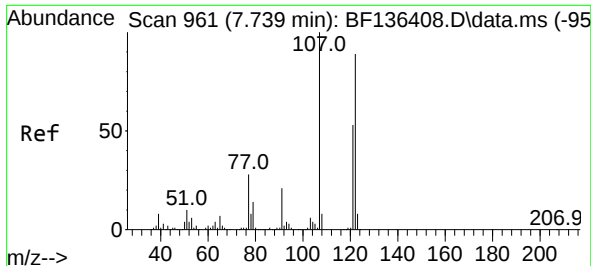
Tgt Ion: 82 Resp: 507438
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.4 14.5 21.7



#26
2-Nitrophenol
Concen: 46.188 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

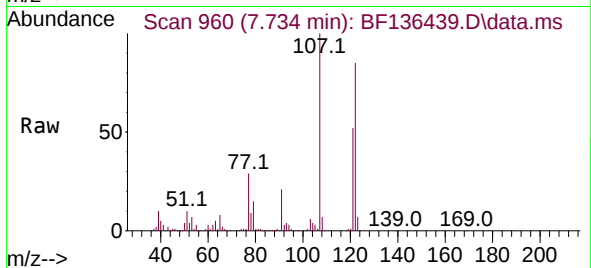
Tgt Ion: 139 Resp: 140824
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 51.1 39.4 59.2



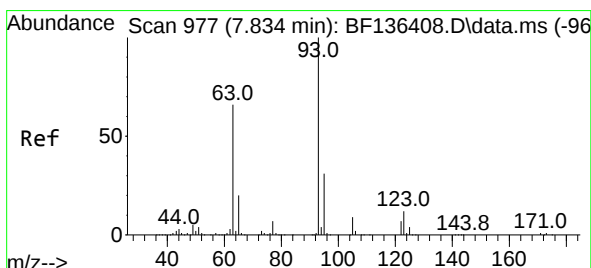
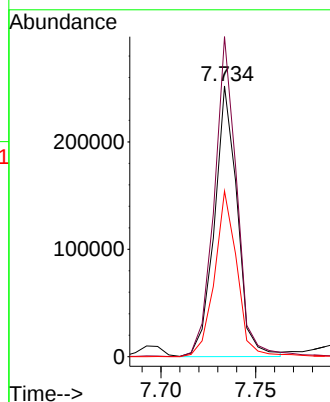
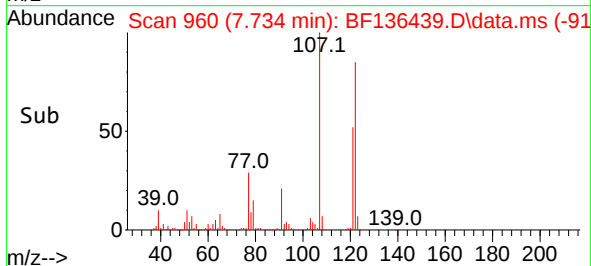


#27
2,4-Dimethylphenol
Concen: 56.207 ng
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Instrument :
BNA_F
ClientSampleId :

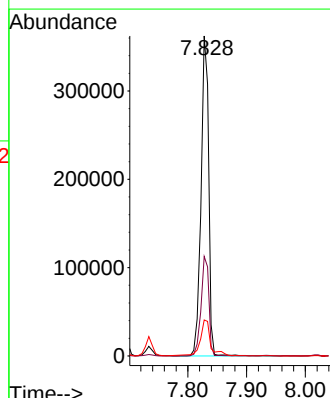
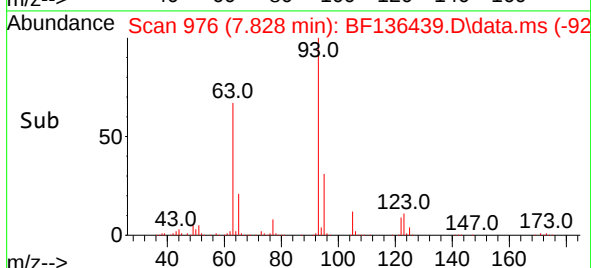
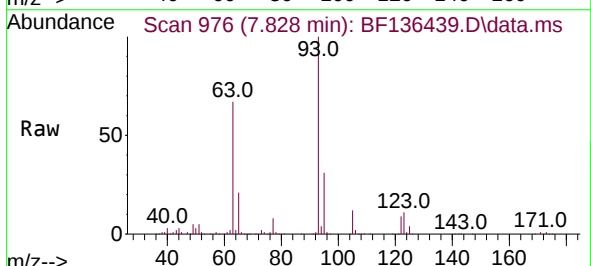


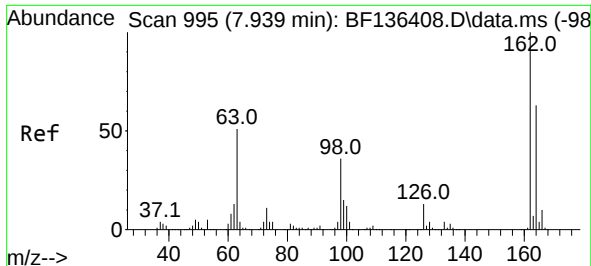
Tgt Ion:122 Resp: 211312
Ion Ratio Lower Upper
122 100
107 118.2 89.3 133.9
121 61.2 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.996 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

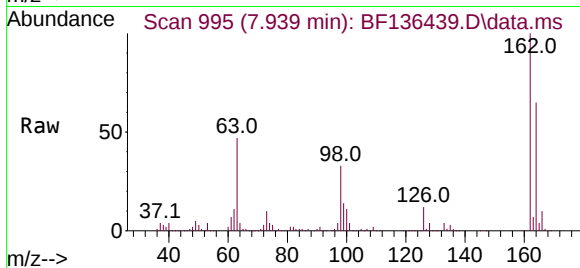
Tgt Ion: 93 Resp: 326659
Ion Ratio Lower Upper
93 100
95 31.1 25.0 37.4
123 11.2 9.4 14.0



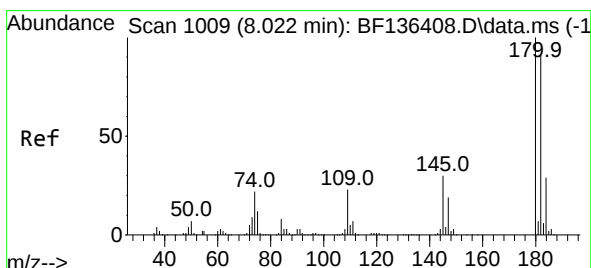
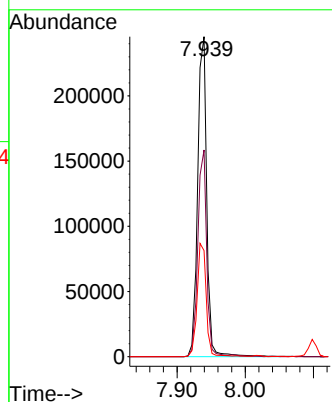
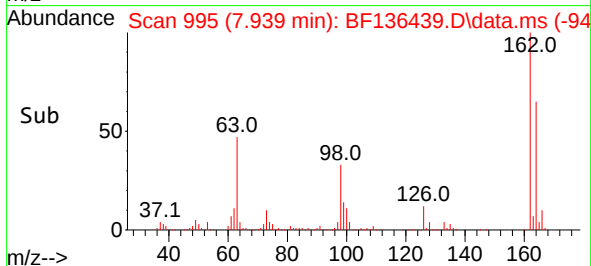


#29
2,4-Dichlorophenol
Concen: 45.419 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

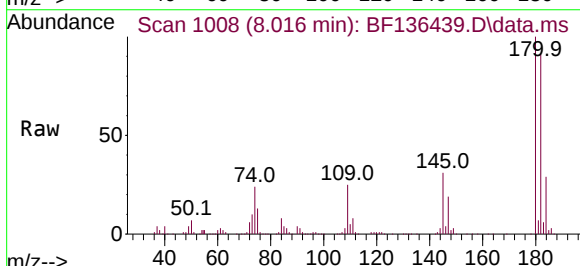
Instrument :
BNA_F
ClientSampleId :



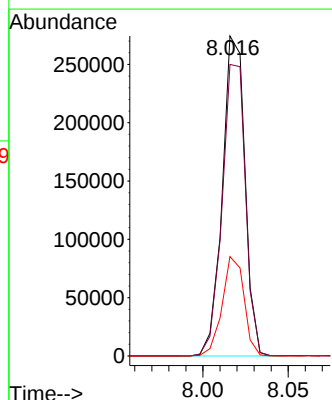
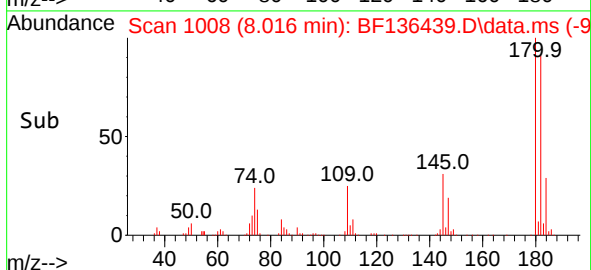
Tgt Ion:162 Resp: 225386
Ion Ratio Lower Upper
162 100
164 64.6 43.0 83.0
98 33.1 16.2 56.2

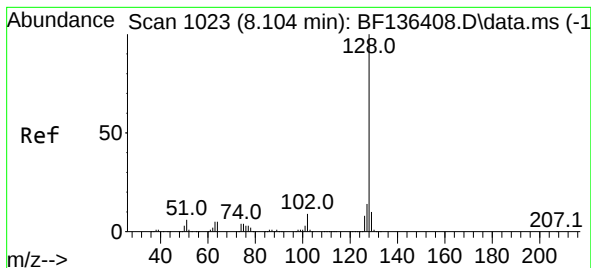


#30
1,2,4-Trichlorobenzene
Concen: 43.786 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:180 Resp: 253361
Ion Ratio Lower Upper
180 100
182 91.1 73.1 109.7
145 31.0 23.8 35.8





#31

Naphthalene

Concen: 44.059 ng

RT: 8.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

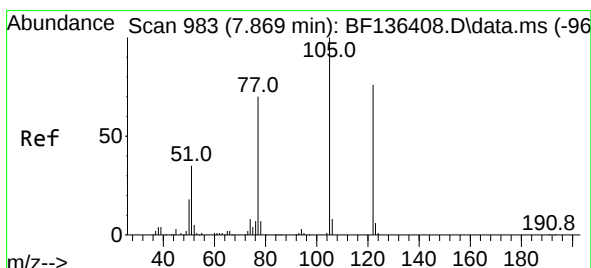
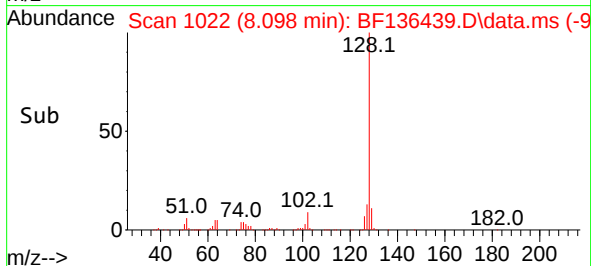
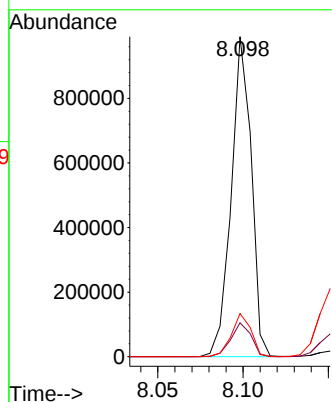
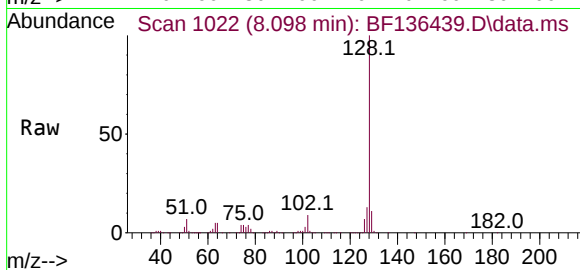
Tgt Ion:128 Resp: 809776

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

127 13.5 11.1 16.7



#32

Benzoic acid

Concen: 43.611 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.012 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

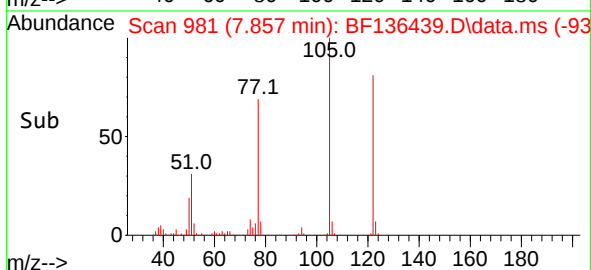
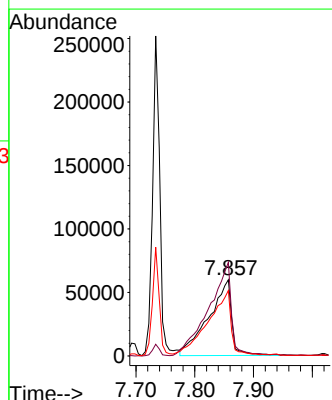
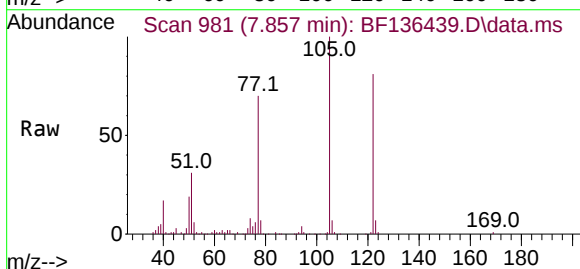
Tgt Ion:122 Resp: 162648

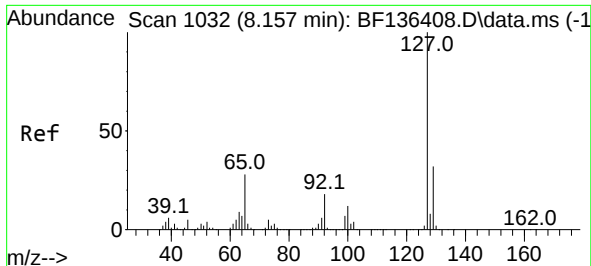
Ion Ratio Lower Upper

122 100

105 122.9 104.7 144.7

77 85.8 68.5 108.5



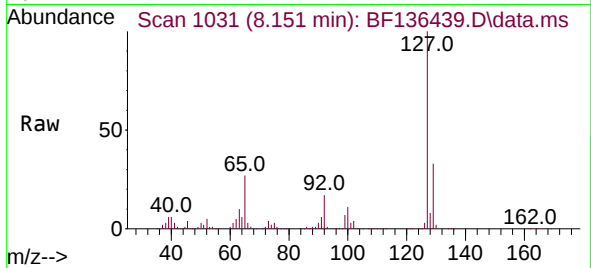


#33
4-Chloroaniline
Concen: 31.805 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

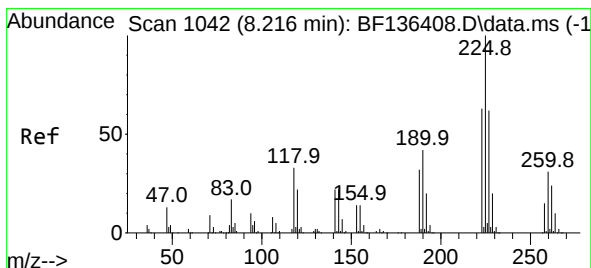
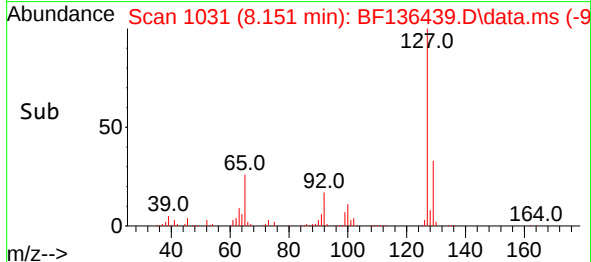
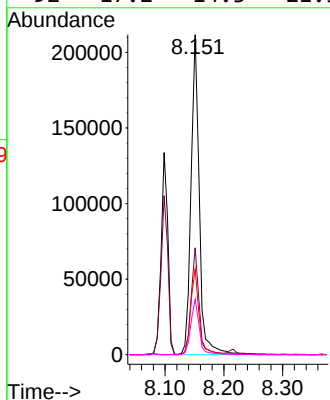
Instrument :

BNA_F

ClientSampleId :

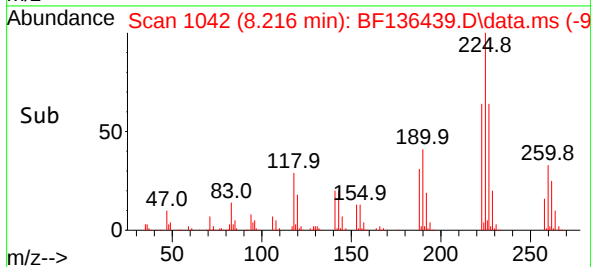
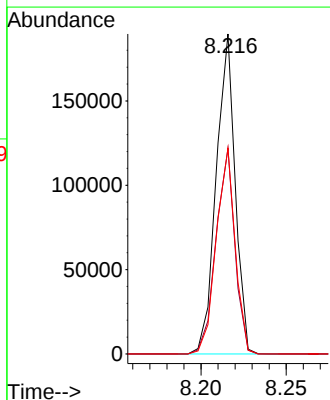
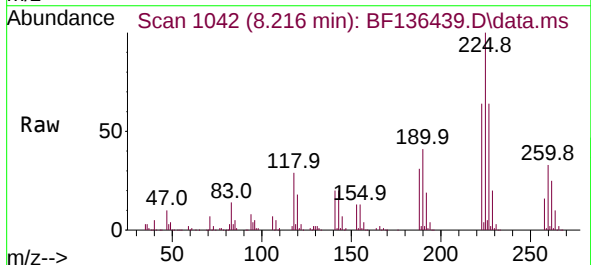


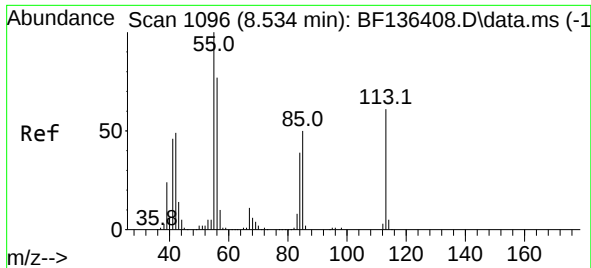
Tgt Ion:	127	Resp:	208400
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.4	38.2
65	26.7	22.5	33.7
92	17.2	14.3	21.5



#34
Hexachlorobutadiene
Concen: 42.817 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

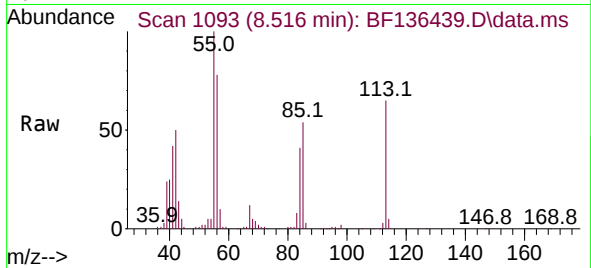
Tgt Ion:	225	Resp:	146831
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.8	76.2
227	64.3	49.8	74.8



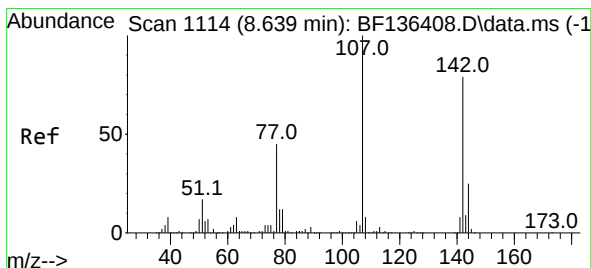
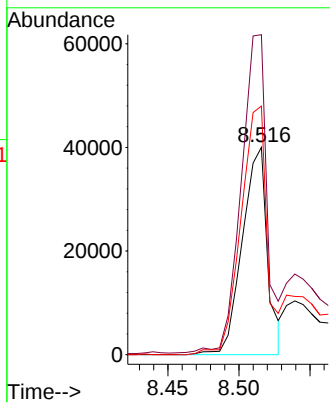
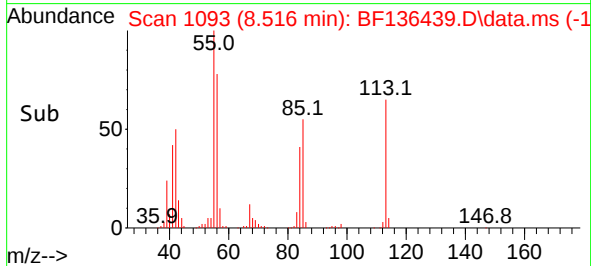


#35
 Caprolactam
 Concen: 32.121 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55

Instrument :
 BNA_F
 ClientSampleId :

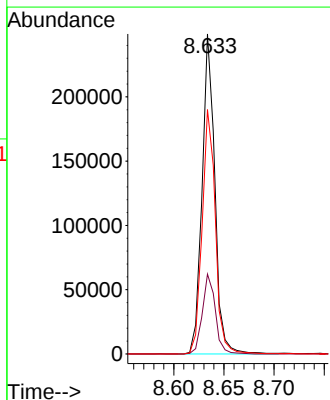
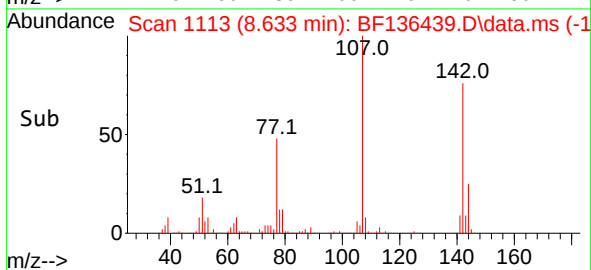
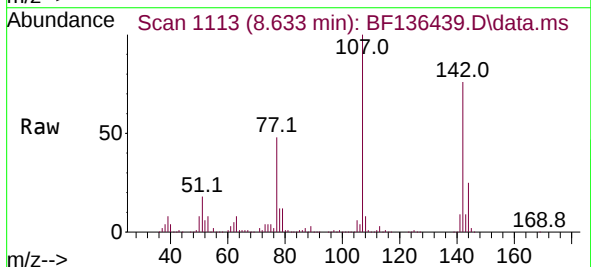


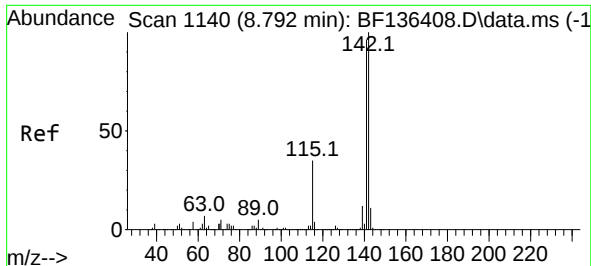
Tgt Ion:113 Resp: 49086
 Ion Ratio Lower Upper
 113 100
 55 154.3 143.7 183.7
 56 119.9 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.992 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55

Tgt Ion:107 Resp: 221252
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.1 30.1
 142 76.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 41.477 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

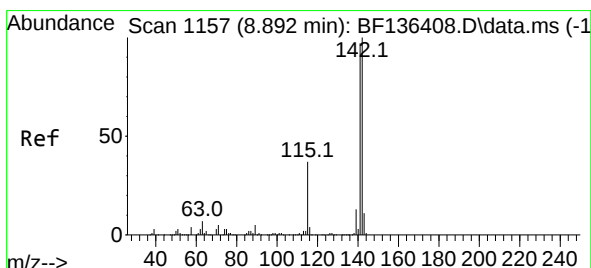
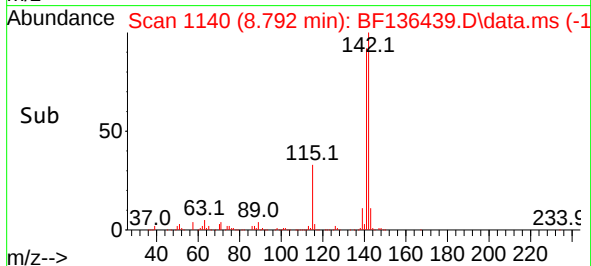
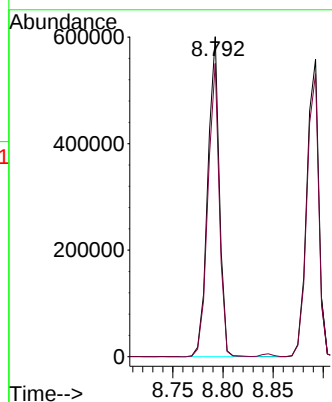
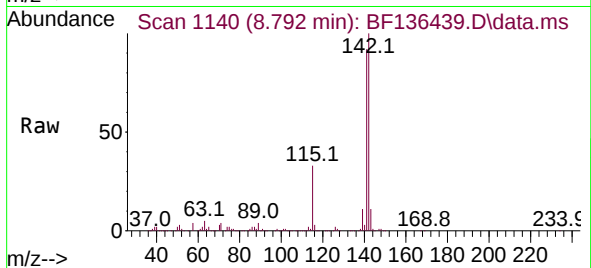
ClientSampleId :

Tgt Ion:142 Resp: 484971

Ion Ratio Lower Upper

142 100

141 91.6 76.4 114.6



#38

1-Methylnaphthalene

Concen: 40.264 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF136439.D

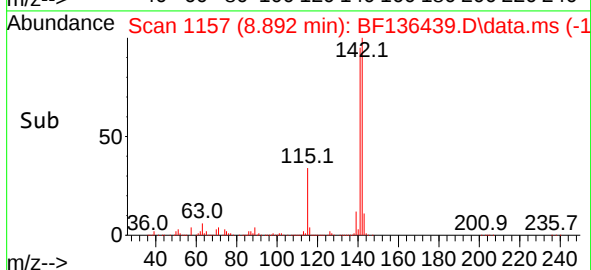
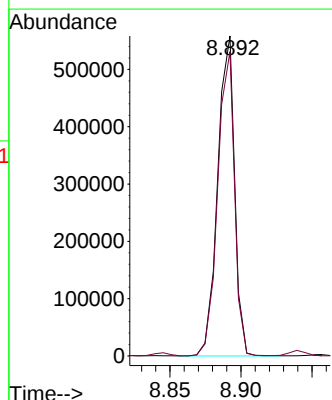
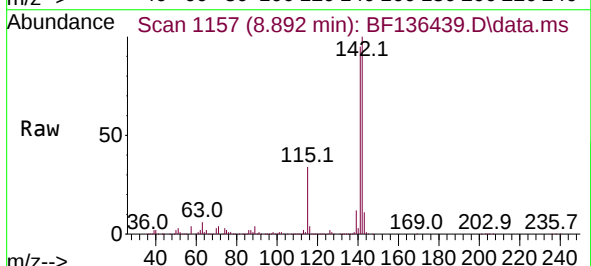
Acq: 06 Dec 2023 20:55

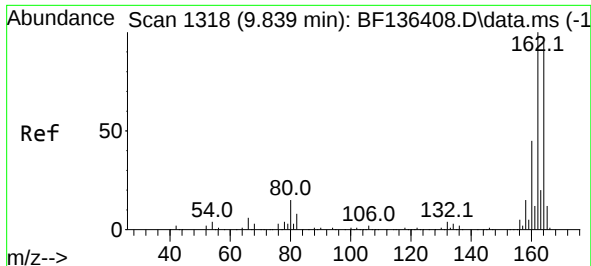
Tgt Ion:142 Resp: 461977

Ion Ratio Lower Upper

142 100

141 95.1 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

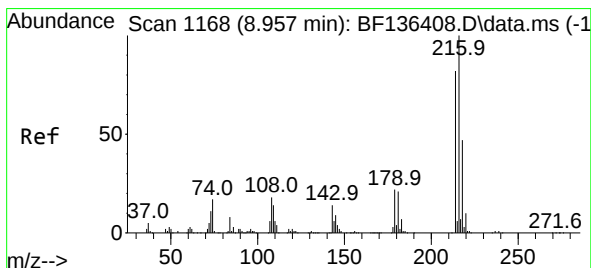
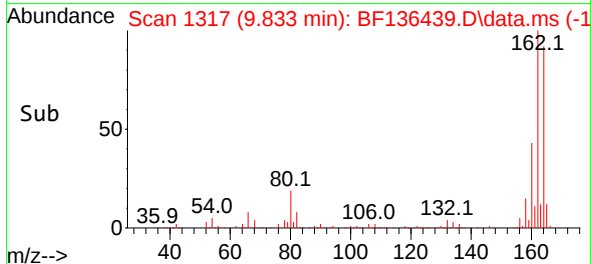
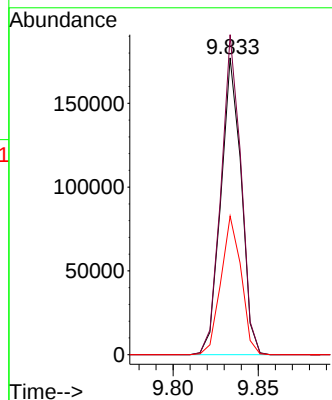
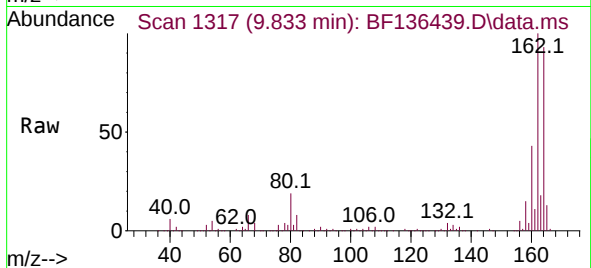
Tgt Ion:164 Resp: 147024

Ion Ratio Lower Upper

164 100

162 107.8 84.4 126.6

160 46.7 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.795 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:216 Resp: 236919

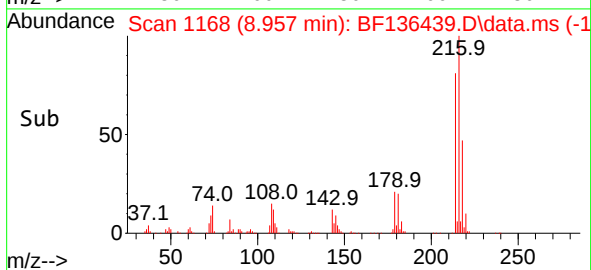
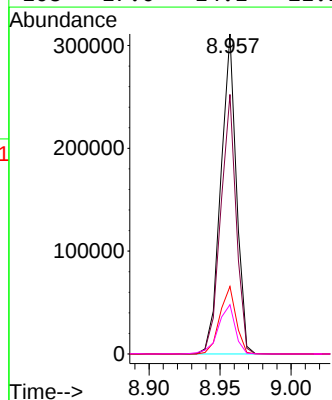
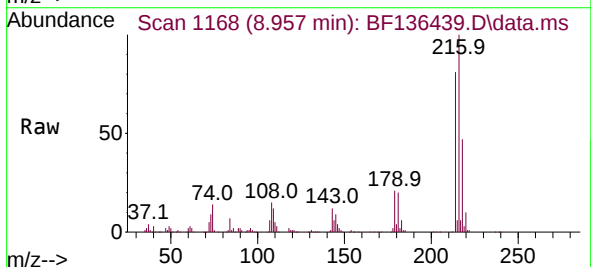
Ion Ratio Lower Upper

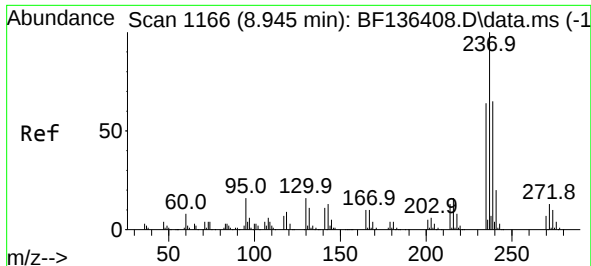
216 100

214 80.6 64.1 96.1

179 22.0 17.0 25.6

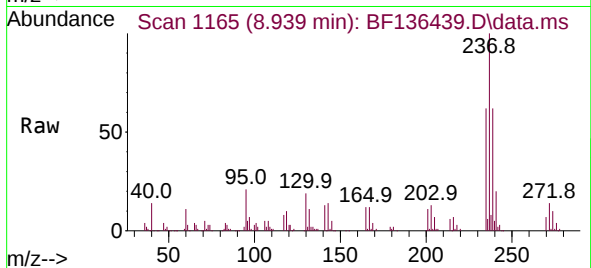
108 17.0 14.1 21.1



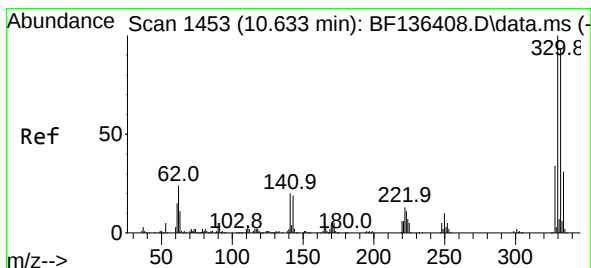
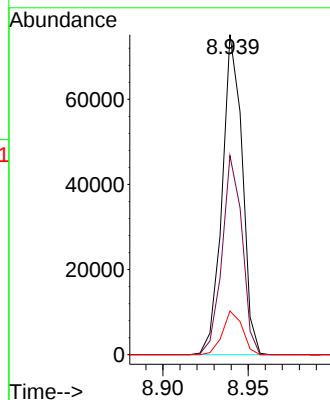
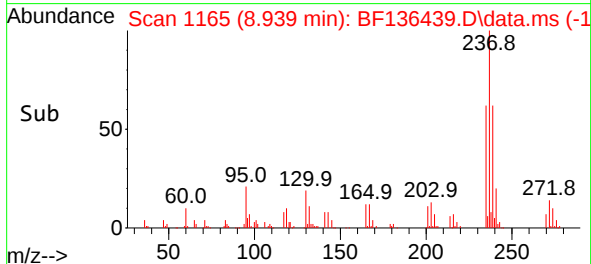


#41
Hexachlorocyclopentadiene
Concen: 36.411 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

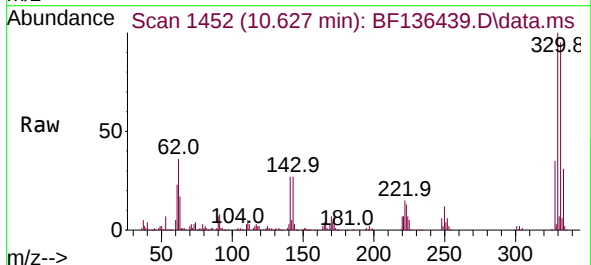
Instrument :
BNA_F
ClientSampleId :



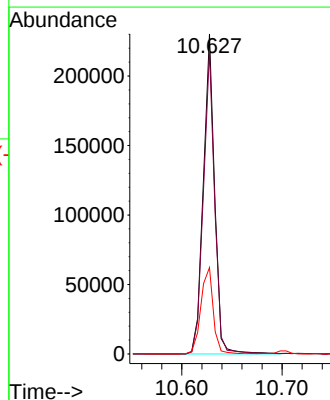
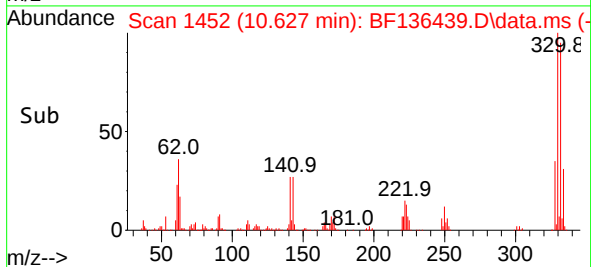
Tgt Ion:237 Resp: 61702
Ion Ratio Lower Upper
237 100
235 62.2 44.1 84.1
272 13.7 0.0 33.3

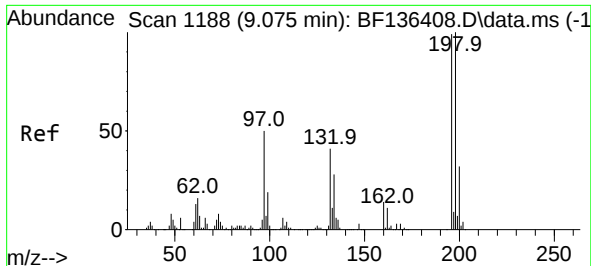


#42
2,4,6-Tribromophenol
Concen: 99.942 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:330 Resp: 181177
Ion Ratio Lower Upper
330 100
332 94.5 76.4 114.6
141 29.6 23.4 35.2

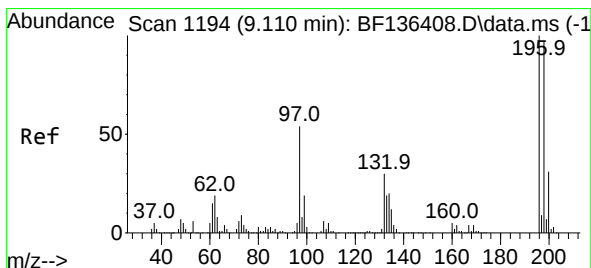
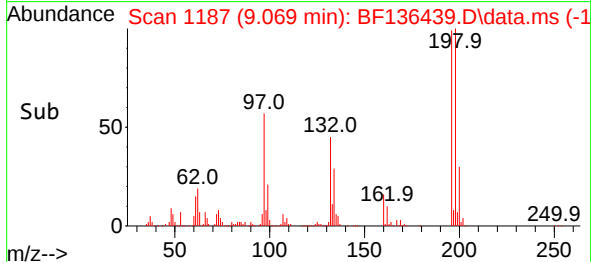
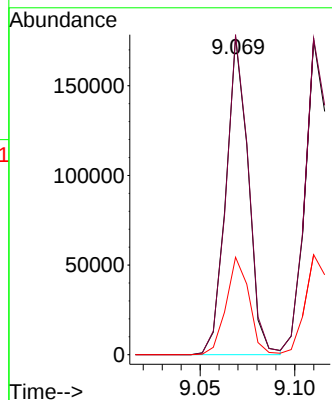
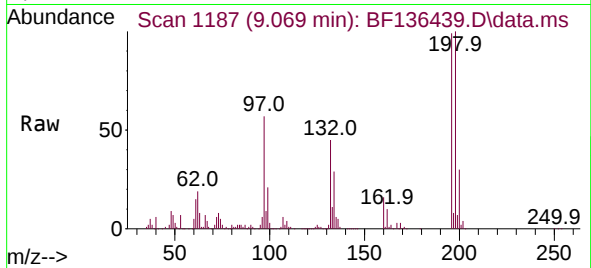




#43
2,4,6-Trichlorophenol
Concen: 48.870 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

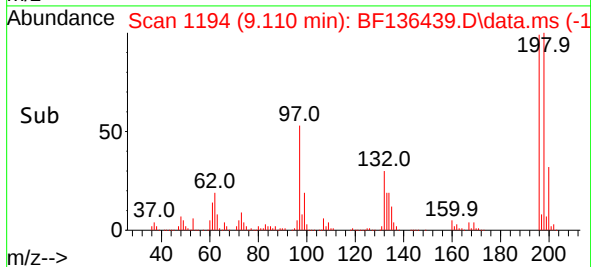
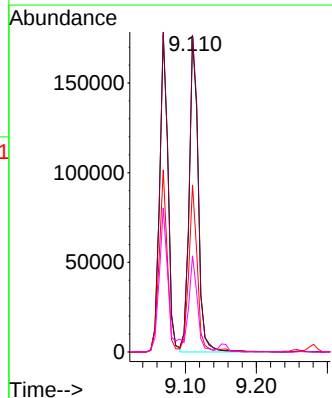
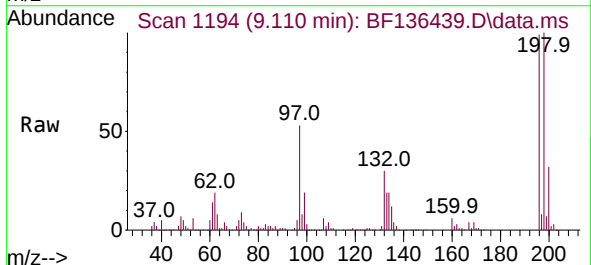
Instrument :
BNA_F
ClientSampleId :

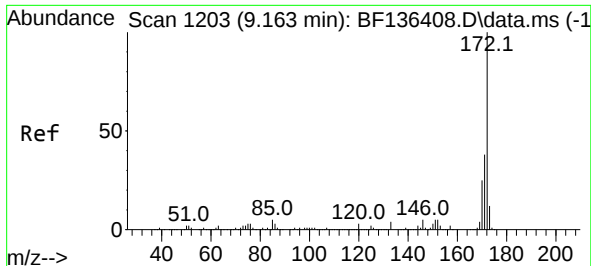
Tgt Ion:196 Resp: 145552
Ion Ratio Lower Upper
196 100
198 100.8 80.4 120.6
200 30.7 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 46.871 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:196 Resp: 155806
Ion Ratio Lower Upper
196 100
198 100.7 78.1 117.1
97 53.1 43.4 65.2
132 30.6 24.2 36.4

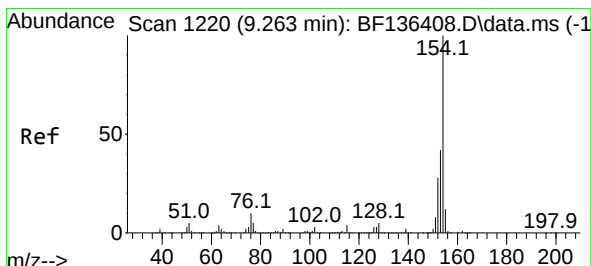
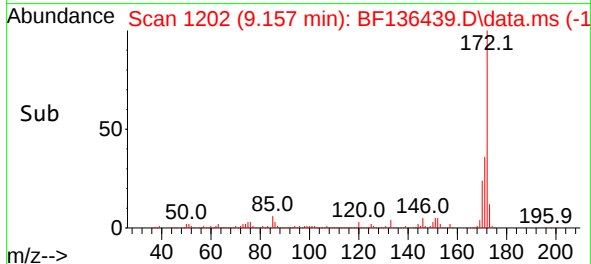
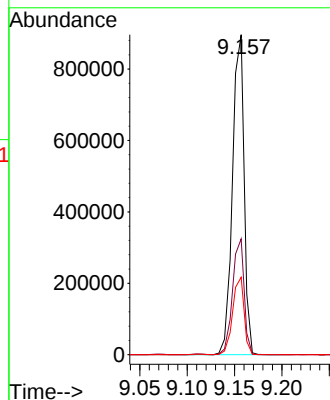
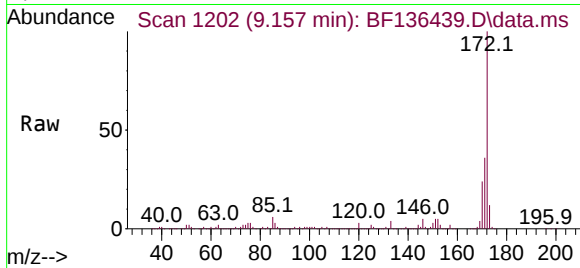




#45
2-Fluorobiphenyl
Concen: 71.298 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

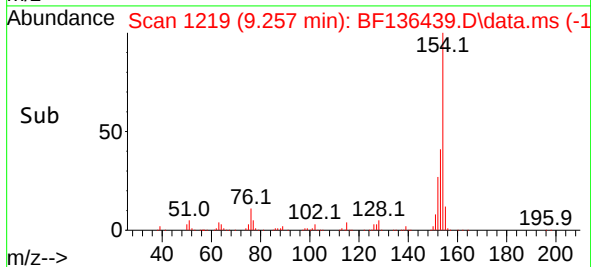
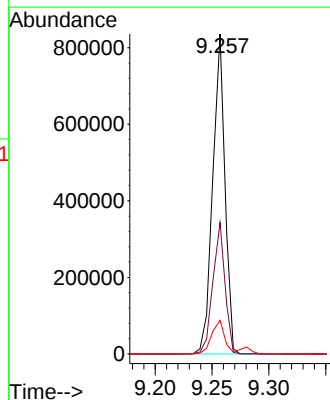
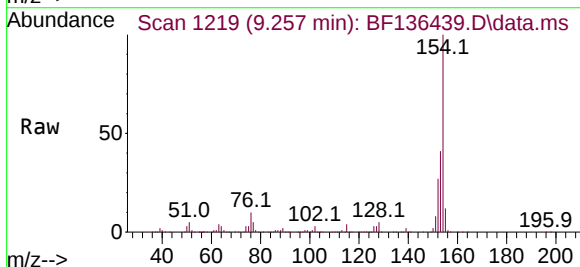
Instrument :
BNA_F
ClientSampleId :

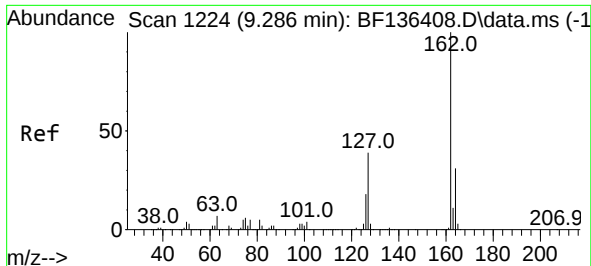
Tgt Ion:172 Resp: 768228
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 24.2 19.9 29.9



#46
1,1'-Biphenyl
Concen: 49.985 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:154 Resp: 625328
Ion Ratio Lower Upper
154 100
153 41.1 22.5 62.5
76 10.5 0.0 29.9





#47

2-Chloronaphthalene

Concen: 47.488 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

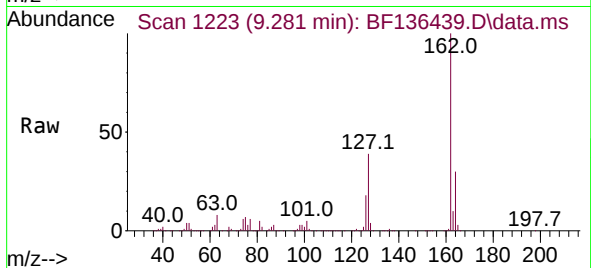
Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :



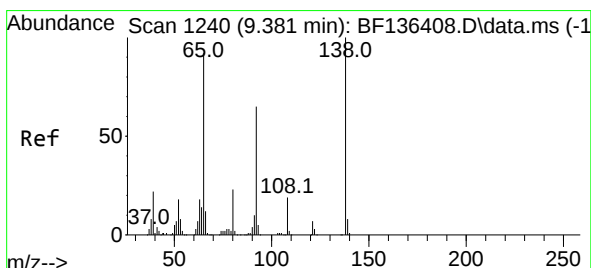
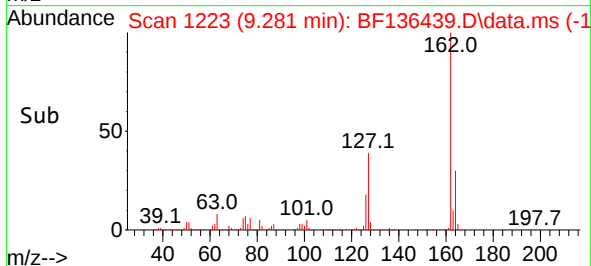
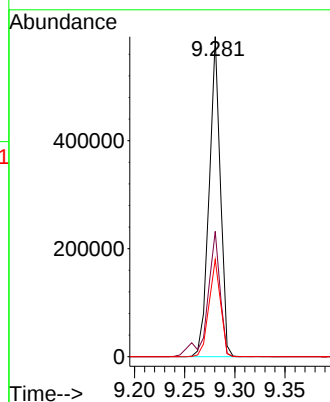
Tgt Ion:162 Resp: 462389

Ion Ratio Lower Upper

162 100

127 39.1 31.1 46.7

164 30.4 24.6 37.0



#48

2-Nitroaniline

Concen: 51.456 ng

RT: 9.380 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

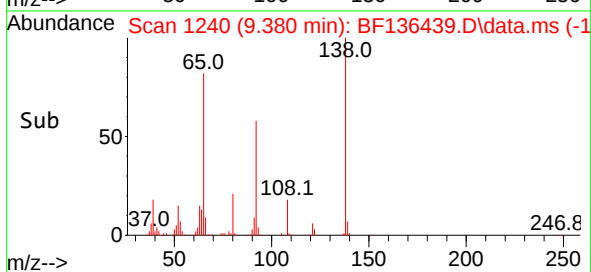
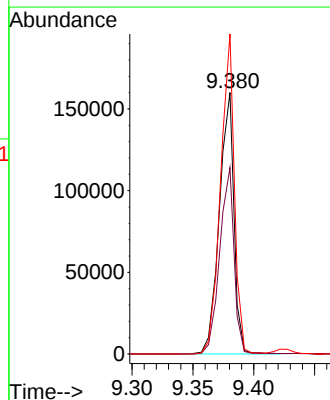
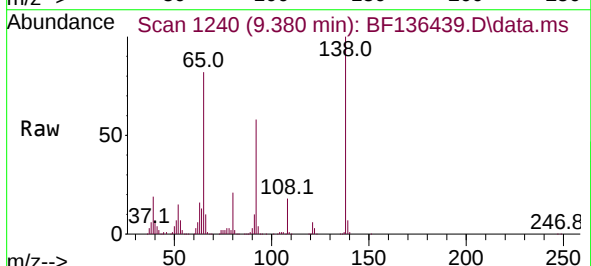
Tgt Ion: 65 Resp: 134378

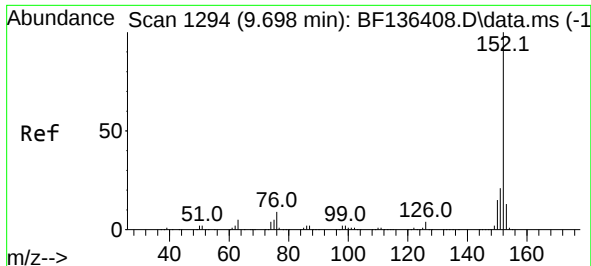
Ion Ratio Lower Upper

65 100

92 71.3 56.1 84.1

138 122.4 86.7 130.1





#49

Acenaphthylene

Concen: 50.571 ng

RT: 9.698 min Scan# 1294

Delta R.T. -0.000 min

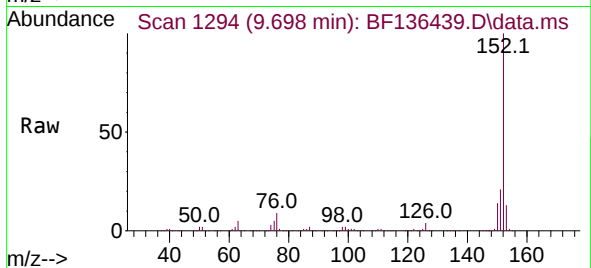
Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :



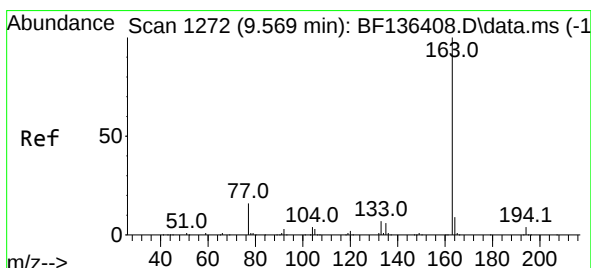
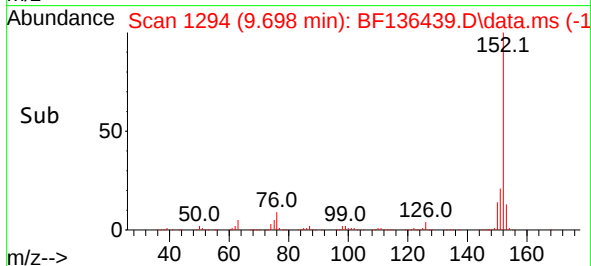
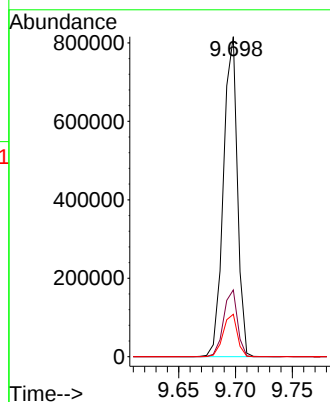
Tgt Ion:152 Resp: 701447

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 47.818 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.012 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

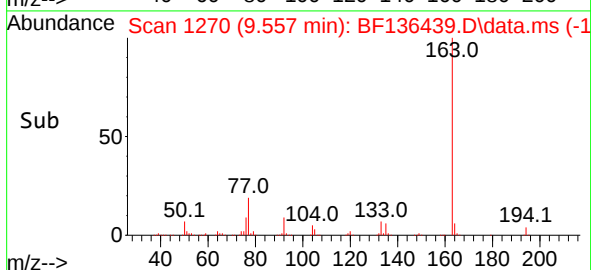
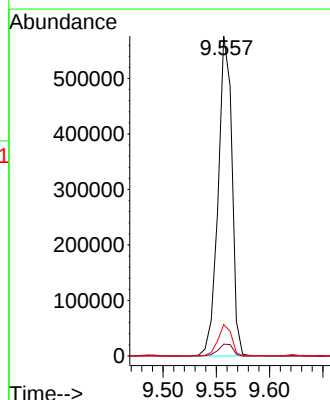
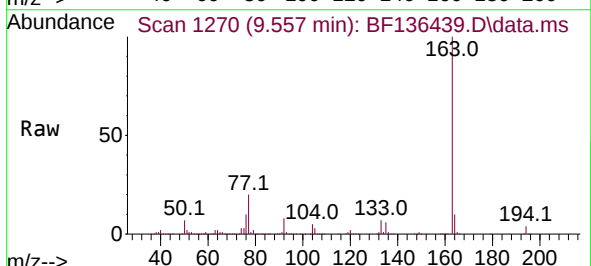
Tgt Ion:163 Resp: 517600

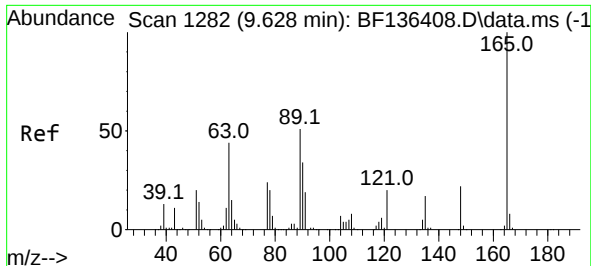
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

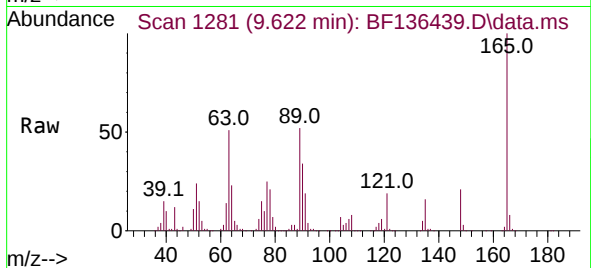
164 9.8 7.4 11.2



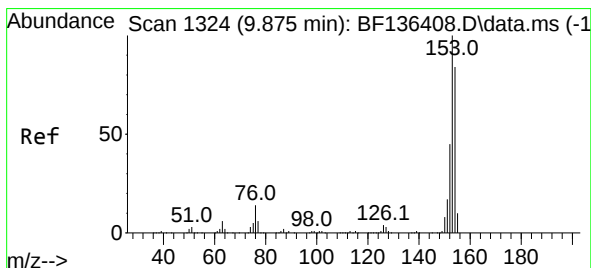
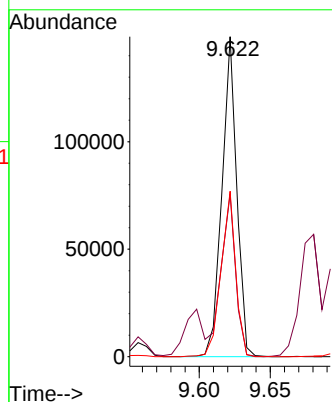
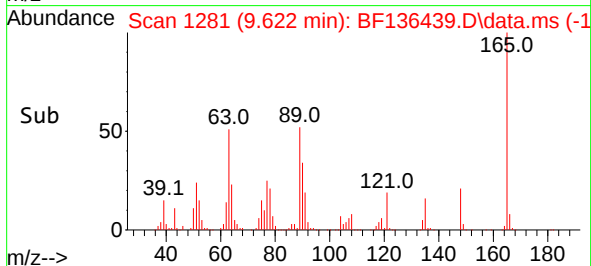


#51
2,6-Dinitrotoluene
Concen: 44.306 ng
RT: 9.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

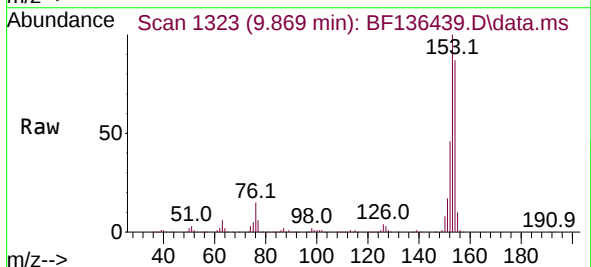
Instrument :
BNA_F
ClientSampleId :



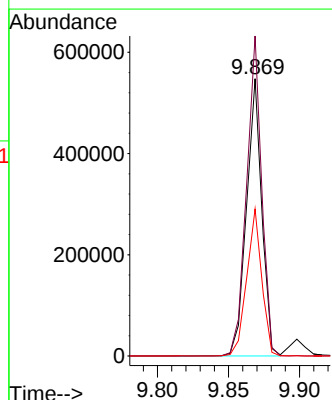
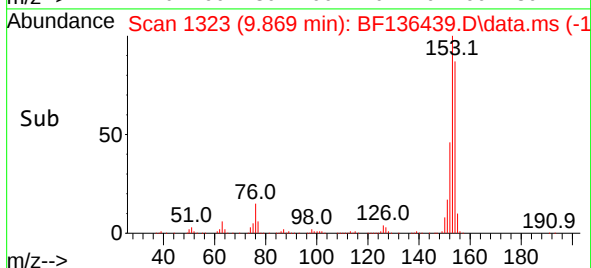
Tgt Ion:165 Resp: 107893
Ion Ratio Lower Upper
165 100
63 50.8 40.4 60.6
89 51.7 40.6 60.8

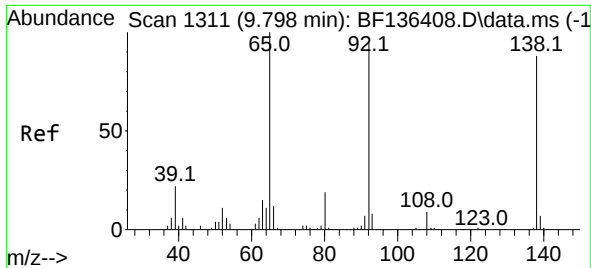


#52
Acenaphthene
Concen: 46.280 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:154 Resp: 411359
Ion Ratio Lower Upper
154 100
153 115.4 95.3 142.9
152 53.0 43.2 64.8





#53

3-Nitroaniline

Concen: 47.264 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

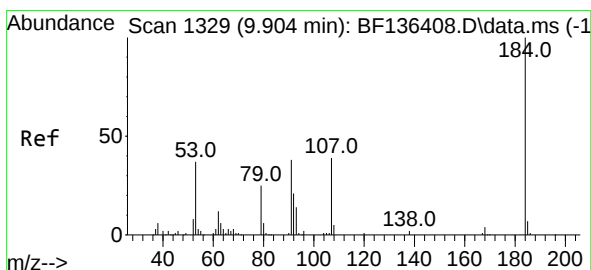
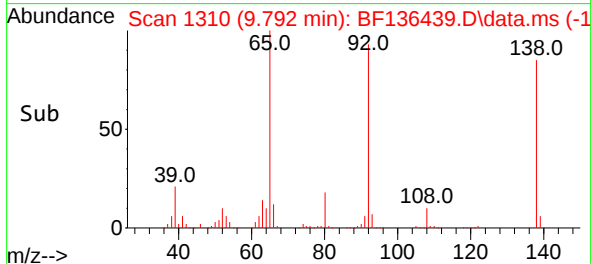
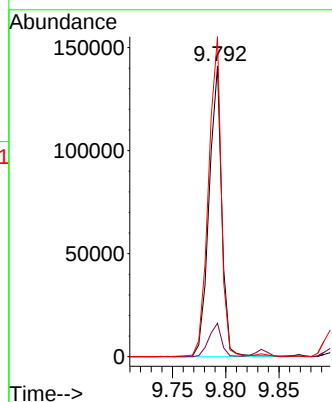
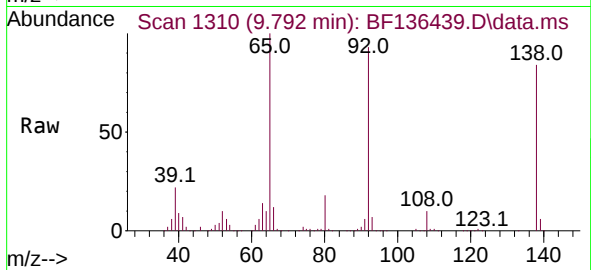
Tgt Ion:138 Resp: 117534

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

92 110.2 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 35.525 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

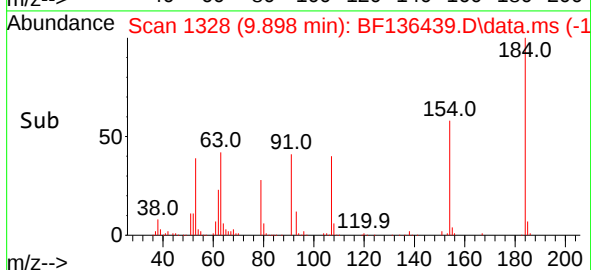
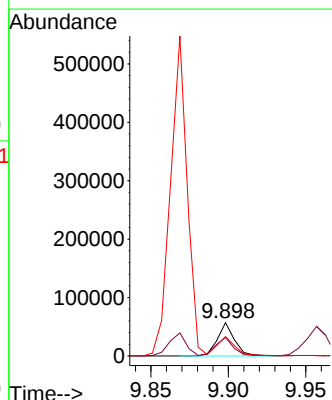
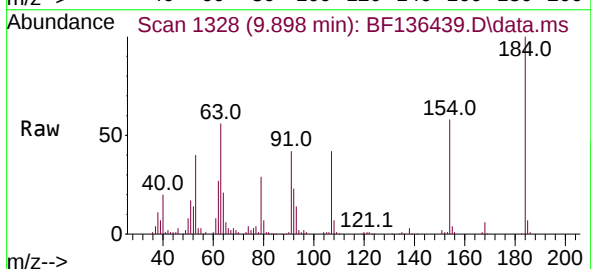
Tgt Ion:184 Resp: 43740

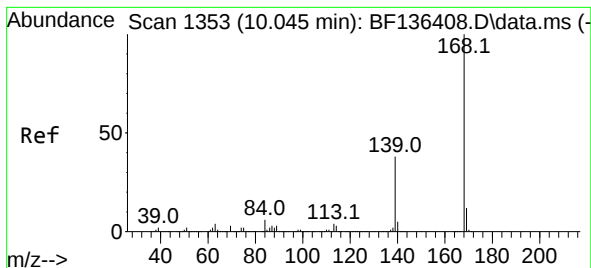
Ion Ratio Lower Upper

184 100

63 55.8 39.1 58.7

154 58.2 49.9 74.9





#55

Dibenzenofuran

Concen: 47.465 ng

RT: 10.039 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

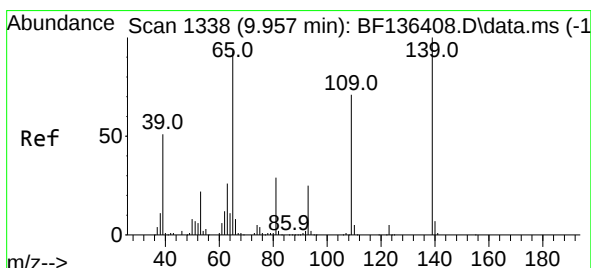
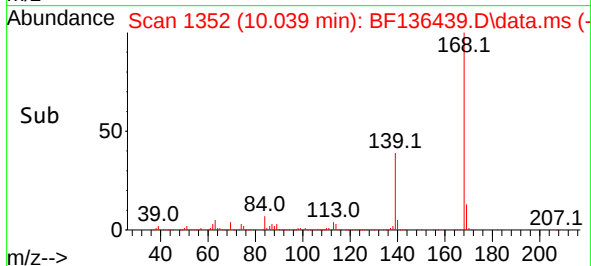
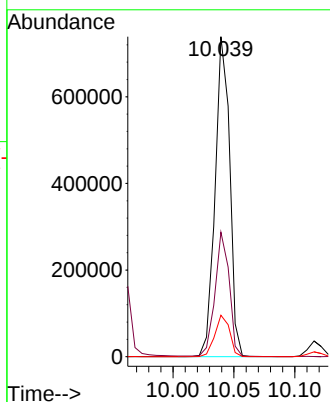
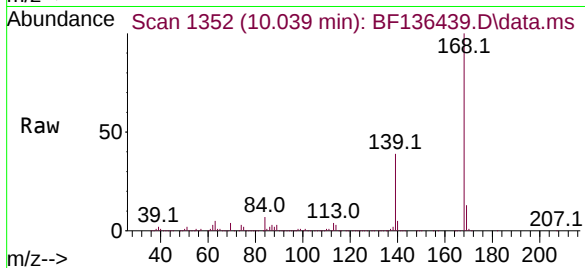
Tgt Ion:168 Resp: 616326

Ion Ratio Lower Upper

168 100

139 38.9 30.4 45.6

169 12.9 9.9 14.9



#56

4-Nitrophenol

Concen: 101.735 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

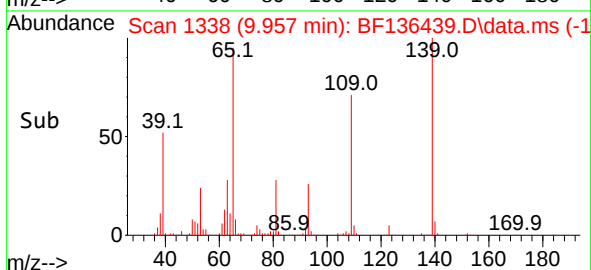
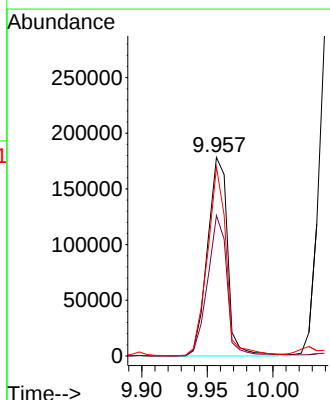
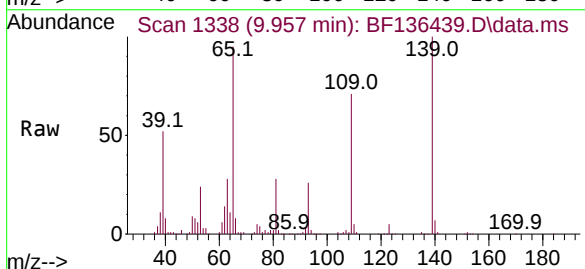
Tgt Ion:139 Resp: 189652

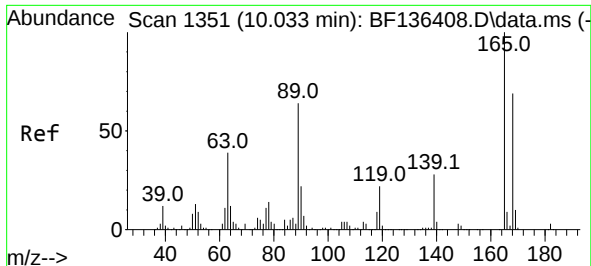
Ion Ratio Lower Upper

139 100

109 70.7 50.6 90.6

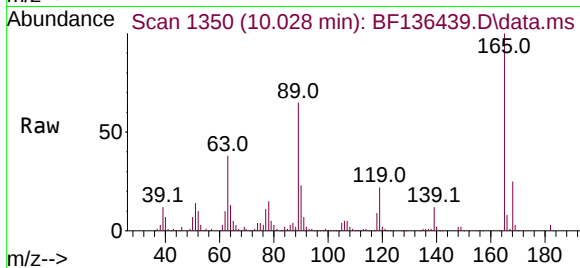
65 95.1 73.1 113.1



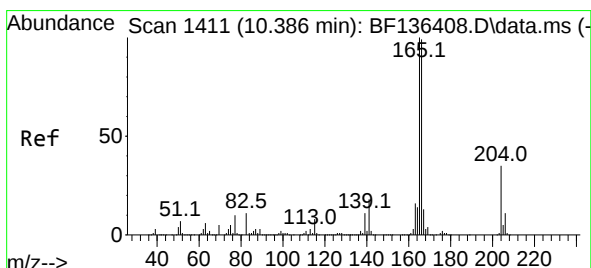
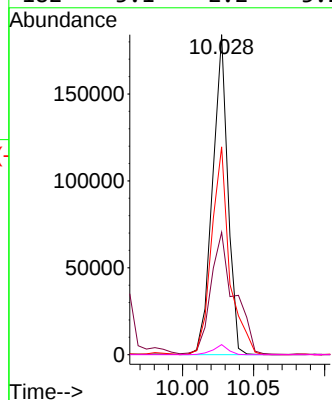
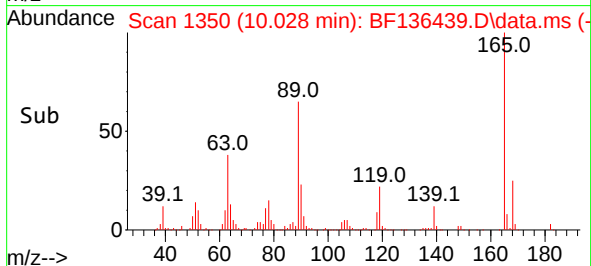


#57
2,4-Dinitrotoluene
Concen: 43.048 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

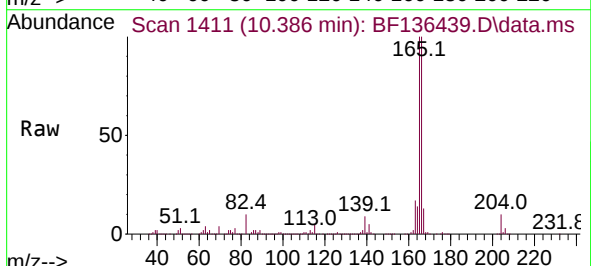
Instrument :
BNA_F
ClientSampleId :



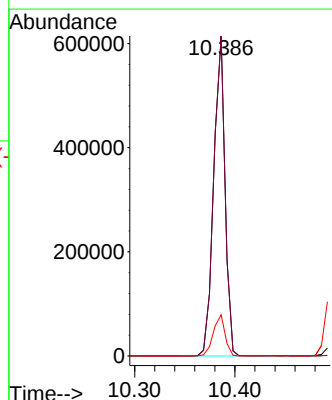
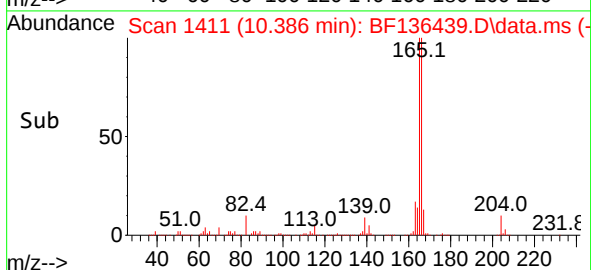
Tgt Ion:165 Resp: 138678
Ion Ratio Lower Upper
165 100
63 38.2 31.4 47.2
89 65.0 51.7 77.5
182 3.1 2.2 3.2

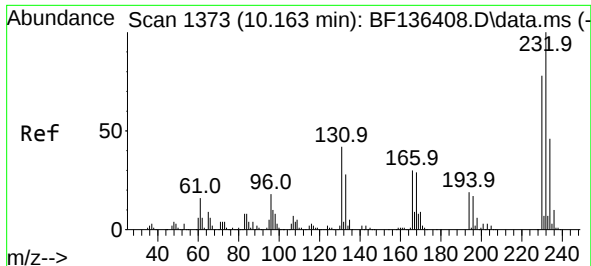


#58
Fluorene
Concen: 46.248 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:166 Resp: 482064
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 12.9 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.651 ng

RT: 10.163 min Scan# 1373

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 129541

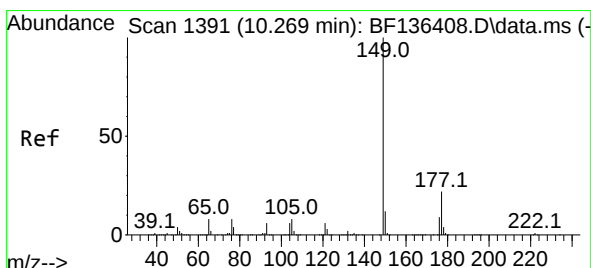
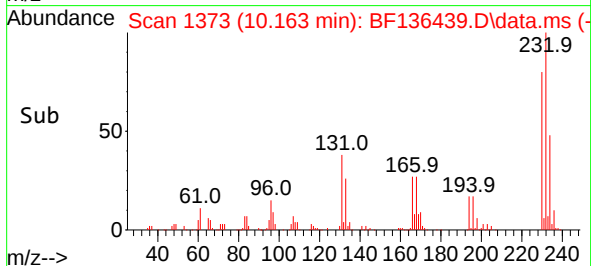
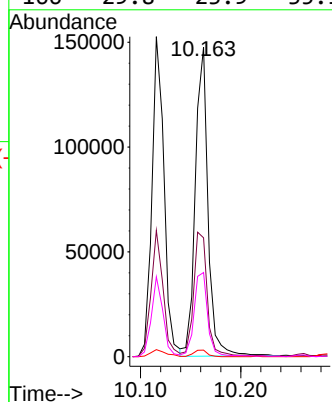
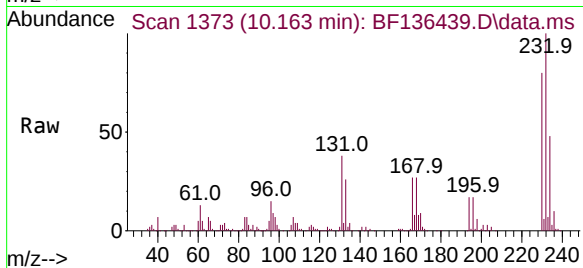
Ion Ratio Lower Upper

232 100

131 43.1 34.3 51.5

130 2.3 1.6 2.4

166 29.8 23.9 35.9



#60

Diethylphthalate

Concen: 45.318 ng

RT: 10.263 min Scan# 1390

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

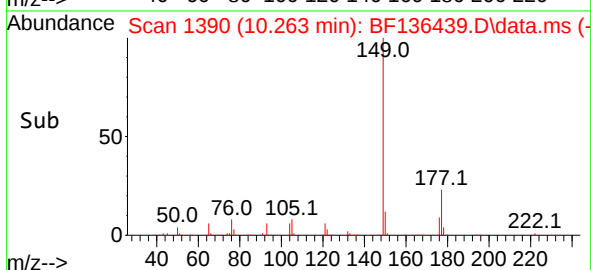
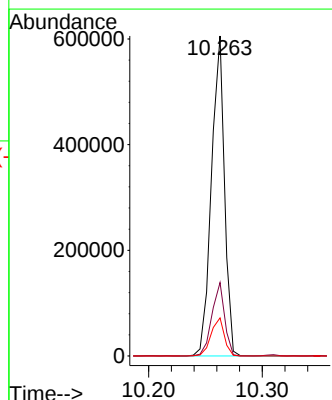
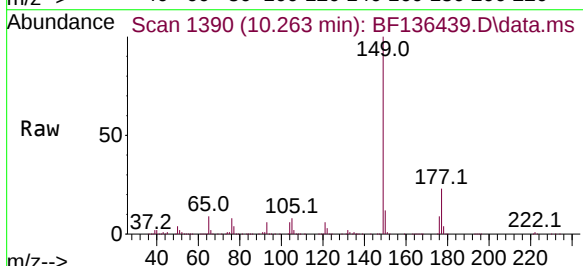
Tgt Ion:149 Resp: 482361

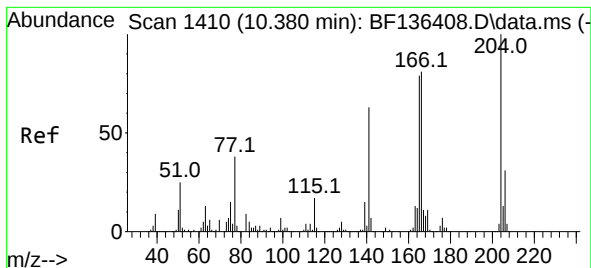
Ion Ratio Lower Upper

149 100

177 22.9 17.8 26.8

150 11.9 9.4 14.0

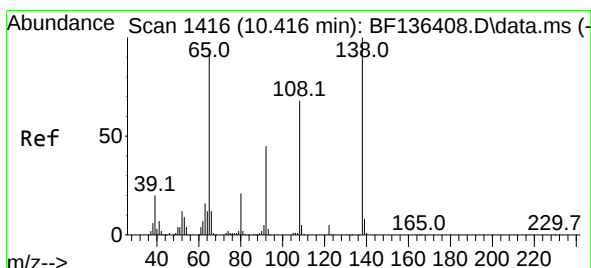
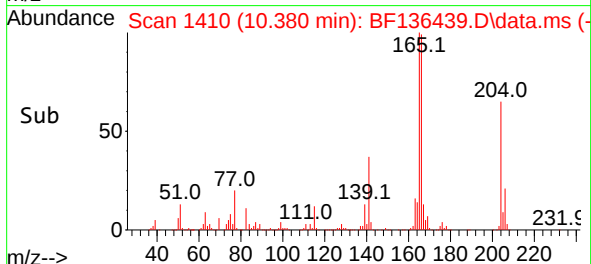
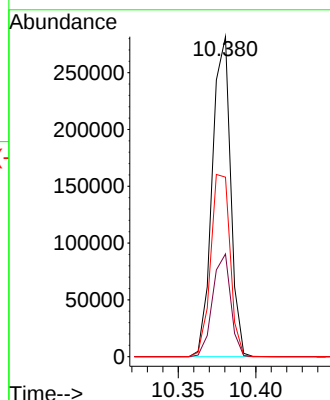
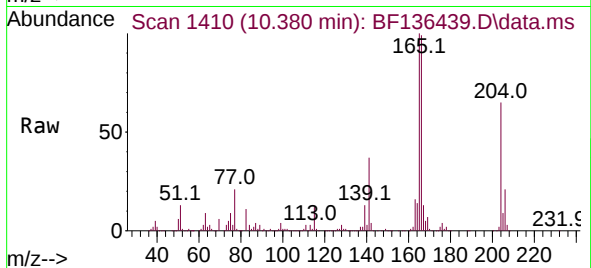




#61
4-Chlorophenyl-phenylether
Concen: 45.572 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

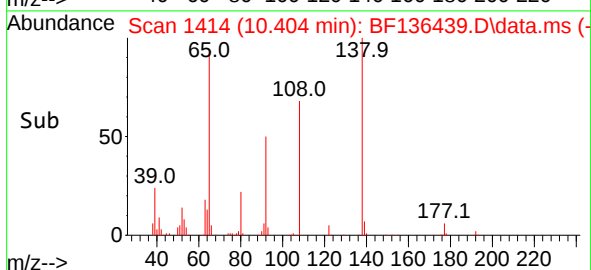
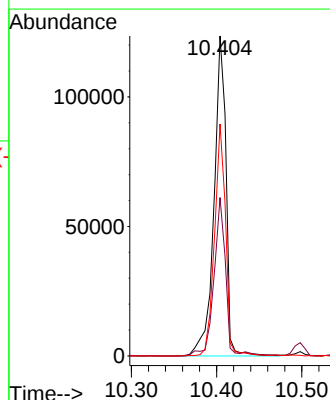
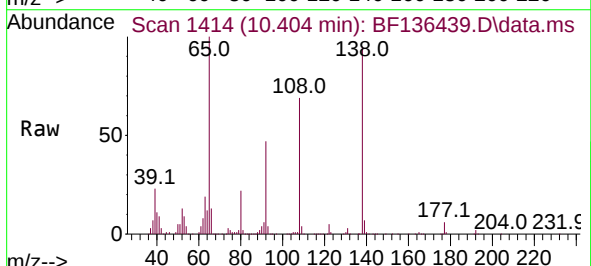
Instrument :
BNA_F
ClientSampleId :

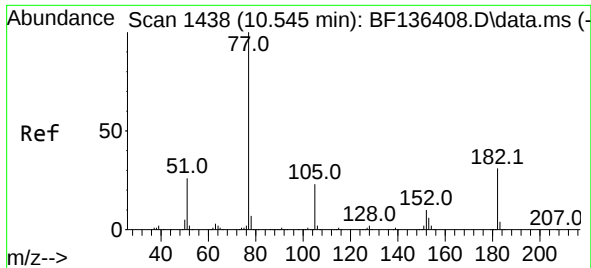
Tgt Ion:204 Resp: 231564
Ion Ratio Lower Upper
204 100
206 32.1 24.6 36.8
141 56.1 50.3 75.5



#62
4-Nitroaniline
Concen: 49.239 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:138 Resp: 121581
Ion Ratio Lower Upper
138 100
92 49.5 25.0 65.0
108 72.5 47.9 87.9

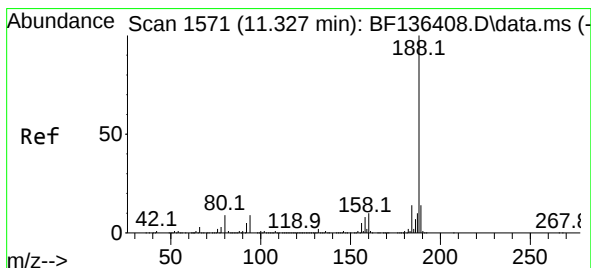
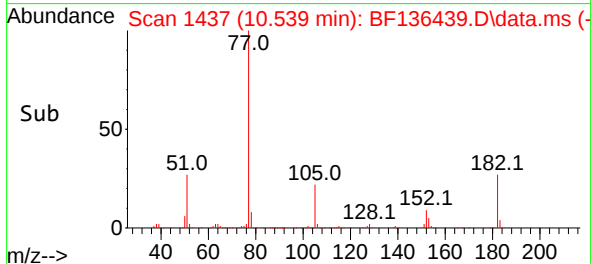
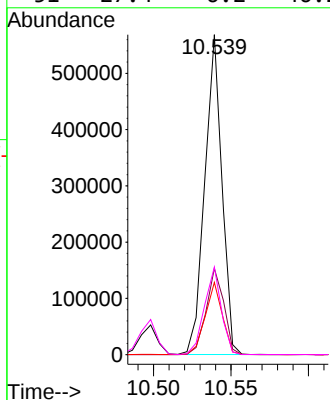
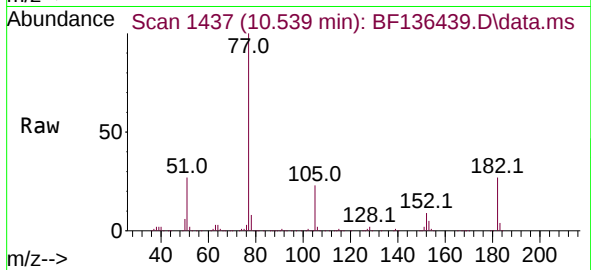




#63
Azobenzene
Concen: 45.127 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

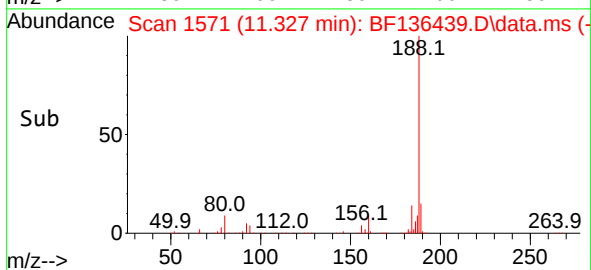
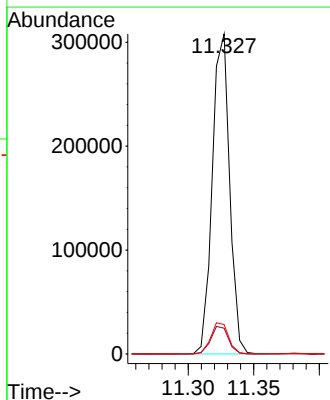
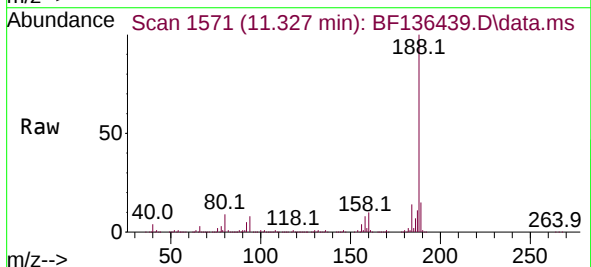
Instrument :
BNA_F
ClientSampleId :

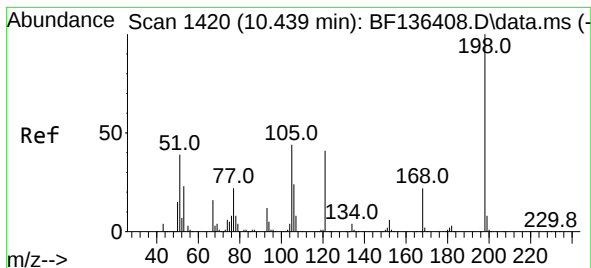
Tgt Ion: 77	Resp: 437198
Ion Ratio	Lower Upper
77 100	
182 27.0	10.8 50.8
105 22.6	2.6 42.6
51 27.4	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:188	Resp: 282484
Ion Ratio	Lower Upper
188 100	
94 8.0	7.2 10.8
80 9.2	7.2 10.8

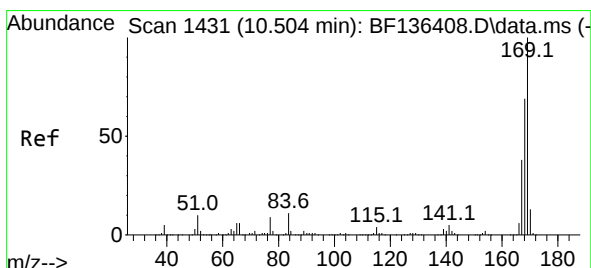
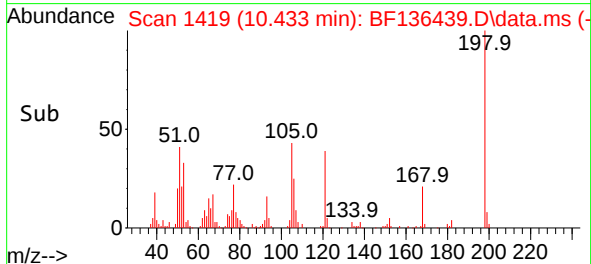
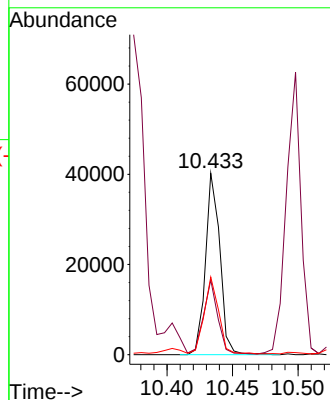
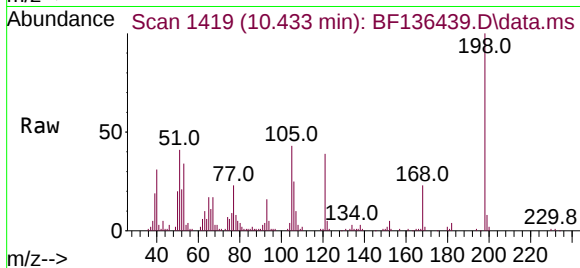




#65
4,6-Dinitro-2-methylphenol
Concen: 17.644 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

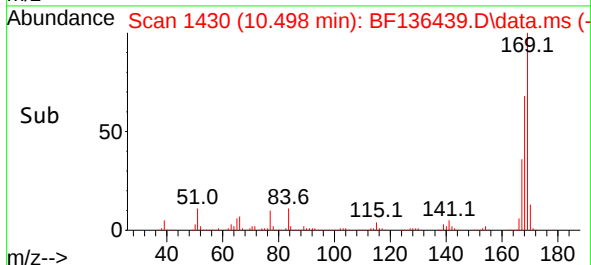
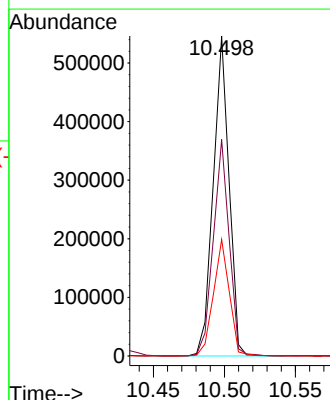
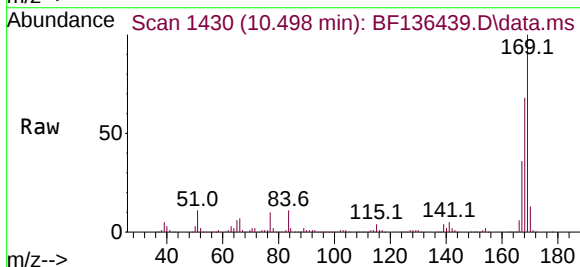
Instrument :
BNA_F
ClientSampleId :

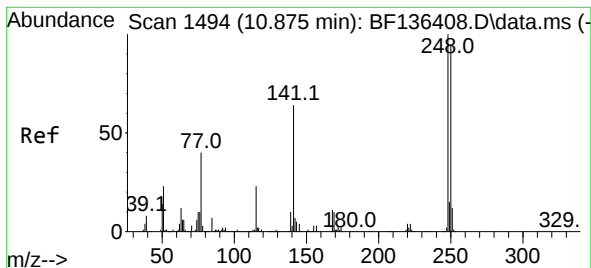
Tgt Ion:198 Resp: 30867
Ion Ratio Lower Upper
198 100
51 41.1 24.1 64.1
105 42.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 46.501 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:169 Resp: 421502
Ion Ratio Lower Upper
169 100
168 67.6 55.3 82.9
167 36.4 30.1 45.1

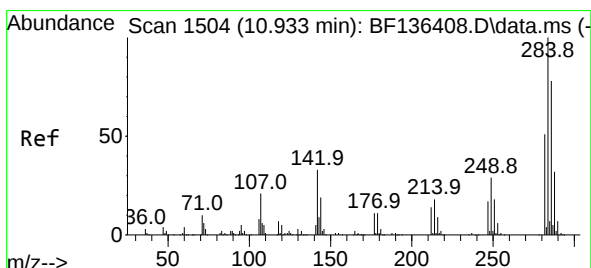
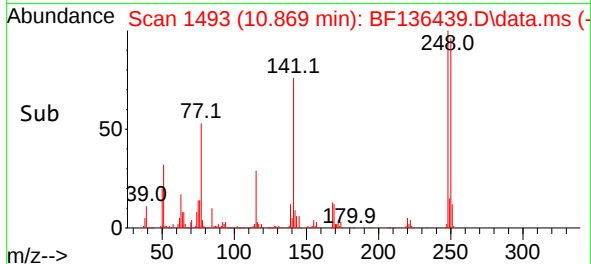
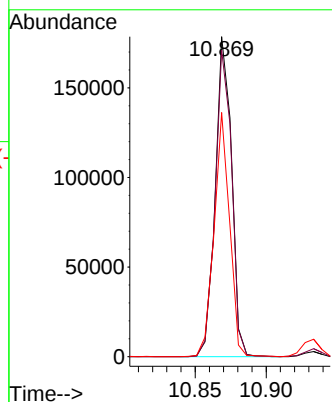
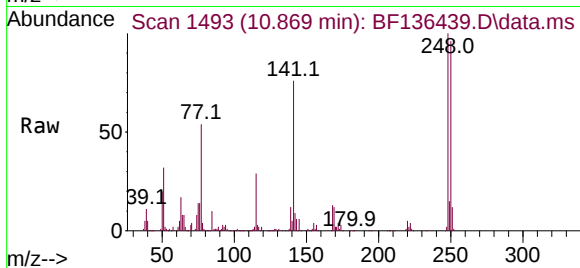




#67
4-Bromophenyl-phenylether
Concen: 43.391 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

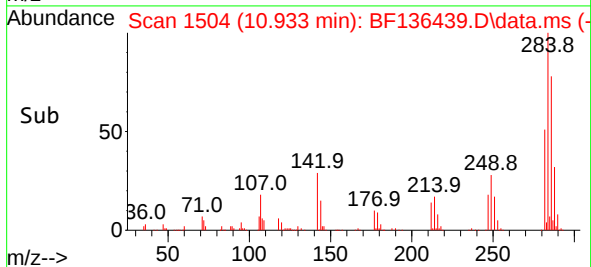
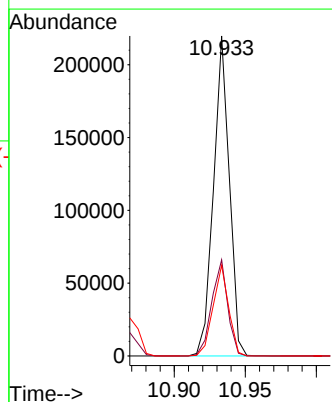
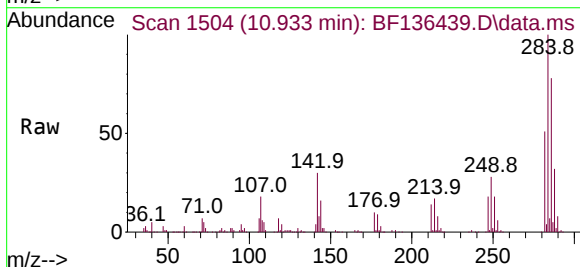
Instrument :
BNA_F
ClientSampleId :

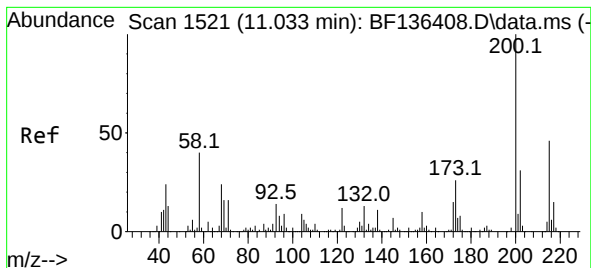
Tgt Ion:248 Resp: 142511
Ion Ratio Lower Upper
248 100
250 95.8 76.2 114.2
141 76.3 51.0 76.4



#68
Hexachlorobenzene
Concen: 44.755 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:284 Resp: 169888
Ion Ratio Lower Upper
284 100
142 30.0 26.5 39.7
249 28.3 23.4 35.0





#69

Atrazine

Concen: 52.092 ng

RT: 11.033 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

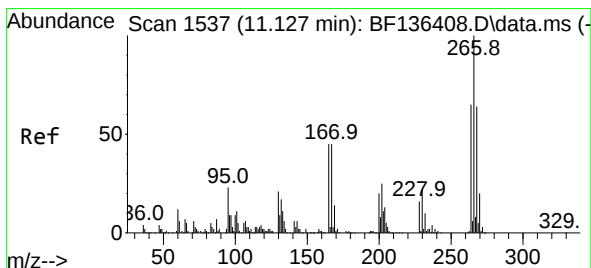
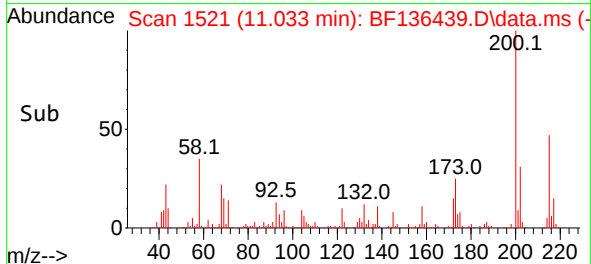
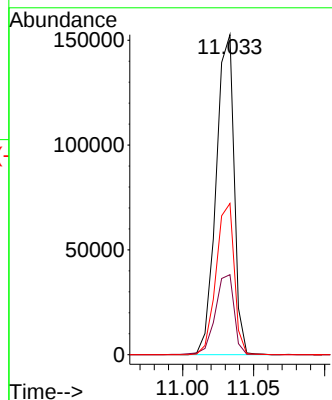
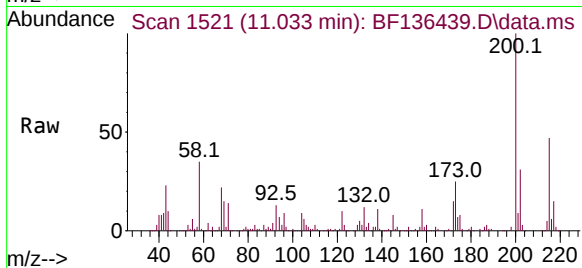
Tgt Ion:200 Resp: 134767

Ion Ratio Lower Upper

200 100

173 25.0 6.0 46.0

215 47.2 25.5 65.5



#70

Pentachlorophenol

Concen: 90.997 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

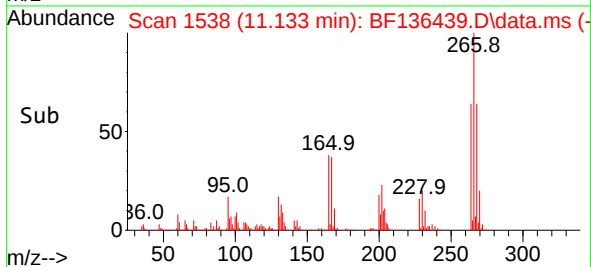
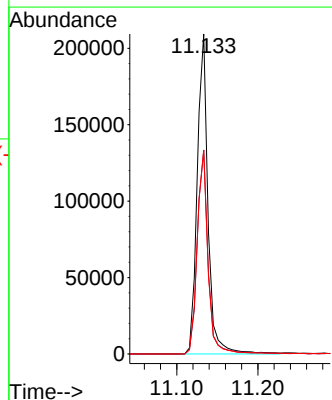
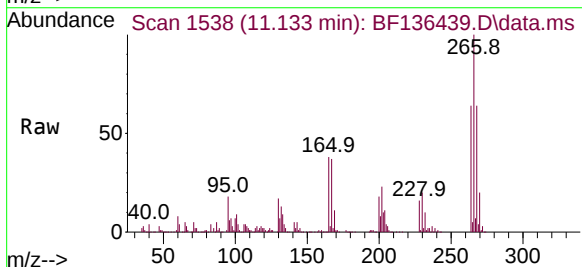
Tgt Ion:266 Resp: 194948

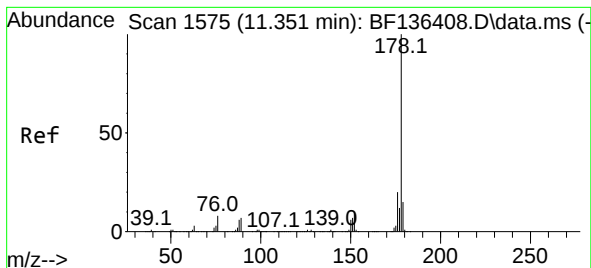
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 63.7 52.2 78.4





#71

Phenanthrene

Concen: 47.680 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

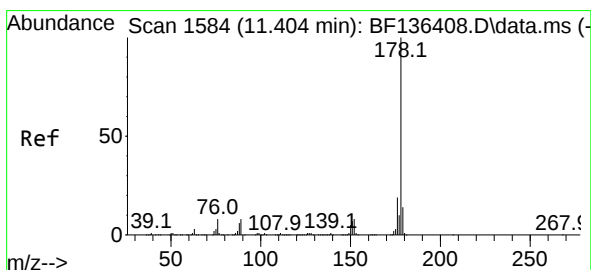
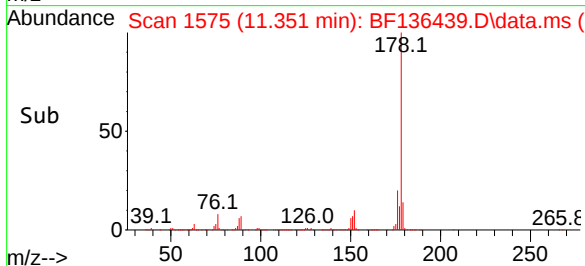
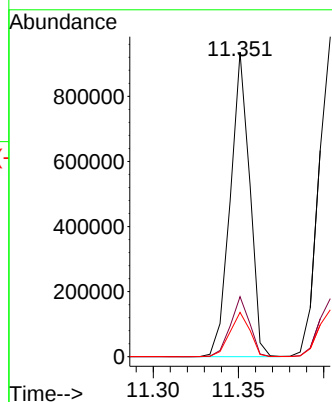
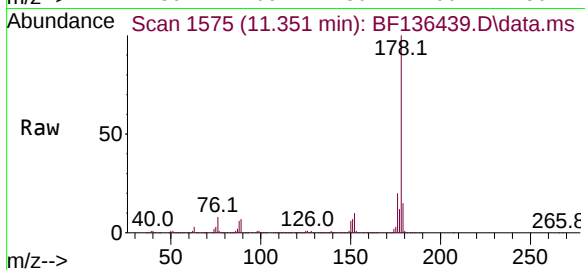
Tgt Ion:178 Resp: 740303

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 14.5 11.8 17.6



#72

Anthracene

Concen: 49.083 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

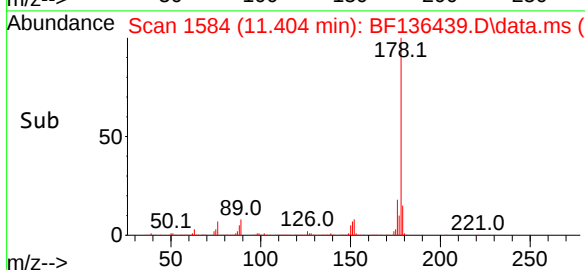
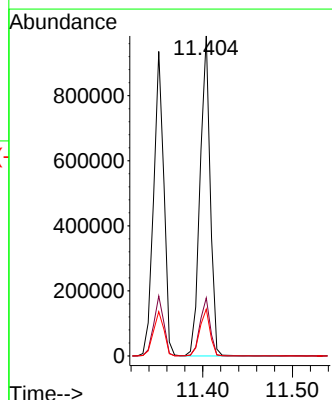
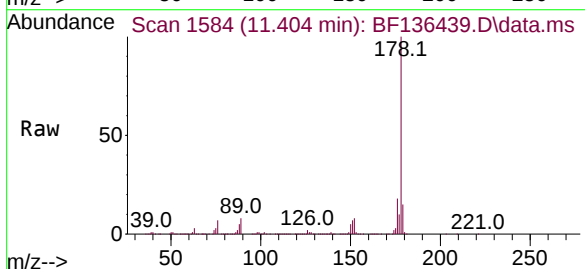
Tgt Ion:178 Resp: 767593

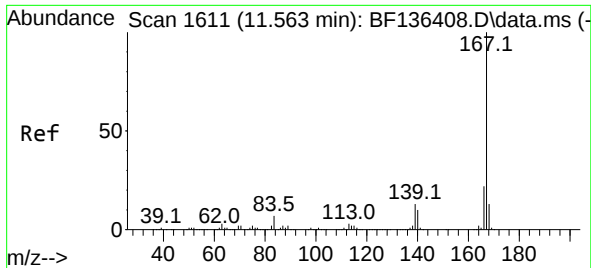
Ion Ratio Lower Upper

178 100

176 18.2 15.3 22.9

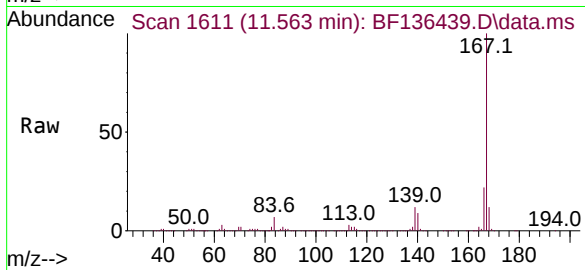
179 14.7 11.4 17.0



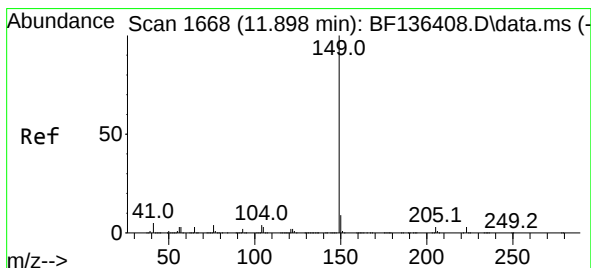
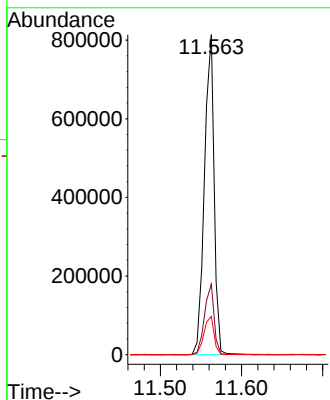
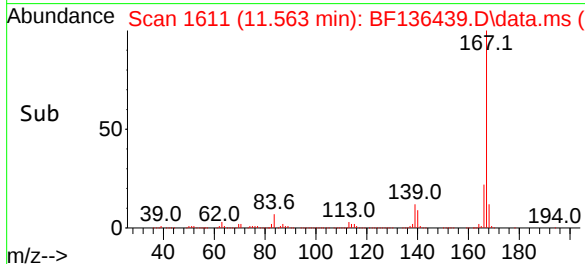


#73
 Carbazole
 Concen: 48.725 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.000 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55

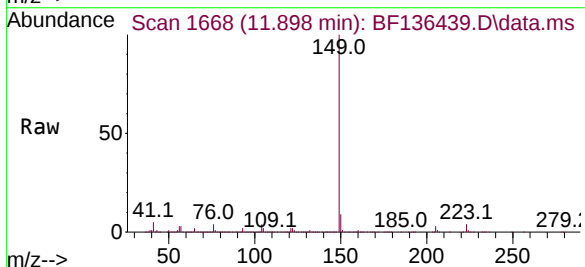
Instrument :
 BNA_F
 ClientSampleId :



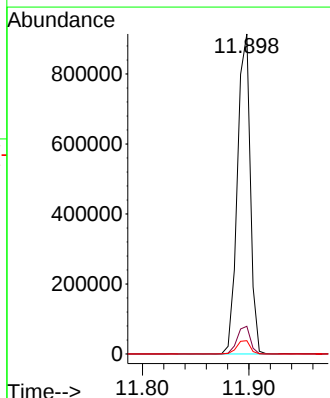
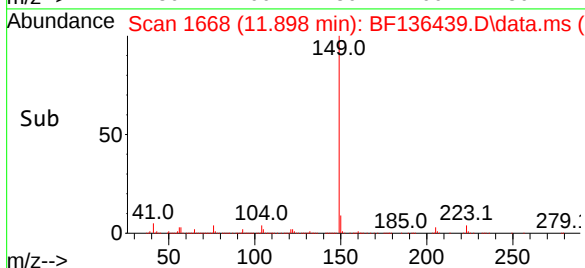
Tgt Ion:167 Resp: 674419
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.0 10.2 15.4

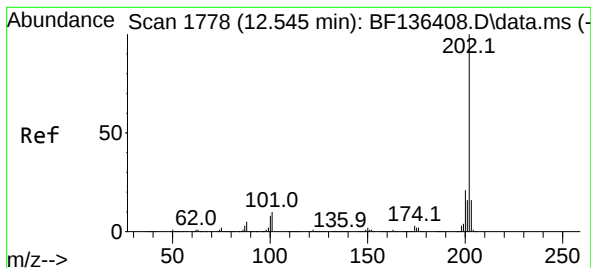


#74
 Di-n-butylphthalate
 Concen: 45.346 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55



Tgt Ion:149 Resp: 769444
 Ion Ratio Lower Upper
 149 100
 150 8.7 6.9 10.3
 104 4.1 3.5 5.3





#75

Fluoranthene

Concen: 48.588 ng

RT: 12.545 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

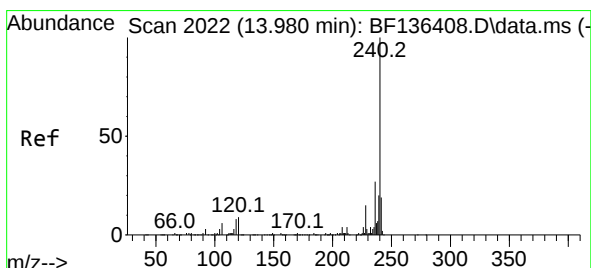
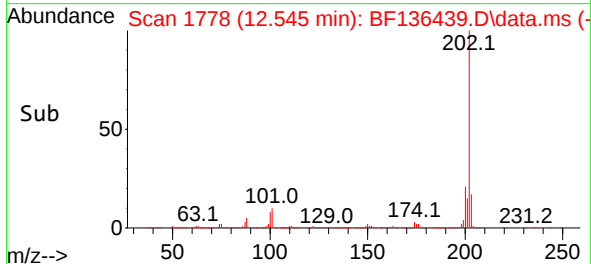
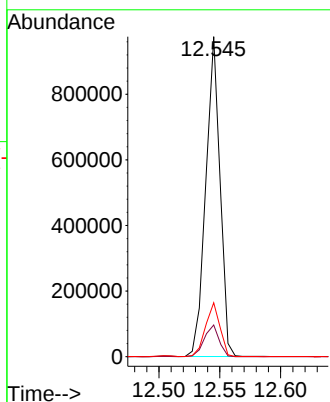
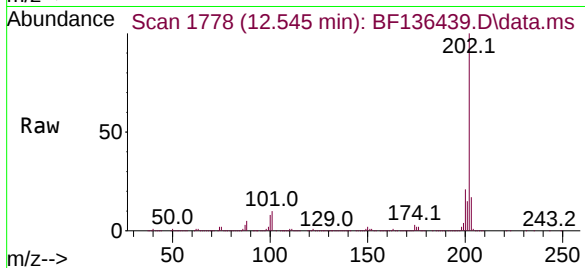
Tgt Ion:202 Resp: 790571

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

203 16.8 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

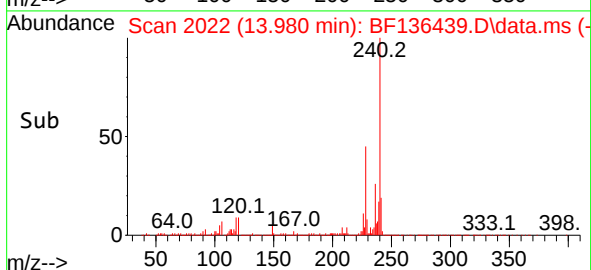
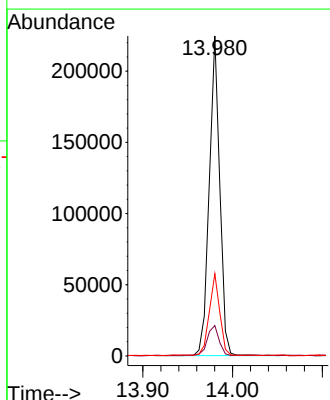
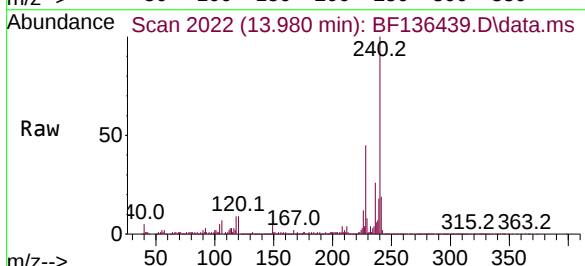
Tgt Ion:240 Resp: 182789

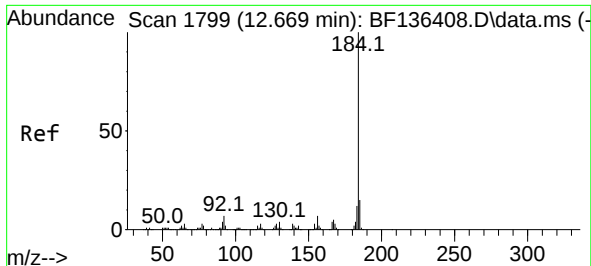
Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 25.7 21.3 31.9

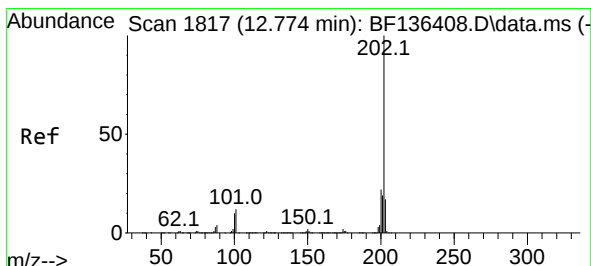
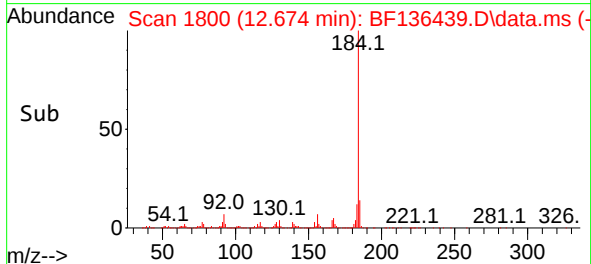
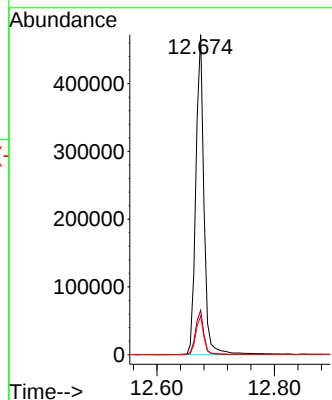
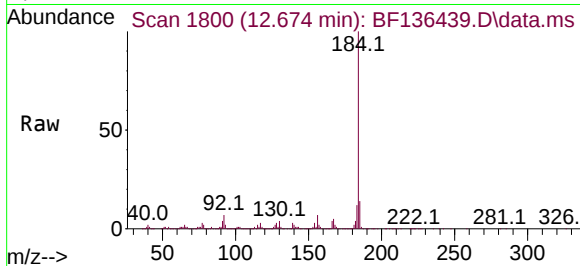




#77
Benzidine
Concen: 71.098 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

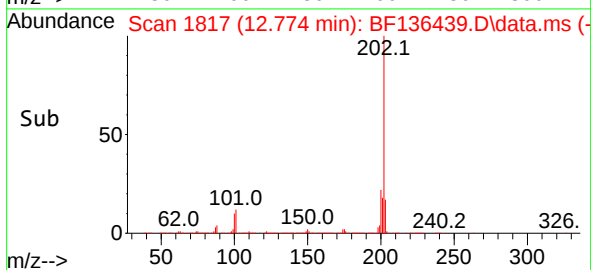
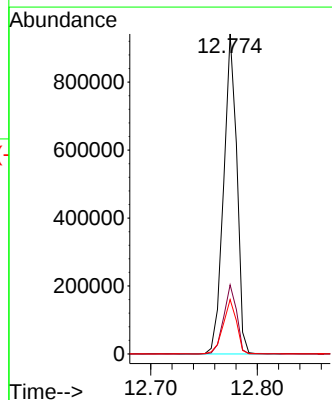
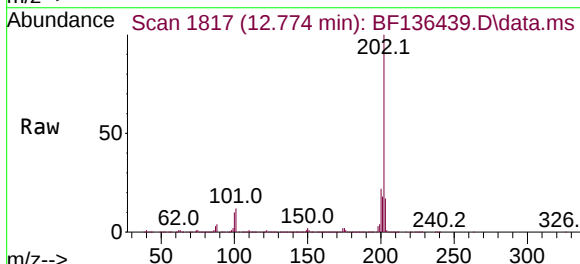
Instrument :
BNA_F
ClientSampleId :

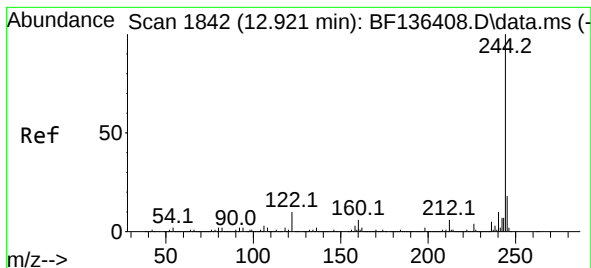
Tgt Ion:184 Resp: 456438
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 12.1 9.4 14.0



#78
Pyrene
Concen: 44.996 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:202 Resp: 805500
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 17.0 13.5 20.3





#79

Terphenyl-d14

Concen: 63.029 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

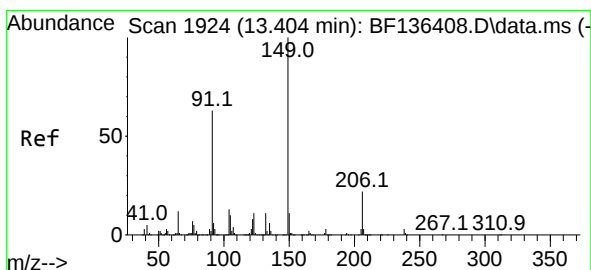
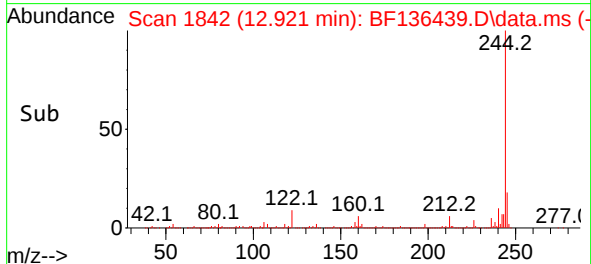
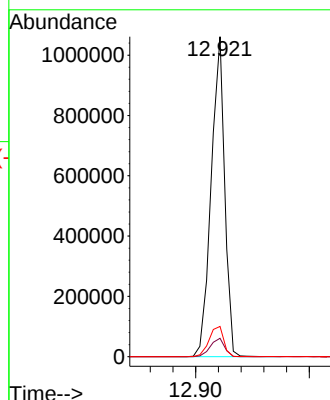
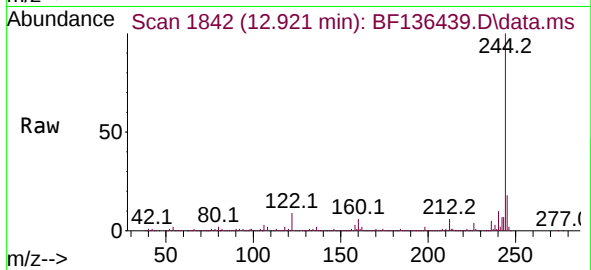
Tgt Ion:244 Resp: 874102

Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

122 9.5 8.3 12.5



#80

Butylbenzylphthalate

Concen: 50.035 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

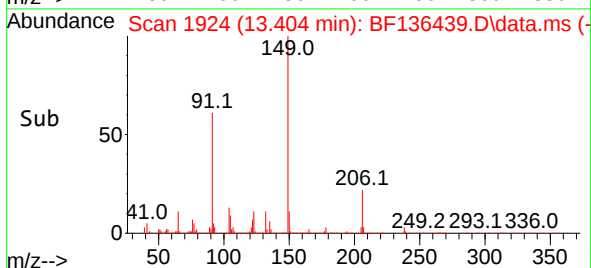
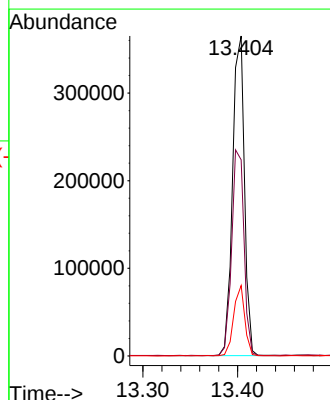
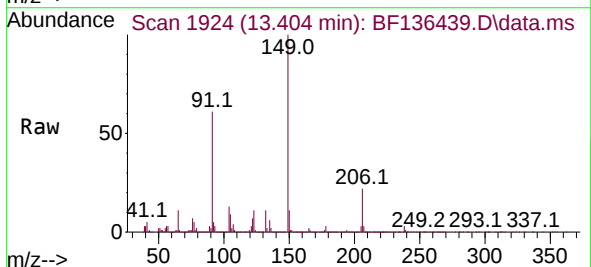
Tgt Ion:149 Resp: 318853

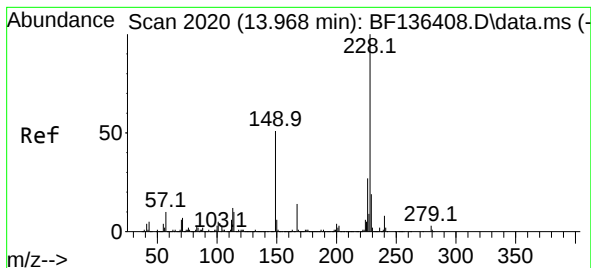
Ion Ratio Lower Upper

149 100

91 61.3 50.5 75.7

206 22.0 17.4 26.2





#81

Benzo(a)anthracene

Concen: 47.043 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

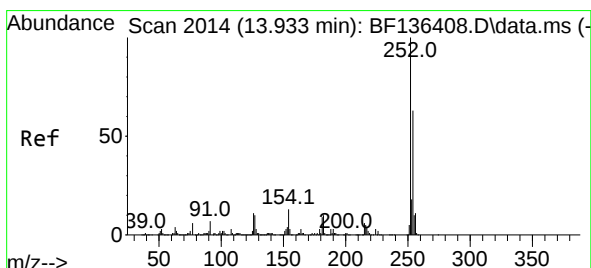
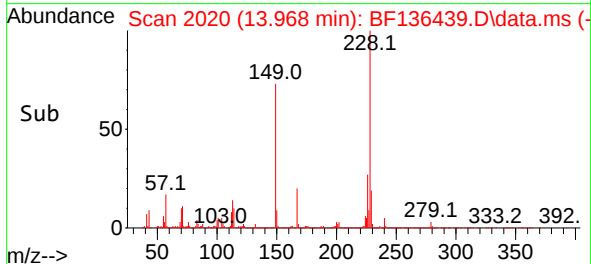
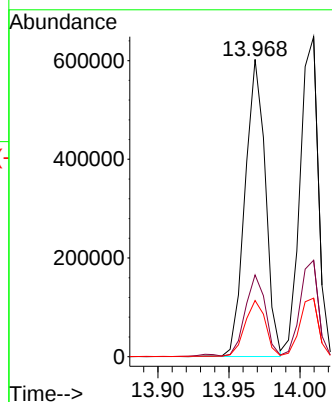
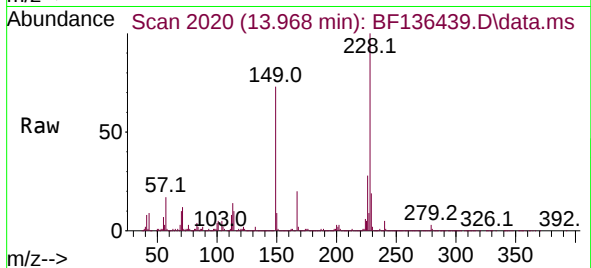
Tgt Ion:228 Resp: 598967

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 18.9 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 64.989 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

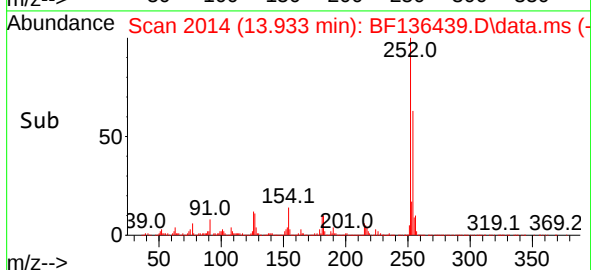
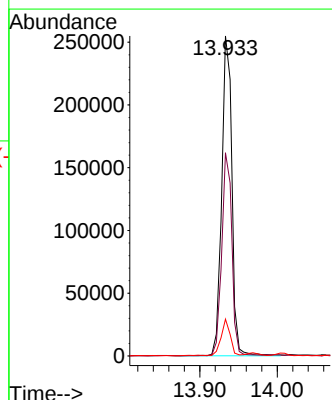
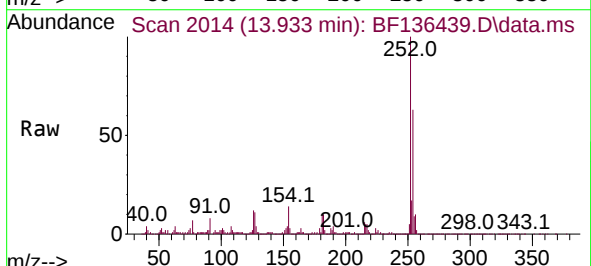
Tgt Ion:252 Resp: 232004

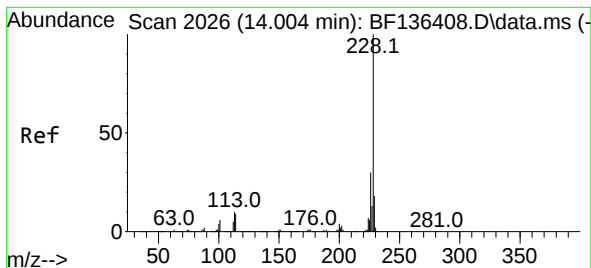
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 11.5 8.6 12.8





#83

Chrysene

Concen: 46.229 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

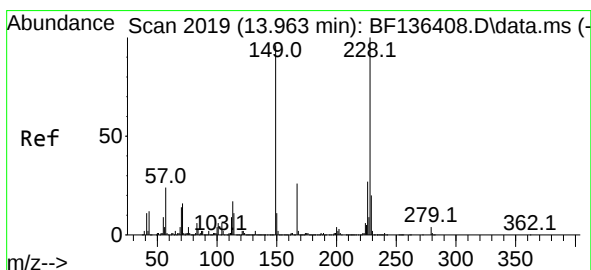
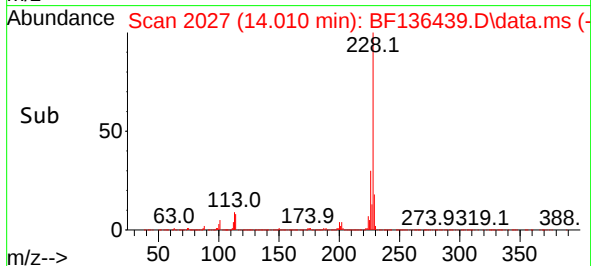
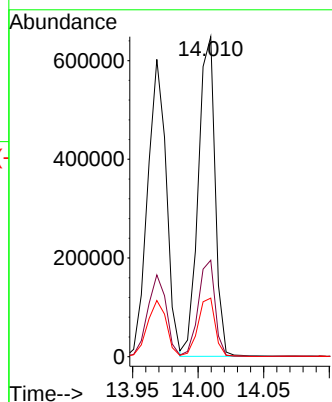
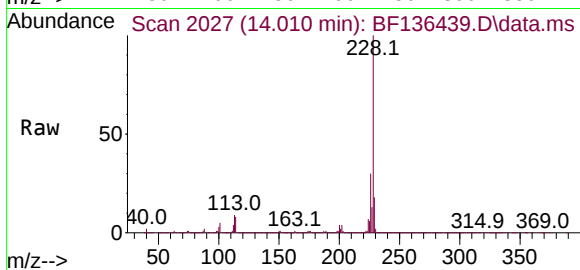
Tgt Ion:228 Resp: 579113

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 18.3 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.867 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

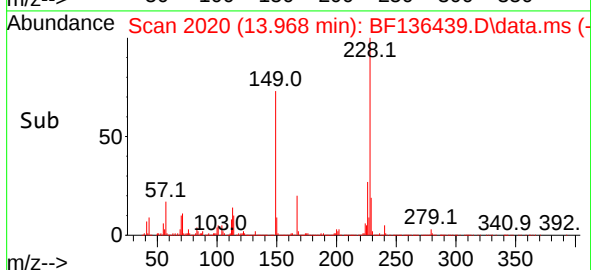
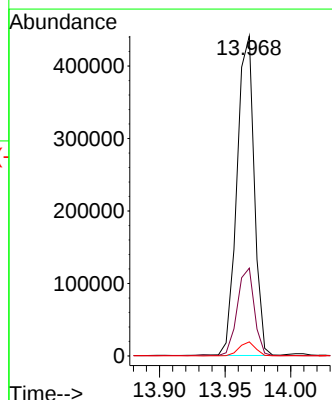
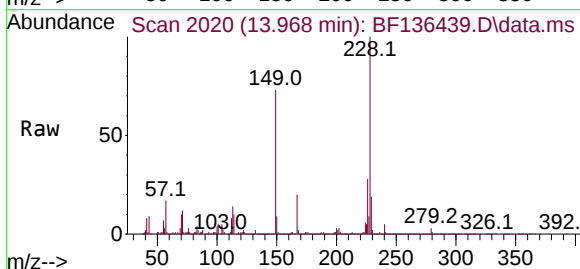
Tgt Ion:149 Resp: 405197

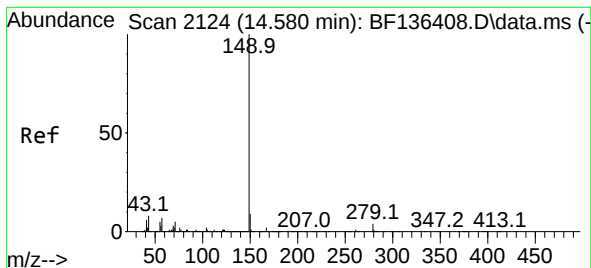
Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.972 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

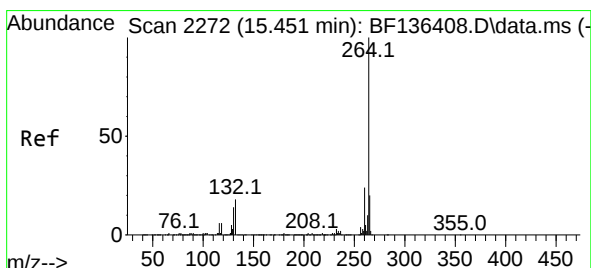
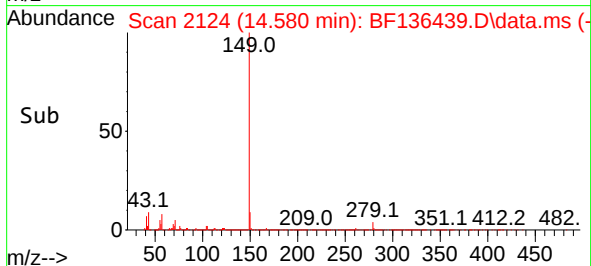
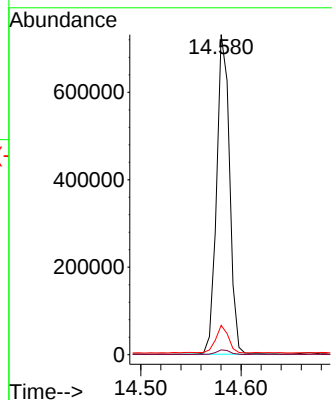
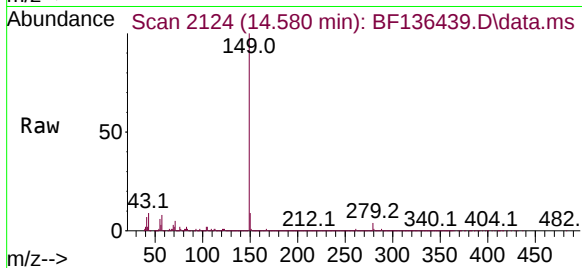
Tgt Ion:149 Resp: 657433

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

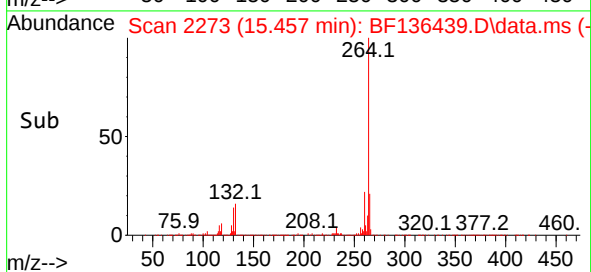
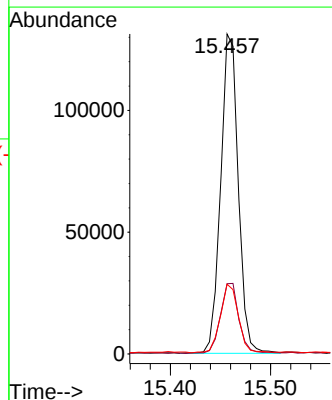
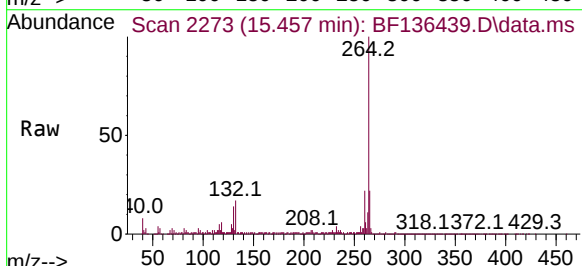
Tgt Ion:264 Resp: 159793

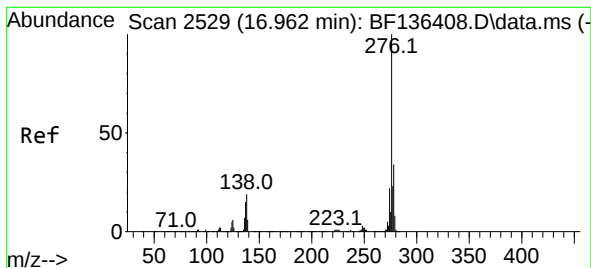
Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 21.8 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.198 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

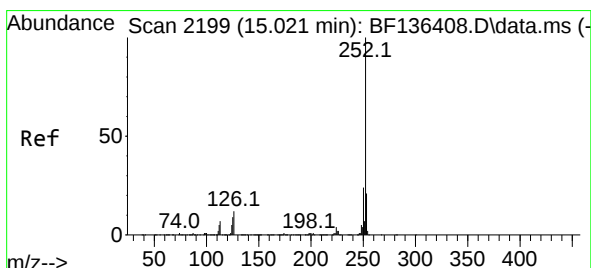
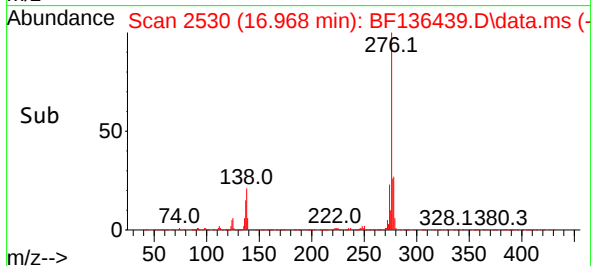
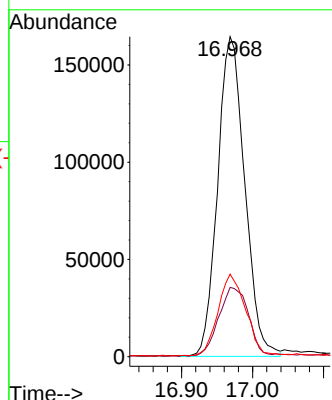
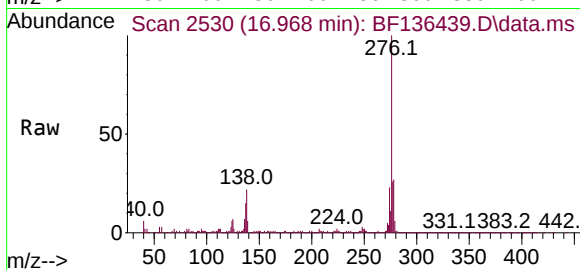
Tgt Ion:276 Resp: 435140

Ion Ratio Lower Upper

276 100

138 23.6 19.0 28.4

277 26.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.951 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

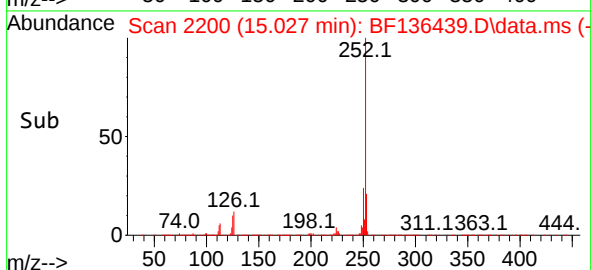
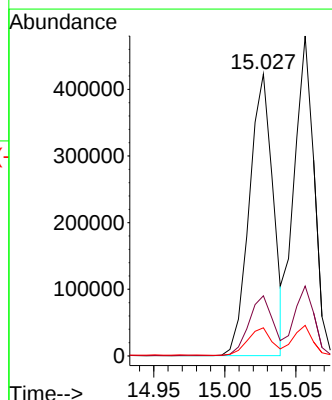
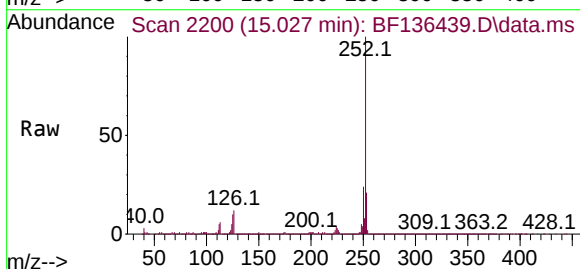
Tgt Ion:252 Resp: 491115

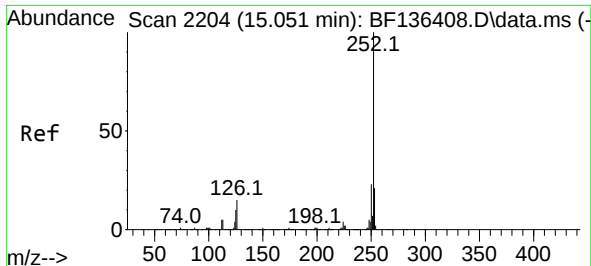
Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

125 10.0 7.4 11.2

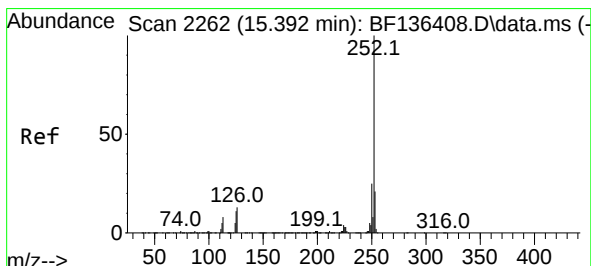
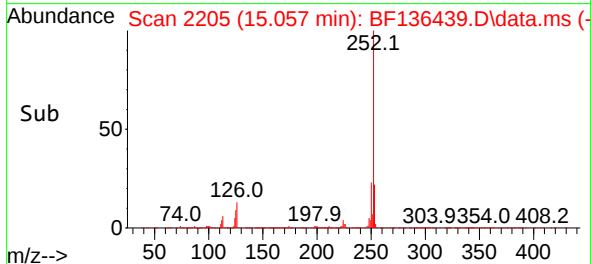
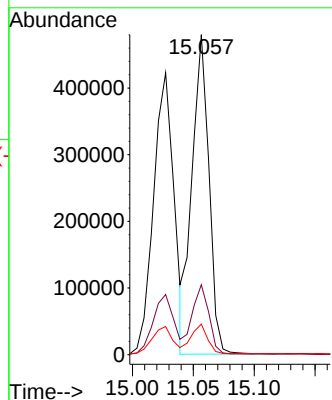
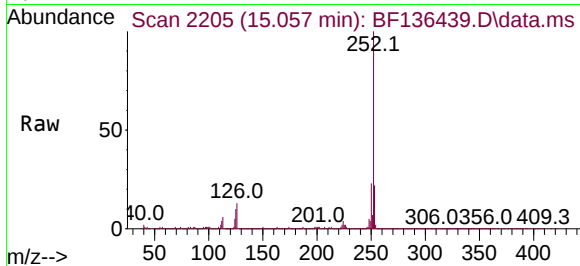




#89
Benzo(k)fluoranthene
Concen: 45.162 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

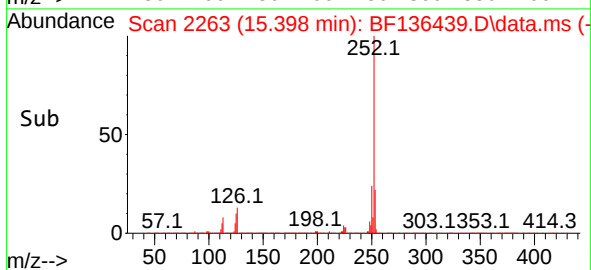
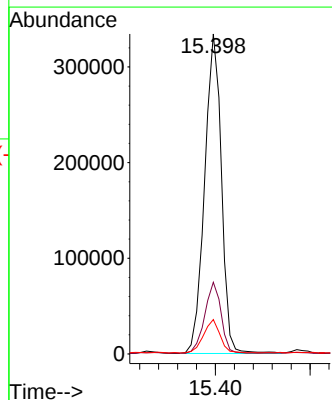
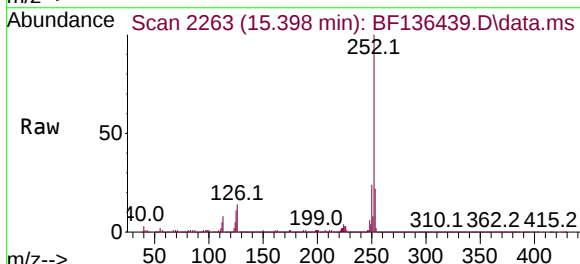
Instrument :
BNA_F
ClientSampleId :

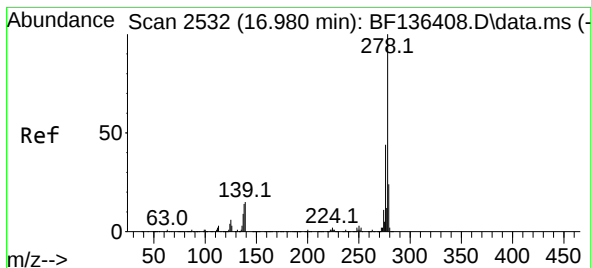
Tgt Ion:252 Resp: 465004
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.518 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:252 Resp: 410699
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 10.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 41.325 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

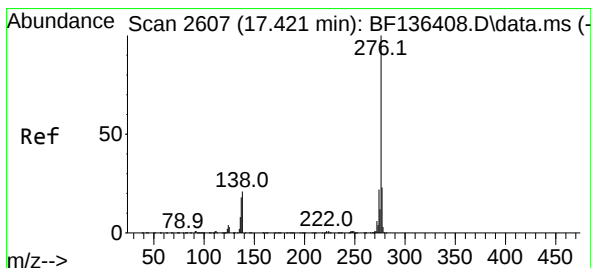
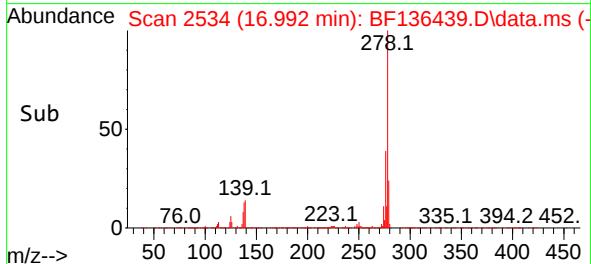
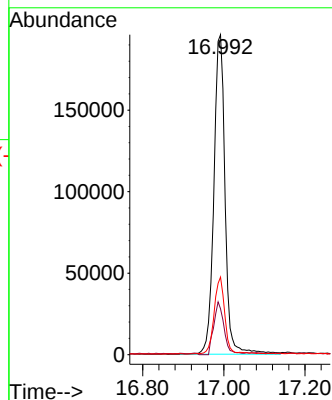
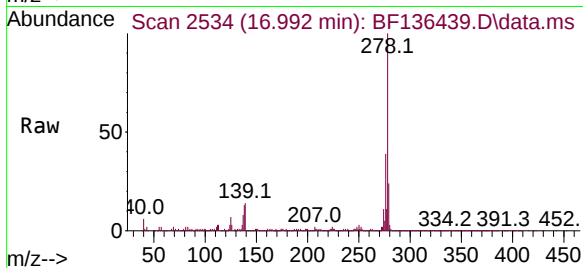
Tgt Ion:278 Resp: 375827

Ion Ratio Lower Upper

278 100

139 14.3 12.2 18.4

279 24.2 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 35.776 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:276 Resp: 333954

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 20.6 16.6 25.0

