

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135937.D
 Acq On : 25 Oct 2023 12:05
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 16:21:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 16:19:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	191952	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	800483	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	404837	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	756174	20.000	ng	0.00
76) Chrysene-d12	14.004	240	576606	20.000	ng	0.00
86) Perylene-d12	15.486	264	519772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	128618	10.347	ng	-0.01
7) Phenol-d6	6.439	99	162492	10.500	ng	-0.02
23) Nitrobenzene-d5	7.381	82	64634	12.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	26758	7.551	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	292640	11.575	ng	0.00
79) Terphenyl-d14	12.945	244	333526	9.664	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	29199	5.057	ng	99
3) Pyridine	3.363	79	78750	4.941	ng	98
4) n-Nitrosodimethylamine	3.304	42	34354	4.943	ng	# 95
6) Aniline	6.481	93	107819	5.186	ng	99
8) 2-Chlorophenol	6.598	128	66923	5.200	ng	97
9) Benzaldehyde	6.369	77	54889	6.557	ng	93
10) Phenol	6.451	94	84119	5.212	ng	97
11) bis(2-Chloroethyl)ether	6.557	93	66408	5.273	ng	98
12) 1,3-Dichlorobenzene	6.763	146	73644	5.388	ng	97
13) 1,4-Dichlorobenzene	6.839	146	74942	5.459	ng	99
14) 1,2-Dichlorobenzene	6.992	146	69971	5.489	ng	96
15) Benzyl Alcohol	6.957	79	56272	5.144	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	99256	5.352	ng	99
17) 2-Methylphenol	7.063	107	58844	5.188	ng	98
18) Hexachloroethane	7.334	117	23120	4.953	ng	96
19) n-Nitroso-di-n-propyla...	7.228	70	46246	5.255	ng	99
20) 3+4-Methylphenols	7.216	107	74105	5.414	ng	91
22) Acetophenone	7.222	105	98578	5.452	ng	# 99
24) Nitrobenzene	7.398	77	41396	5.537	ng	92
25) Isophorone	7.634	82	127097	5.023	ng	99
26) 2-Nitrophenol	7.716	139	7272	5.637	ng	99
27) 2,4-Dimethylphenol	7.751	122	56472	4.897	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	80865	5.204	ng	98
29) 2,4-Dichlorophenol	7.951	162	45511	4.407	ng	98
30) 1,2,4-Trichlorobenzene	8.039	180	60921	5.210	ng	96
31) Naphthalene	8.122	128	204846	5.293	ng	99
32) Benzoic acid	7.798	122	6092	8.534	ng	99
33) 4-Chloroaniline	8.169	127	88348	5.165	ng	98
34) Hexachlorobutadiene	8.245	225	32960	5.001	ng	99
35) Caprolactam	8.492	113	14064	4.093	ng	95
36) 4-Chloro-3-methylphenol	8.645	107	50358	4.589	ng	94
37) 2-Methylnaphthalene	8.816	142	135551	5.294	ng	100
38) 1-Methylnaphthalene	8.916	142	128272	5.361	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	60447	5.287	ng	98
41) Hexachlorocyclopentadiene	8.969	237	22269	3.950	ng	99
43) 2,4,6-Trichlorophenol	9.086	196	26480	3.957	ng	94

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

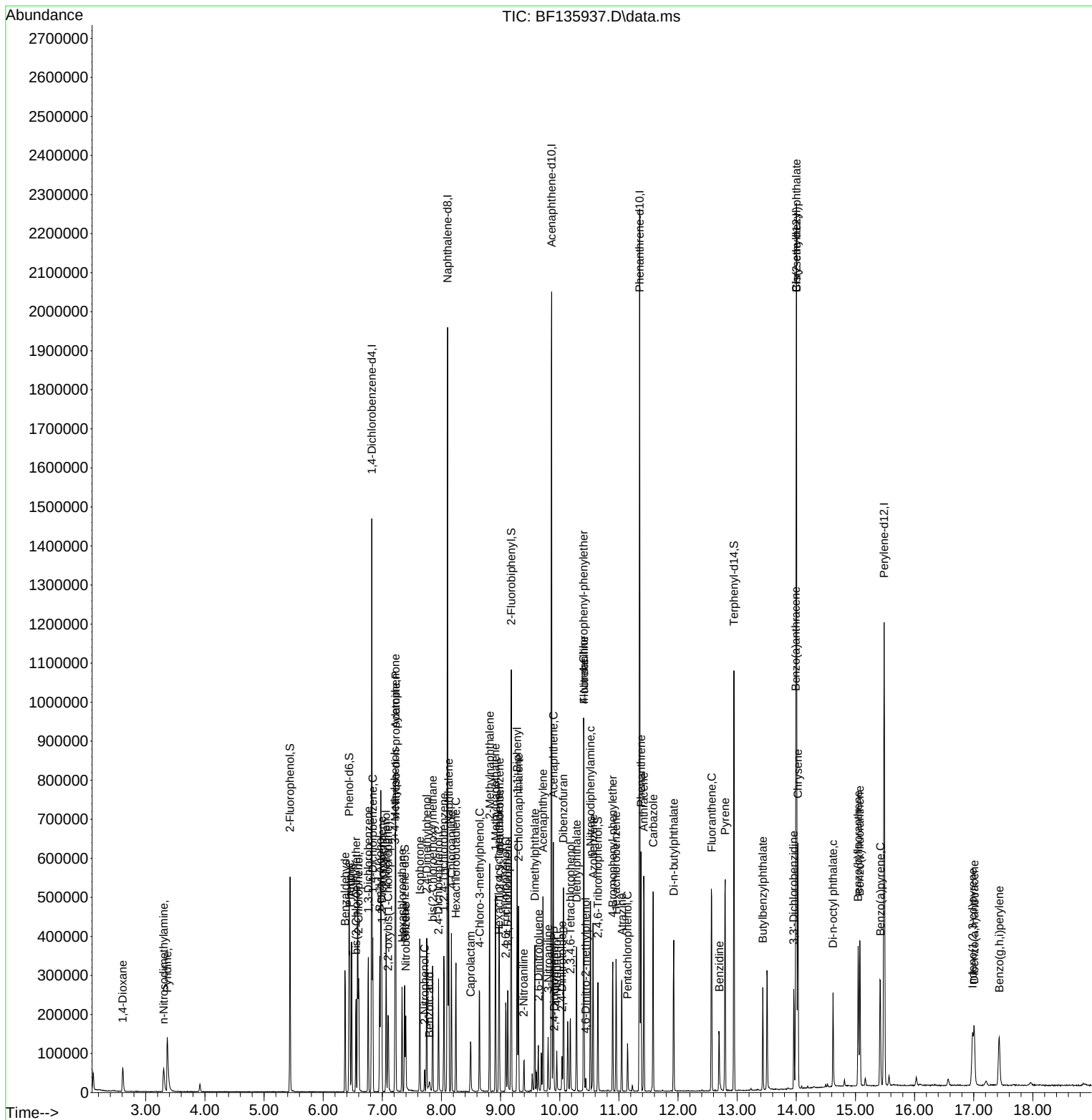
Instrument :
 BNA_F
 ClientSampleId :

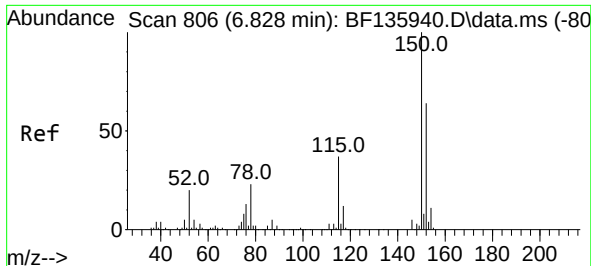
Quant Time: Oct 25 16:21:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	33820	4.256	ng	98
46) 1,1'-Biphenyl	9.280	154	165624	5.399	ng	99
47) 2-Chloronaphthalene	9.304	162	119145	5.251	ng	99
48) 2-Nitroaniline	9.392	65	10111	5.935	ng	85
49) Acenaphthylene	9.716	152	187973	5.251	ng	99
50) Dimethylphthalate	9.580	163	136274	5.191	ng	97
51) 2,6-Dinitrotoluene	9.639	165	9293	6.396	ng	94
52) Acenaphthene	9.892	154	119686	5.217	ng	98
53) 3-Nitroaniline	9.804	138	12697	6.326	ng #	89
54) 2,4-Dinitrophenol	9.904	184	1550	5.078	ng #	1
55) Dibenzofuran	10.063	168	178023	5.372	ng	97
56) 4-Nitrophenol	9.951	139	8365	7.641	ng #	67
57) 2,4-Dinitrotoluene	10.039	165	9417	7.056	ng #	82
58) Fluorene	10.410	166	136836	5.519	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	22547	3.771	ng	97
60) Diethylphthalate	10.286	149	125818	5.026	ng	97
61) 4-Chlorophenyl-phenyle...	10.404	204	67619	5.654	ng	97
62) 4-Nitroaniline	10.410	138	13376	6.523	ng #	80
63) Azobenzene	10.563	77	132669	5.222	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	2454	8.185	ng #	66
66) n-Nitrosodiphenylamine	10.522	169	118874	5.204	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	38811	5.012	ng	96
68) Hexachlorobenzene	10.951	284	42357	5.120	ng	98
69) Atrazine	11.051	200	32535	5.224	ng	98
70) Pentachlorophenol	11.145	266	12866	6.548	ng	98
71) Phenanthrene	11.374	178	202629	5.297	ng	99
72) Anthracene	11.422	178	205598	5.249	ng	99
73) Carbazole	11.580	167	181064	5.182	ng	98
74) Di-n-butylphthalate	11.927	149	173232	4.659	ng	98
75) Fluoranthene	12.569	202	209265	5.199	ng	99
77) Benzidine	12.698	184	64867	5.834	ng	100
78) Pyrene	12.798	202	218077	4.504	ng	99
80) Butylbenzylphthalate	13.433	149	47067	6.194	ng	91
81) Benzo(a)anthracene	13.992	228	191124	4.875	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	52218	4.378	ng	97
83) Chrysene	14.027	228	184084	4.821	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	81100	4.074	ng	98
85) Di-n-octyl phthalate	14.621	149	101424	3.234	ng	97
87) Indeno(1,2,3-cd)pyrene	16.980	276	117762	3.996	ng	99
88) Benzo(b)fluoranthene	15.045	252	156441	5.057	ng	97
89) Benzo(k)fluoranthene	15.074	252	148687	4.894	ng	99
90) Benzo(a)pyrene	15.421	252	133940	4.698	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	100678	3.994	ng	98
92) Benzo(g,h,i)perylene	17.433	276	98385	6.921	ng	98

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

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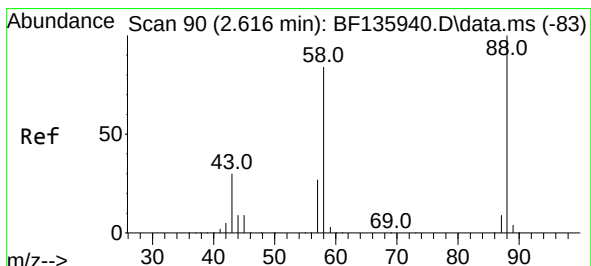
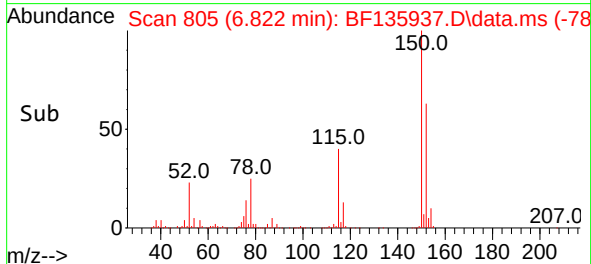
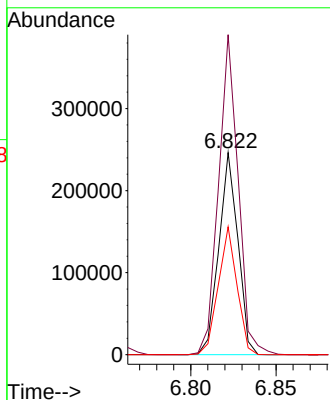
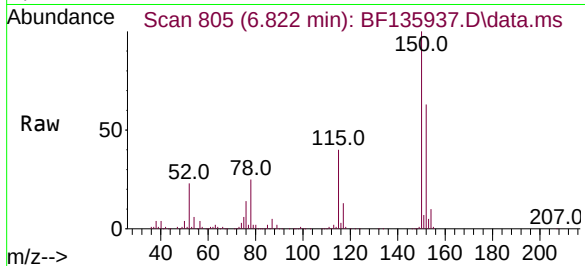




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF135937.D
 Acq: 25 Oct 2023 12:05

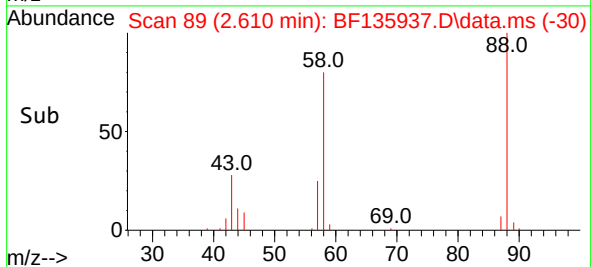
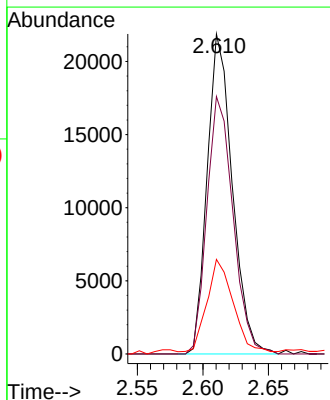
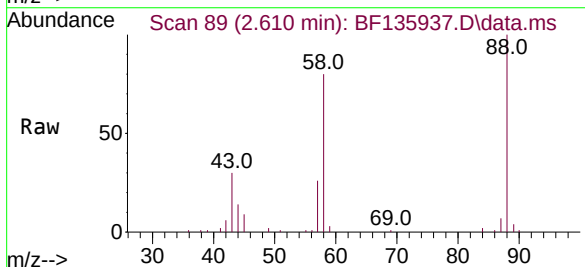
Instrument :
 BNA_F
 ClientSampleId :

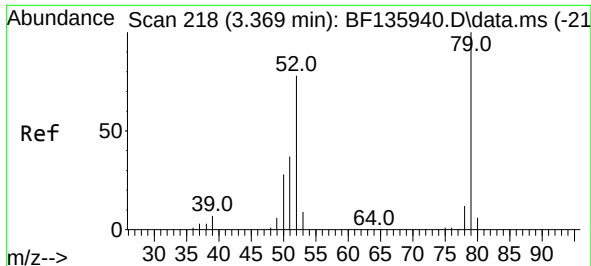
Tgt Ion:152 Resp: 191952
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 63.3 46.6 69.8



#2
 1,4-Dioxane
 Concen: 5.057 ng
 RT: 2.610 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF135937.D
 Acq: 25 Oct 2023 12:05

Tgt Ion: 88 Resp: 29199
 Ion Ratio Lower Upper
 88 100
 58 83.6 66.6 100.0
 43 30.7 23.8 35.8





#3

Pyridine

Concen: 4.941 ng

RT: 3.363 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

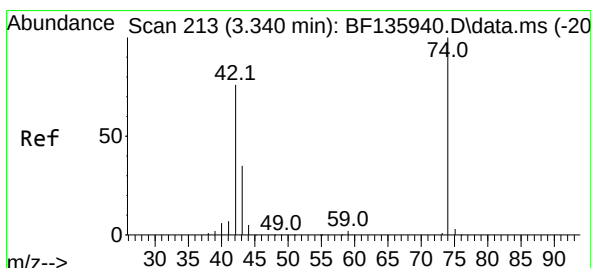
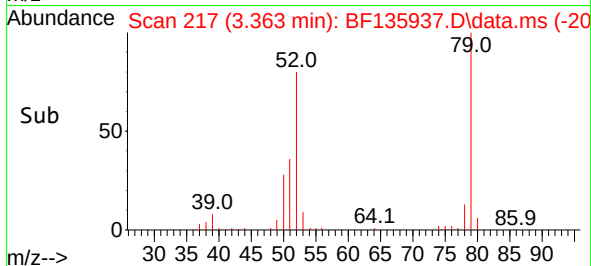
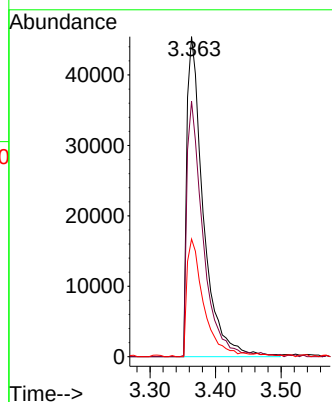
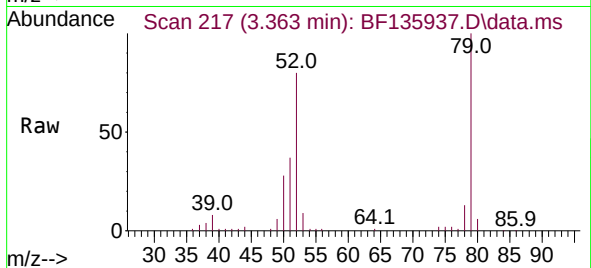
Tgt Ion: 79 Resp: 78750

Ion Ratio Lower Upper

79 100

52 79.8 62.6 93.8

51 36.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 4.943 ng

RT: 3.304 min Scan# 207

Delta R.T. -0.035 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

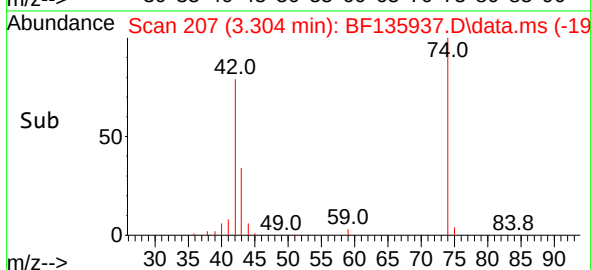
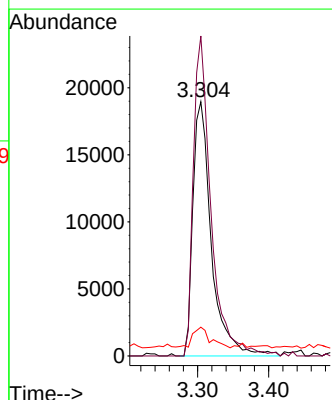
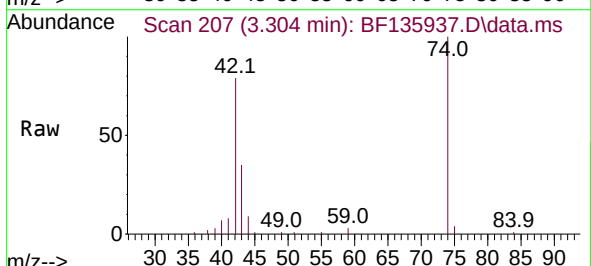
Tgt Ion: 42 Resp: 34354

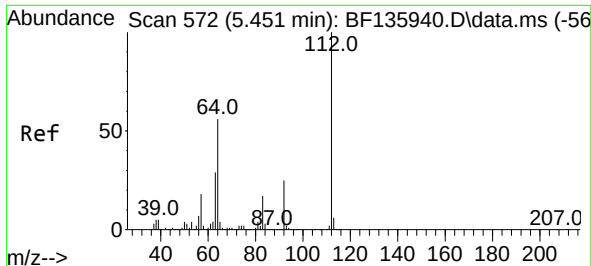
Ion Ratio Lower Upper

42 100

74 125.9 104.8 157.2

44 11.3 5.9 8.9#

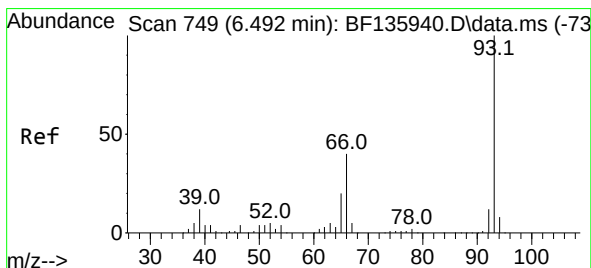
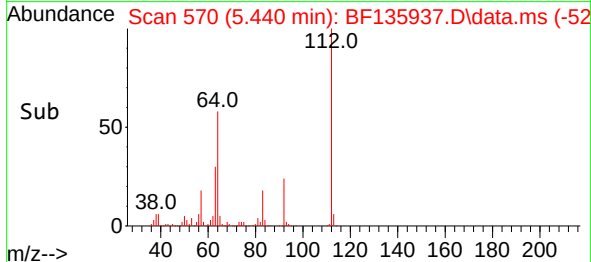
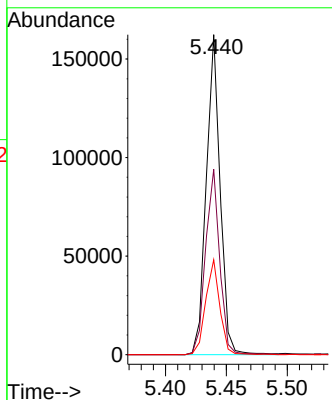
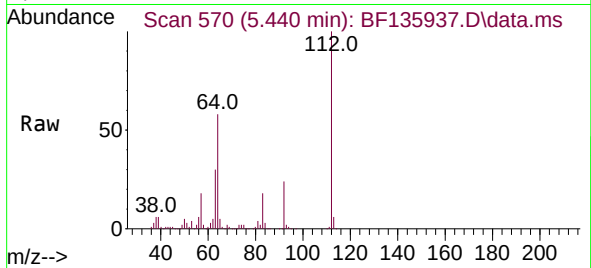




#5
2-Fluorophenol
Concen: 10.347 ng
RT: 5.440 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

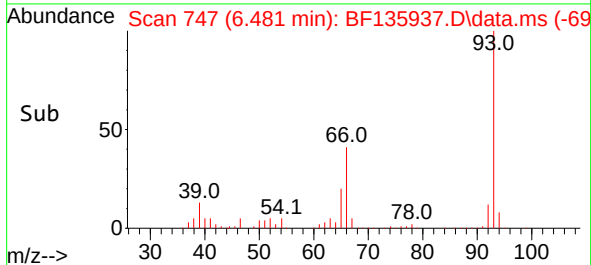
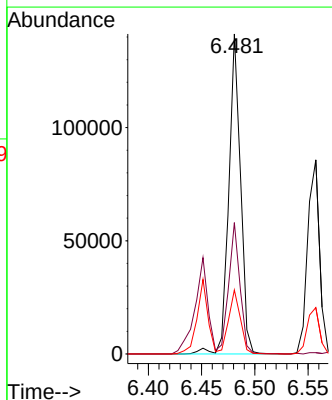
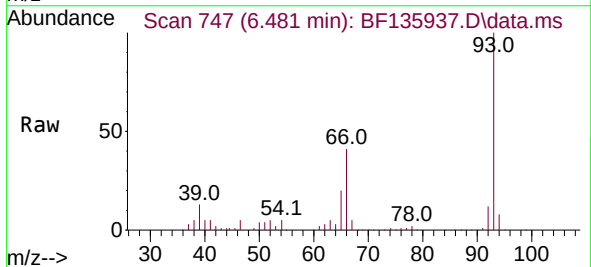
Instrument :
BNA_F
ClientSampleId :

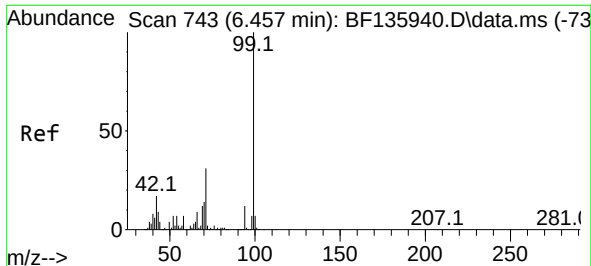
Tgt Ion:112 Resp: 128618
Ion Ratio Lower Upper
112 100
64 58.0 45.1 67.7
63 29.7 23.0 34.4



#6
Aniline
Concen: 5.186 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion: 93 Resp: 107819
Ion Ratio Lower Upper
93 100
66 41.1 32.0 48.0
65 20.0 16.2 24.4

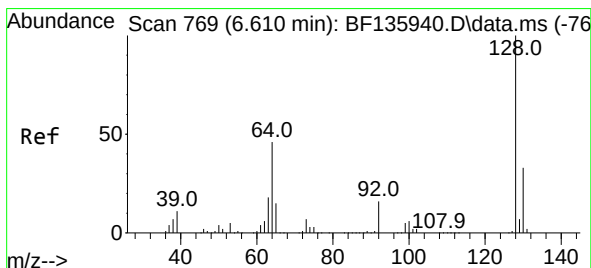
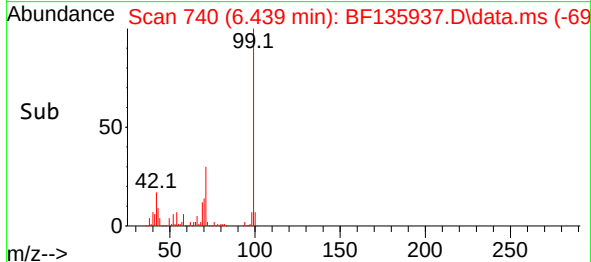
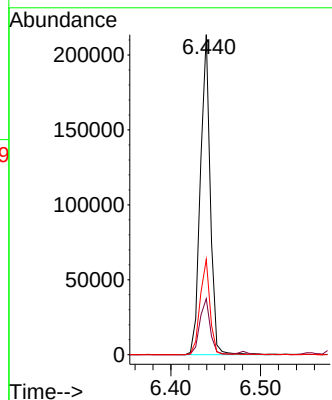
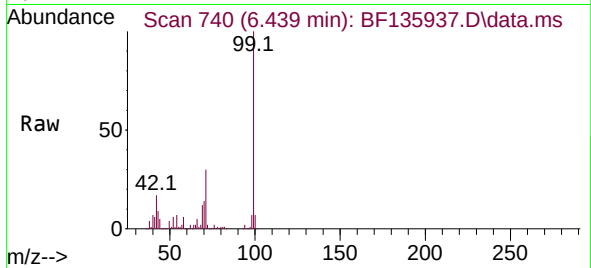




#7
Phenol-d6
Concen: 10.500 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

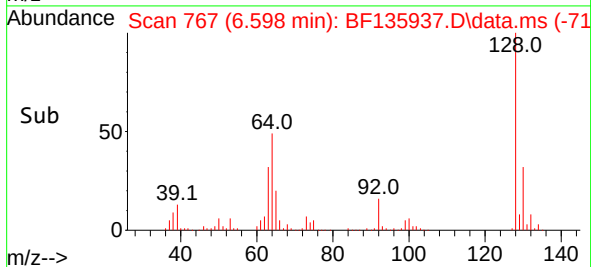
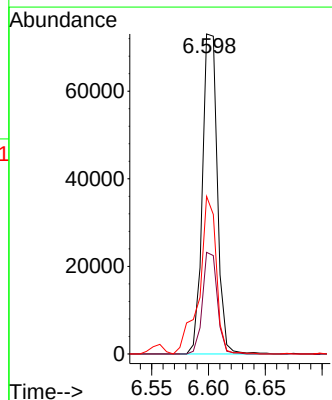
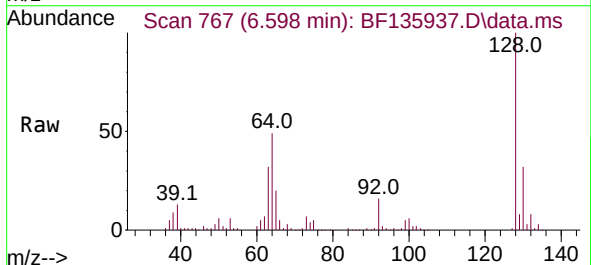
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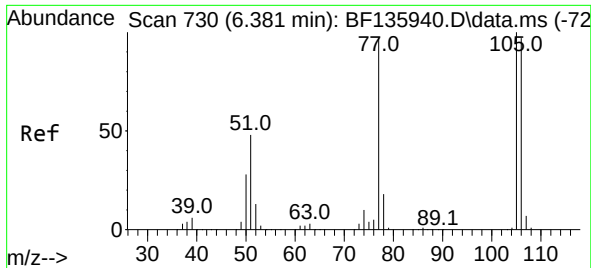
Tgt Ion: 99 Resp: 162492
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 29.8 25.1 37.7



#8
2-Chlorophenol
Concen: 5.200 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion: 128 Resp: 66923
Ion Ratio Lower Upper
128 100
130 31.7 13.1 53.1
64 49.2 27.0 67.0





#9

Benzaldehyde

Concen: 6.557 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

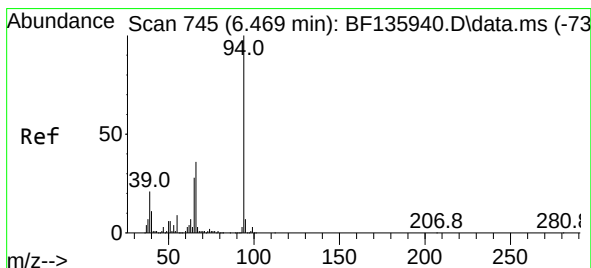
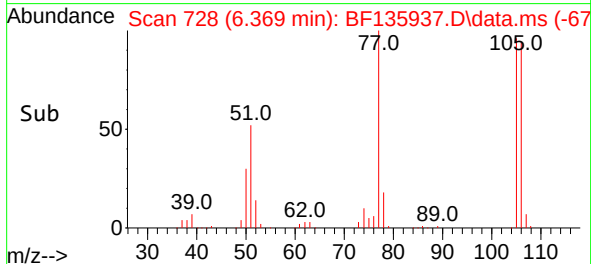
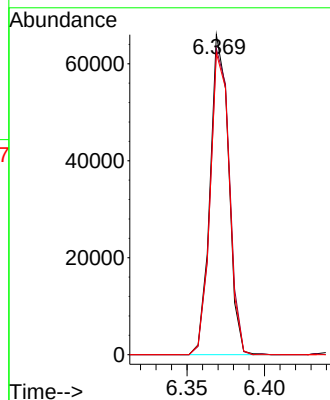
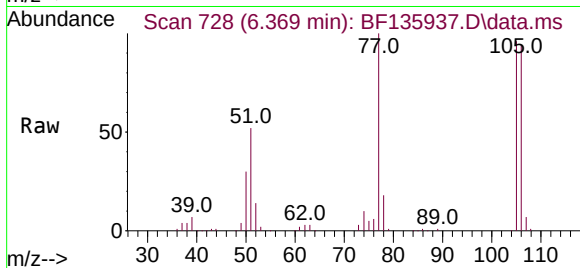
Tgt Ion: 77 Resp: 54889

Ion Ratio Lower Upper

77 100

105 95.6 83.2 123.2

106 94.3 80.0 120.0



#10

Phenol

Concen: 5.212 ng

RT: 6.451 min Scan# 742

Delta R.T. -0.018 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

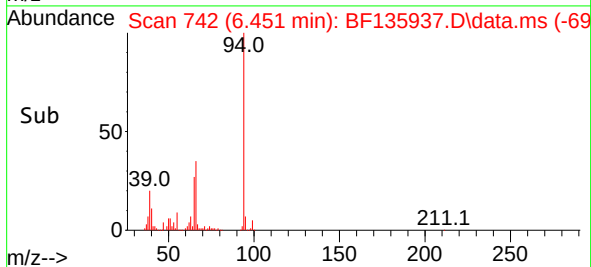
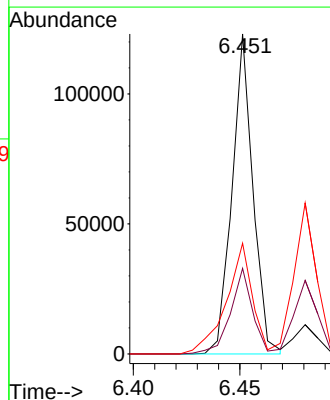
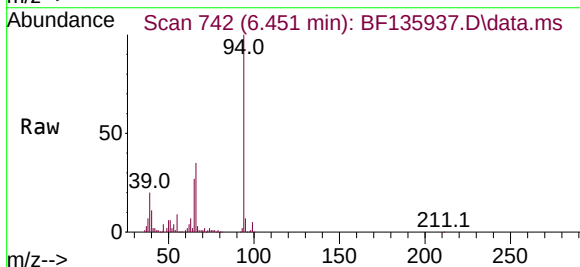
Tgt Ion: 94 Resp: 84119

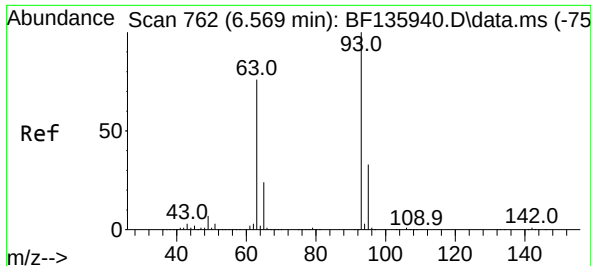
Ion Ratio Lower Upper

94 100

65 26.8 7.8 47.8

66 34.6 16.5 56.5

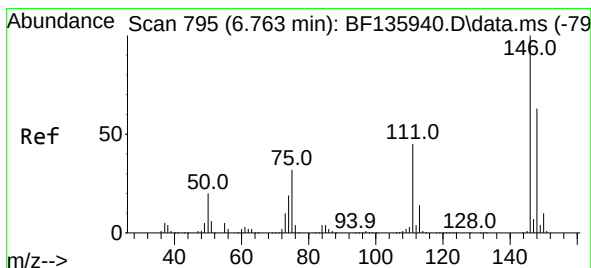
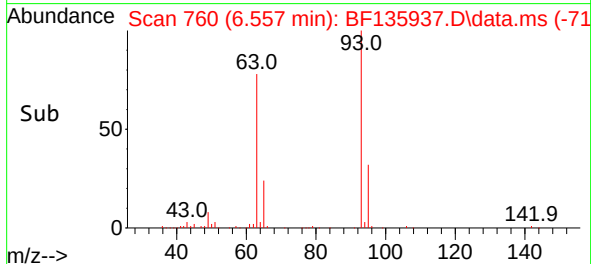
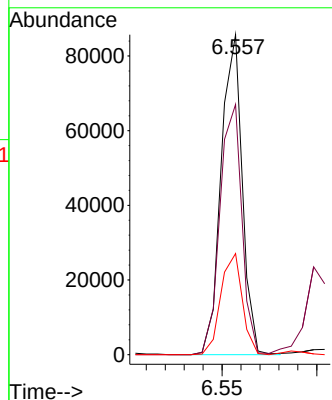
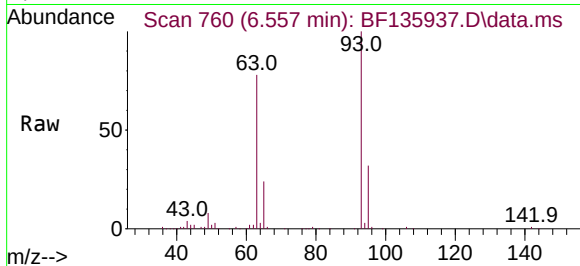




#11
bis(2-Chloroethyl)ether
Concen: 5.273 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

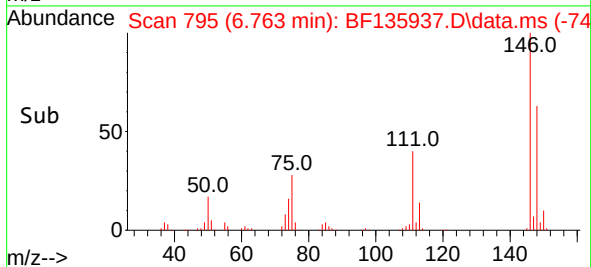
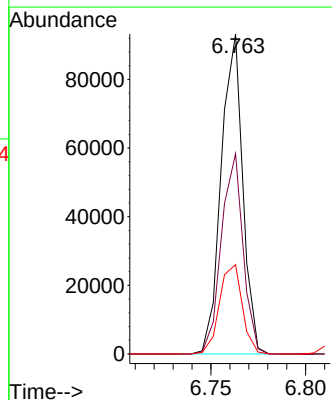
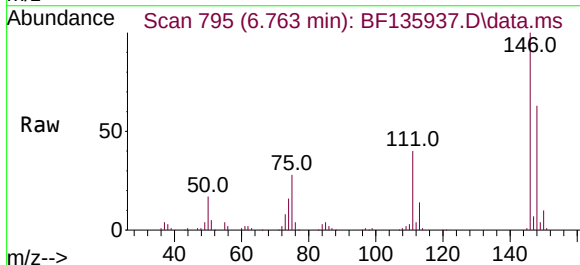
Instrument :
BNA_F
ClientSampleId :

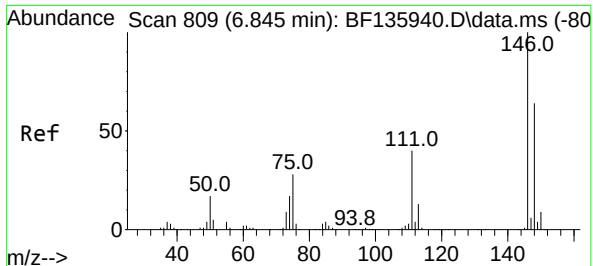
Tgt Ion: 93 Resp: 66408
Ion Ratio Lower Upper
93 100
63 78.2 56.2 96.2
95 31.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 5.388 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:146 Resp: 73644
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.4
75 27.9 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 5.459 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

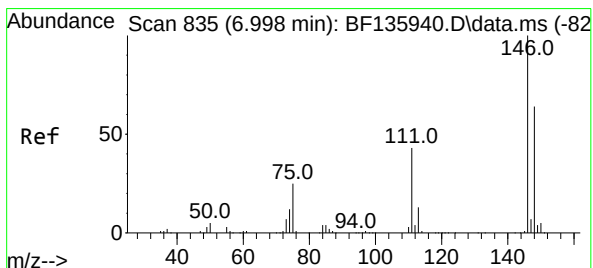
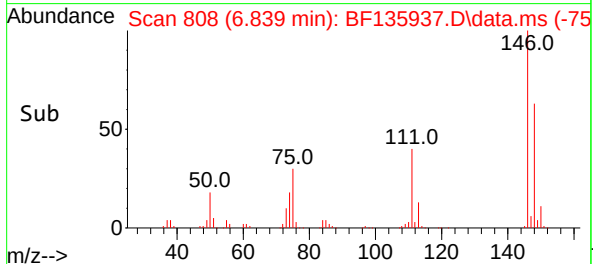
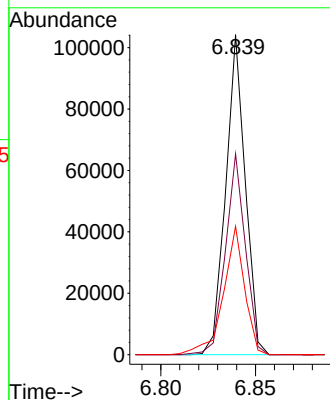
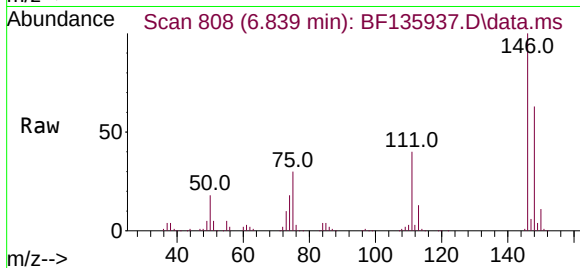
Tgt Ion:146 Resp: 74942

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

111 40.1 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 5.489 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

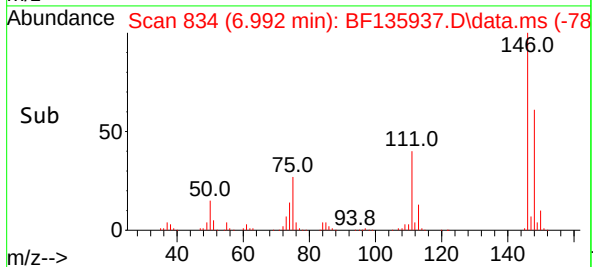
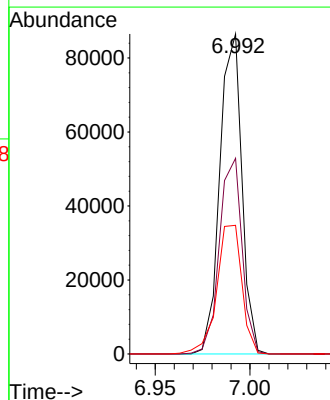
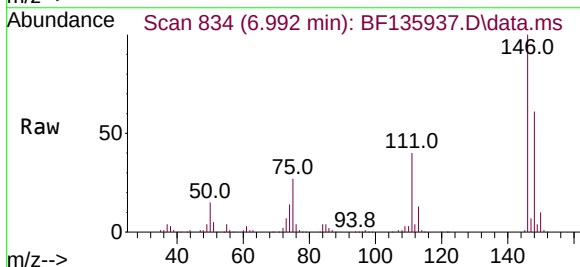
Tgt Ion:146 Resp: 69971

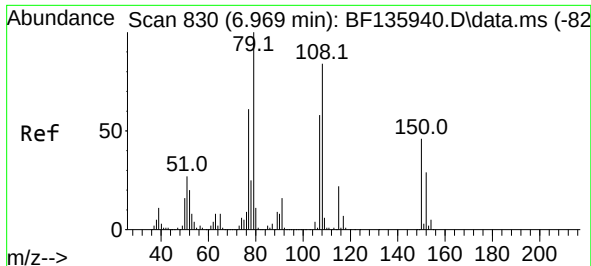
Ion Ratio Lower Upper

146 100

148 61.1 51.4 77.0

111 40.2 34.2 51.4

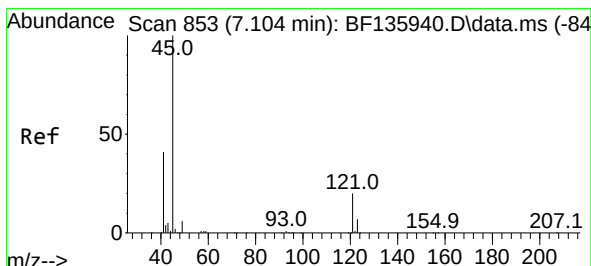
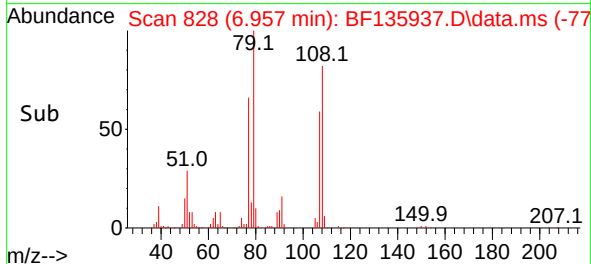
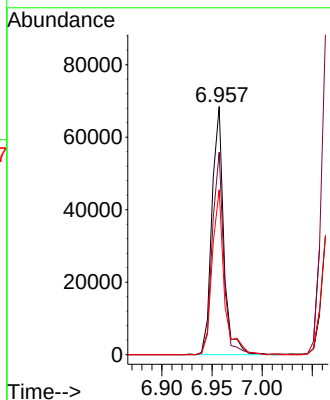
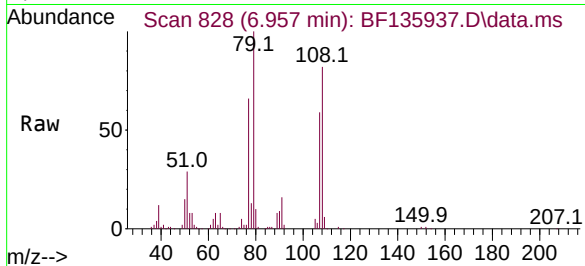




#15
Benzyl Alcohol
Concen: 5.144 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

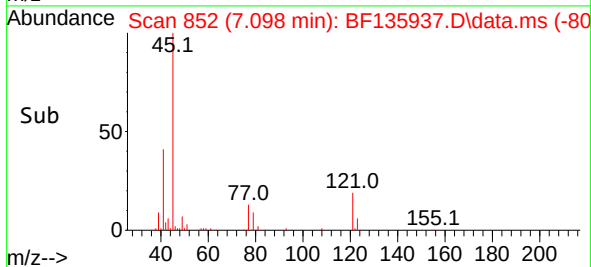
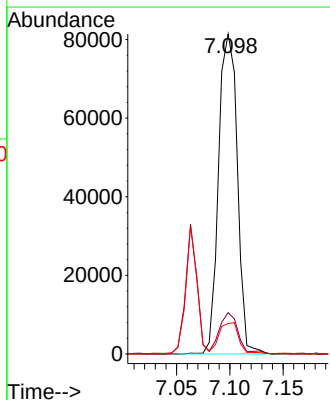
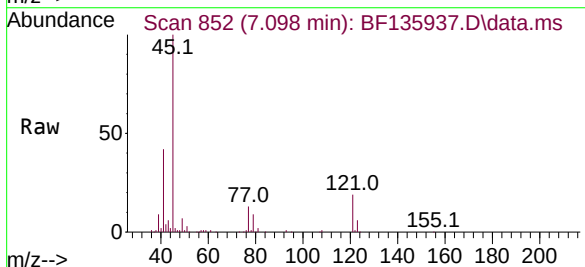
Instrument :
BNA_F
ClientSampleId :

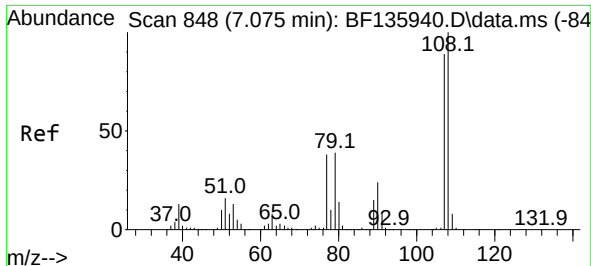
Tgt Ion: 79 Resp: 56272
Ion Ratio Lower Upper
79 100
108 81.5 67.2 100.8
77 66.5 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.352 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

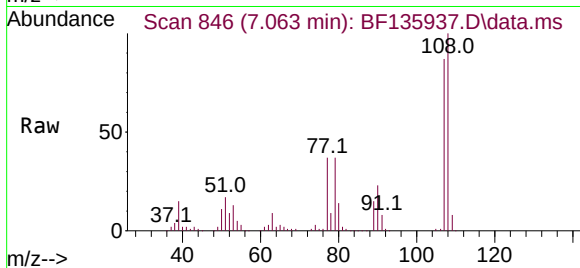
Tgt Ion: 45 Resp: 99256
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.2
79 9.5 0.0 29.8



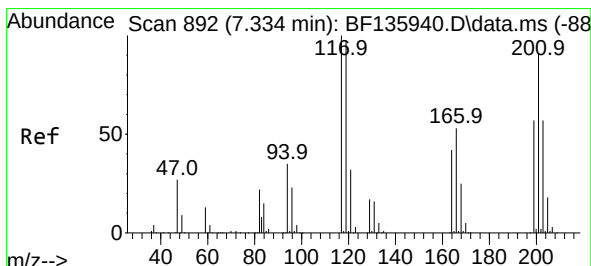
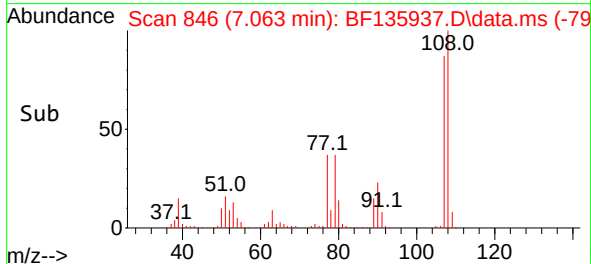
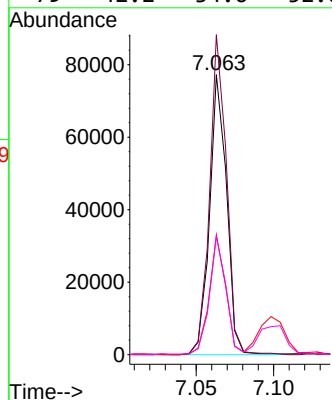


#17
2-Methylphenol
Concen: 5.188 ng
RT: 7.063 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Instrument :
BNA_F
ClientSampleId :

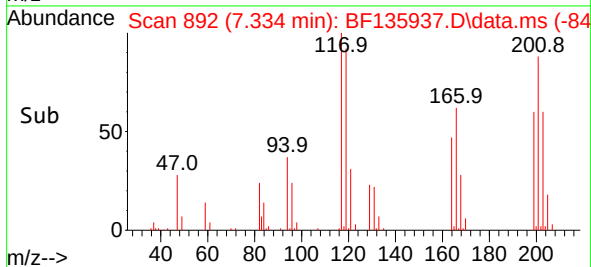
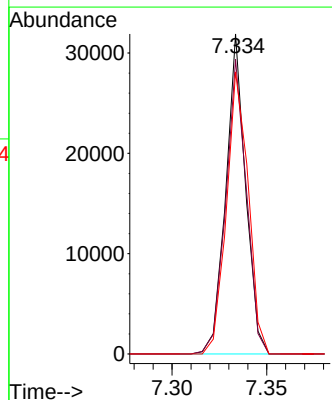
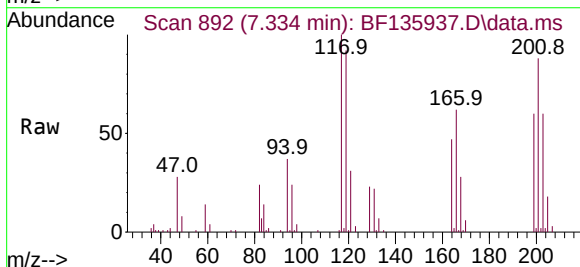


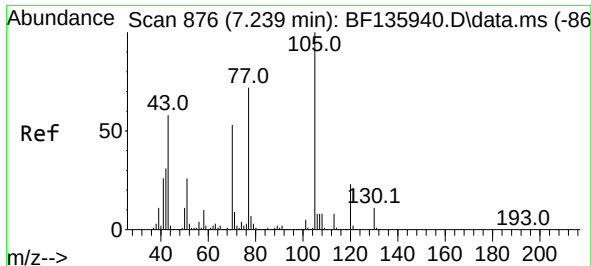
Tgt Ion:	107	Resp:	58844
Ion	Ratio	Lower	Upper
107	100		
108	114.3	89.8	134.6
77	42.8	34.2	51.2
79	42.2	34.6	52.0



#18
Hexachloroethane
Concen: 4.953 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

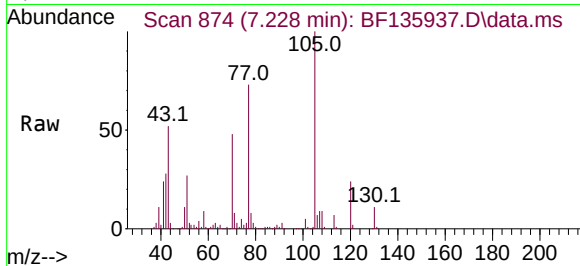
Tgt Ion:	117	Resp:	23120
Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.3	115.9
201	88.1	72.8	109.2



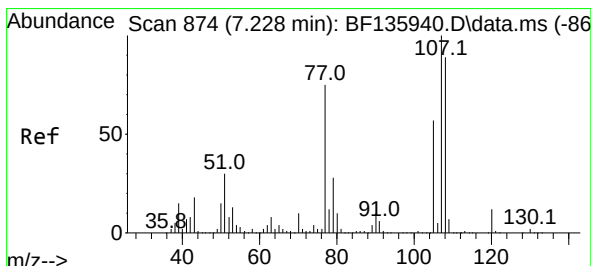
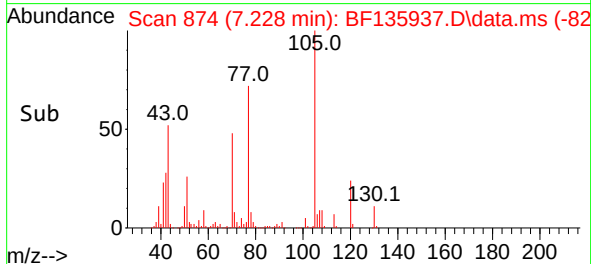
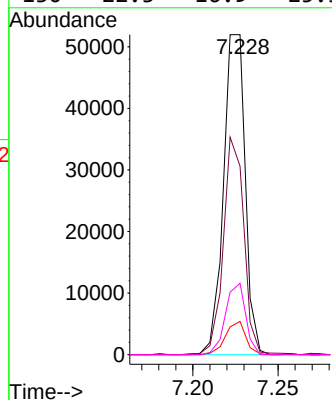


#19
n-Nitroso-di-n-propylamine
Concen: 5.255 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Instrument :
BNA_F
ClientSampleId :

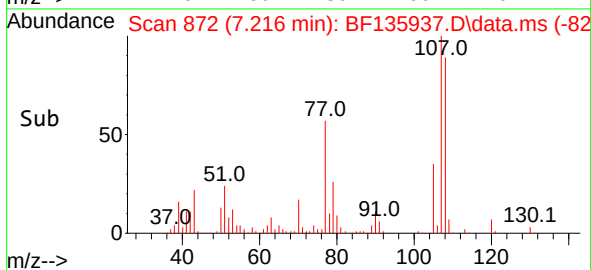
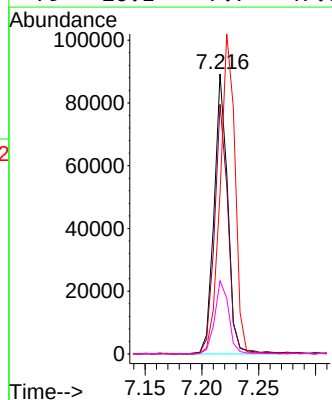
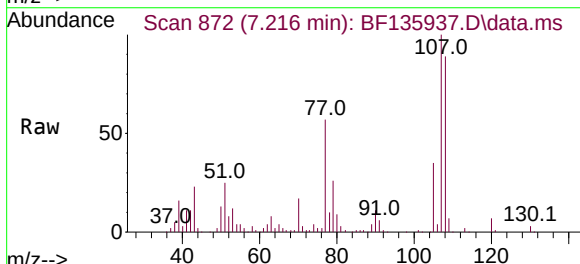


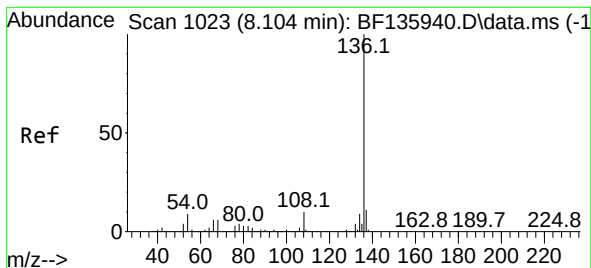
Tgt Ion:	70	Resp:	46246
Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.3	70.9
101	10.4	7.8	11.8
130	22.3	16.9	25.3



#20
3+4-Methylphenols
Concen: 5.414 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:	107	Resp:	74105
Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.1	109.1
77	57.4	55.0	95.0
79	26.1	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

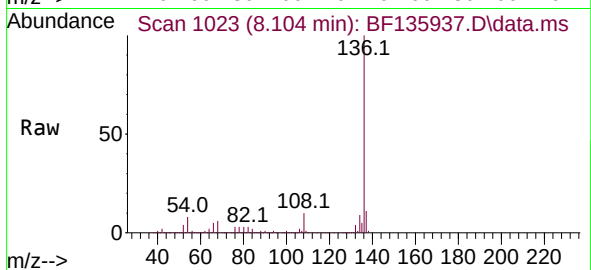
Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 800483

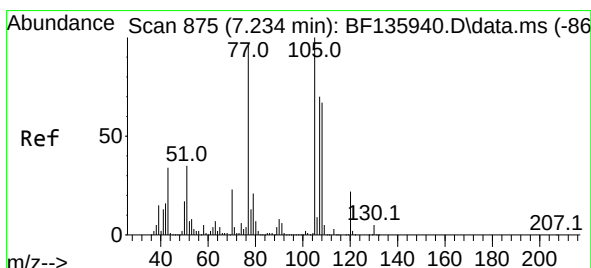
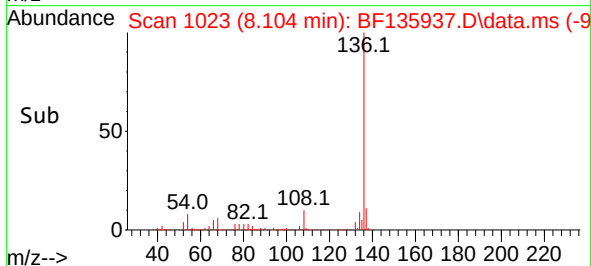
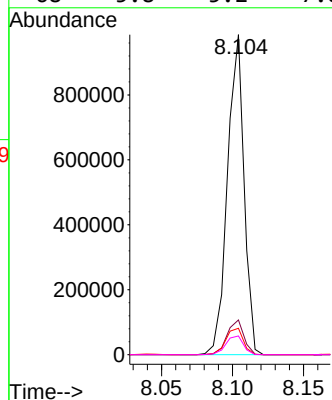
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.3 7.1 10.7

68 5.8 5.2 7.8



#22

Acetophenone

Concen: 5.452 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Tgt Ion:105 Resp: 98578

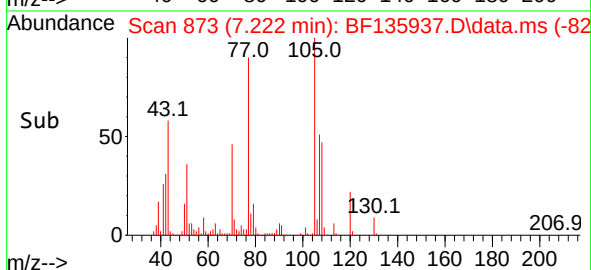
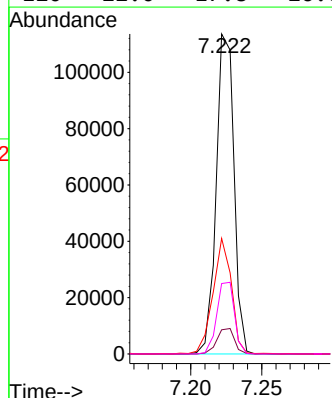
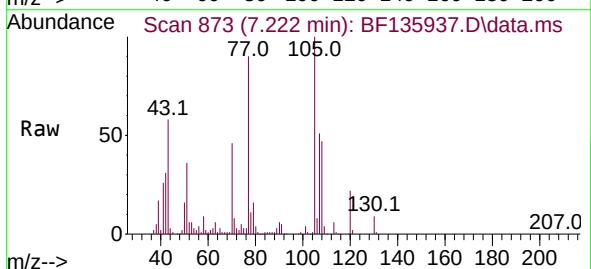
Ion Ratio Lower Upper

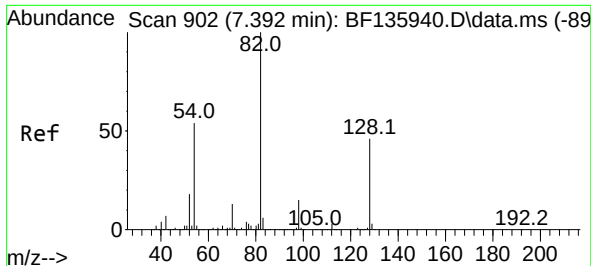
105 100

71 7.5 3.4 5.2#

51 36.1 28.4 42.6

120 22.0 17.8 26.6





#23

Nitrobenzene-d5

Concen: 12.782 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.011 min

Lab File: BF135937.D

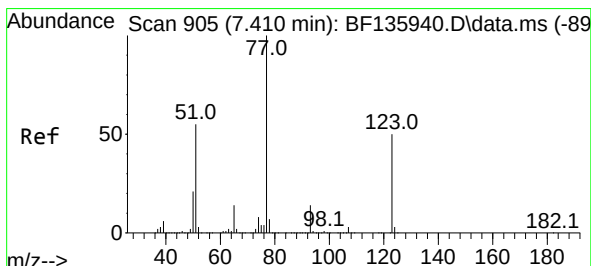
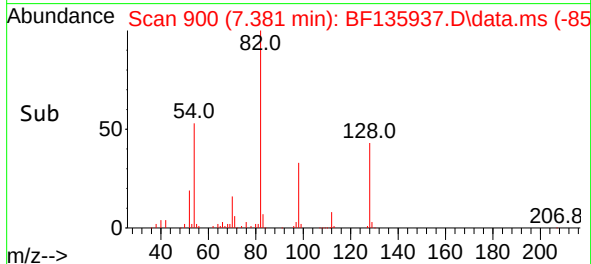
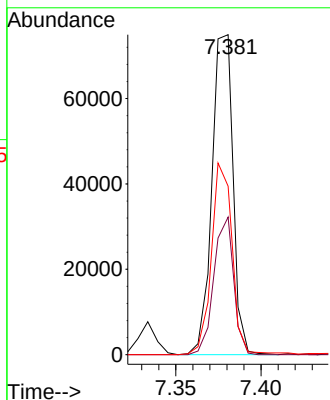
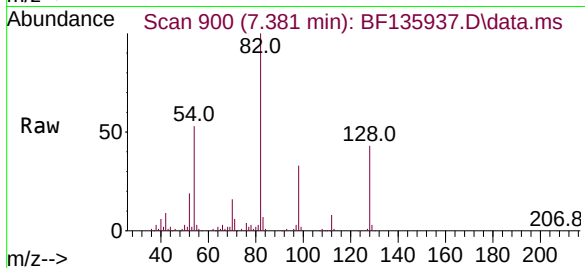
Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	82	Resp:	64634
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.8	55.2
54	52.6	43.4	65.0



#24

Nitrobenzene

Concen: 5.537 ng

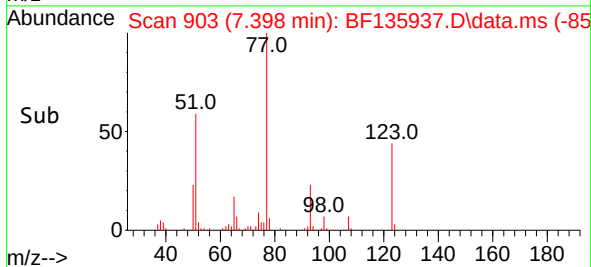
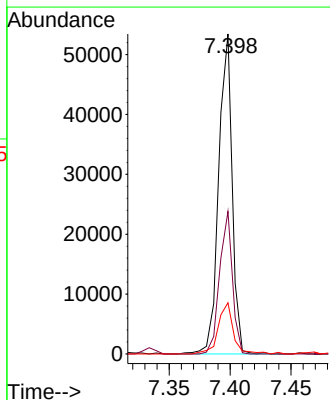
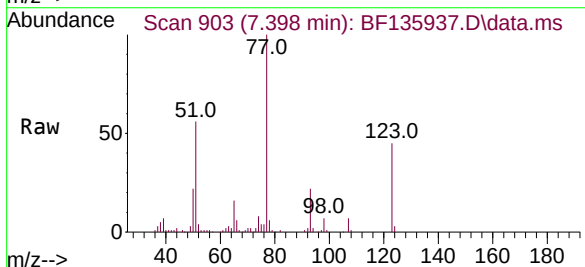
RT: 7.398 min Scan# 903

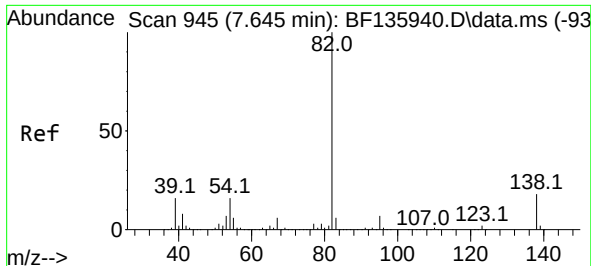
Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Tgt Ion:	77	Resp:	41396
Ion Ratio	Lower	Upper	
77	100		
123	44.5	40.2	60.2
65	16.0	11.0	16.4

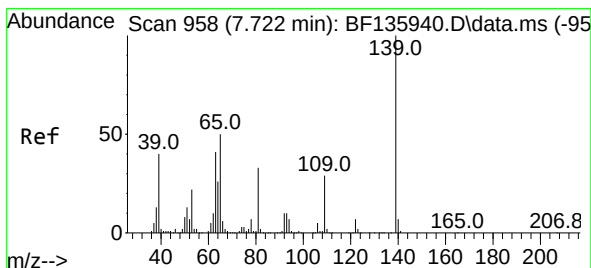
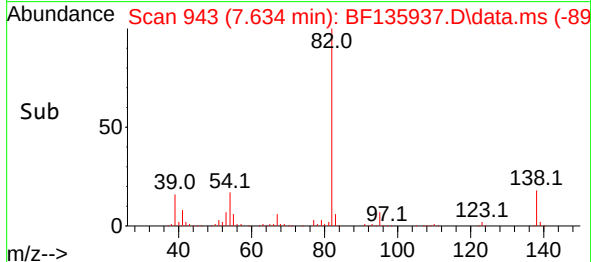
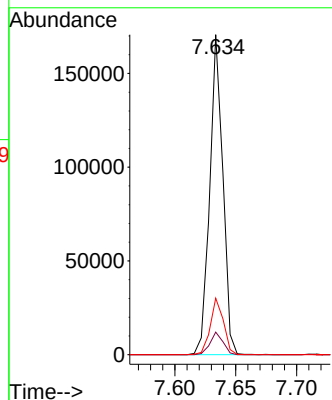
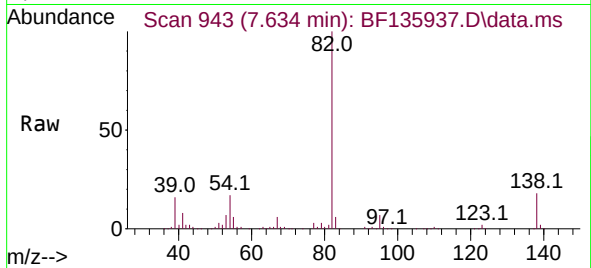




#25
Isophorone
Concen: 5.023 ng
RT: 7.634 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

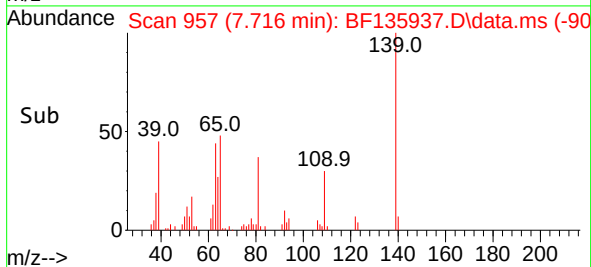
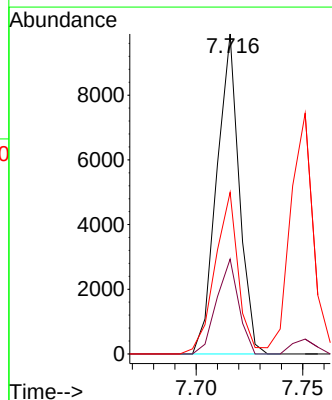
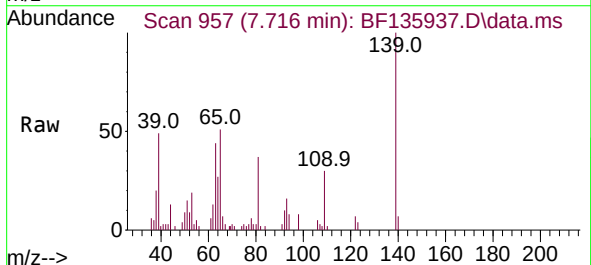
Instrument :
BNA_F
ClientSampleId :

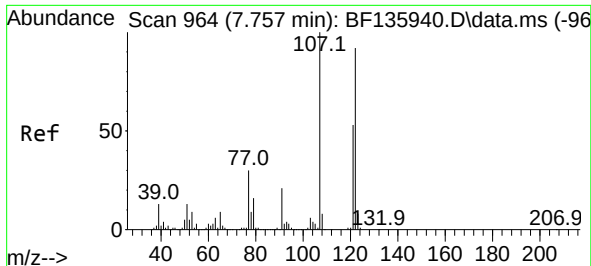
Tgt Ion: 82 Resp: 127097
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.7 14.8 22.2



#26
2-Nitrophenol
Concen: 5.637 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion: 139 Resp: 7272
Ion Ratio Lower Upper
139 100
109 29.6 23.1 34.7
65 50.5 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 4.897 ng

RT: 7.751 min Scan# 90

Delta R.T. -0.006 min

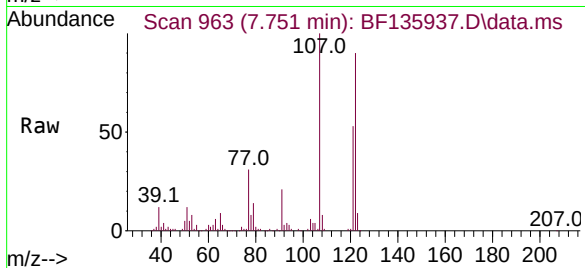
Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :



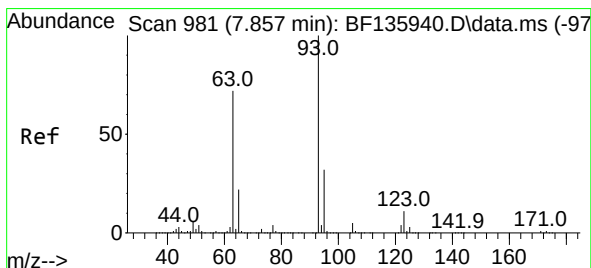
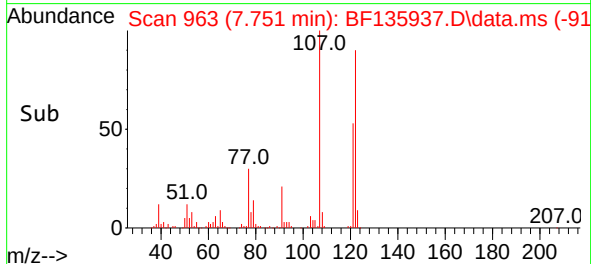
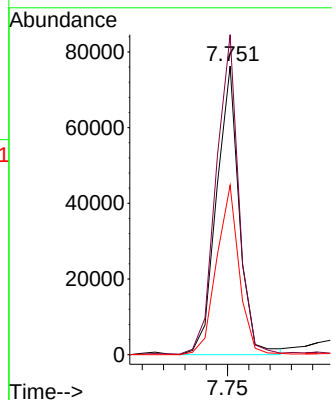
Tgt Ion:122 Resp: 56472

Ion Ratio Lower Upper

122 100

107 110.8 87.1 130.7

121 58.7 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 5.204 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

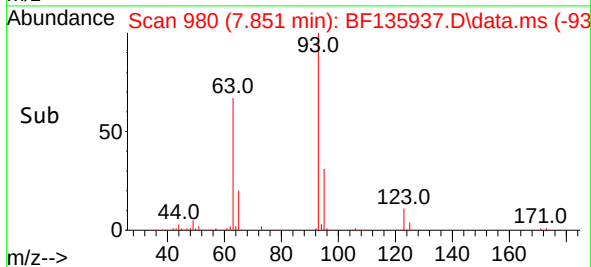
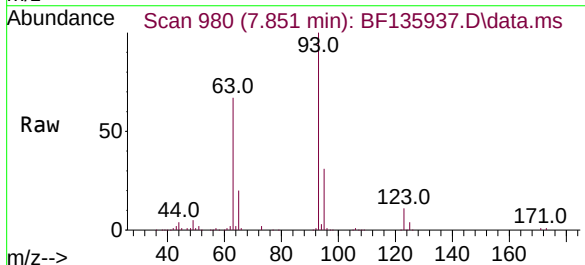
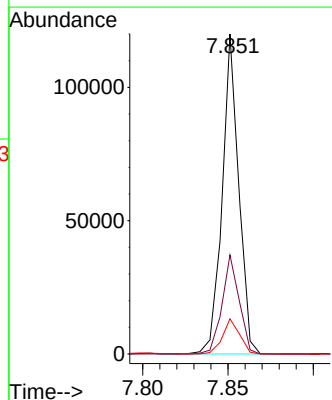
Tgt Ion: 93 Resp: 80865

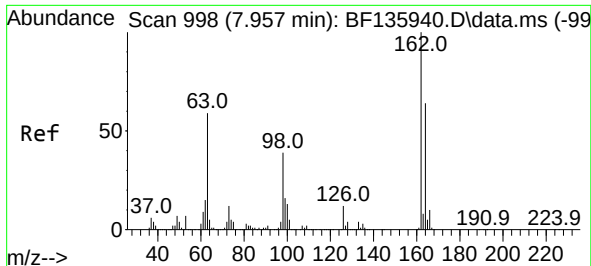
Ion Ratio Lower Upper

93 100

95 30.9 25.9 38.9

123 11.0 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 4.407 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

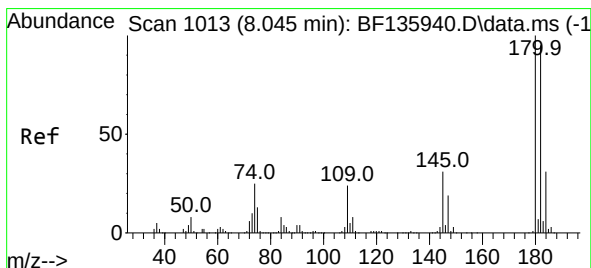
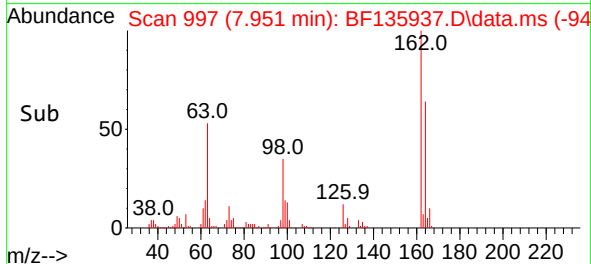
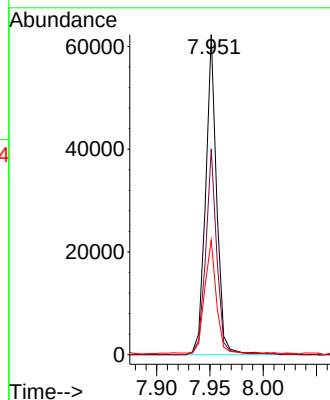
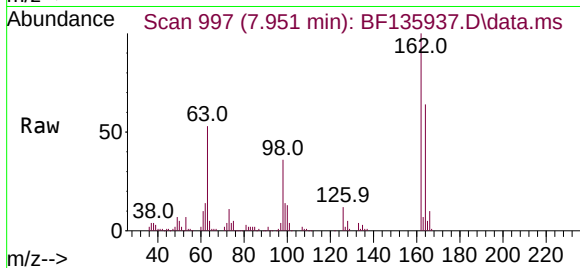
Tgt Ion:162 Resp: 45511

Ion Ratio Lower Upper

162 100

164 64.3 43.7 83.7

98 35.9 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 5.210 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

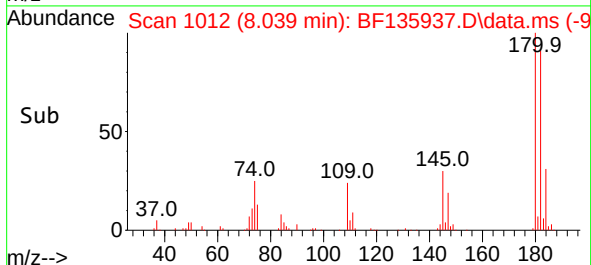
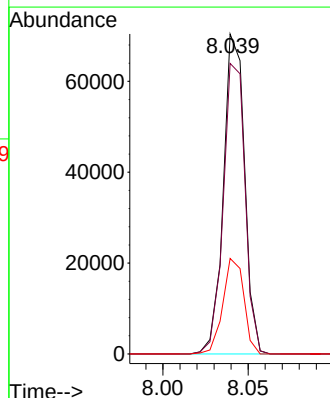
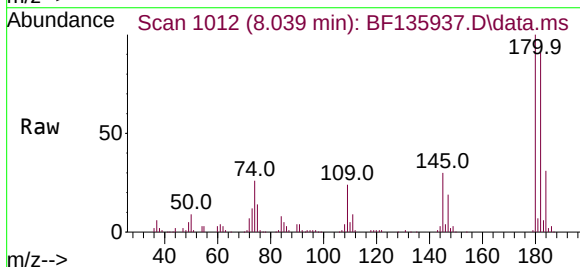
Tgt Ion:180 Resp: 60921

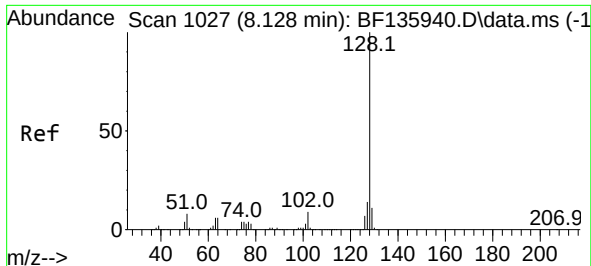
Ion Ratio Lower Upper

180 100

182 90.8 76.0 114.0

145 29.8 24.6 36.8

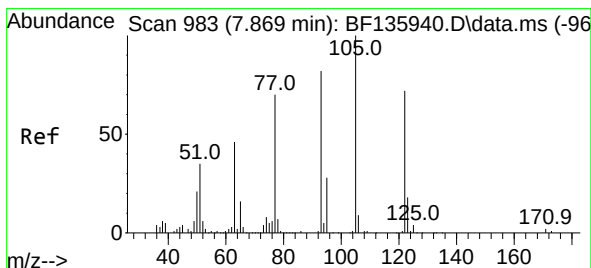
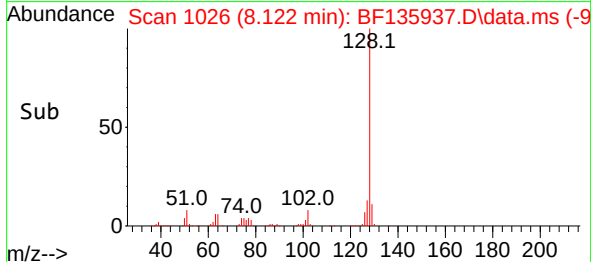
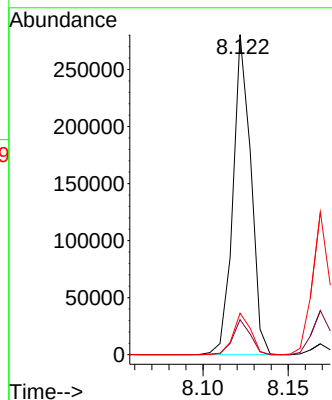
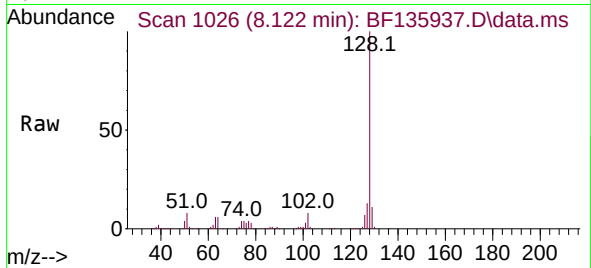




#31
Naphthalene
Concen: 5.293 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

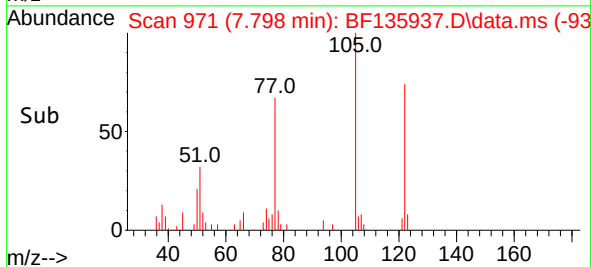
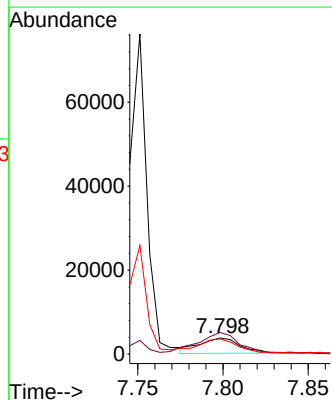
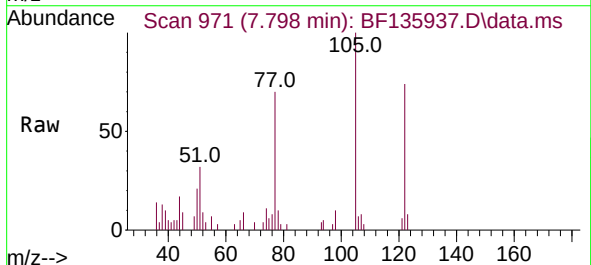
Instrument :
BNA_F
ClientSampleId :

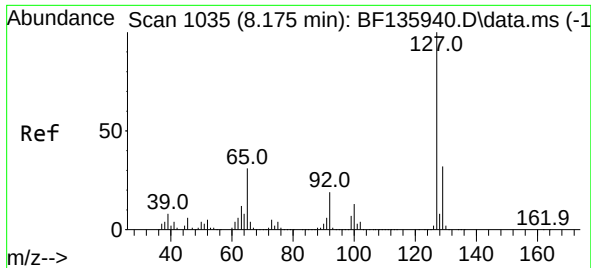
Tgt Ion:128 Resp: 204846
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 8.534 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.071 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:122 Resp: 6092
Ion Ratio Lower Upper
122 100
105 134.3 113.1 153.1
77 93.7 75.2 115.2

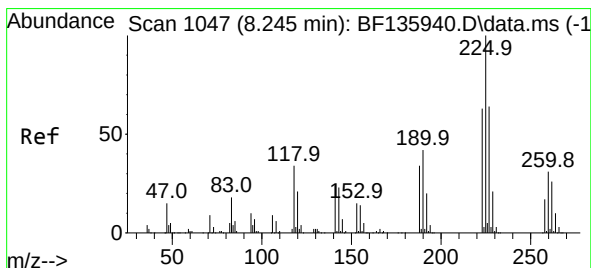
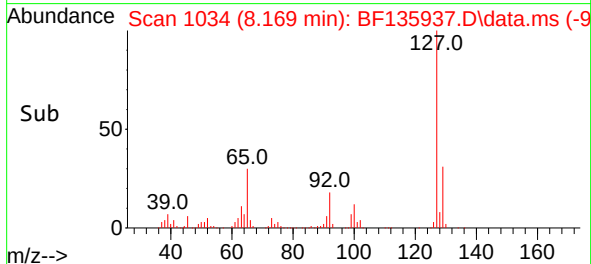
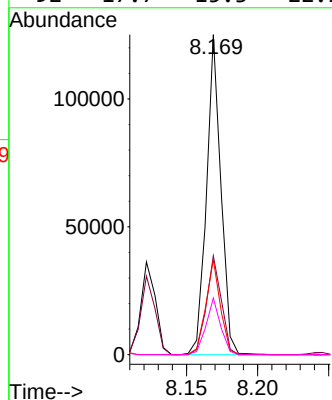
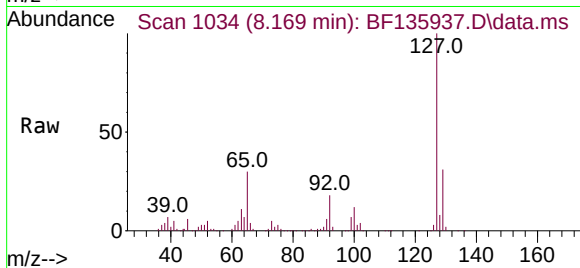




#33
4-Chloroaniline
Concen: 5.165 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

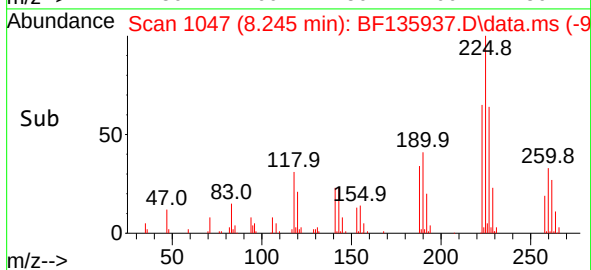
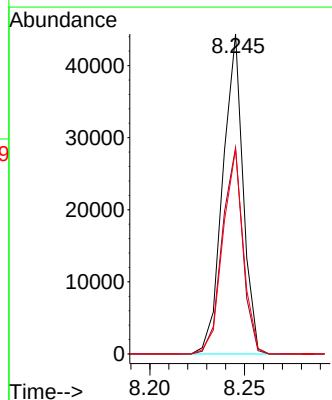
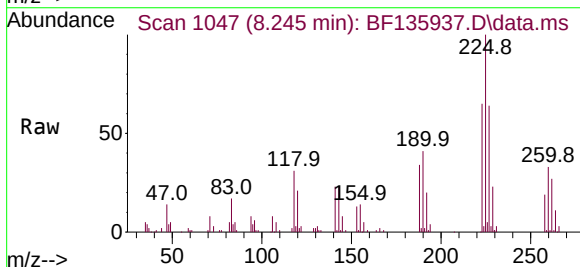
Instrument :
BNA_F
ClientSampleId :

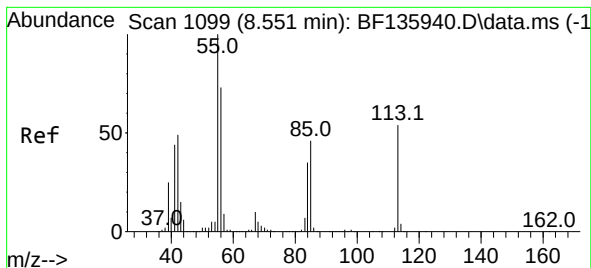
Tgt Ion:	127	Resp:	88348
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.7	38.5
65	29.7	24.8	37.2
92	17.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 5.001 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:	225	Resp:	32960
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	75.8
227	64.0	50.9	76.3





#35

Caprolactam

Concen: 4.093 ng

RT: 8.492 min Scan# 1108

Delta R.T. -0.059 min

Lab File: BF135937.D

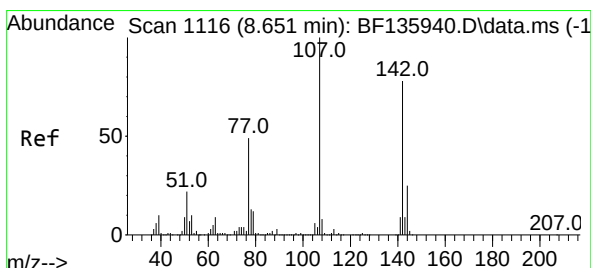
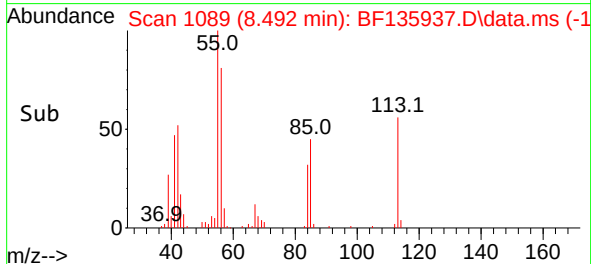
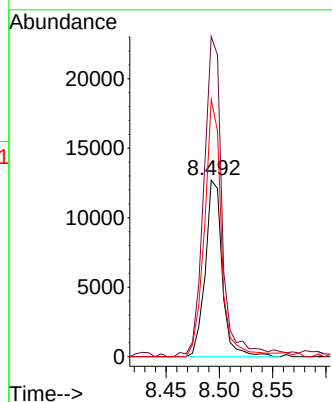
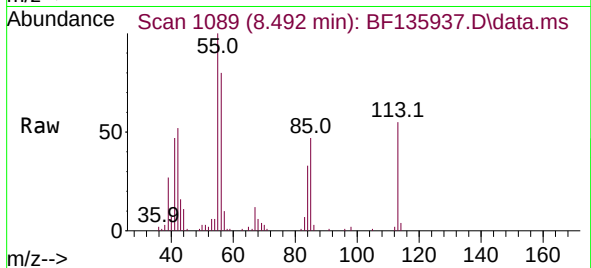
Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	113	Resp:	14064
Ion Ratio	Lower	Upper	
113	100		
55	181.3	165.4	205.4
56	145.6	115.2	155.2



#36

4-Chloro-3-methylphenol

Concen: 4.589 ng

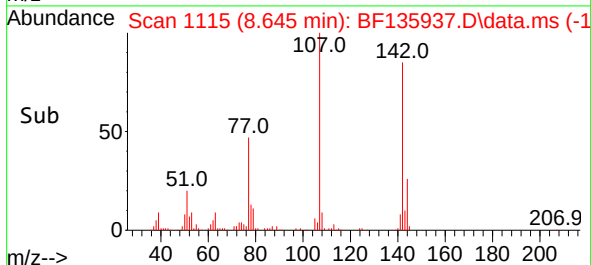
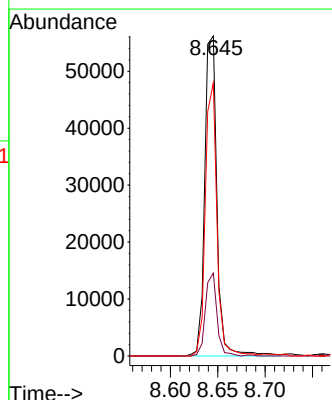
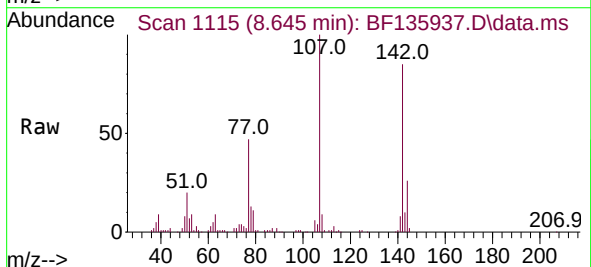
RT: 8.645 min Scan# 1115

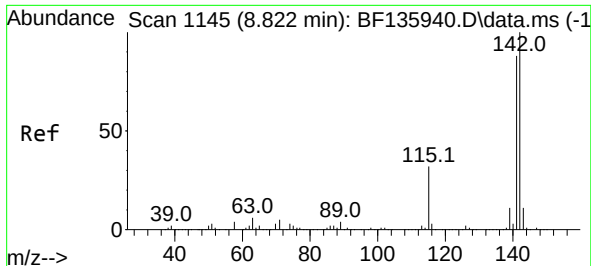
Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Tgt Ion:	107	Resp:	50358
Ion Ratio	Lower	Upper	
107	100		
144	25.9	19.9	29.9
142	85.3	62.8	94.2





#37

2-Methylnaphthalene

Concen: 5.294 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

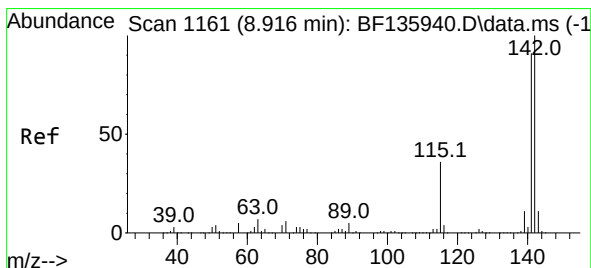
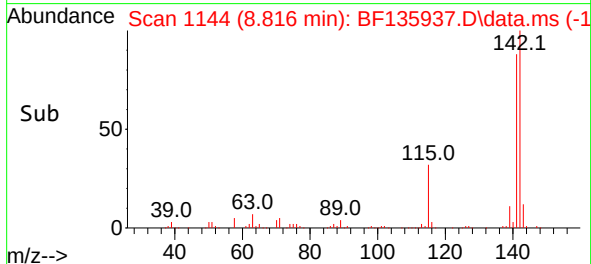
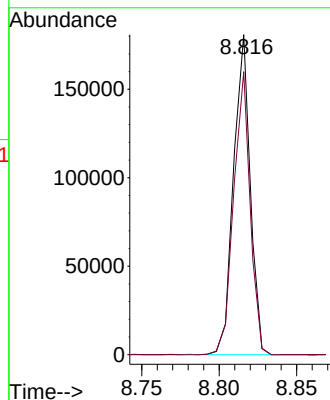
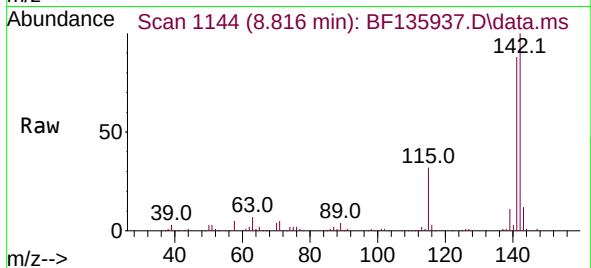
ClientSampleId :

Tgt Ion:142 Resp: 135551

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 5.361 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135937.D

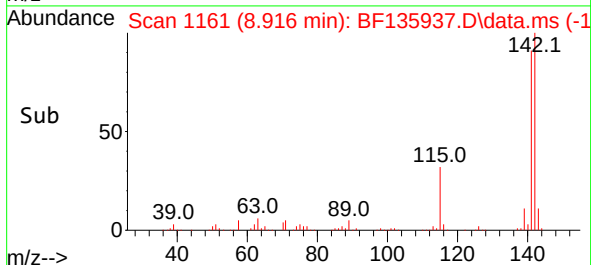
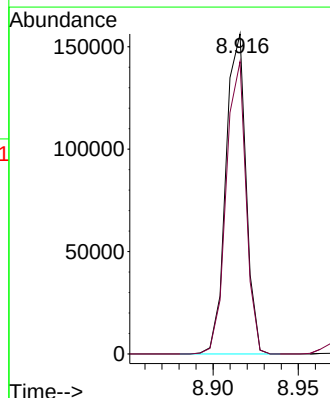
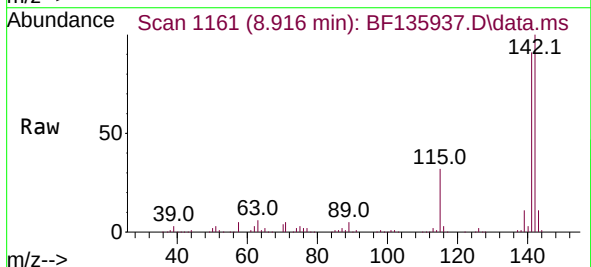
Acq: 25 Oct 2023 12:05

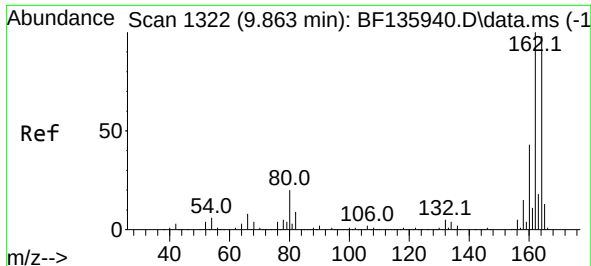
Tgt Ion:142 Resp: 128272

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

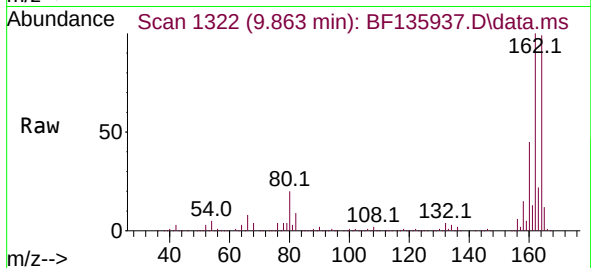
Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :



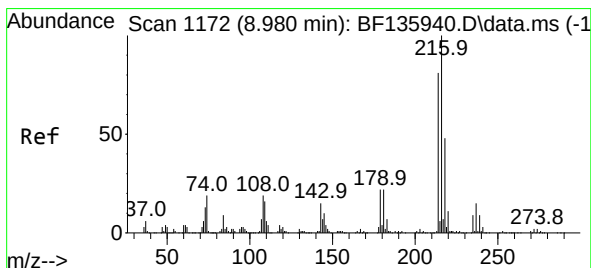
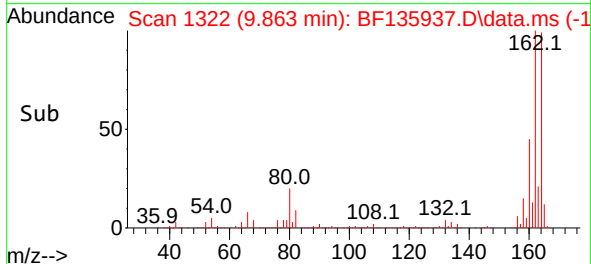
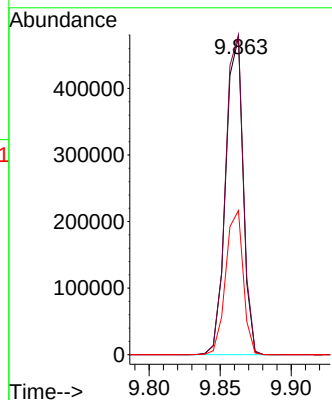
Tgt Ion:164 Resp: 404837

Ion Ratio Lower Upper

164 100

162 100.9 82.0 123.0

160 45.4 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.287 ng

RT: 8.981 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Tgt Ion:216 Resp: 60447

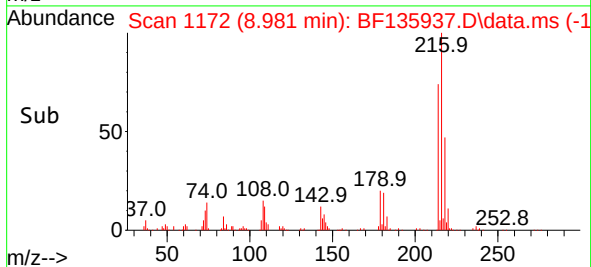
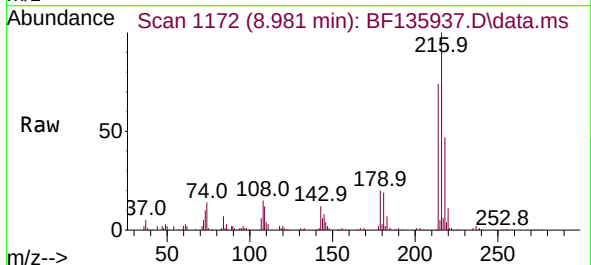
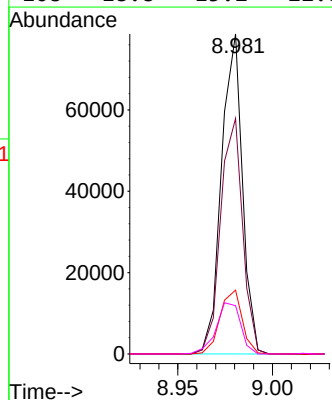
Ion Ratio Lower Upper

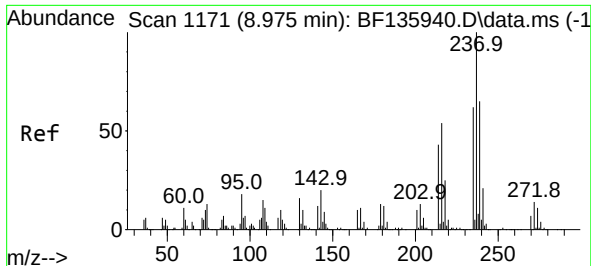
216 100

214 77.3 63.3 94.9

179 21.2 17.3 25.9

108 18.8 15.2 22.8

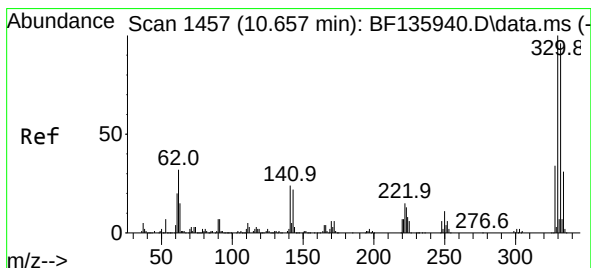
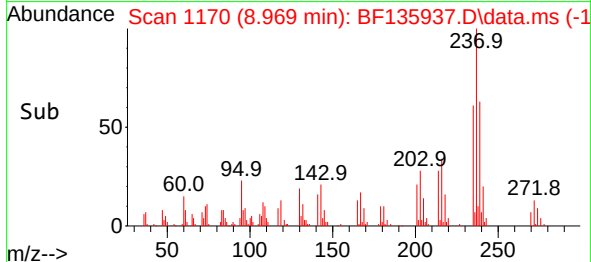
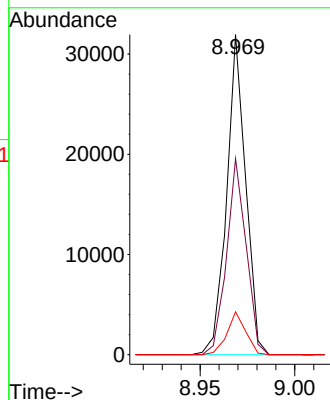
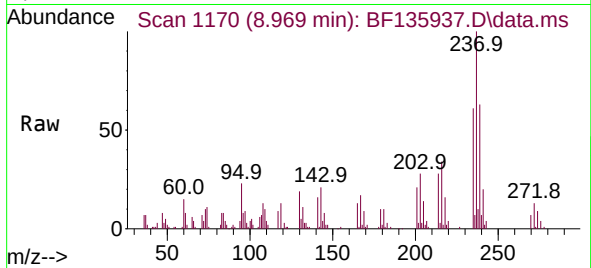




#41
Hexachlorocyclopentadiene
Concen: 3.950 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

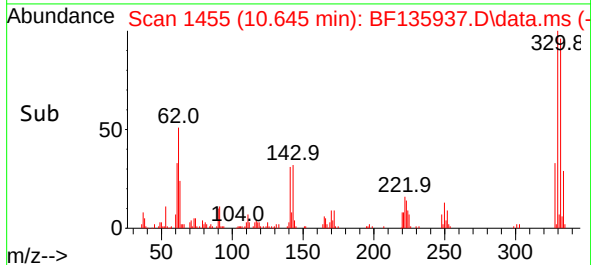
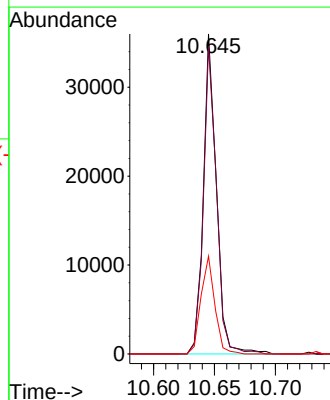
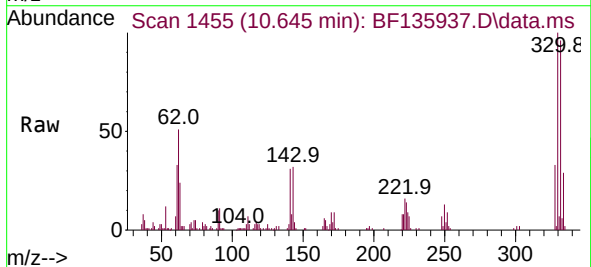
Instrument :
BNA_F
ClientSampleId :

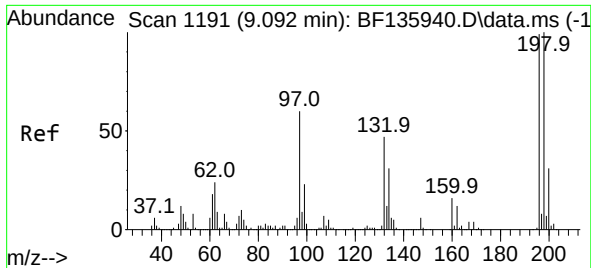
Tgt Ion:237 Resp: 22269
Ion Ratio Lower Upper
237 100
235 61.2 41.7 81.7
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 7.551 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

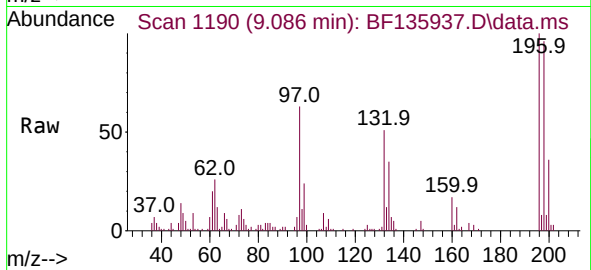
Tgt Ion:330 Resp: 26758
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 32.4 24.9 37.3



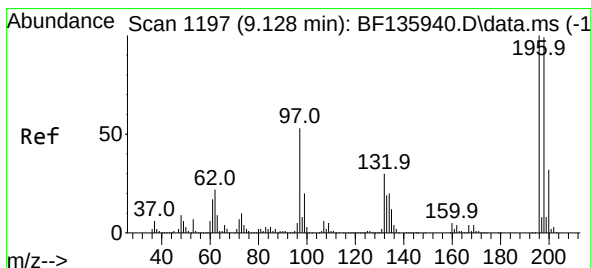
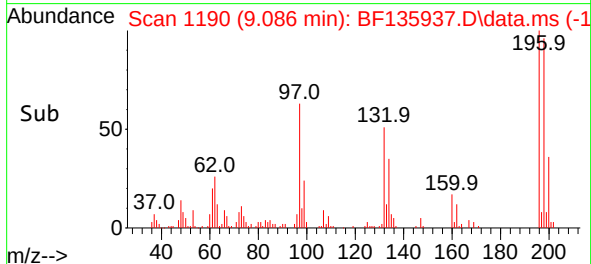
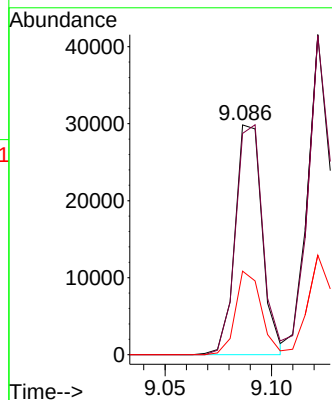


#43
 2,4,6-Trichlorophenol
 Concen: 3.957 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BF135937.D
 Acq: 25 Oct 2023 12:05

Instrument :
 BNA_F
 ClientSampleId :

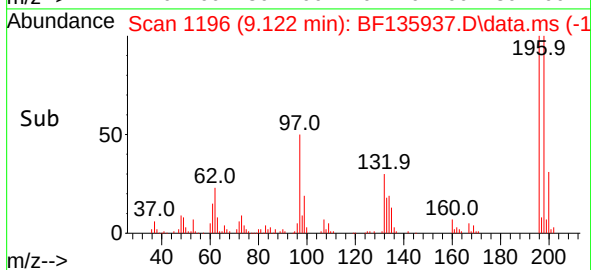
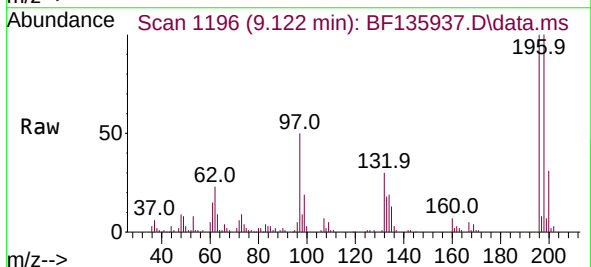
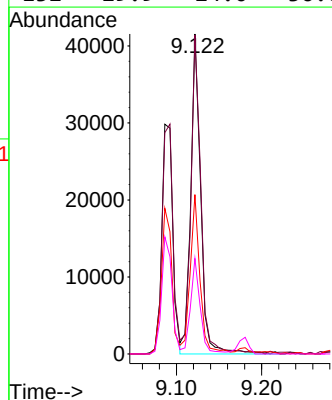


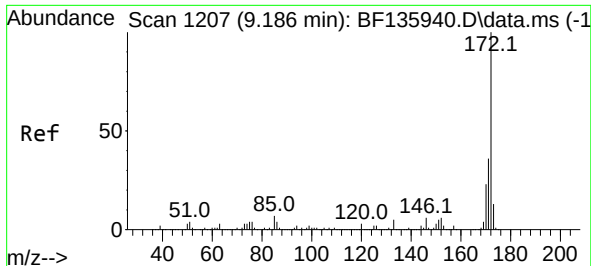
Tgt Ion:196 Resp: 26480
 Ion Ratio Lower Upper
 196 100
 198 96.3 81.0 121.4
 200 36.3 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 4.256 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BF135937.D
 Acq: 25 Oct 2023 12:05

Tgt Ion:196 Resp: 33820
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.1 118.7
 97 49.8 42.3 63.5
 132 29.9 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 11.575 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

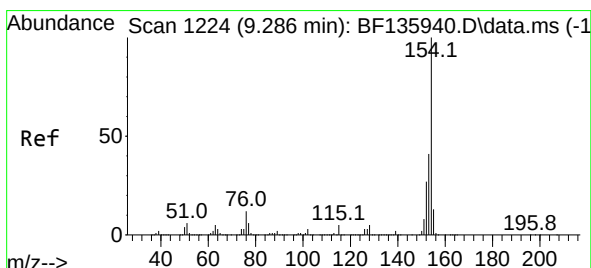
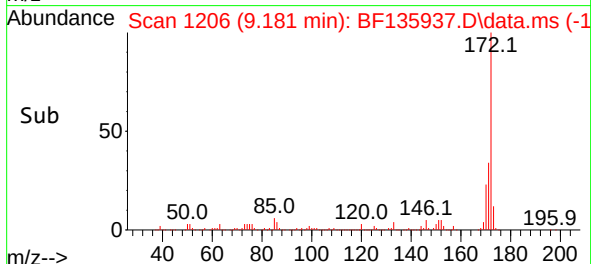
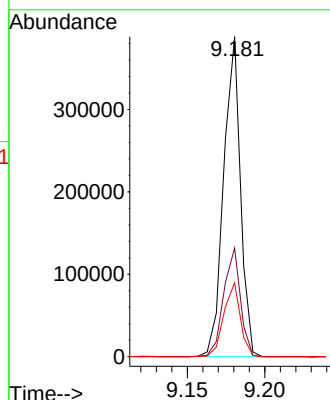
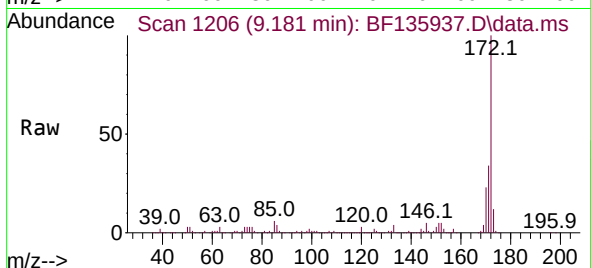
Tgt Ion:172 Resp: 292640

Ion Ratio Lower Upper

172 100

171 34.0 28.6 43.0

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 5.399 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

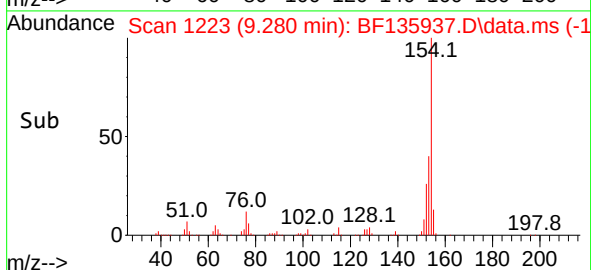
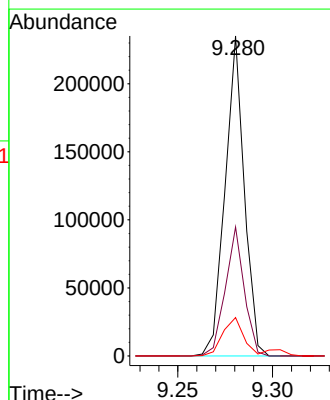
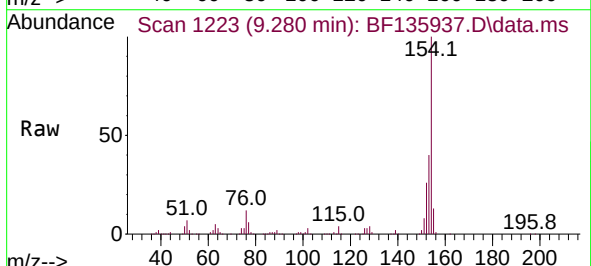
Tgt Ion:154 Resp: 165624

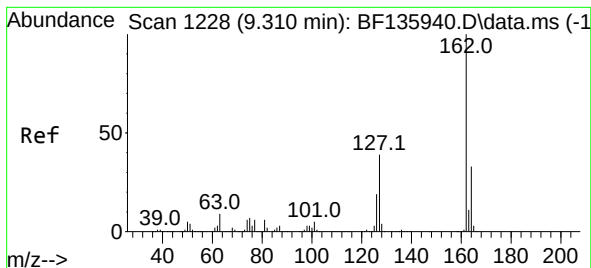
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 12.0 0.0 32.4





#47

2-Chloronaphthalene

Concen: 5.251 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

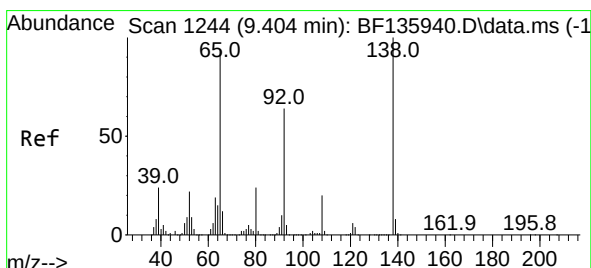
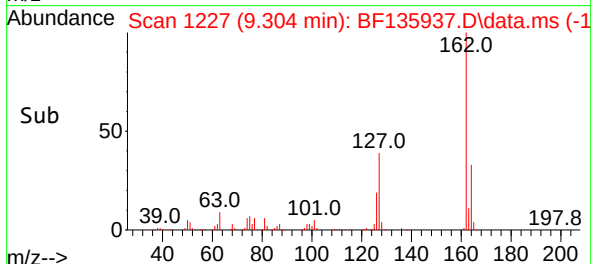
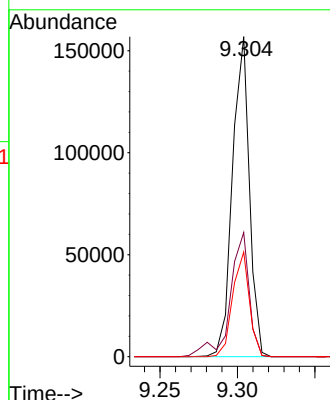
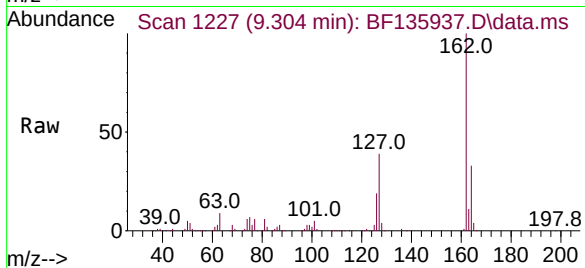
Tgt Ion:162 Resp: 119145

Ion Ratio Lower Upper

162 100

127 38.8 31.0 46.4

164 32.7 26.6 39.8



#48

2-Nitroaniline

Concen: 5.935 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

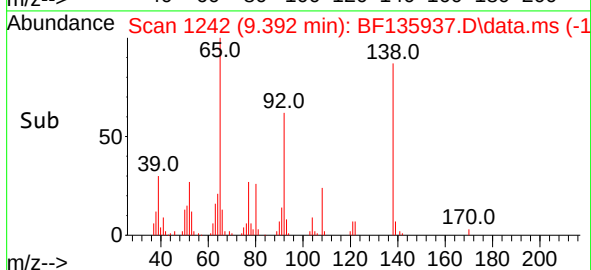
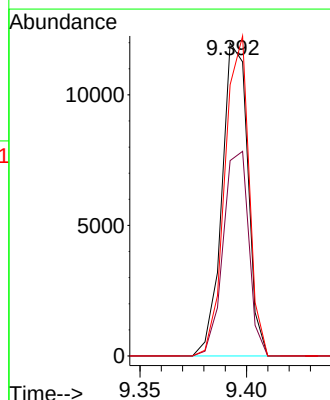
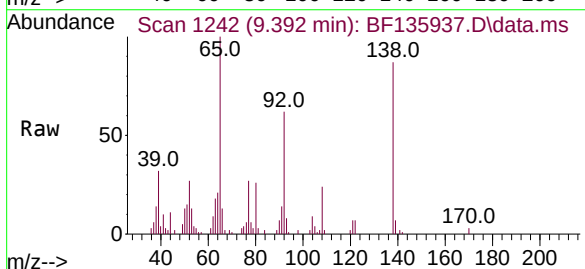
Tgt Ion: 65 Resp: 10111

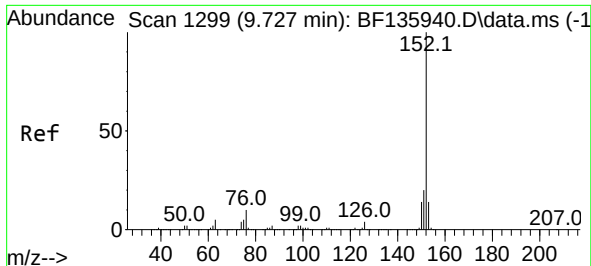
Ion Ratio Lower Upper

65 100

92 62.4 54.9 82.3

138 86.6 85.2 127.8





#49

Acenaphthylene

Concen: 5.251 ng

RT: 9.716 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

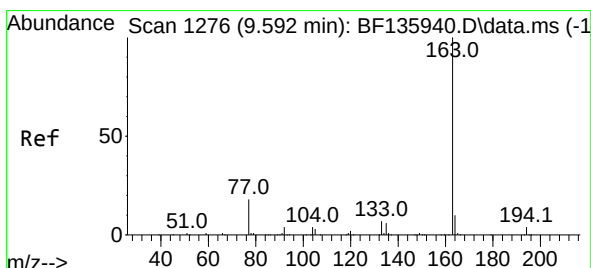
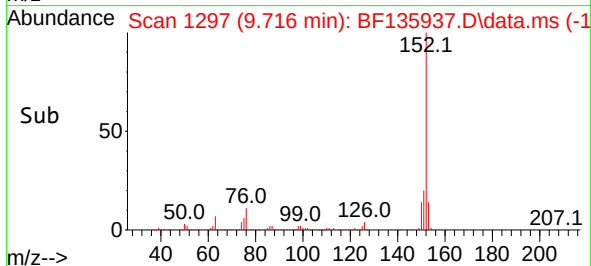
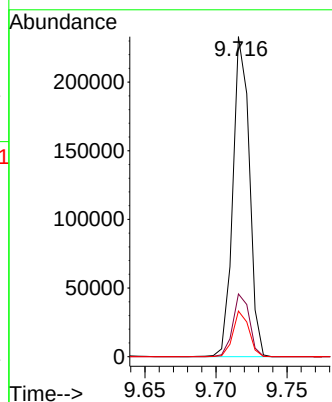
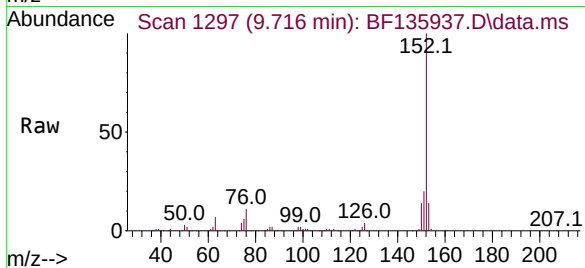
Tgt Ion:152 Resp: 187973

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 14.3 11.0 16.6



#50

Dimethylphthalate

Concen: 5.191 ng

RT: 9.580 min Scan# 1274

Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

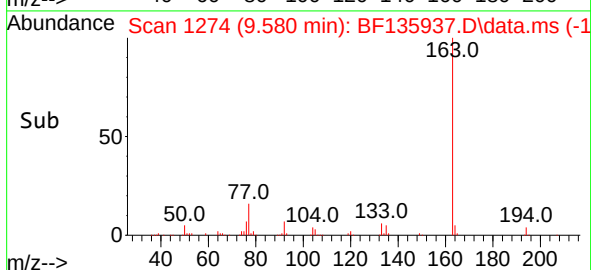
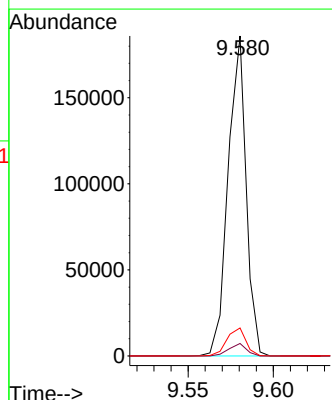
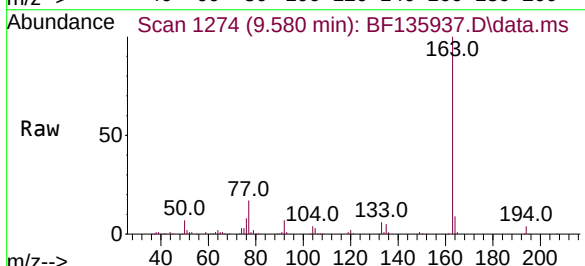
Tgt Ion:163 Resp: 136274

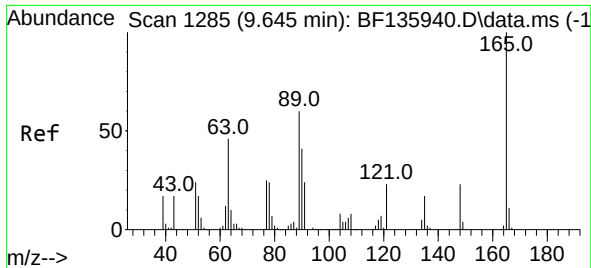
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 8.8 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 6.396 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

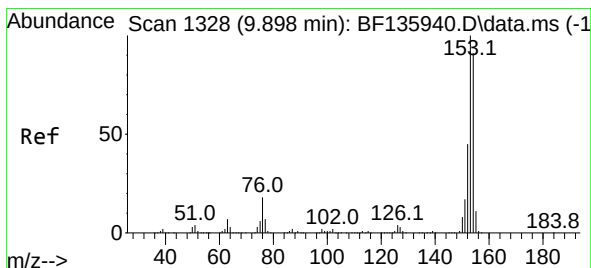
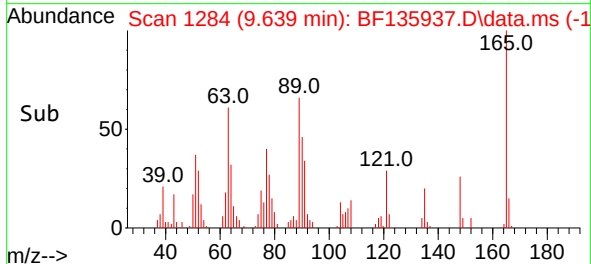
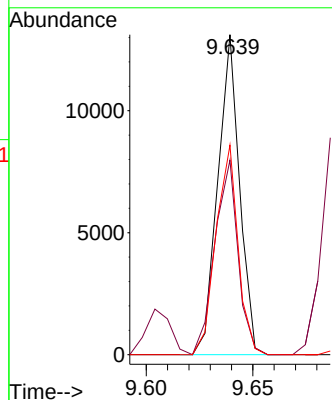
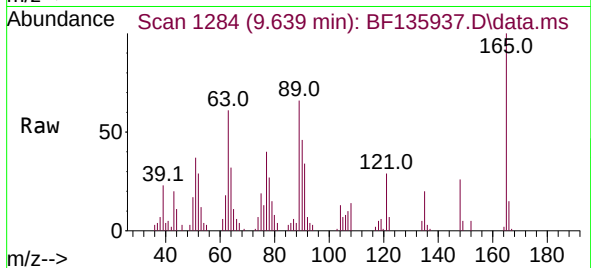
Tgt Ion:165 Resp: 9293

Ion Ratio Lower Upper

165 100

63 60.8 51.7 77.5

89 65.5 48.3 72.5



#52

Acenaphthene

Concen: 5.217 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

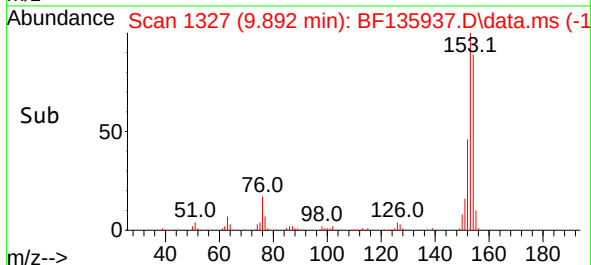
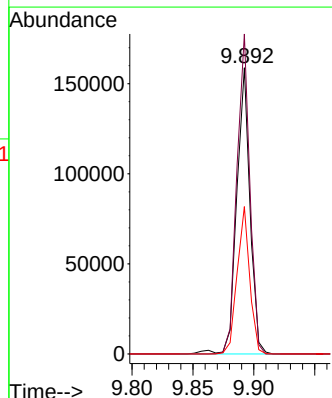
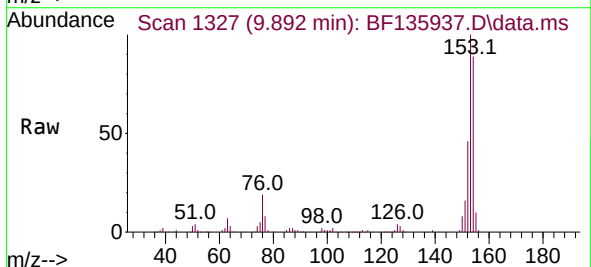
Tgt Ion:154 Resp: 119686

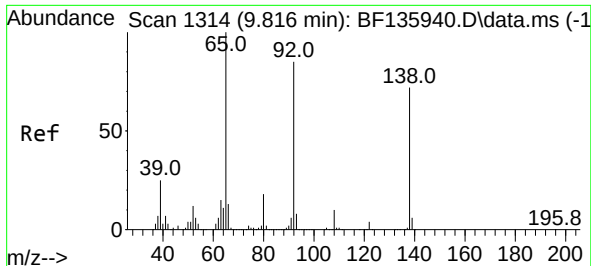
Ion Ratio Lower Upper

154 100

153 111.8 88.0 132.0

152 51.5 39.4 59.2

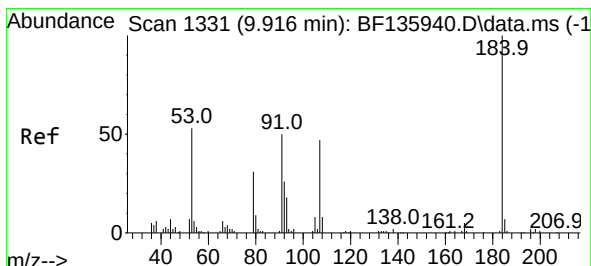
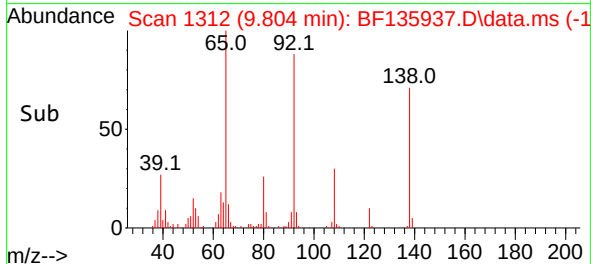
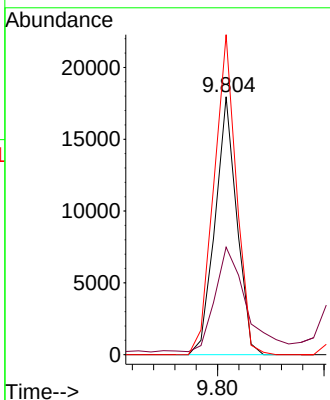
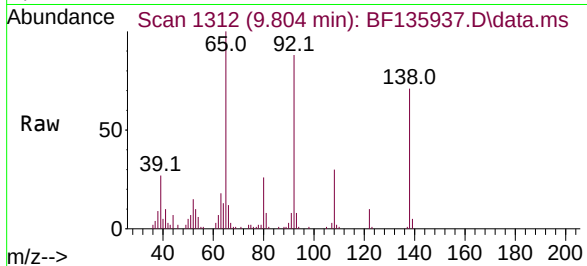




#53
3-Nitroaniline
Concen: 6.326 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

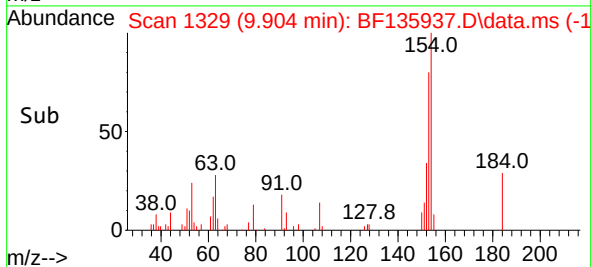
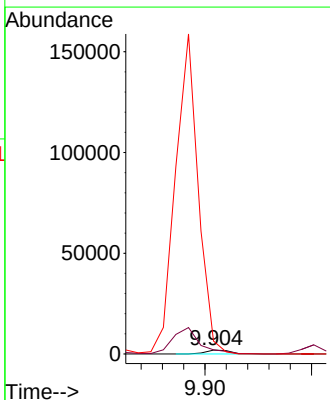
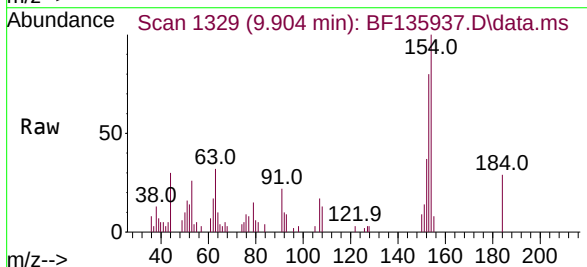
Instrument :
BNA_F
ClientSampleId :

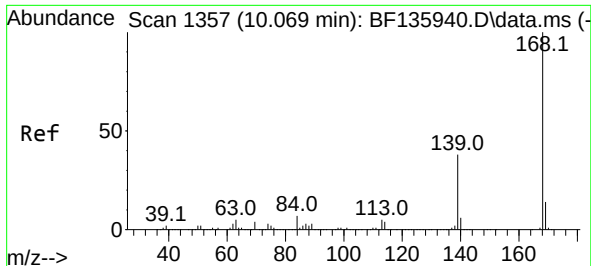
Tgt Ion:138 Resp: 12697
Ion Ratio Lower Upper
138 100
108 41.7 11.3 16.9#
92 124.1 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 5.078 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

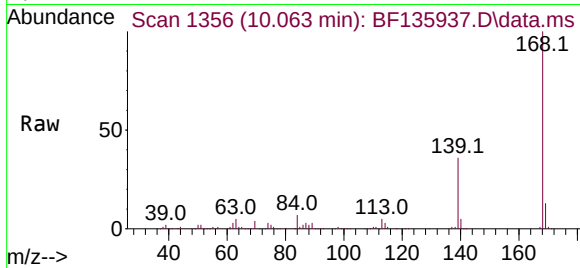
Tgt Ion:184 Resp: 1550
Ion Ratio Lower Upper
184 100
63 109.0 56.3 84.5#
154 339.6 48.1 72.1#



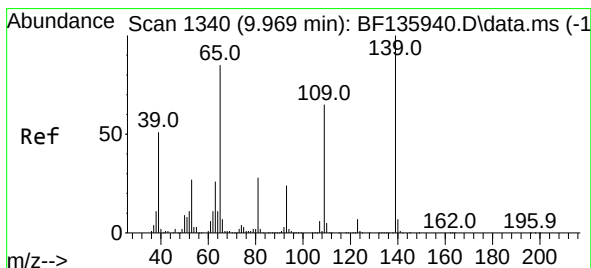
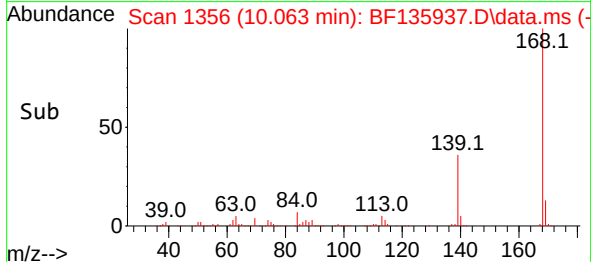
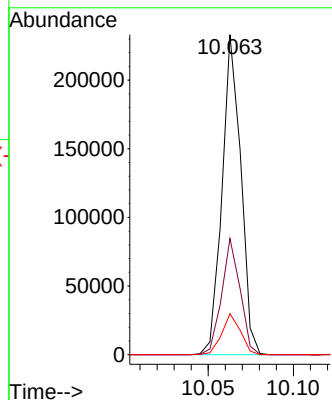


#55
Dibenzenofuran
Concen: 5.372 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Instrument :
BNA_F
ClientSampleId :

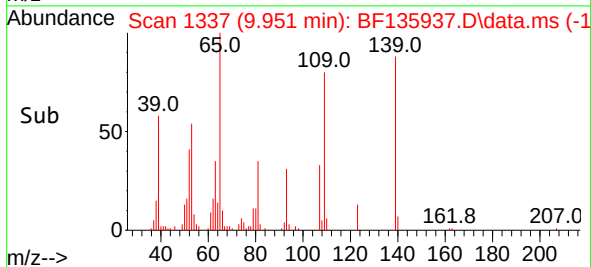
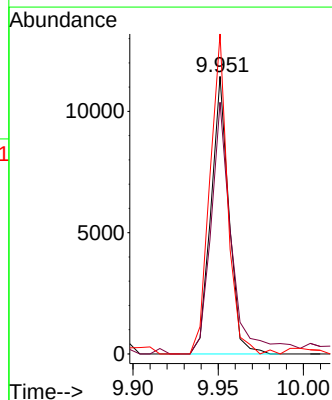
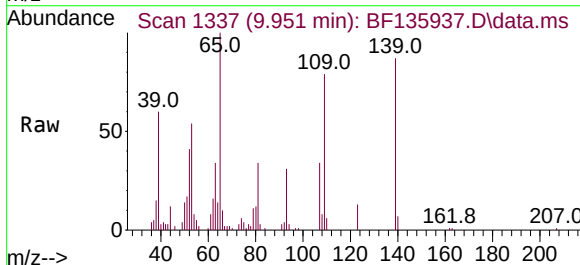


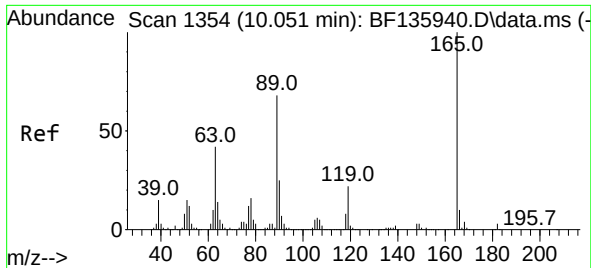
Tgt Ion:168 Resp: 178023
Ion Ratio Lower Upper
168 100
139 36.3 30.7 46.1
169 12.8 11.1 16.7



#56
4-Nitrophenol
Concen: 7.641 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.018 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

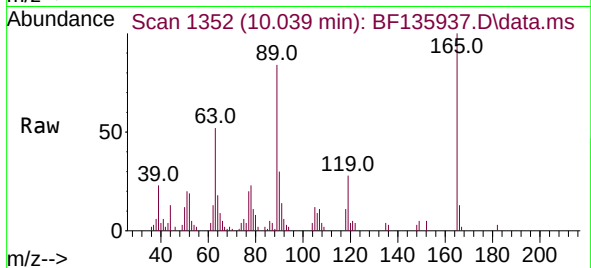
Tgt Ion:139 Resp: 8365
Ion Ratio Lower Upper
139 100
109 90.7 45.2 85.2#
65 115.3 65.1 105.1#



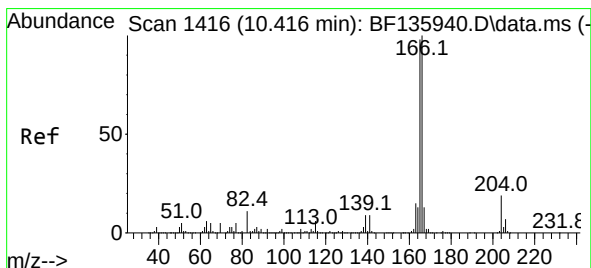
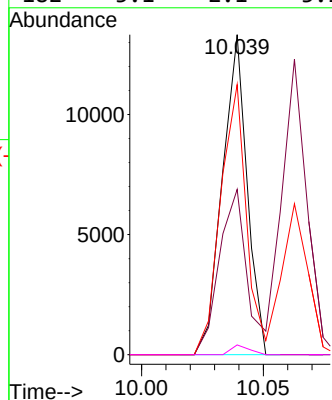
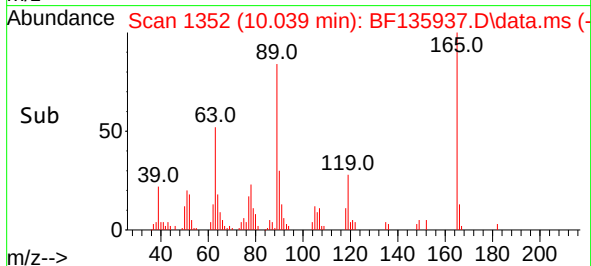


#57
2,4-Dinitrotoluene
Concen: 7.056 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

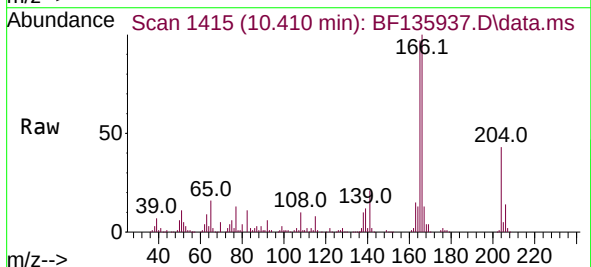
Instrument :
BNA_F
ClientSampleId :



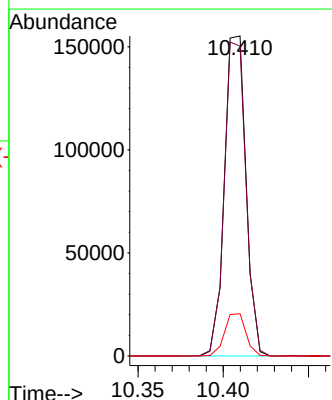
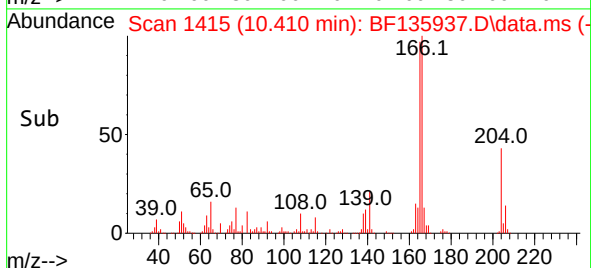
Tgt Ion:165 Resp: 9417
Ion Ratio Lower Upper
165 100
63 51.7 33.7 50.5#
89 84.4 54.6 81.8#
182 3.1 2.1 3.1

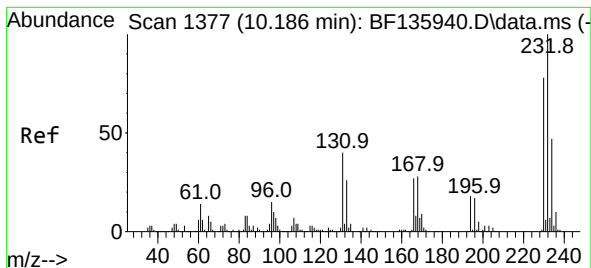


#58
Fluorene
Concen: 5.519 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05



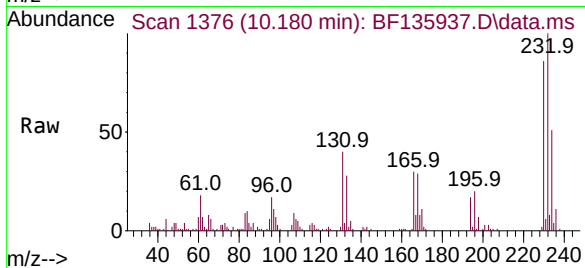
Tgt Ion:166 Resp: 136836
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.2 10.6 16.0



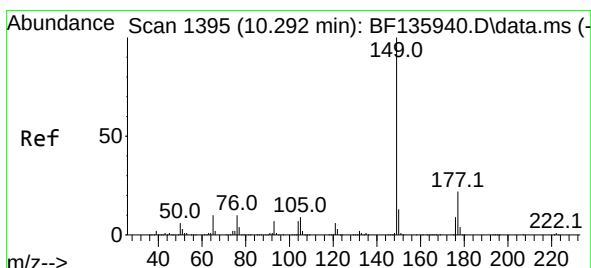
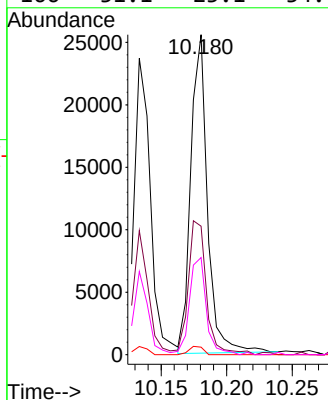
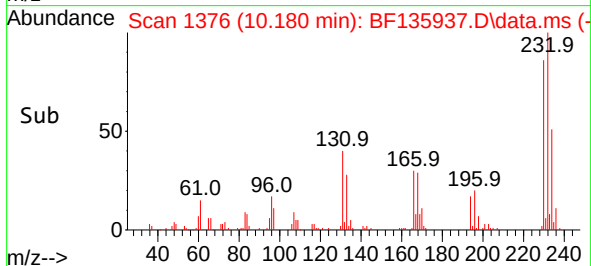


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.771 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

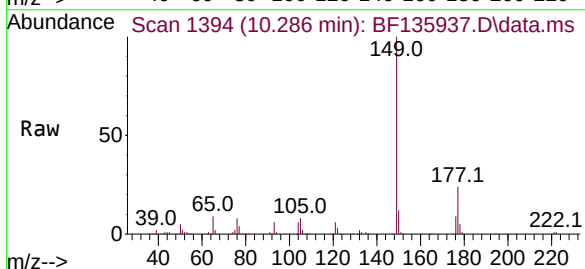
Instrument :
BNA_F
ClientSampleId :



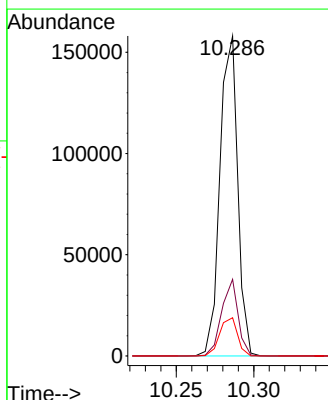
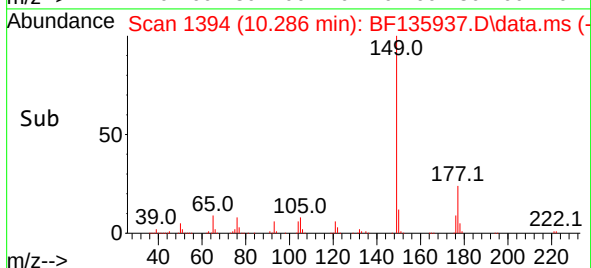
Tgt Ion:232 Resp: 22547
Ion Ratio Lower Upper
232 100
131 45.8 35.2 52.8
130 2.2 1.7 2.5
166 31.1 23.1 34.7

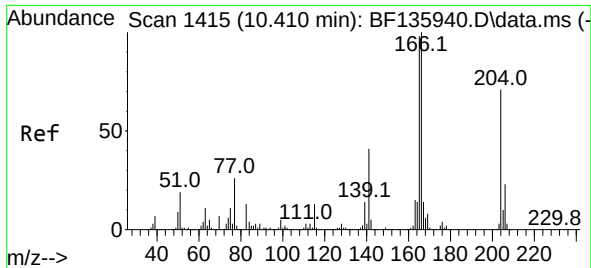


#60
Diethylphthalate
Concen: 5.026 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05



Tgt Ion:149 Resp: 125818
Ion Ratio Lower Upper
149 100
177 24.0 17.9 26.9
150 11.9 10.2 15.2

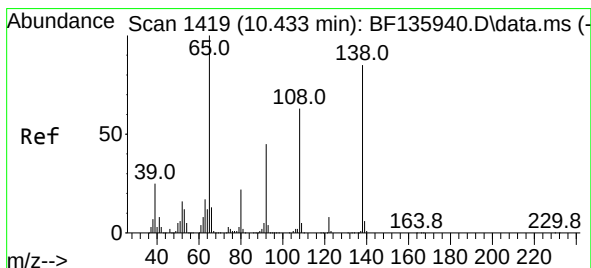
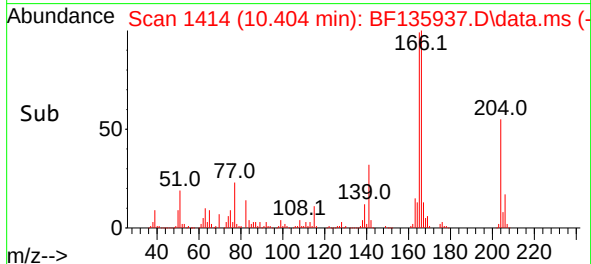
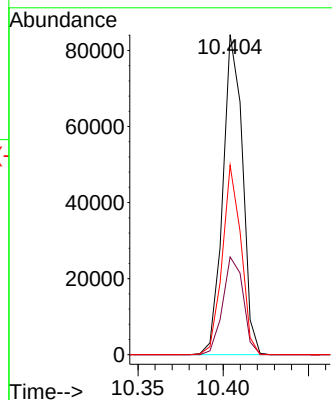
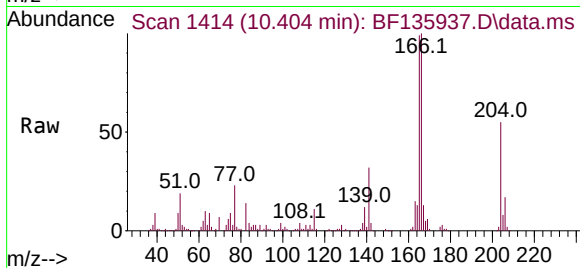




#61
4-Chlorophenyl-phenylether
Concen: 5.654 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

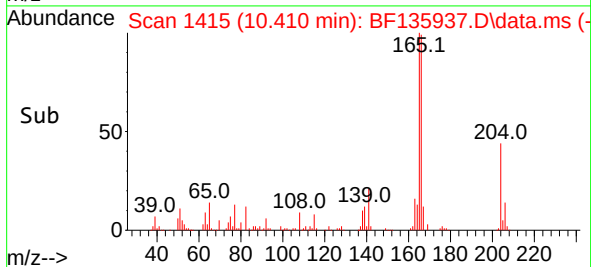
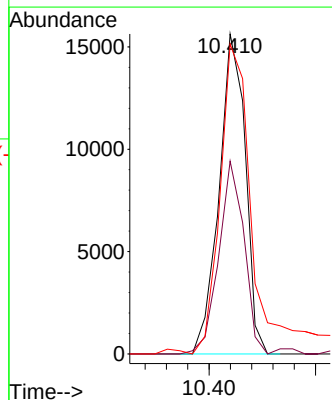
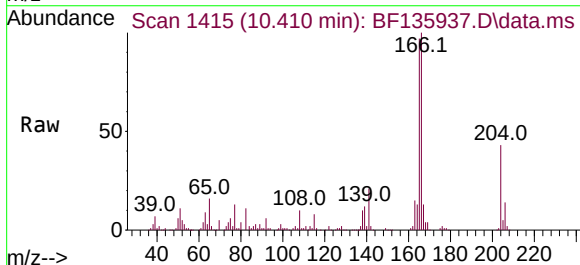
Instrument :
BNA_F
ClientSampleId :

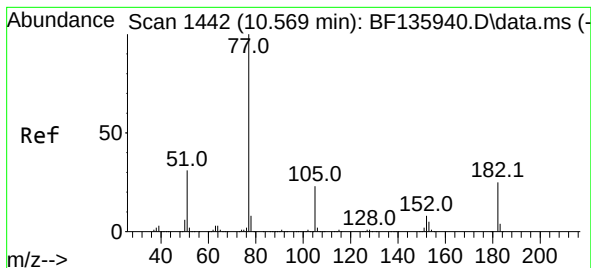
Tgt Ion:204 Resp: 67619
Ion Ratio Lower Upper
204 100
206 30.6 26.4 39.6
141 59.2 46.2 69.2



#62
4-Nitroaniline
Concen: 6.523 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:138 Resp: 13376
Ion Ratio Lower Upper
138 100
92 60.2 32.9 72.9
108 96.8 53.5 93.5#





#63

Azobenzene

Concen: 5.222 ng

RT: 10.563 min Scan# 1442

Delta R.T. -0.006 min

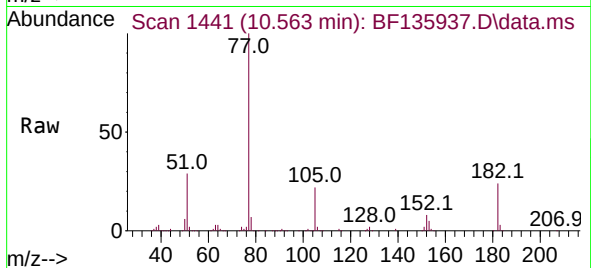
Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 132669

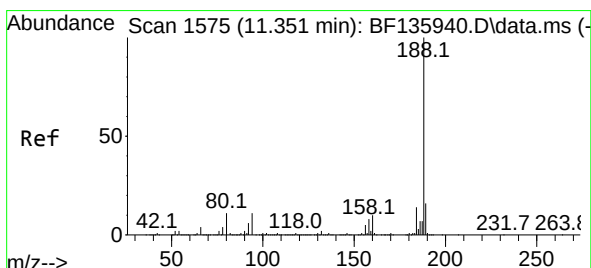
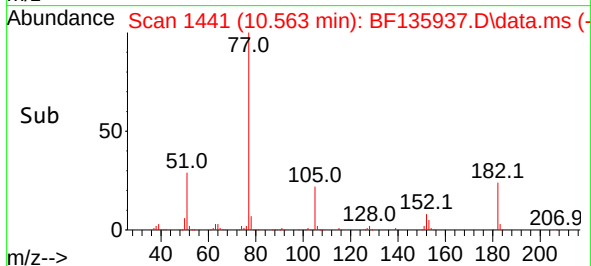
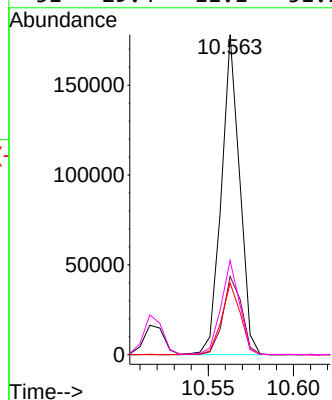
Ion Ratio Lower Upper

77 100

182 24.4 5.1 45.1

105 22.3 2.8 42.8

51 29.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

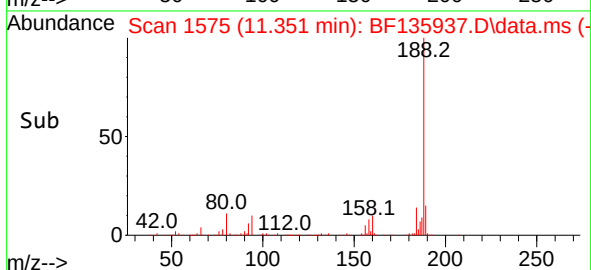
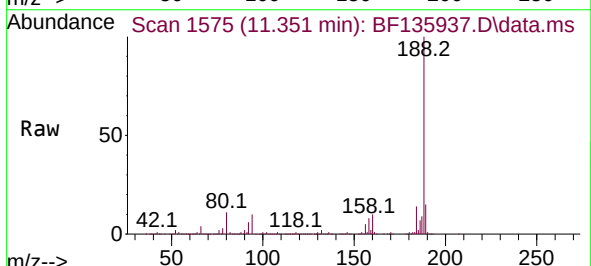
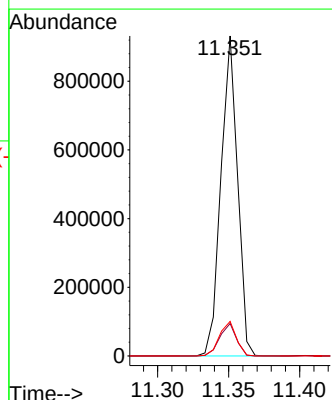
Tgt Ion:188 Resp: 756174

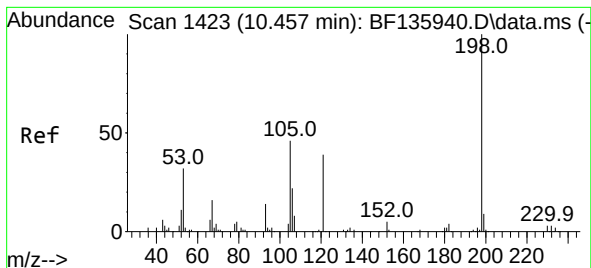
Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

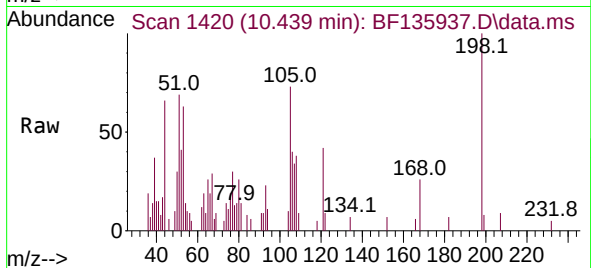
80 10.8 9.0 13.6



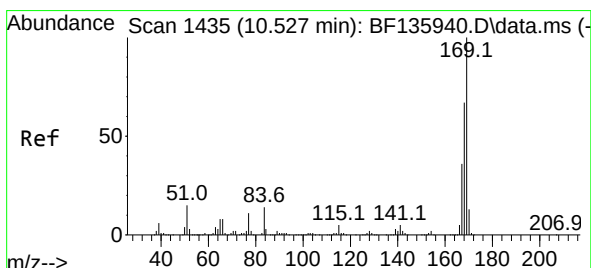
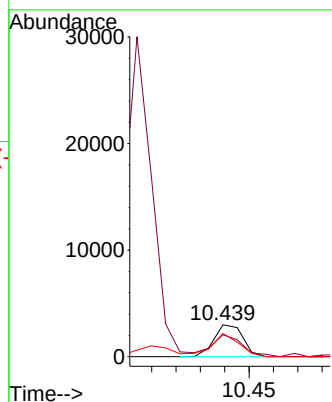
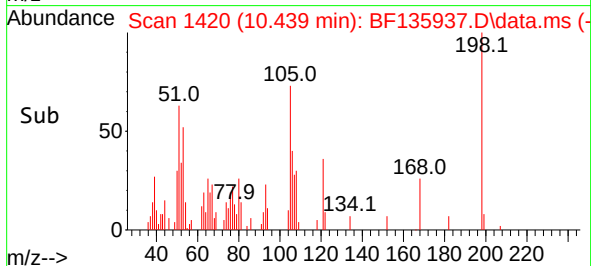


#65
4,6-Dinitro-2-methylphenol
Concen: 8.185 ng
RT: 10.439 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

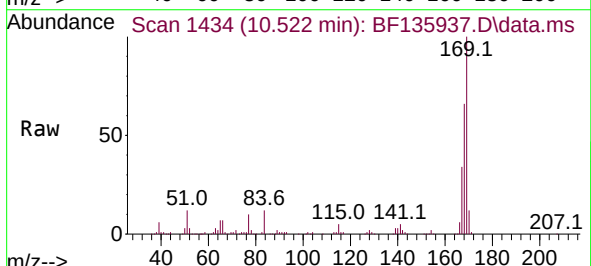
Instrument :
BNA_F
ClientSampleId :



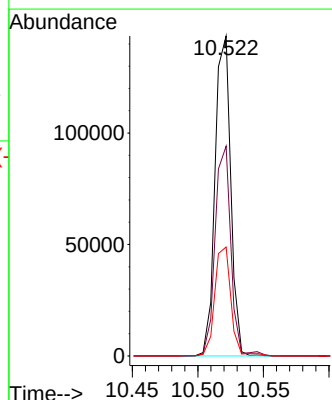
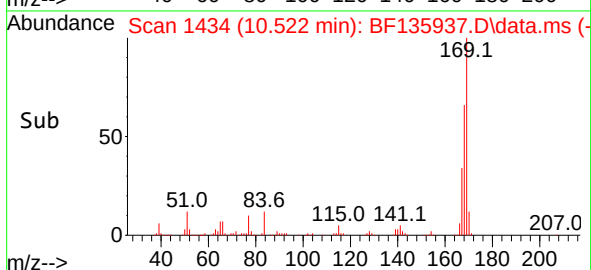
Tgt Ion:198 Resp: 2454
Ion Ratio Lower Upper
198 100
51 68.7 28.7 68.7
105 72.8 27.2 67.2#

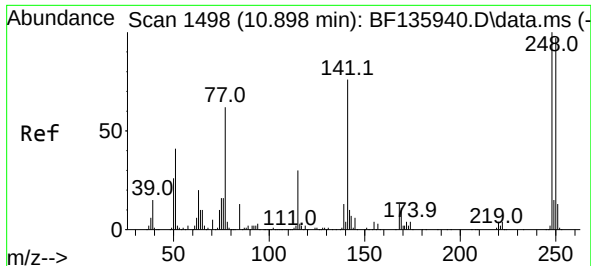


#66
n-Nitrosodiphenylamine
Concen: 5.204 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05



Tgt Ion:169 Resp: 118874
Ion Ratio Lower Upper
169 100
168 65.6 53.5 80.3
167 34.1 29.0 43.4

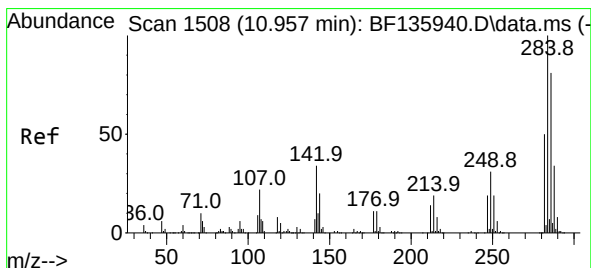
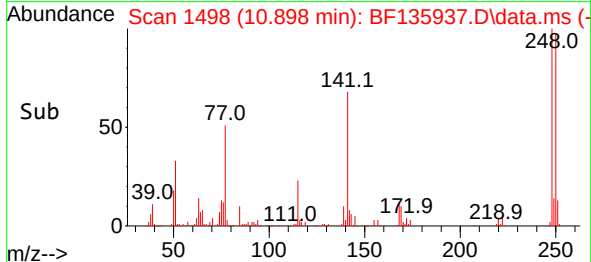
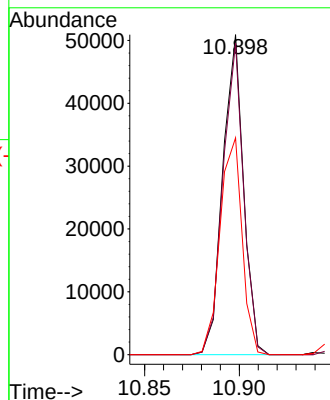
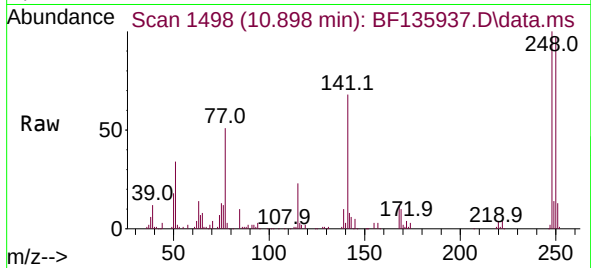




#67
4-Bromophenyl-phenylether
Concen: 5.012 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

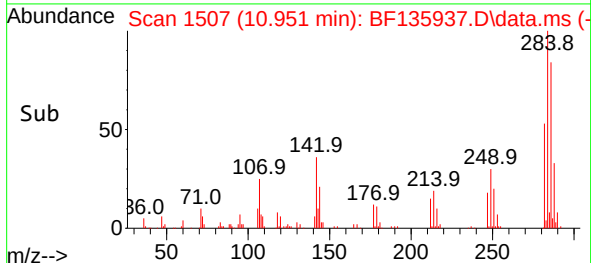
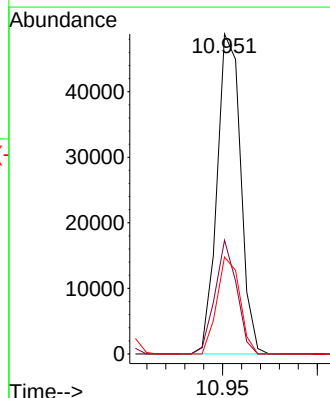
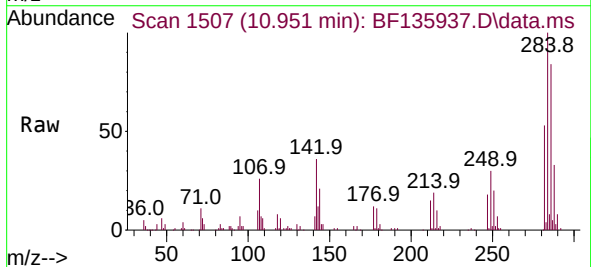
Instrument :
BNA_F
ClientSampleId :

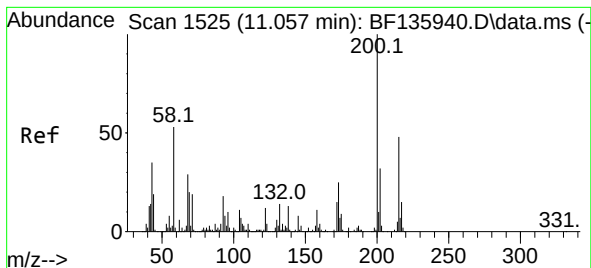
Tgt Ion:248 Resp: 38811
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 67.7 60.8 91.2



#68
Hexachlorobenzene
Concen: 5.120 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:284 Resp: 42357
Ion Ratio Lower Upper
284 100
142 35.6 27.6 41.4
249 30.3 24.7 37.1





#69

Atrazine

Concen: 5.224 ng

RT: 11.051 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

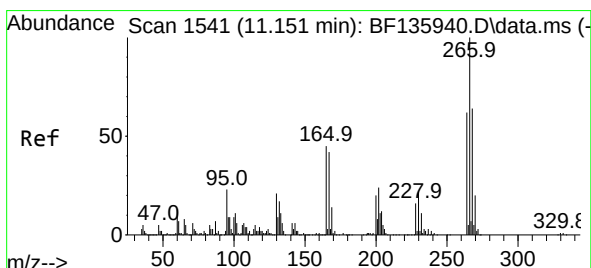
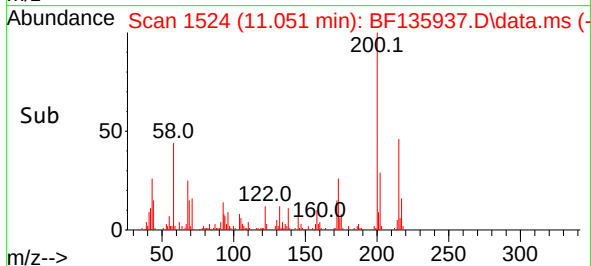
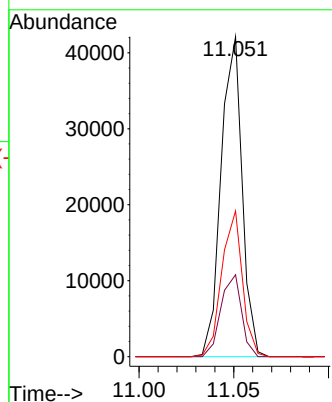
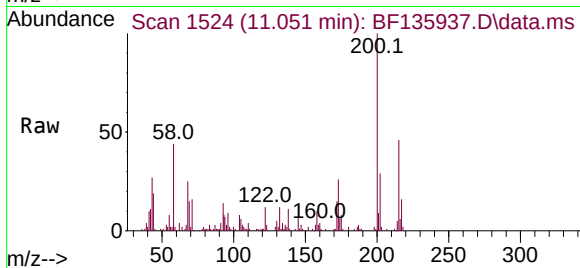
Tgt Ion:200 Resp: 32535

Ion Ratio Lower Upper

200 100

173 25.6 5.5 45.5

215 45.5 27.5 67.5



#70

Pentachlorophenol

Concen: 6.548 ng

RT: 11.145 min Scan# 1540

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

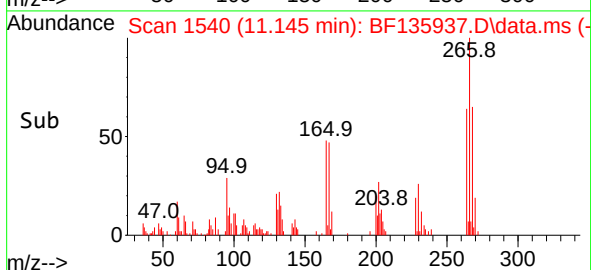
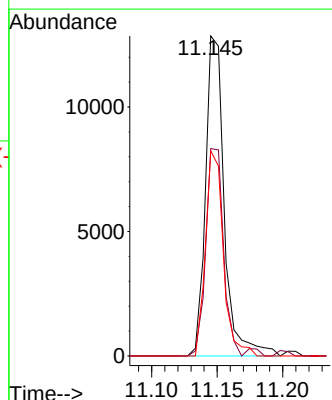
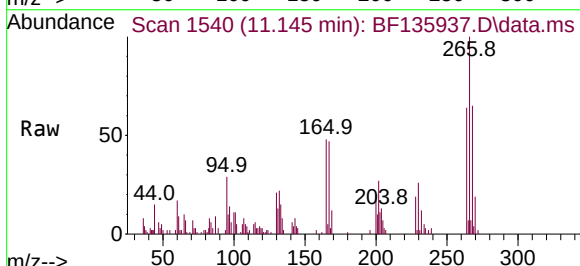
Tgt Ion:266 Resp: 12866

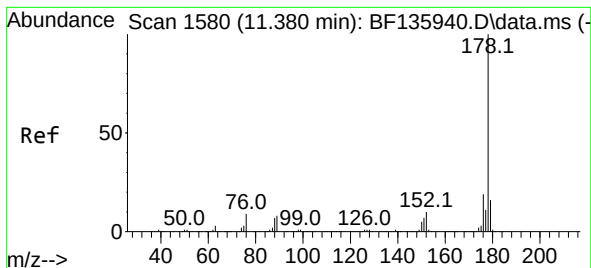
Ion Ratio Lower Upper

266 100

268 64.8 50.8 76.2

264 64.0 49.8 74.6





#71

Phenanthrene

Concen: 5.297 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

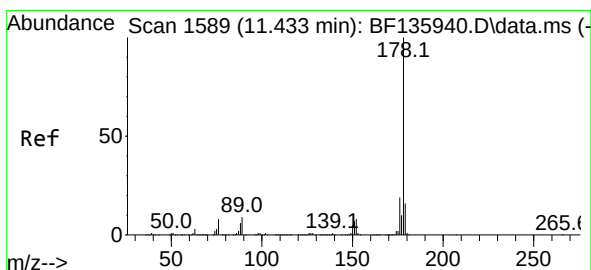
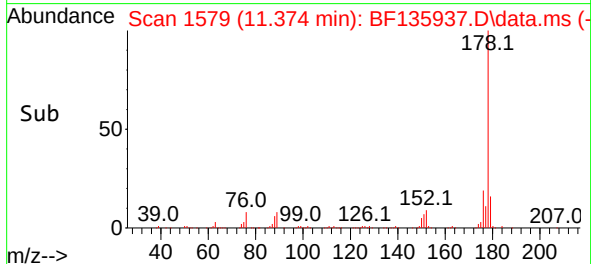
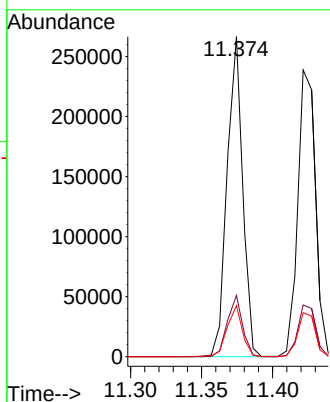
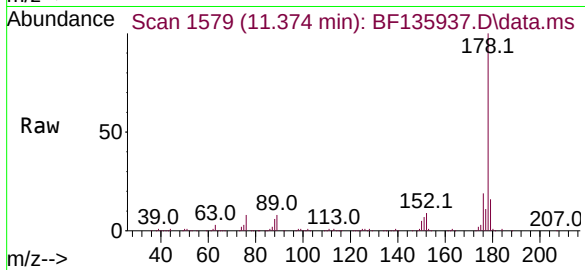
Tgt Ion:178 Resp: 202629

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 16.0 12.5 18.7



#72

Anthracene

Concen: 5.249 ng

RT: 11.422 min Scan# 1587

Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

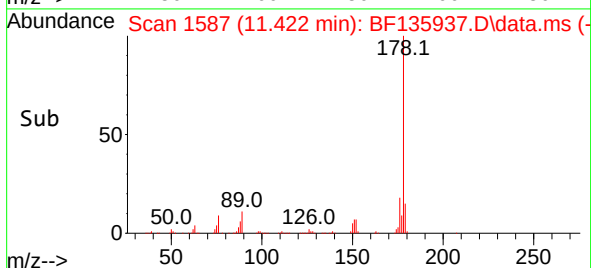
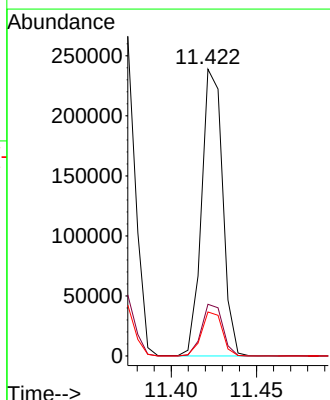
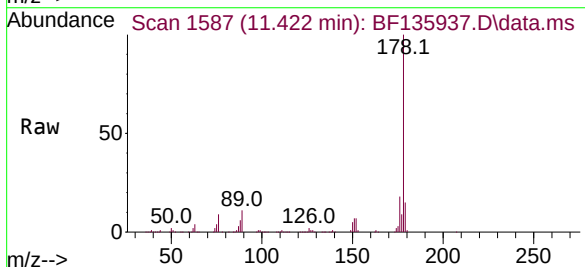
Tgt Ion:178 Resp: 205598

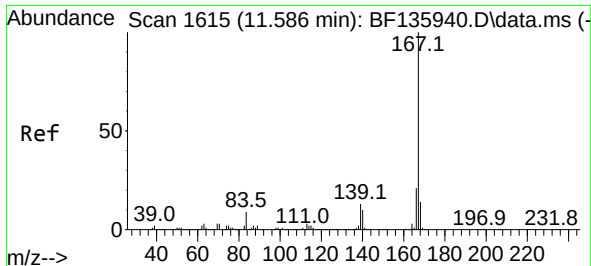
Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

179 15.3 12.5 18.7

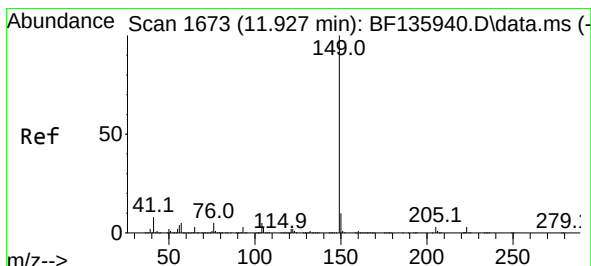
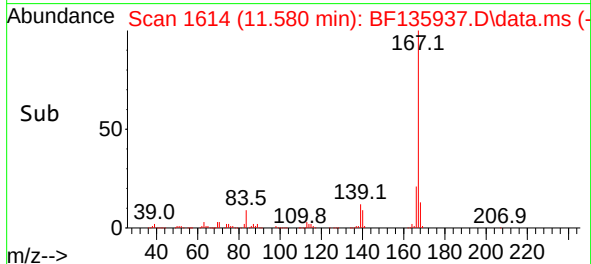
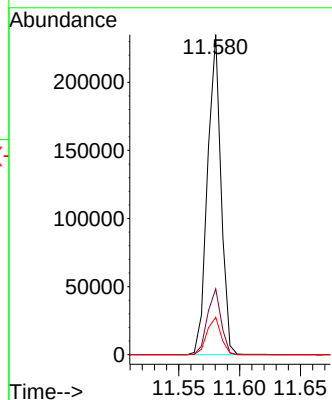
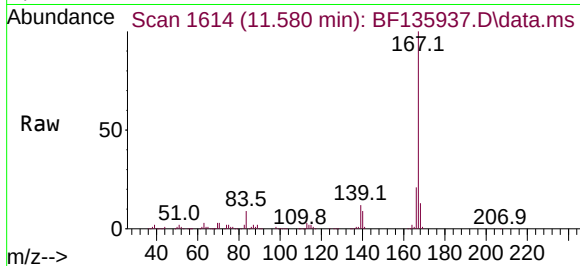




#73
 Carbazole
 Concen: 5.182 ng
 RT: 11.580 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF135937.D
 Acq: 25 Oct 2023 12:05

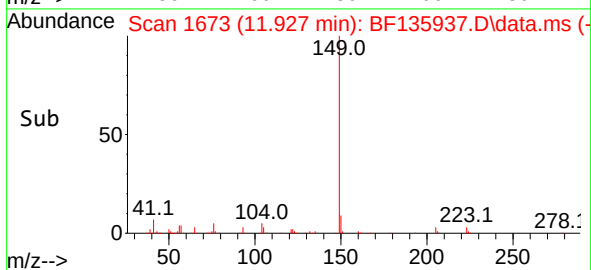
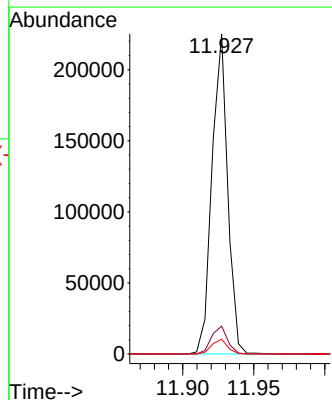
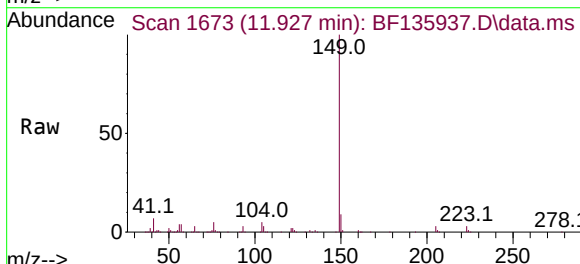
Instrument :
 BNA_F
 ClientSampleId :

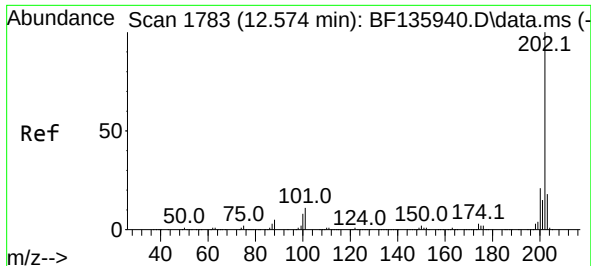
Tgt Ion:167 Resp: 181064
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.0 25.6
 139 11.7 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 4.659 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135937.D
 Acq: 25 Oct 2023 12:05

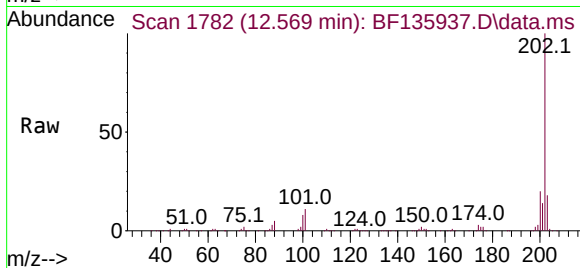
Tgt Ion:149 Resp: 173232
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.7 11.5
 104 4.6 3.9 5.9



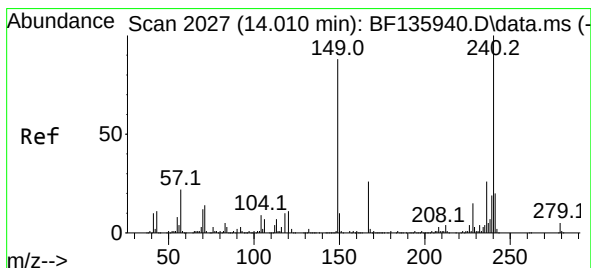
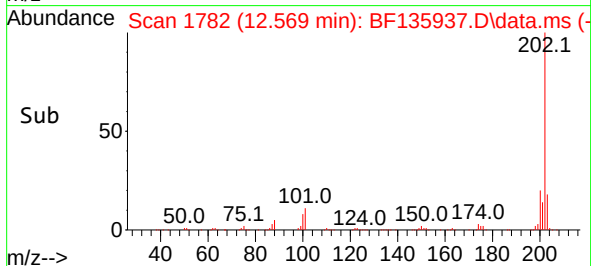
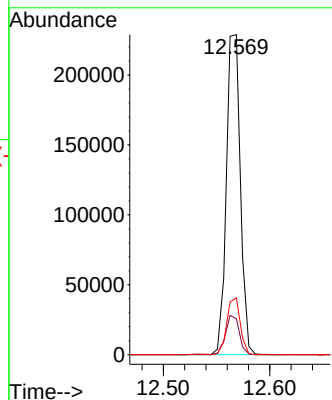


#75
Fluoranthene
Concen: 5.199 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Instrument :
BNA_F
ClientSampleId :

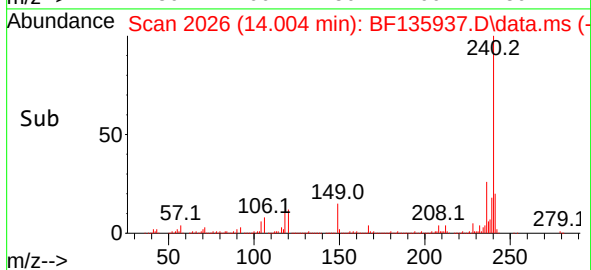
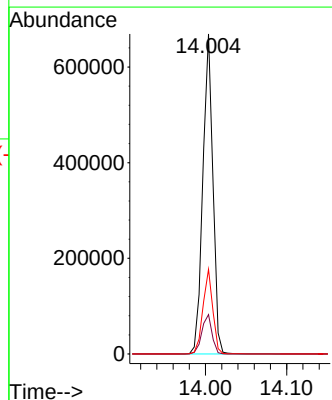
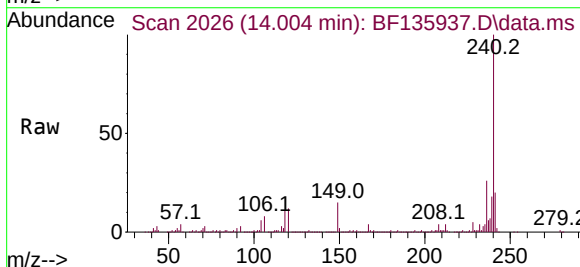


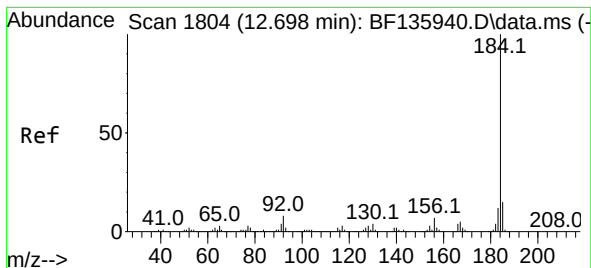
Tgt Ion:202 Resp: 209265
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.6
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:240 Resp: 576606
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 26.4 20.6 30.8





#77

Benzidine

Concen: 5.834 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

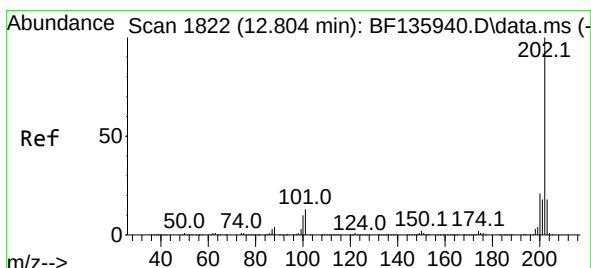
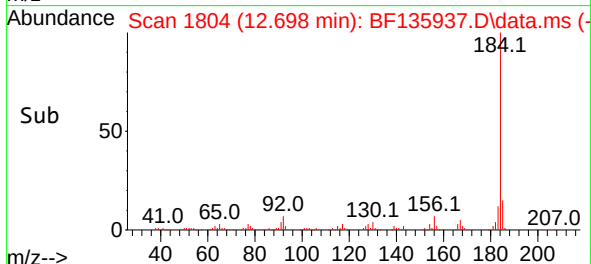
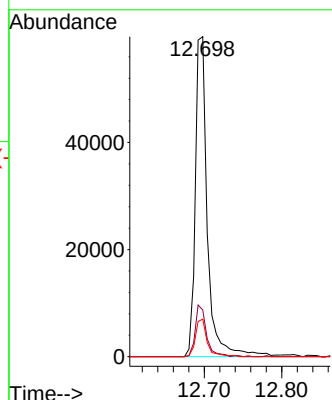
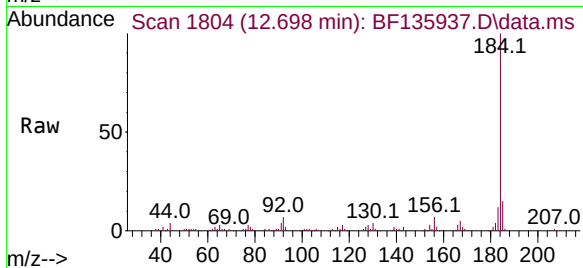
Tgt Ion:184 Resp: 64867

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.8 9.2 13.8



#78

Pyrene

Concen: 4.504 ng

RT: 12.798 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

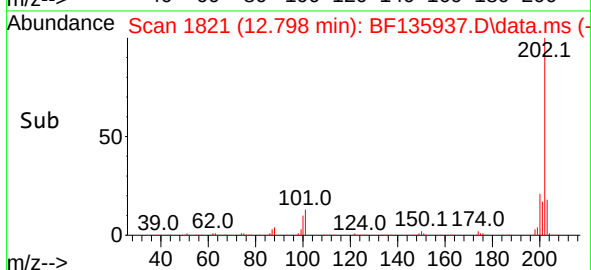
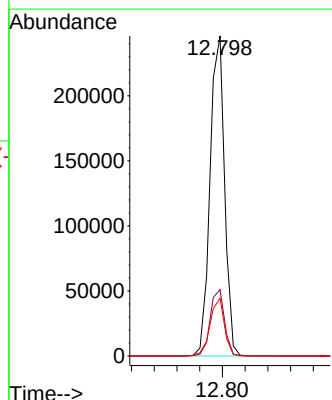
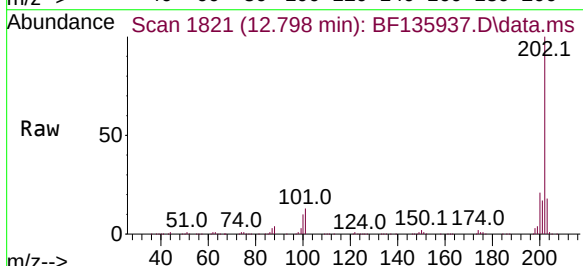
Tgt Ion:202 Resp: 218077

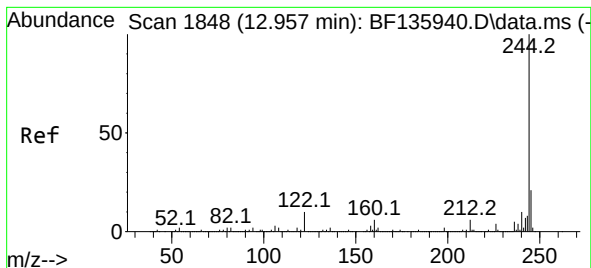
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 18.0 14.5 21.7





#79

Terphenyl-d14

Concen: 9.664 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

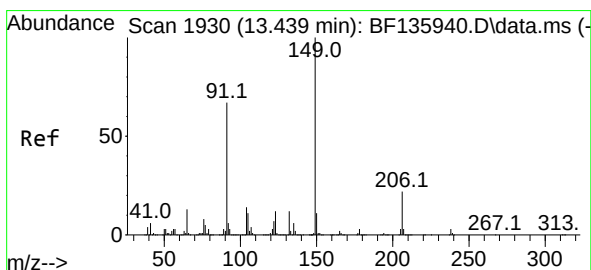
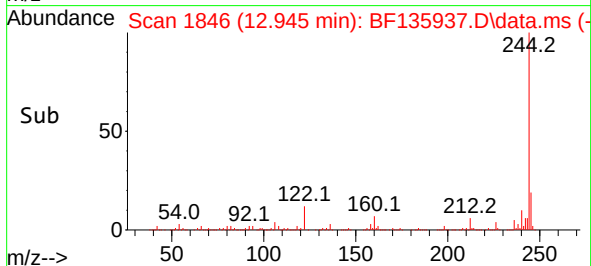
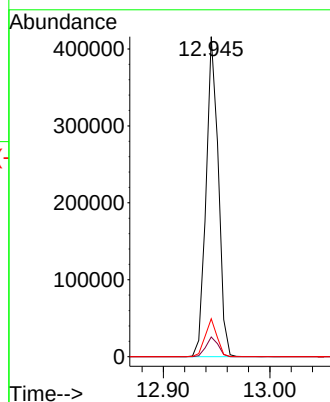
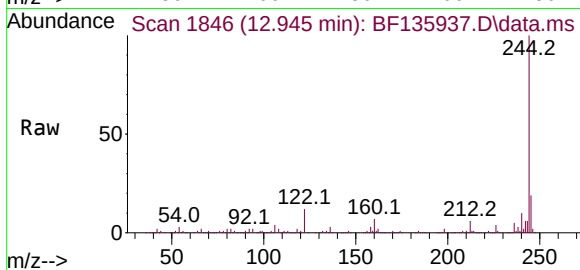
Tgt Ion:244 Resp: 333526

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

122 11.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 6.194 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

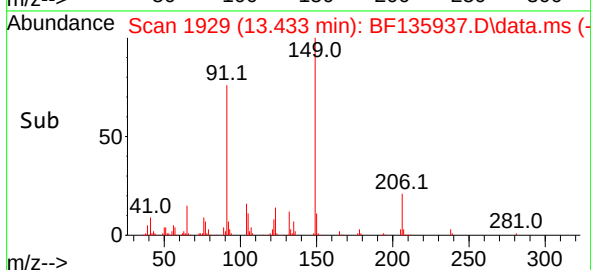
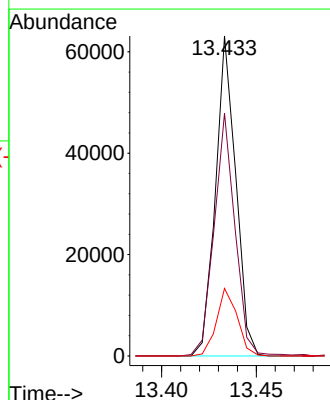
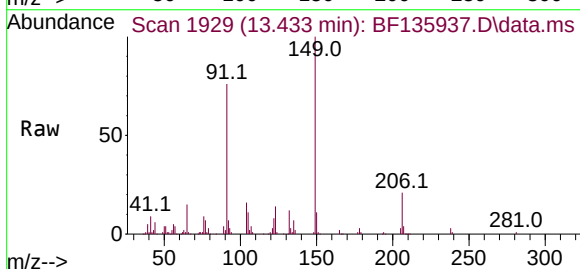
Tgt Ion:149 Resp: 47067

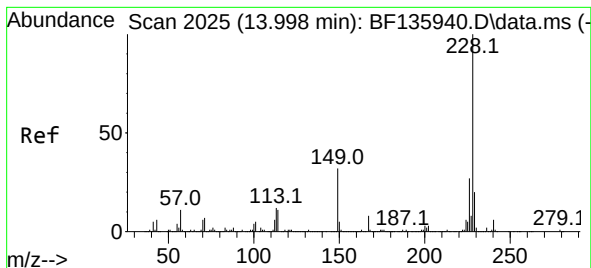
Ion Ratio Lower Upper

149 100

91 75.9 53.4 80.0

206 21.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 4.875 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

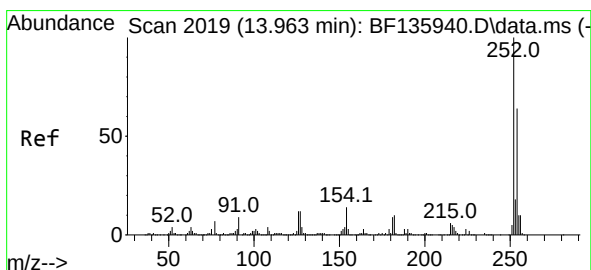
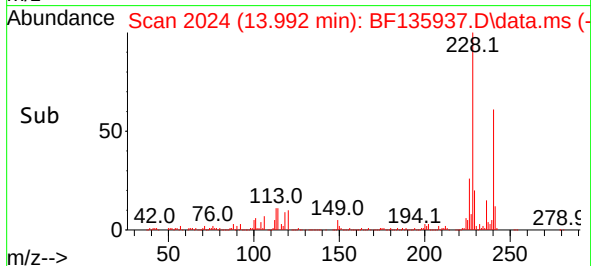
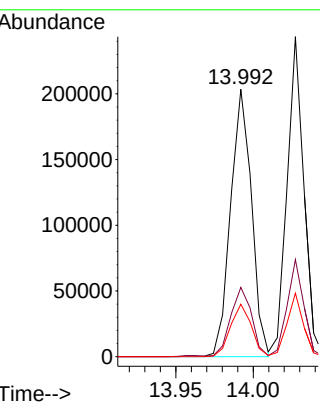
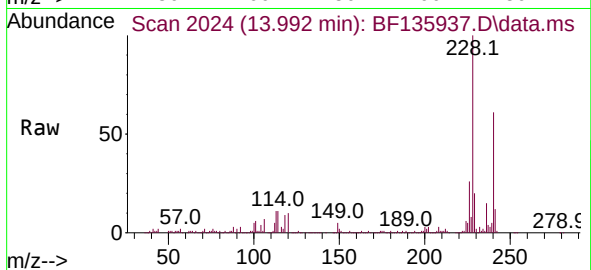
Tgt Ion:228 Resp: 191124

Ion Ratio Lower Upper

228 100

226 25.9 21.8 32.6

229 19.6 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 4.378 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

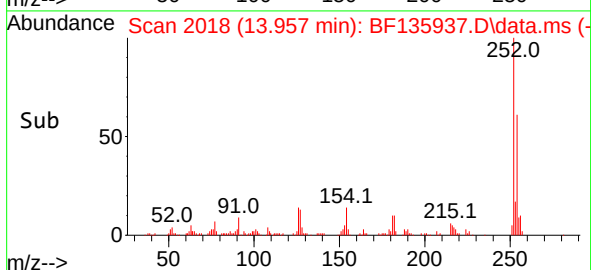
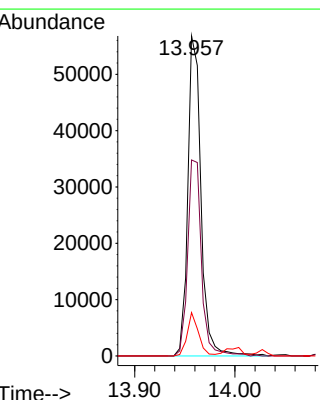
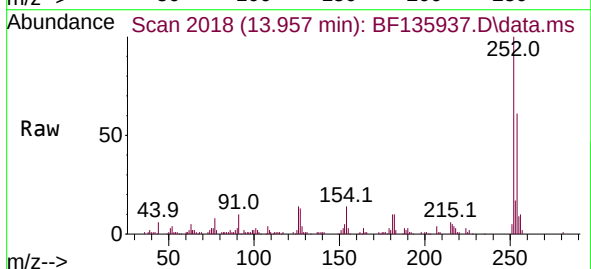
Tgt Ion:252 Resp: 52218

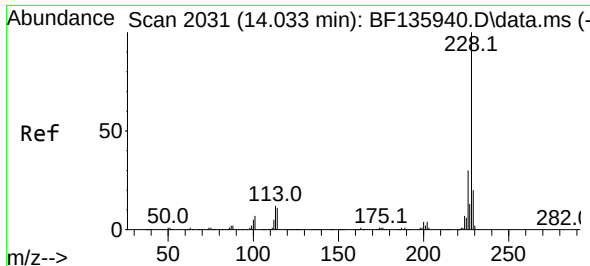
Ion Ratio Lower Upper

252 100

254 61.3 50.9 76.3

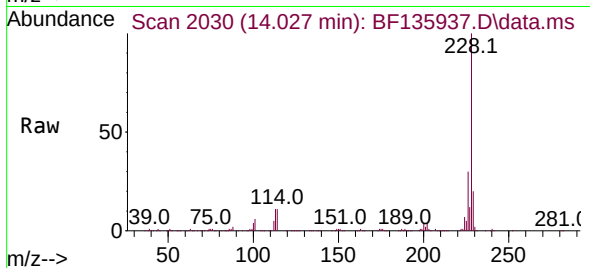
126 13.5 9.8 14.6



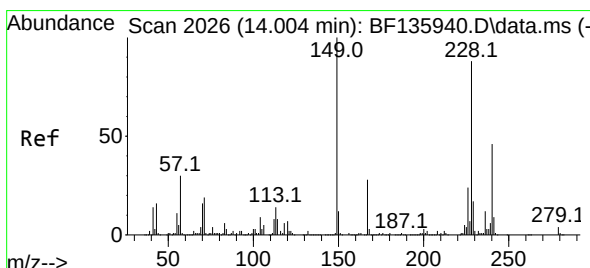
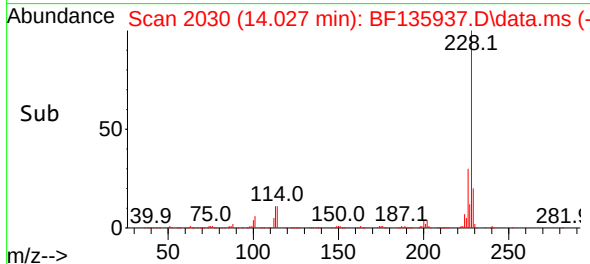
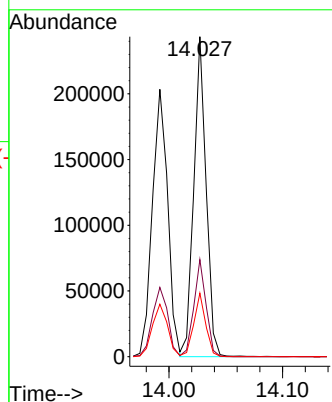


#83
Chrysene
Concen: 4.821 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Instrument :
BNA_F
ClientSampleId :

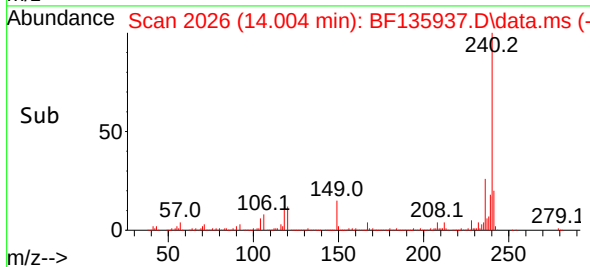
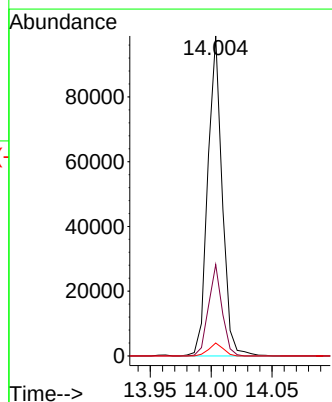
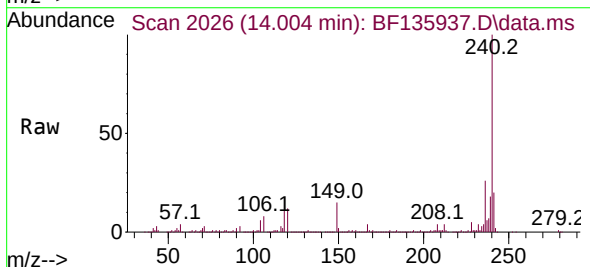


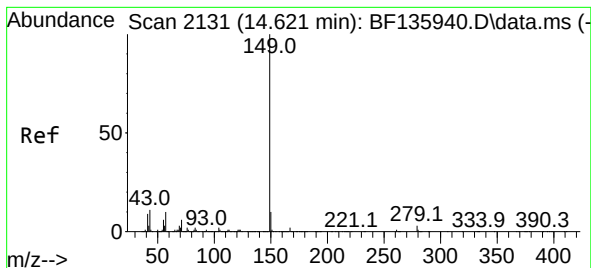
Tgt Ion:228 Resp: 184084
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 19.9 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.074 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:149 Resp: 81100
Ion Ratio Lower Upper
149 100
167 28.6 22.2 33.2
279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 3.234 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

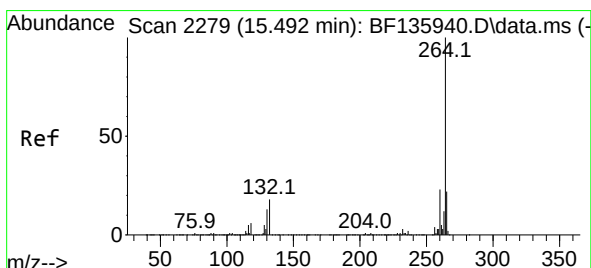
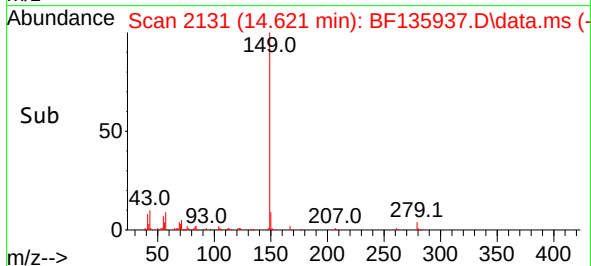
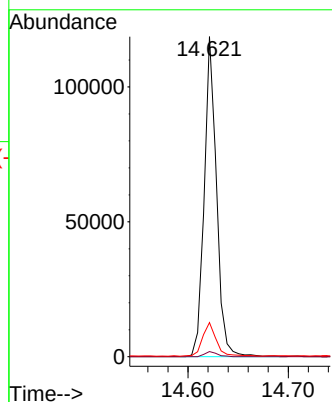
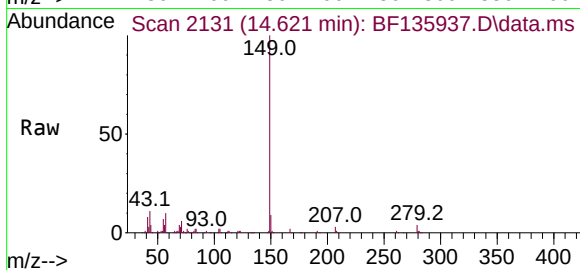
Tgt Ion:149 Resp: 101424

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

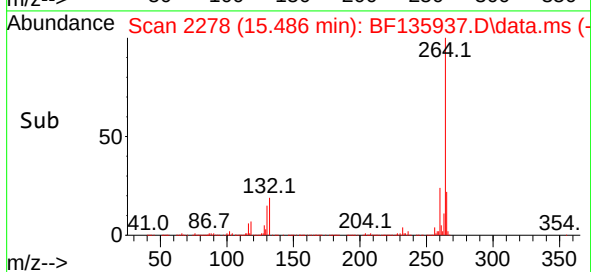
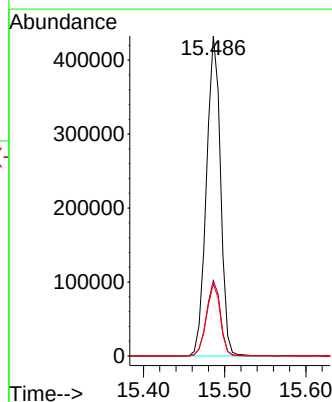
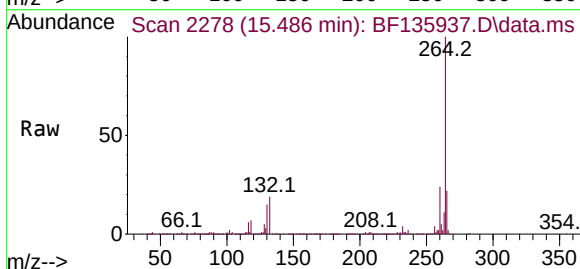
Tgt Ion:264 Resp: 519772

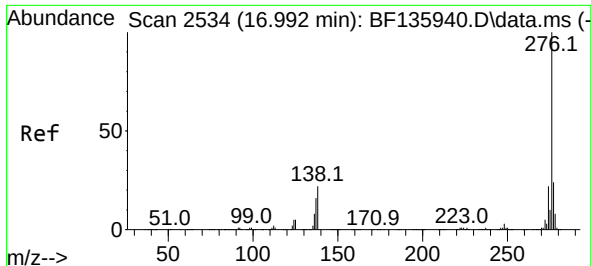
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

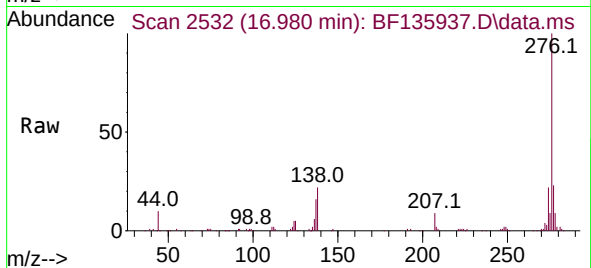
265 22.5 17.3 25.9



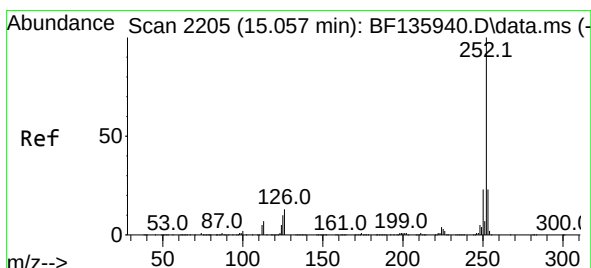
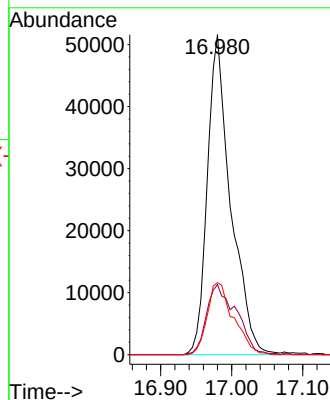
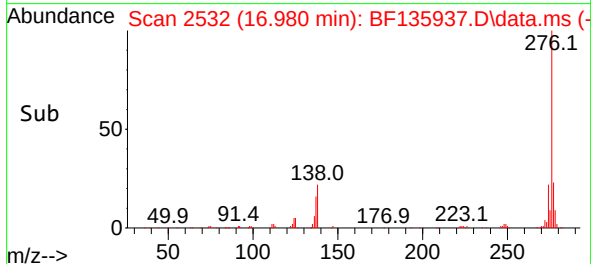


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.996 ng
 RT: 16.980 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF135937.D
 Acq: 25 Oct 2023 12:05

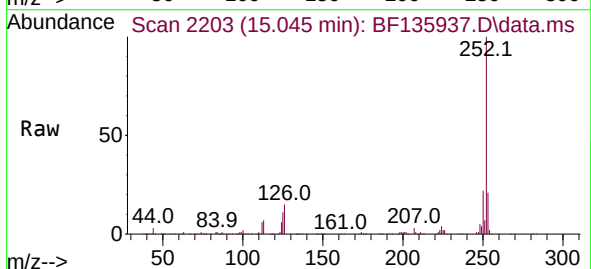
Instrument :
 BNA_F
 ClientSampleId :



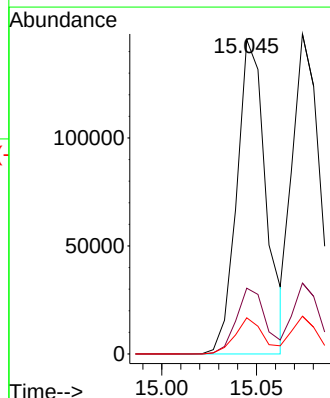
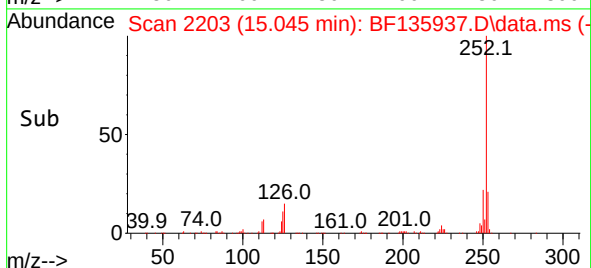
Tgt Ion:276 Resp: 117762
 Ion Ratio Lower Upper
 276 100
 138 28.0 21.8 32.6
 277 25.3 20.0 30.0

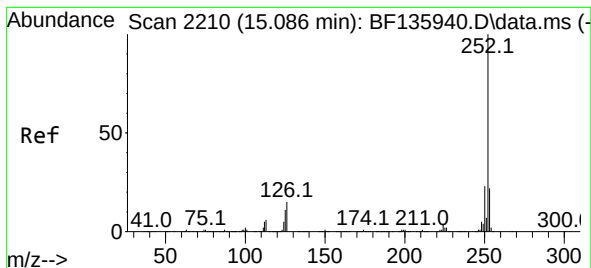


#88
 Benzo(b)fluoranthene
 Concen: 5.057 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. -0.012 min
 Lab File: BF135937.D
 Acq: 25 Oct 2023 12:05



Tgt Ion:252 Resp: 156441
 Ion Ratio Lower Upper
 252 100
 253 20.9 18.0 27.0
 125 11.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 4.894 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

Instrument :

BNA_F

ClientSampleId :

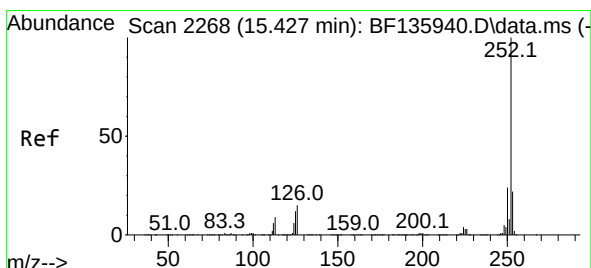
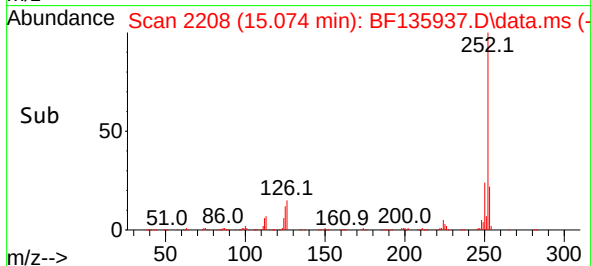
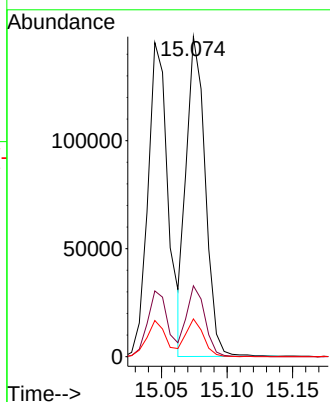
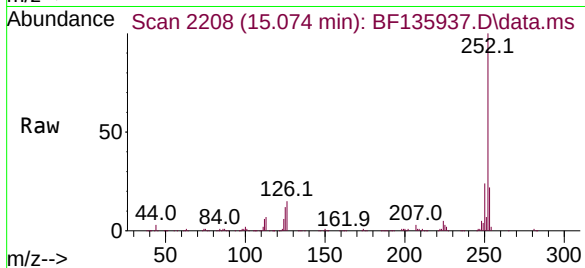
Tgt Ion:252 Resp: 148687

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.8 8.5 12.7



#90

Benzo(a)pyrene

Concen: 4.698 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.006 min

Lab File: BF135937.D

Acq: 25 Oct 2023 12:05

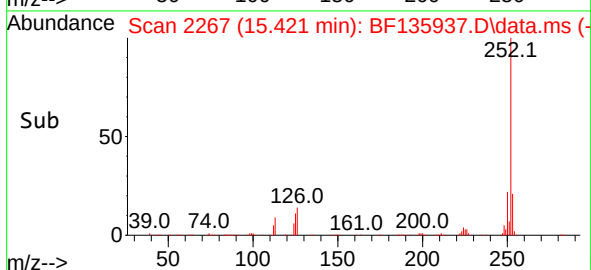
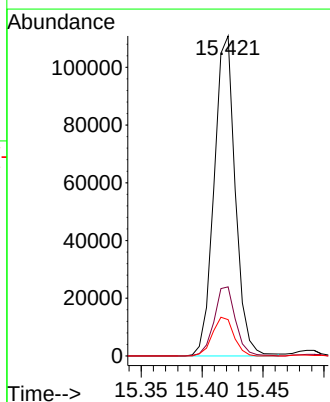
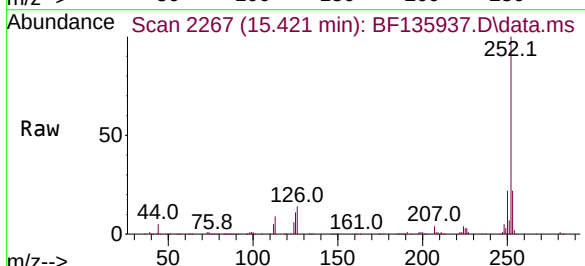
Tgt Ion:252 Resp: 133940

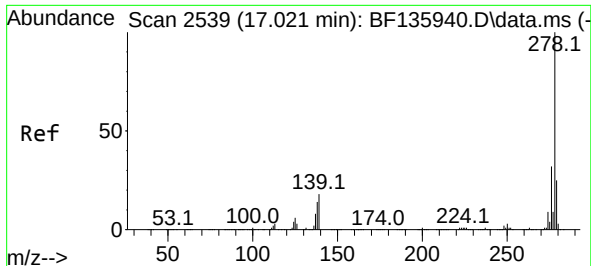
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

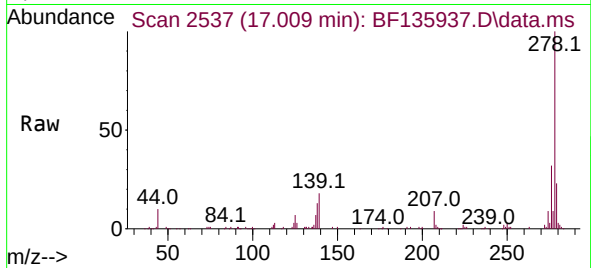
125 11.4 9.6 14.4



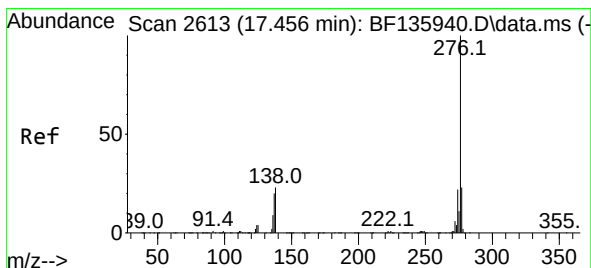
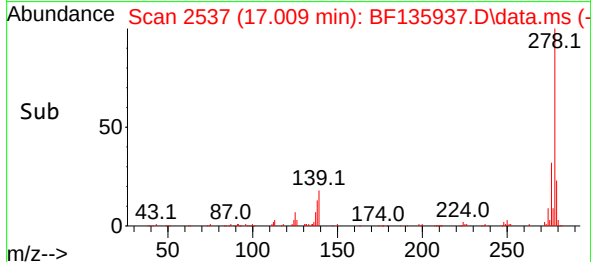
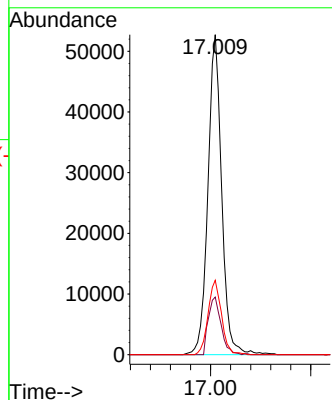


#91
Dibenzo(a,h)anthracene
Concen: 3.994 ng
RT: 17.009 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 100678
Ion Ratio Lower Upper
278 100
139 18.0 14.0 21.0
279 23.2 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 6.921 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.023 min
Lab File: BF135937.D
Acq: 25 Oct 2023 12:05

Tgt Ion:276 Resp: 98385
Ion Ratio Lower Upper
276 100
277 24.4 18.6 28.0
138 23.6 18.4 27.6

