

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135941.D
 Acq On : 25 Oct 2023 14:07
 Operator : CG\JU
 Sample : SSTDIC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 03:52:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:12:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	180151	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	723223	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	366289	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	684058	20.000	ng	0.00
76) Chrysene-d12	14.010	240	417145	20.000	ng	0.00
86) Perylene-d12	15.492	264	400794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1108320	95.000	ng	0.00
7) Phenol-d6	6.457	99	1384690	95.335	ng	0.00
23) Nitrobenzene-d5	7.392	82	1086637	95.641	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	333320	103.964	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2046422	89.460	ng	0.00
79) Terphenyl-d14	12.957	244	2396597	95.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	261019	48.164	ng	100
3) Pyridine	3.375	79	727092	48.608	ng	99
4) n-Nitrosodimethylamine	3.346	42	320084	49.075	ng	100
6) Aniline	6.498	93	938654	47.995	ng	99
8) 2-Chlorophenol	6.610	128	580501	48.064	ng	98
9) Benzaldehyde	6.381	77	362659	46.158	ng	99
10) Phenol	6.475	94	778875	51.293	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	562547	47.596	ng	96
12) 1,3-Dichlorobenzene	6.769	146	609155	47.484	ng	96
13) 1,4-Dichlorobenzene	6.845	146	612475	47.538	ng	100
14) 1,2-Dichlorobenzene	6.998	146	560910	46.882	ng	99
15) Benzyl Alcohol	6.969	79	491222	47.842	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	825604	47.433	ng	100
17) 2-Methylphenol	7.075	107	509418	47.857	ng	98
18) Hexachloroethane	7.339	117	214230	48.900	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	395577	47.894	ng	99
20) 3+4-Methylphenols	7.234	107	604560	47.058	ng	89
22) Acetophenone	7.239	105	755556	46.255	ng	94
24) Nitrobenzene	7.410	77	566240	47.316	ng	97
25) Isophorone	7.645	82	1094138	47.862	ng	100
26) 2-Nitrophenol	7.722	139	212212	49.963	ng	99
27) 2,4-Dimethylphenol	7.763	122	501808	48.163	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	661095	47.093	ng	98
29) 2,4-Dichlorophenol	7.963	162	467235	50.079	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	500325	47.363	ng	100
31) Naphthalene	8.128	128	1630592	46.634	ng	100
32) Benzoic acid	7.886	122	182935	39.504	ng	89
33) 4-Chloroaniline	8.181	127	733450	47.459	ng	96
34) Hexachlorobutadiene	8.245	225	285767	47.995	ng	98
35) Caprolactam	8.563	113	156712	50.474	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	487105	49.129	ng	97
37) 2-Methylnaphthalene	8.822	142	1078138	46.602	ng	99
38) 1-Methylnaphthalene	8.922	142	1004965	46.489	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	485737	46.952	ng	99
41) Hexachlorocyclopentadiene	8.975	237	262360	51.431	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	308811	51.000	ng	99

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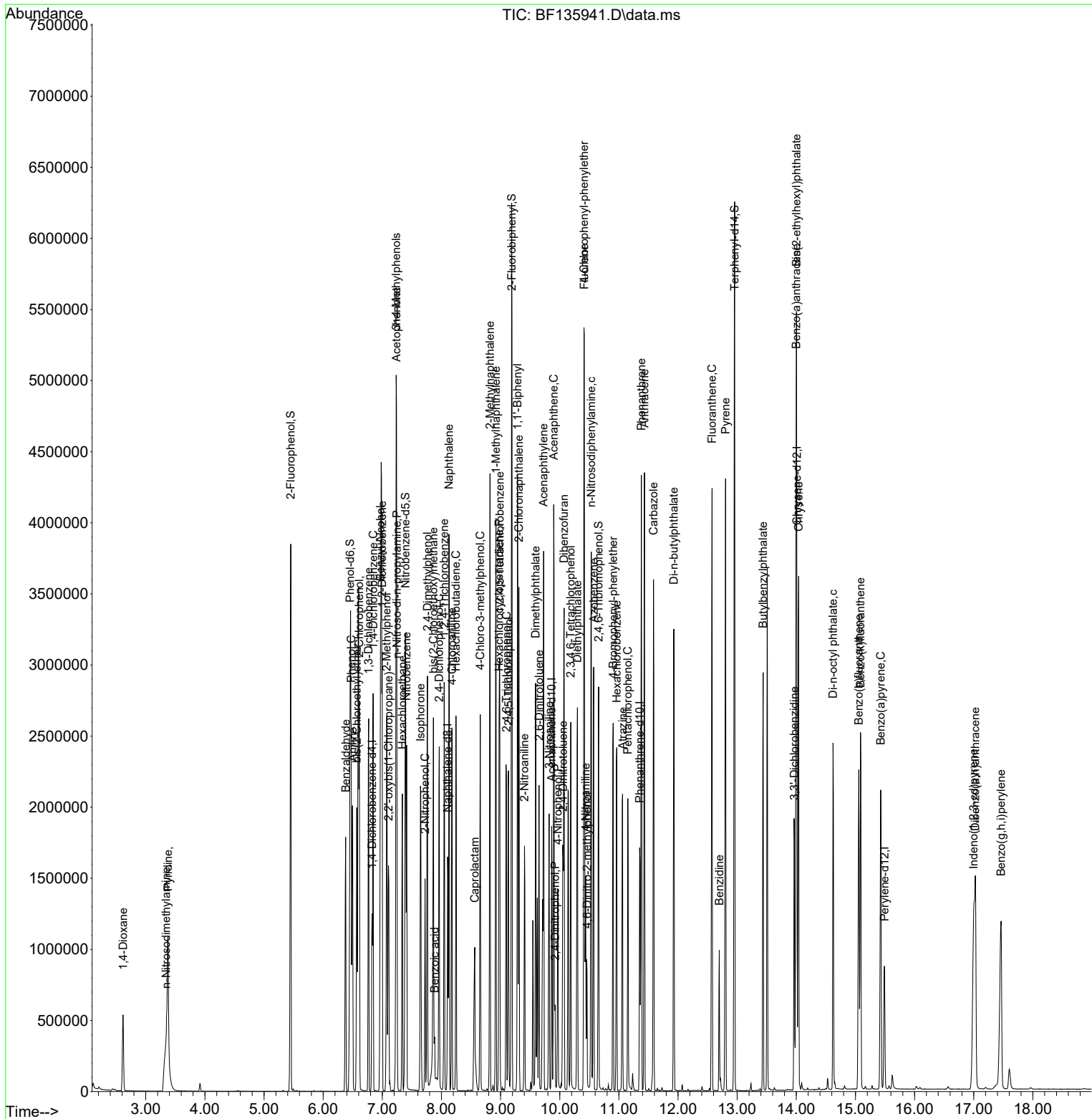
Instrument :
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Quant Time: Oct 26 03:52:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	363667	50.585	ng	95
46) 1,1'-Biphenyl	9.286	154	1289730	46.469	ng	99
47) 2-Chloronaphthalene	9.310	162	961715	46.846	ng	98
48) 2-Nitroaniline	9.404	65	275902	49.000	ng	99
49) Acenaphthylene	9.727	152	1515294	46.787	ng	99
50) Dimethylphthalate	9.592	163	1121471	47.212	ng	99
51) 2,6-Dinitrotoluene	9.651	165	235145	47.775	ng	93
52) Acenaphthene	9.898	154	977386	47.090	ng	99
53) 3-Nitroaniline	9.822	138	277683	47.207	ng	92
54) 2,4-Dinitrophenol	9.922	184	61585	49.705	ng	92
55) Dibenzofuran	10.074	168	1401356	46.735	ng	97
56) 4-Nitrophenol	9.969	139	216701	47.911	ng	88
57) 2,4-Dinitrotoluene	10.057	165	293030	48.063	ng	95
58) Fluorene	10.416	166	1025987	45.735	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	277282	51.255	ng	99
60) Diethylphthalate	10.298	149	1082523	47.791	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	494595	45.706	ng	98
62) 4-Nitroaniline	10.439	138	276721	47.483	ng	99
63) Azobenzene	10.574	77	1083158	47.120	ng	95
65) 4,6-Dinitro-2-methylph...	10.463	198	110473	49.308	ng	84
66) n-Nitrosodiphenylamine	10.533	169	960725	46.490	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	331797	47.362	ng	94
68) Hexachlorobenzene	10.963	284	354710	47.398	ng	# 91
69) Atrazine	11.063	200	261877	46.485	ng	98
70) Pentachlorophenol	11.151	266	220179	48.178	ng	98
71) Phenanthrene	11.380	178	1604117	46.351	ng	99
72) Anthracene	11.433	178	1648905	46.531	ng	99
73) Carbazole	11.586	167	1476715	46.715	ng	99
74) Di-n-butylphthalate	11.927	149	1625877	48.335	ng	100
75) Fluoranthene	12.574	202	1700545	46.706	ng	98
77) Benzidine	12.698	184	338038	42.026	ng	99
78) Pyrene	12.804	202	1734086	49.510	ng	100
80) Butylbenzylphthalate	13.439	149	626035	47.351	ng	99
81) Benzo(a)anthracene	13.998	228	1359450	47.929	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	413051	47.867	ng	# 97
83) Chrysene	14.039	228	1321701	47.845	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	741294	51.469	ng	99
85) Di-n-octyl phthalate	14.621	149	1150655	50.715	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1228974	54.077	ng	99
88) Benzo(b)fluoranthene	15.057	252	1115976	46.787	ng	99
89) Benzo(k)fluoranthene	15.086	252	1146960	48.961	ng	99
90) Benzo(a)pyrene	15.427	252	1079718	49.116	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1012283	52.074	ng	99
92) Benzo(g,h,i)perylene	17.462	276	1033729	46.867	ng	99

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

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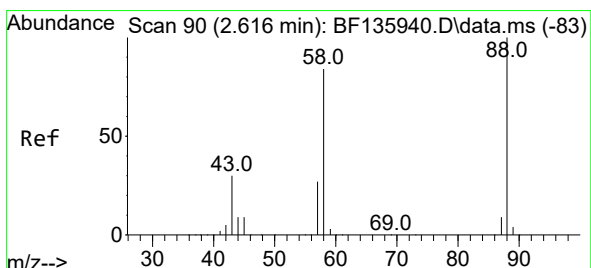
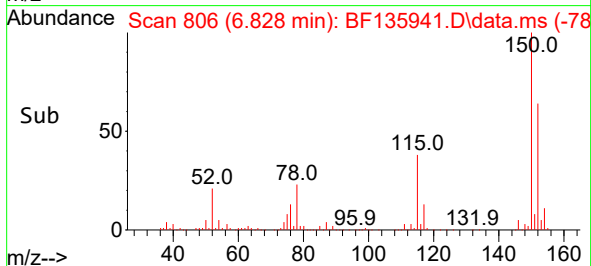
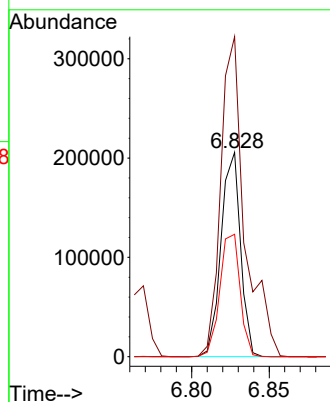
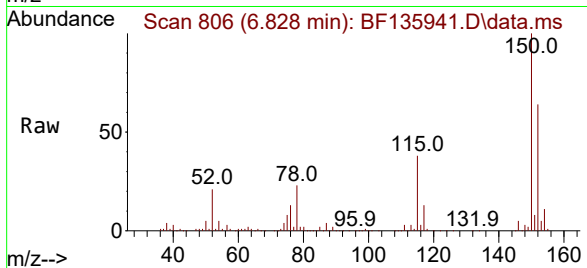




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF135941.D
 Acq: 25 Oct 2023 14:07

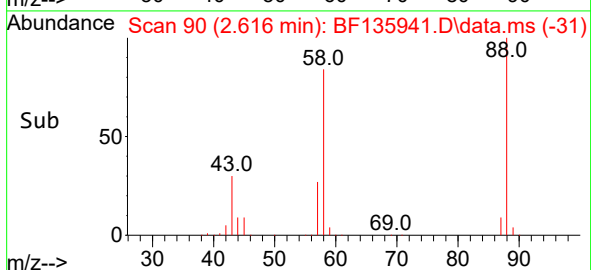
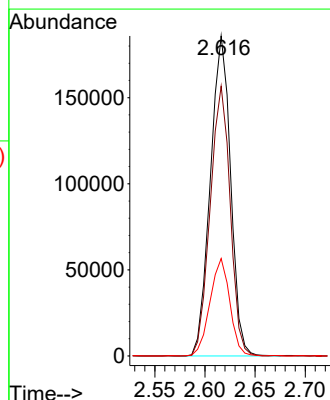
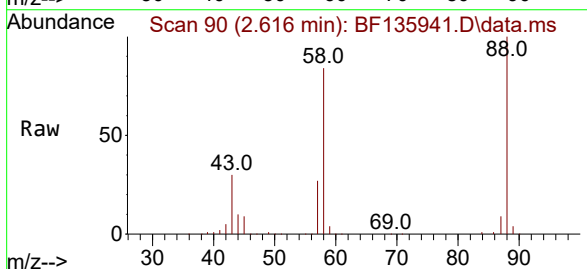
Instrument :
 BNA_F
 ClientSampleId :

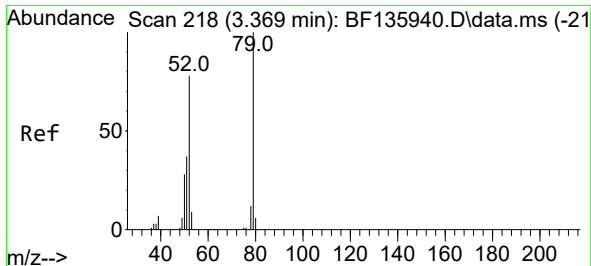
Tgt Ion:152 Resp: 180151
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 59.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 48.164 ng
 RT: 2.616 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: BF135941.D
 Acq: 25 Oct 2023 14:07

Tgt Ion: 88 Resp: 261019
 Ion Ratio Lower Upper
 88 100
 58 83.0 66.6 100.0
 43 29.8 23.8 35.8





#3

Pyridine

Concen: 48.608 ng

RT: 3.375 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNF

ClientSampleId :

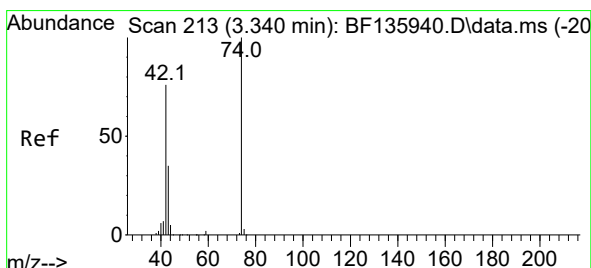
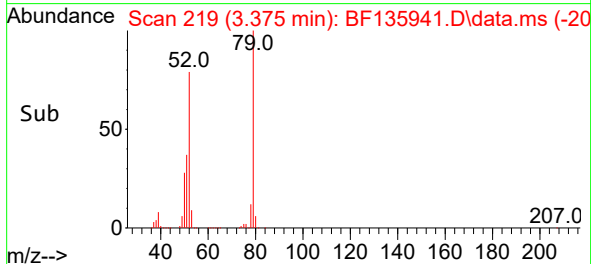
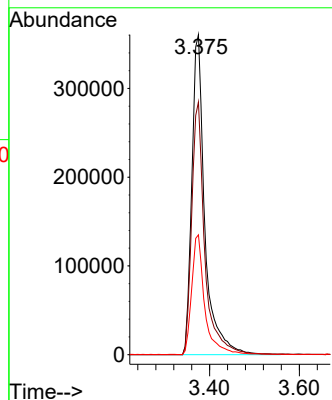
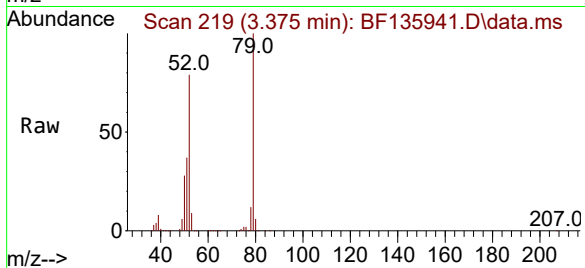
Tgt Ion: 79 Resp: 727092

Ion Ratio Lower Upper

79 100

52 78.9 62.6 93.8

51 37.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 49.075 ng

RT: 3.346 min Scan# 214

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

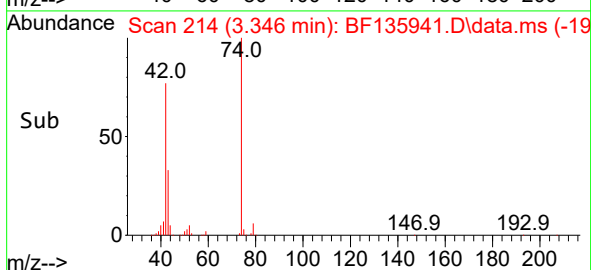
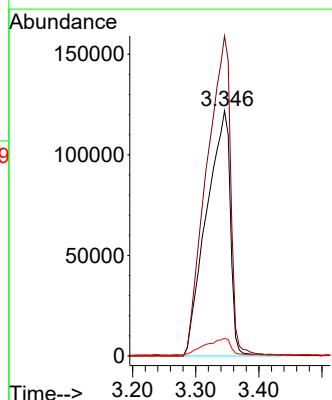
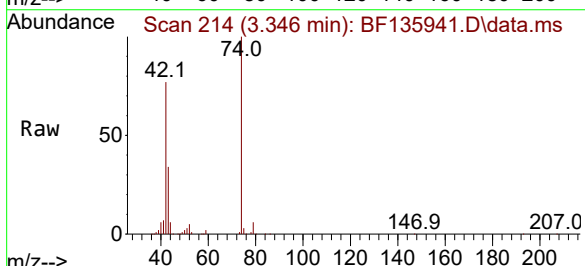
Tgt Ion: 42 Resp: 320084

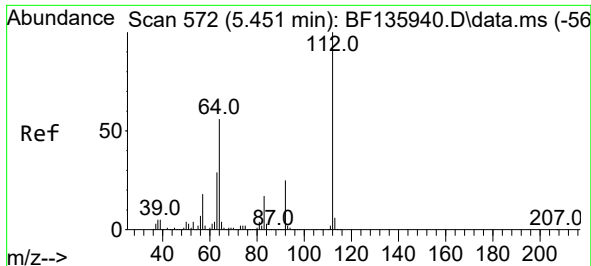
Ion Ratio Lower Upper

42 100

74 130.5 104.8 157.2

44 7.3 5.9 8.9

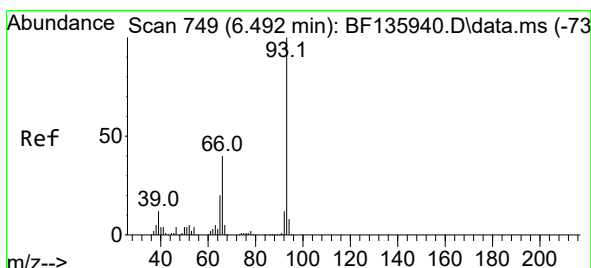
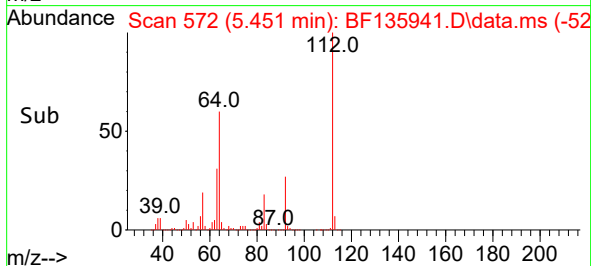
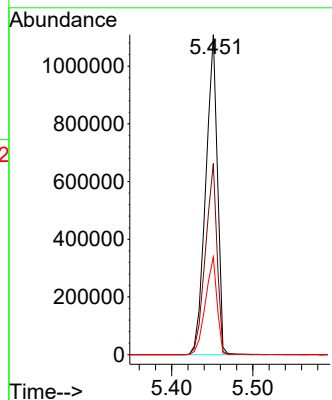
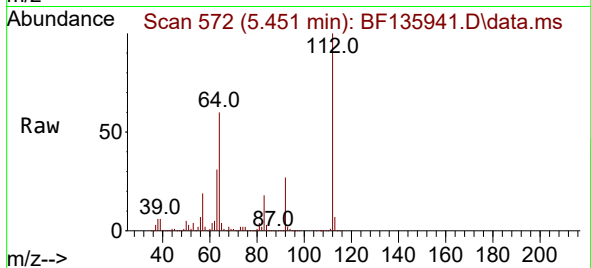




#5
2-Fluorophenol
Concen: 95.000 ng
RT: 5.451 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

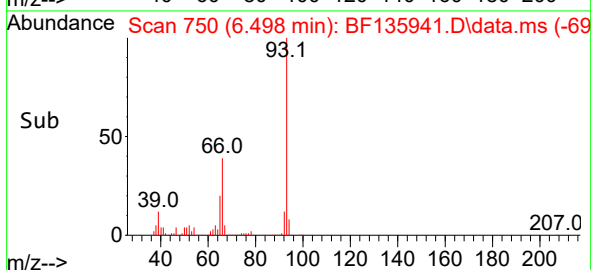
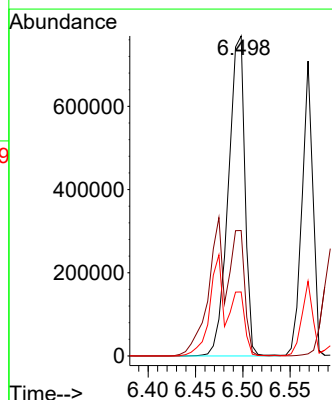
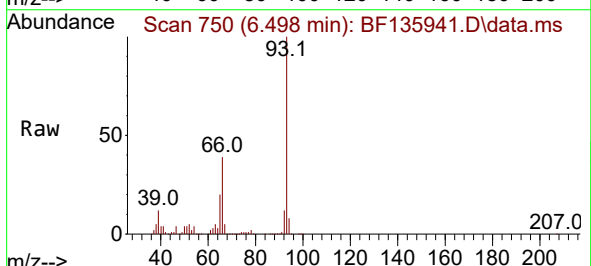
Instrument :
BNA_F
ClientSampleId :

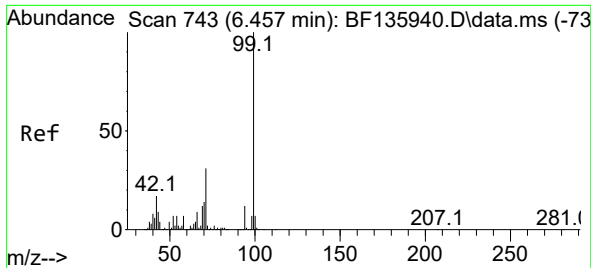
Tgt Ion:112 Resp: 1108320
Ion Ratio Lower Upper
112 100
64 59.7 45.1 67.7
63 30.5 23.0 34.4



#6
Aniline
Concen: 47.995 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion: 93 Resp: 938654
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.0 16.2 24.4

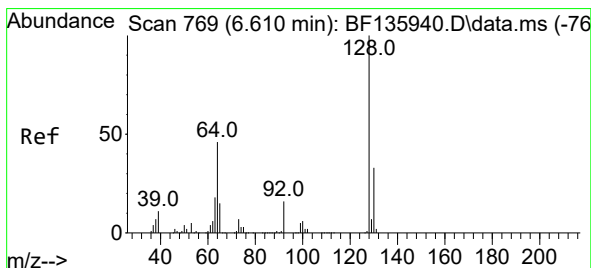
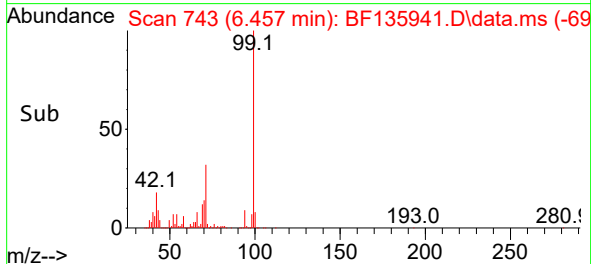
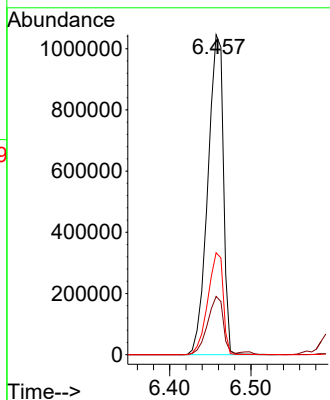
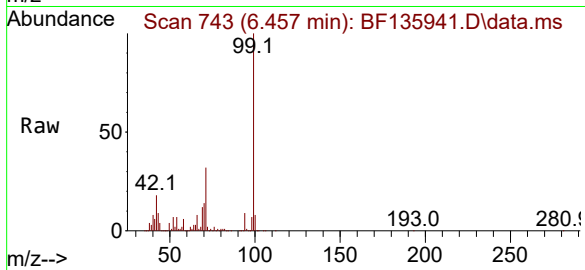




#7
Phenol-d6
Concen: 95.335 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

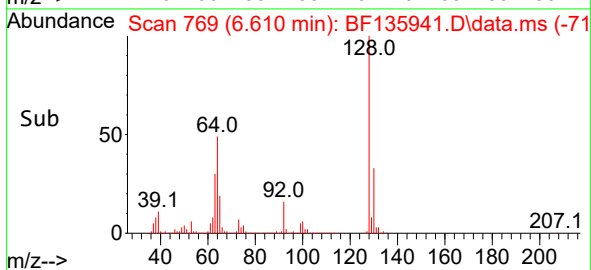
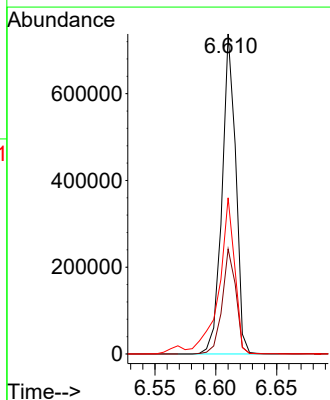
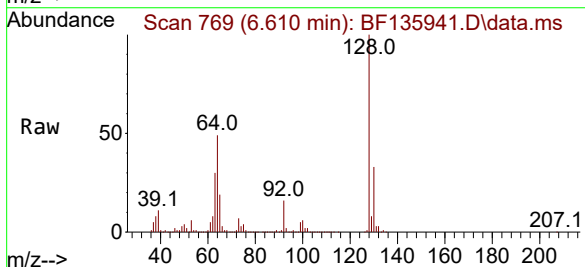
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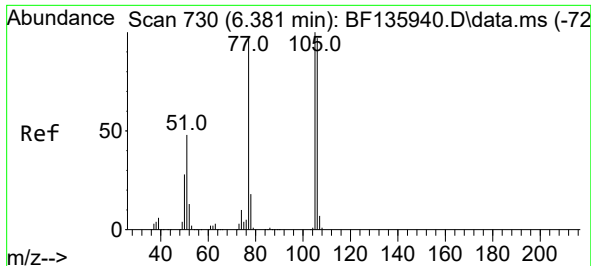
Tgt Ion: 99 Resp: 1384690
Ion Ratio Lower Upper
99 100
42 18.2 13.8 20.8
71 31.9 25.1 37.7



#8
2-Chlorophenol
Concen: 48.064 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

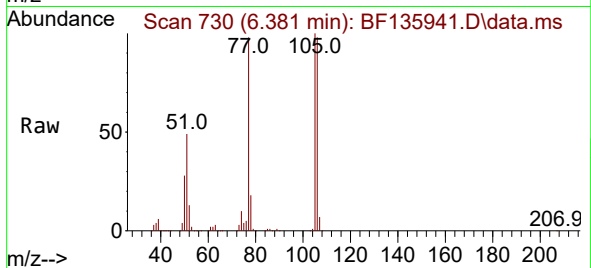
Tgt Ion:128 Resp: 580501
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 48.8 27.0 67.0



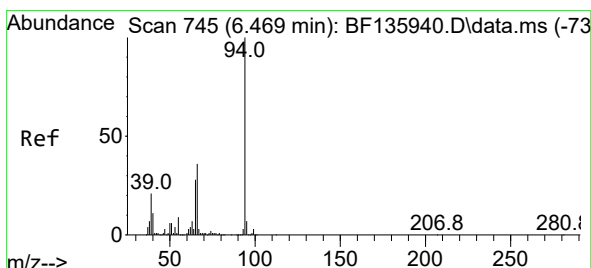
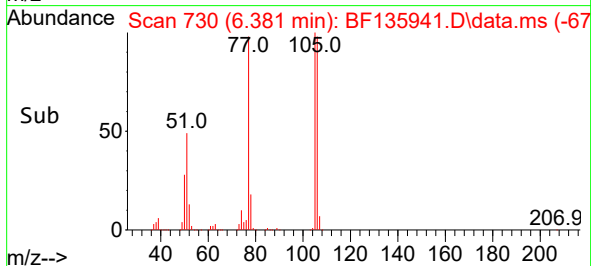
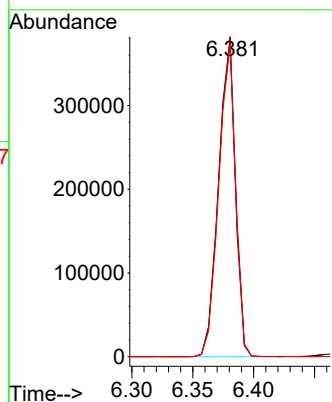


#9
Benzaldehyde
Concen: 46.158 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :

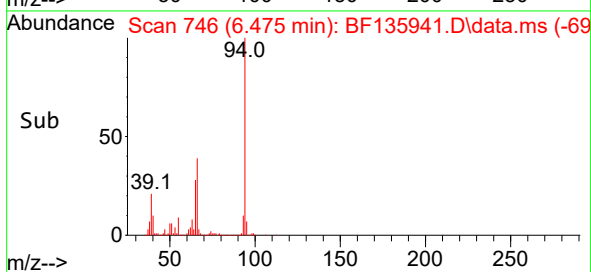
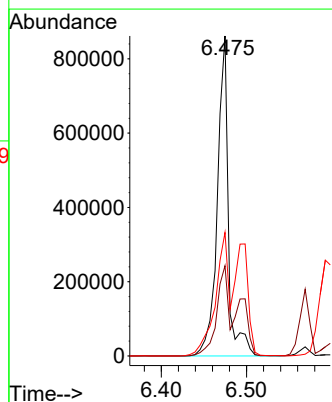
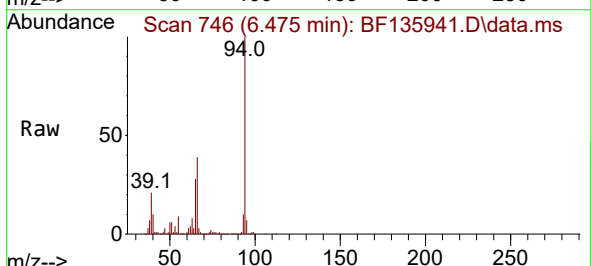


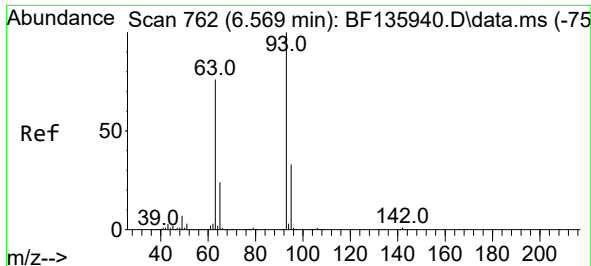
Tgt Ion: 77 Resp: 362659
Ion Ratio Lower Upper
77 100
105 101.7 83.2 123.2
106 99.2 80.0 120.0



#10
Phenol
Concen: 51.293 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion: 94 Resp: 778875
Ion Ratio Lower Upper
94 100
65 28.2 7.8 47.8
66 38.6 16.5 56.5

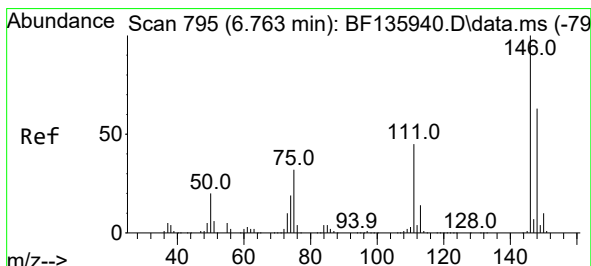
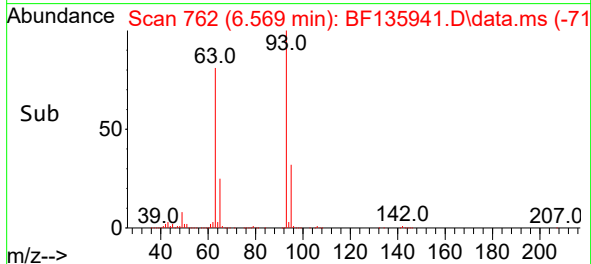
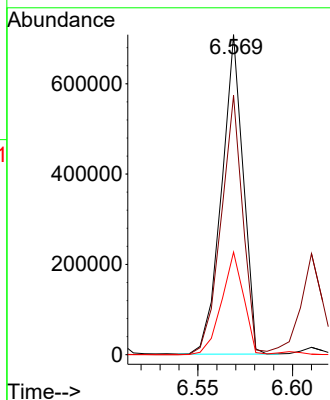
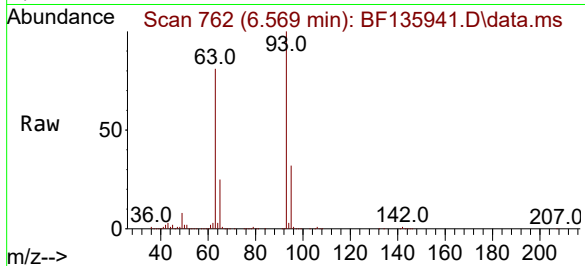




#11
bis(2-Chloroethyl)ether
Concen: 47.596 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

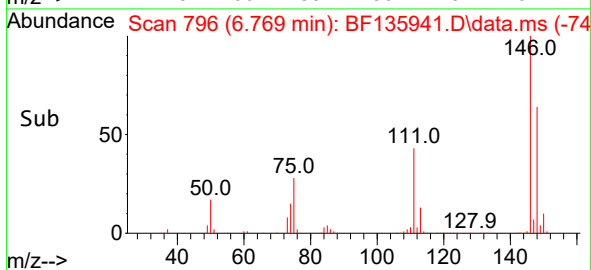
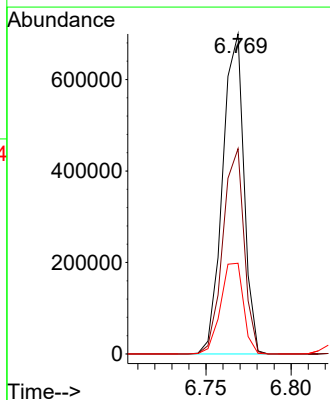
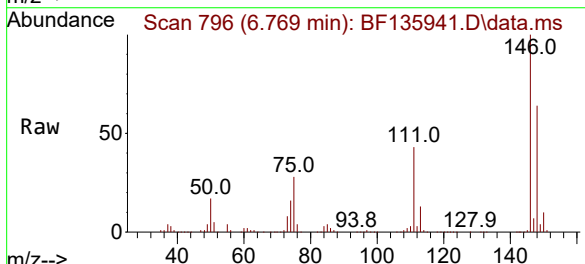
Instrument :
BNA_F
ClientSampleId :

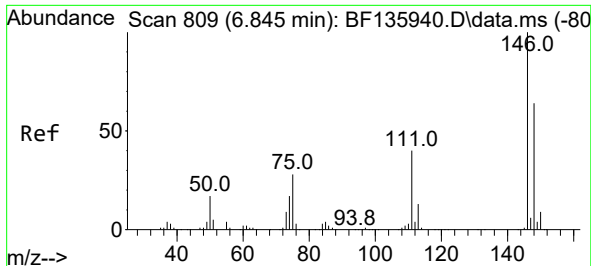
Tgt Ion: 93 Resp: 562547
Ion Ratio Lower Upper
93 100
63 81.0 56.2 96.2
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.484 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:146 Resp: 609155
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.4
75 28.3 25.9 38.9

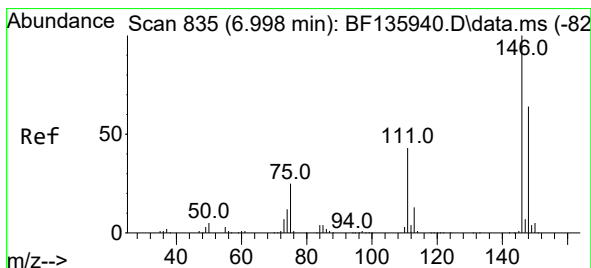
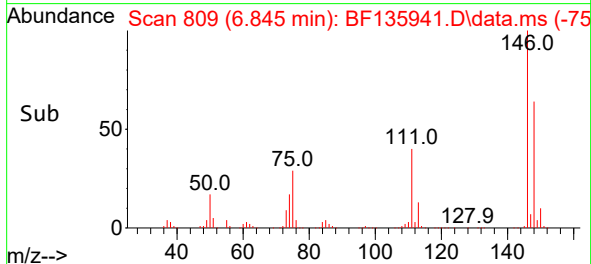
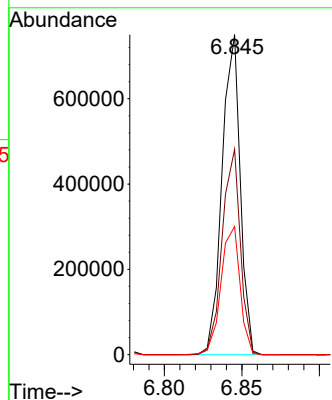
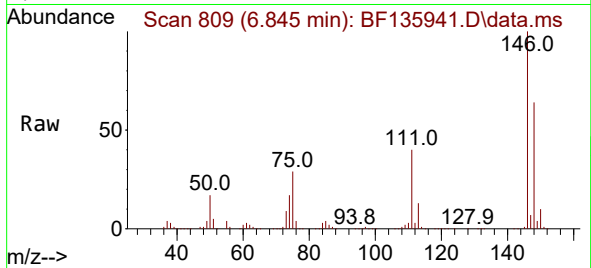




#13
1,4-Dichlorobenzene
Concen: 47.538 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

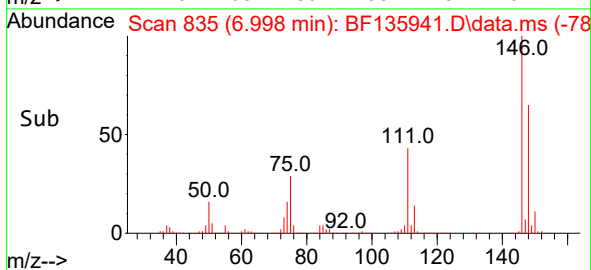
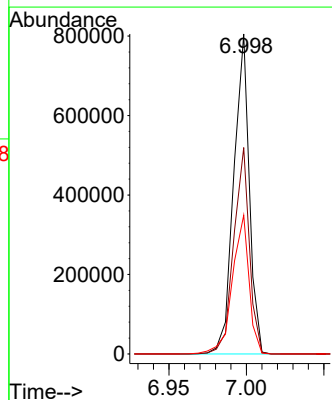
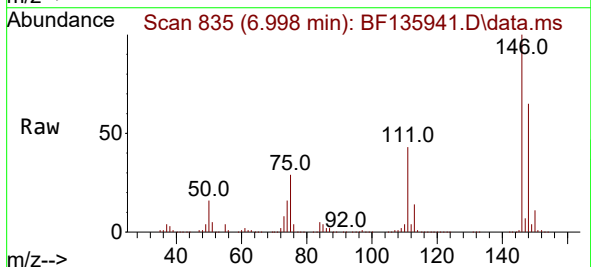
Instrument :
BNA_F
ClientSampleId :

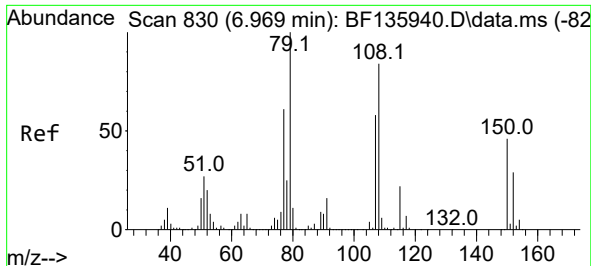
Tgt Ion:146 Resp: 612475
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 40.0 31.8 47.8



#14
1,2-Dichlorobenzene
Concen: 46.882 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

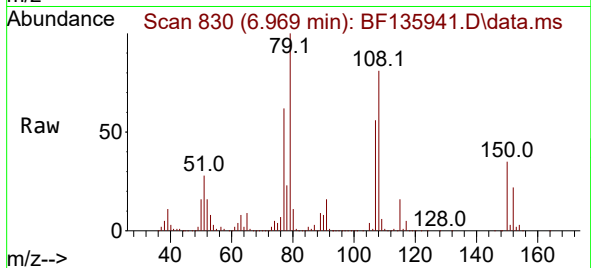
Tgt Ion:146 Resp: 560910
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 43.4 34.2 51.4



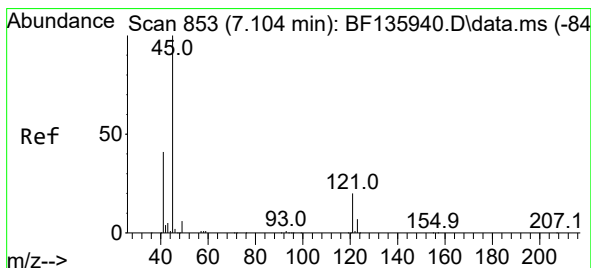
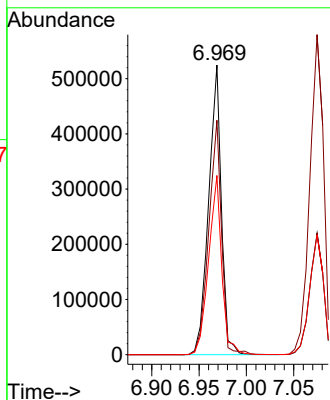
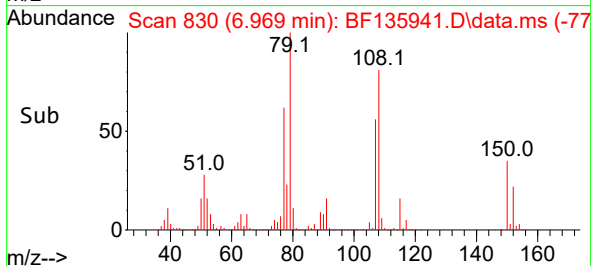


#15
Benzyl Alcohol
Concen: 47.842 ng
RT: 6.969 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :

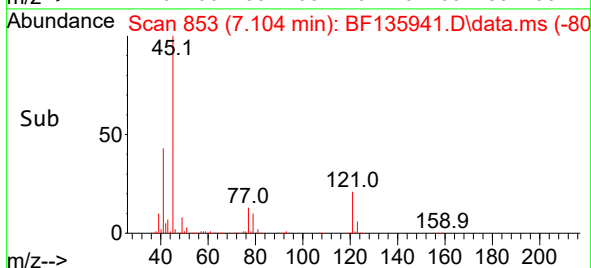
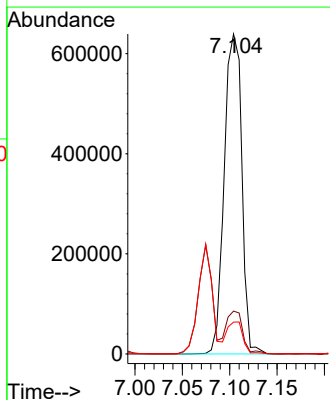
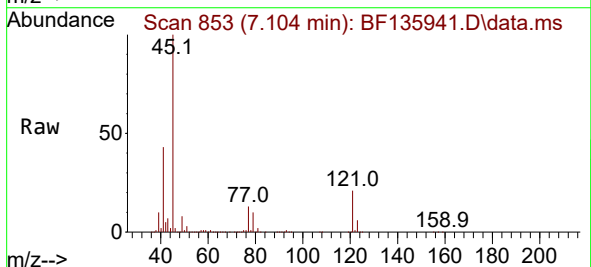


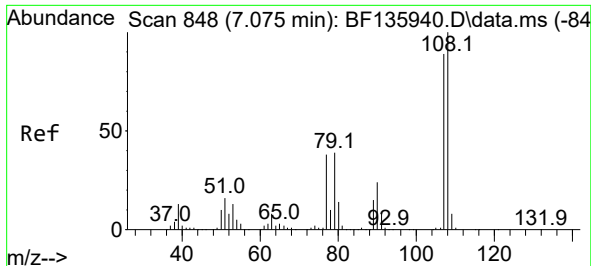
Tgt Ion: 79 Resp: 491222
Ion Ratio Lower Upper
79 100
108 80.9 67.2 100.8
77 61.9 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.433 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

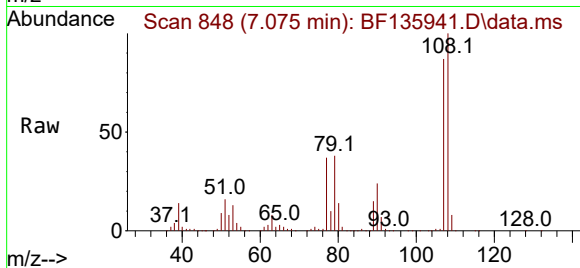
Tgt Ion: 45 Resp: 825604
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.2
79 9.9 0.0 29.8



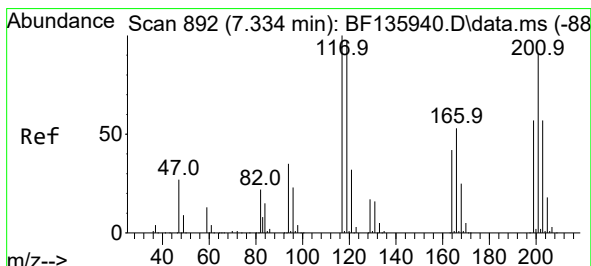
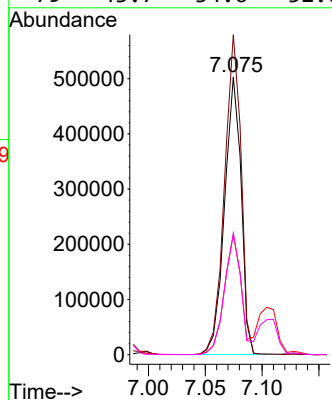
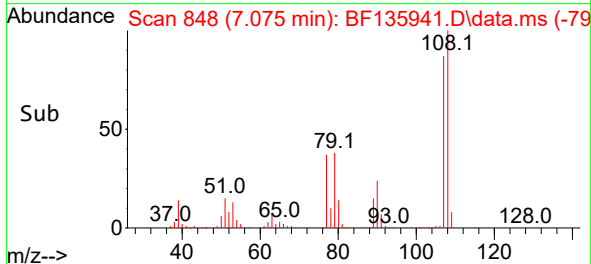


#17
2-Methylphenol
Concen: 47.857 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :

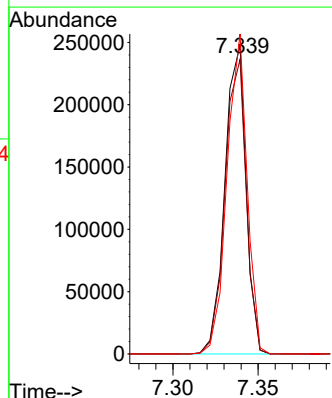
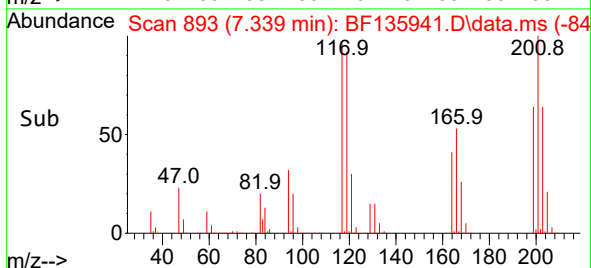
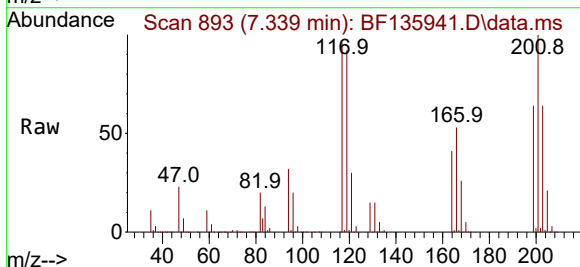


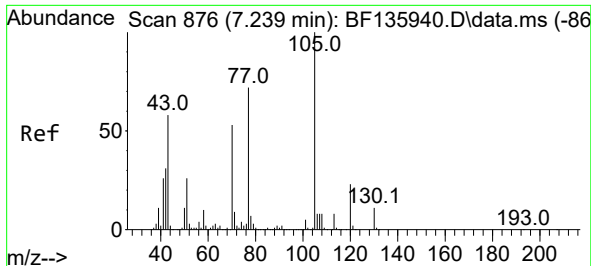
Tgt Ion:107 Resp: 509418
Ion Ratio Lower Upper
107 100
108 115.2 89.8 134.6
77 43.1 34.2 51.2
79 43.7 34.6 52.0



#18
Hexachloroethane
Concen: 48.900 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

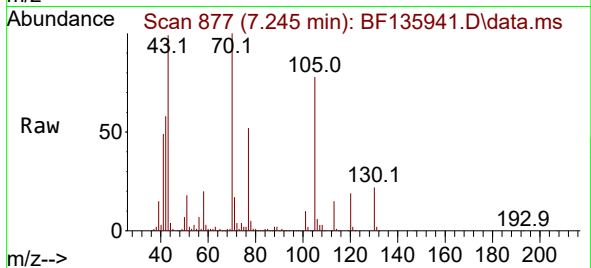
Tgt Ion:117 Resp: 214230
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
201 103.7 72.8 109.2



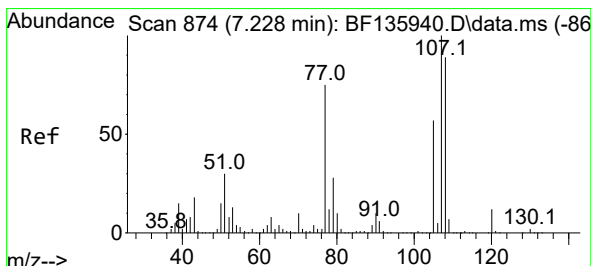
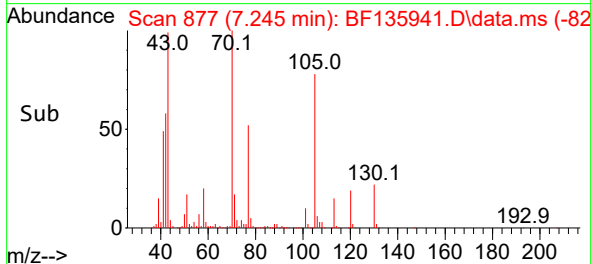
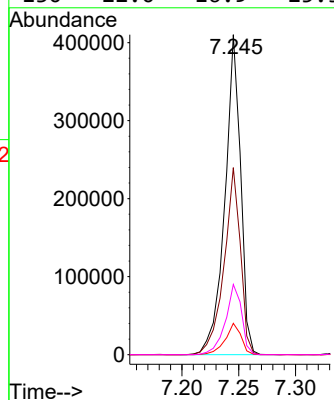


#19
n-Nitroso-di-n-propylamine
Concen: 47.894 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :

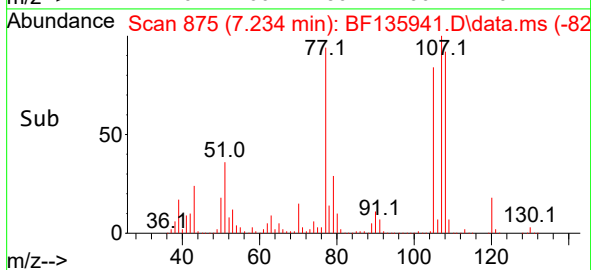
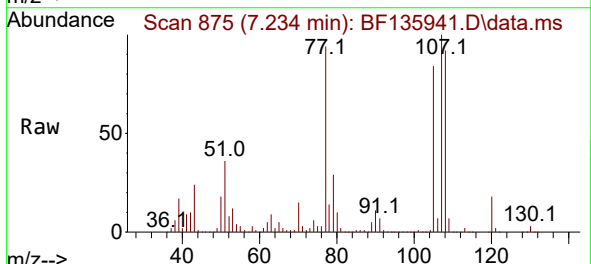
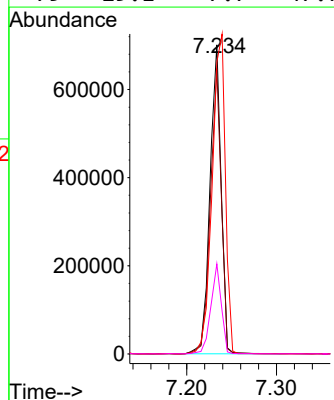


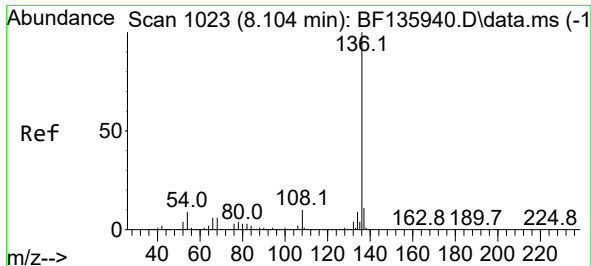
Tgt Ion: 70 Resp: 395577
Ion Ratio Lower Upper
70 100
42 58.5 47.3 70.9
101 9.8 7.8 11.8
130 22.0 16.9 25.3



#20
3+4-Methylphenols
Concen: 47.058 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

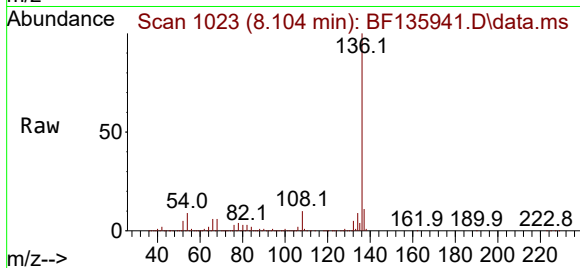
Tgt Ion: 107 Resp: 604560
Ion Ratio Lower Upper
107 100
108 92.3 69.1 109.1
77 94.4 55.0 95.0
79 29.1 7.7 47.7



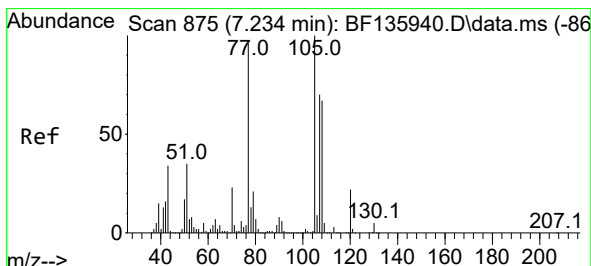
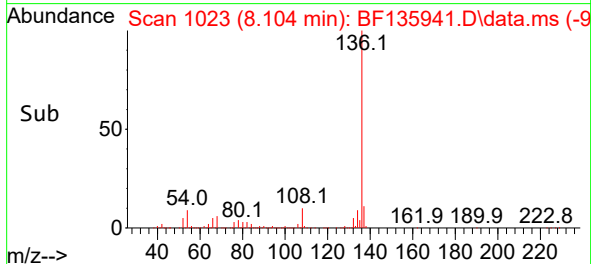
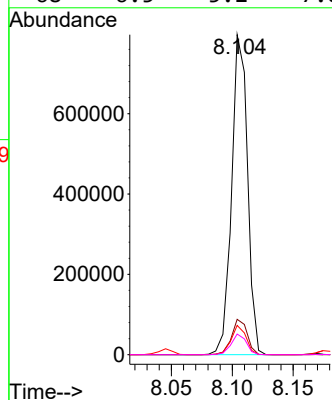


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :

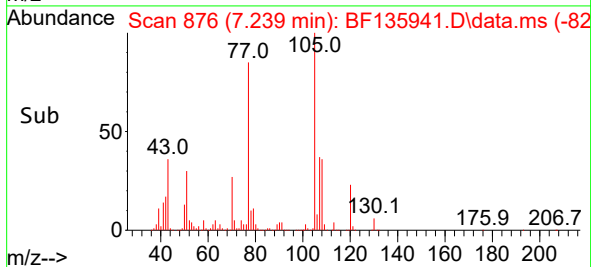
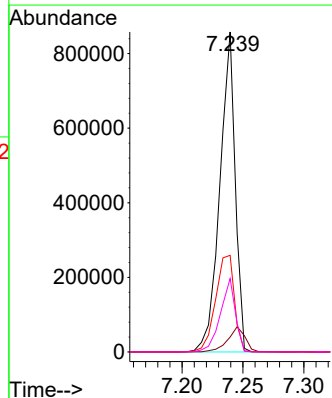
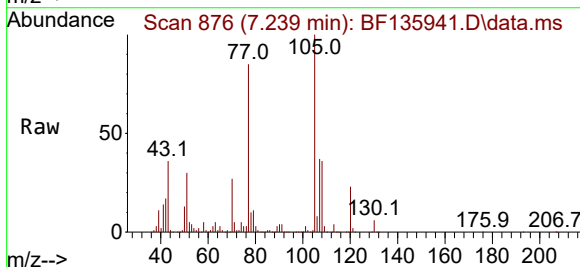


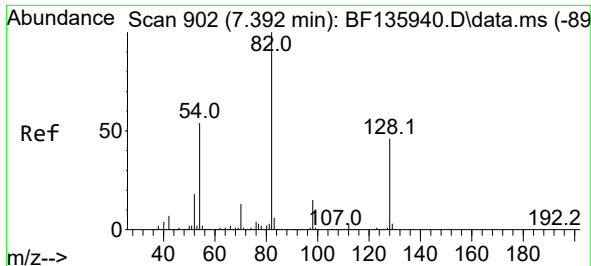
Tgt Ion:136 Resp: 723223
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.2 7.1 10.7
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 46.255 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:105 Resp: 755556
Ion Ratio Lower Upper
105 100
71 4.6 3.4 5.2
51 30.2 28.4 42.6
120 23.0 17.8 26.6





#23

Nitrobenzene-d5

Concen: 95.641 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

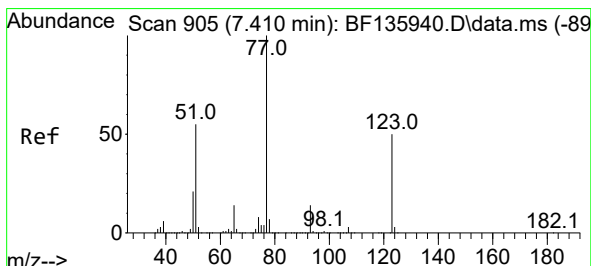
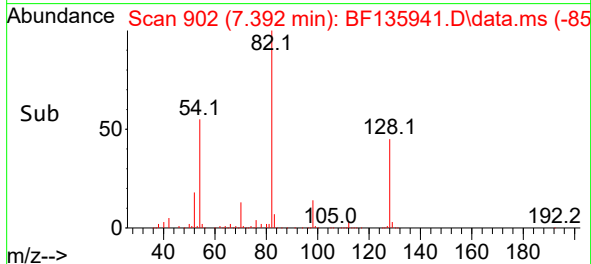
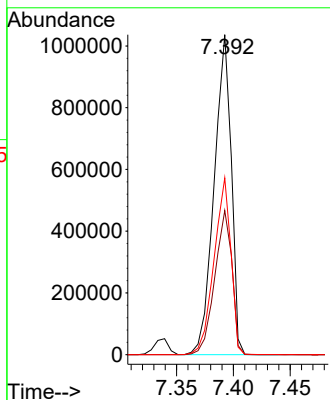
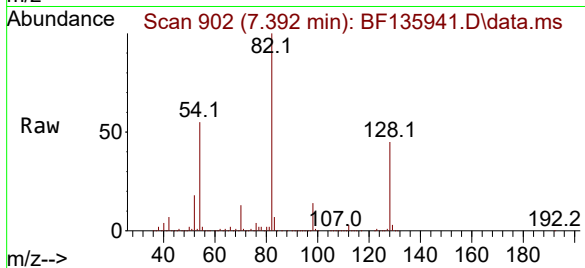
Tgt Ion: 82 Resp: 1086637

Ion Ratio Lower Upper

82 100

128 45.1 36.8 55.2

54 55.3 43.4 65.0



#24

Nitrobenzene

Concen: 47.316 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

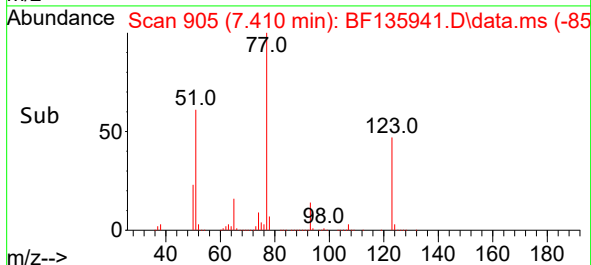
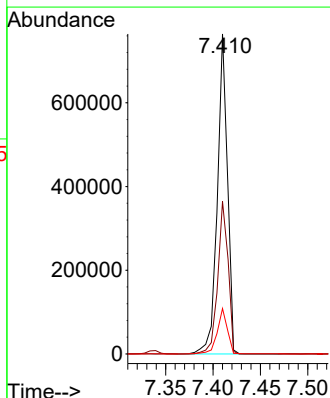
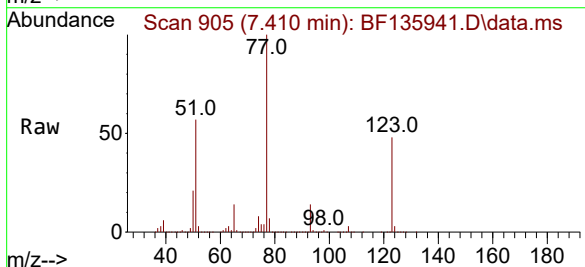
Tgt Ion: 77 Resp: 566240

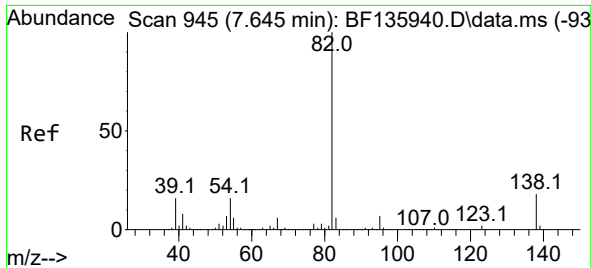
Ion Ratio Lower Upper

77 100

123 47.6 40.2 60.2

65 14.2 11.0 16.4

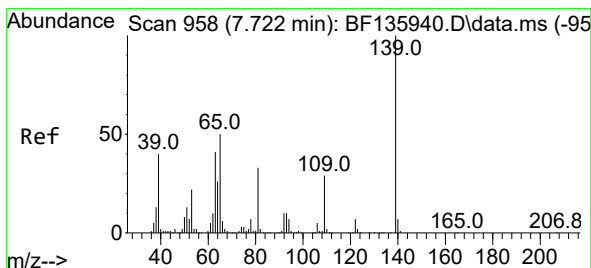
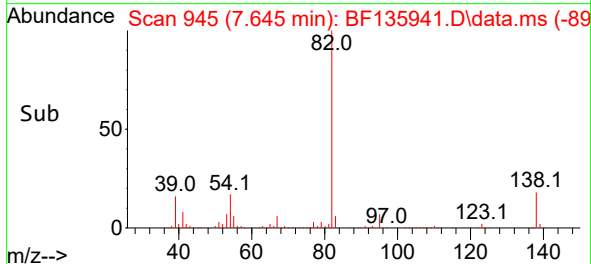
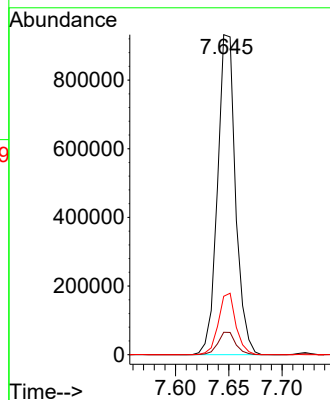
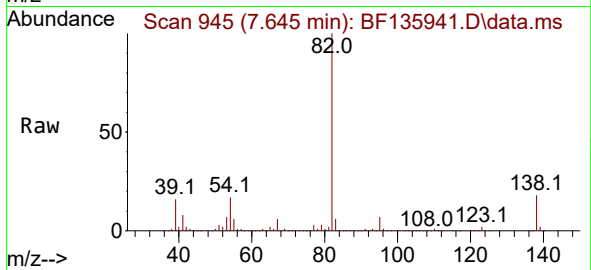




#25
Isophorone
Concen: 47.862 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

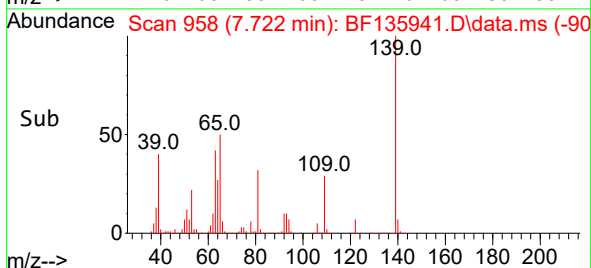
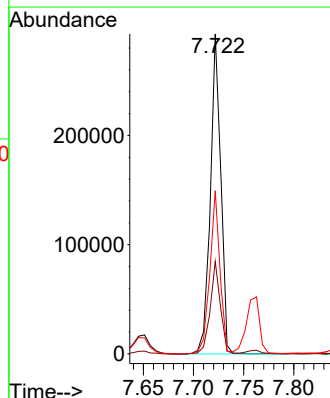
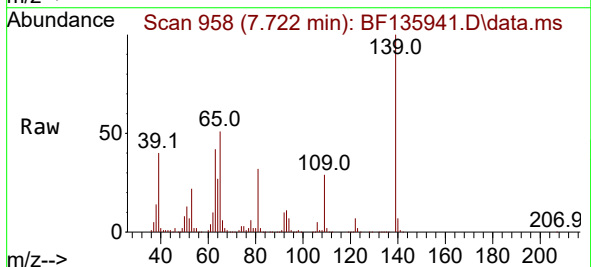
Instrument :
BNA_F
ClientSampleId :

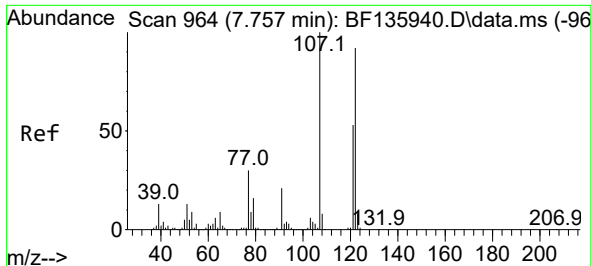
Tgt Ion: 82 Resp: 1094138
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.2 14.8 22.2



#26
2-Nitrophenol
Concen: 49.963 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:139 Resp: 212212
Ion Ratio Lower Upper
139 100
109 28.9 23.1 34.7
65 51.0 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 48.163 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

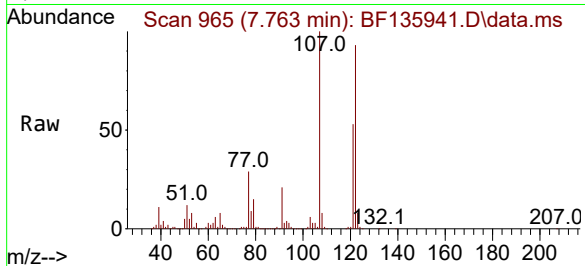
Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :



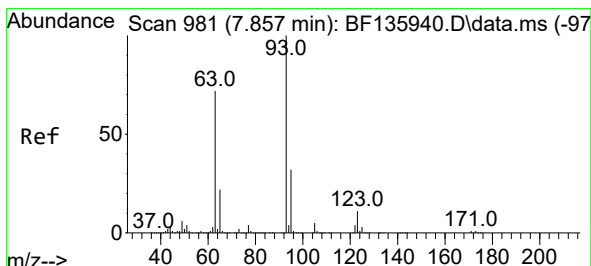
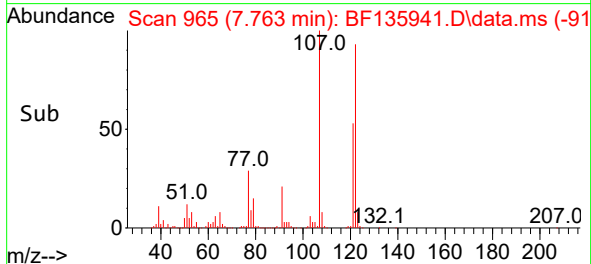
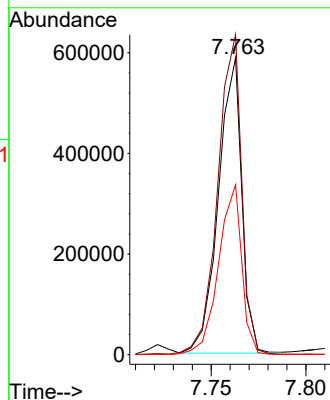
Tgt Ion:122 Resp: 501808

Ion Ratio Lower Upper

122 100

107 107.8 87.1 130.7

121 57.3 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.093 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

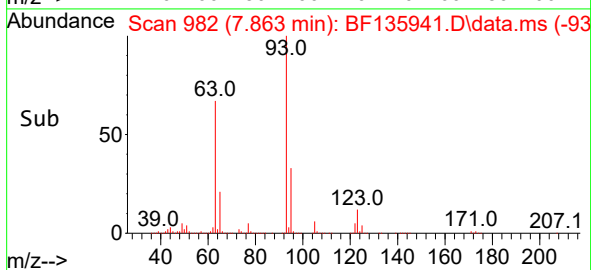
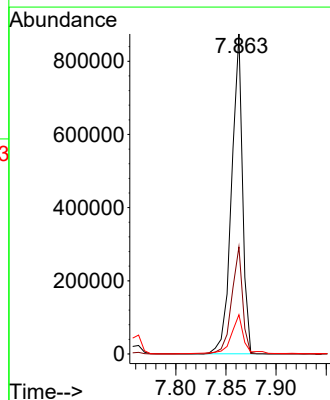
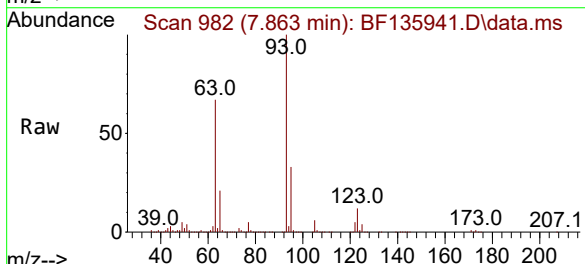
Tgt Ion: 93 Resp: 661095

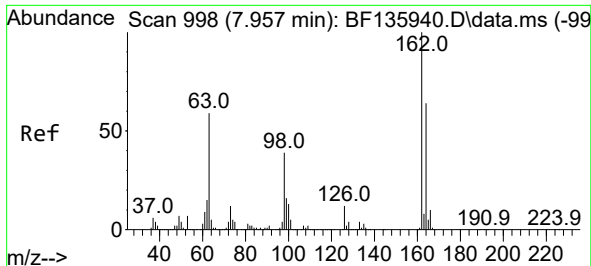
Ion Ratio Lower Upper

93 100

95 33.5 25.9 38.9

123 12.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 50.079 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.006 min

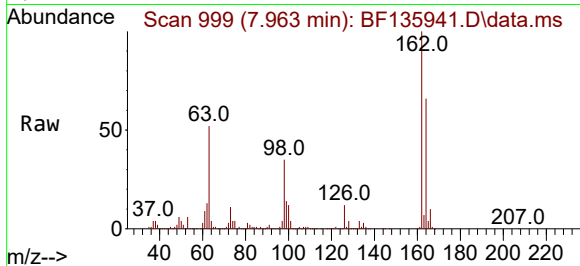
Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :



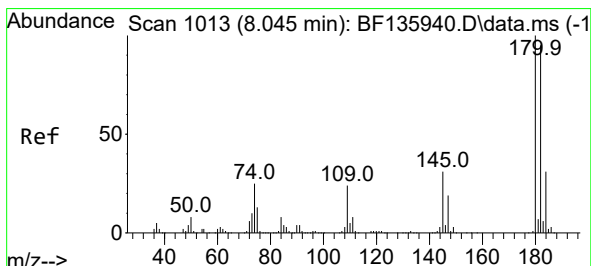
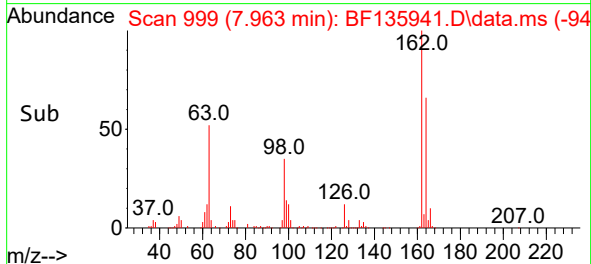
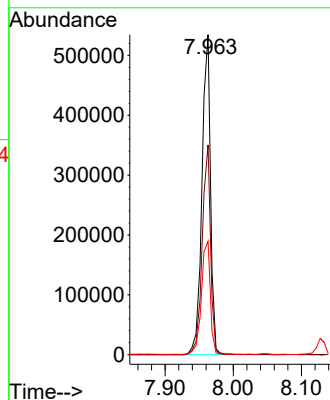
Tgt Ion:162 Resp: 467235

Ion Ratio Lower Upper

162 100

164 65.5 43.7 83.7

98 35.5 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 47.363 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

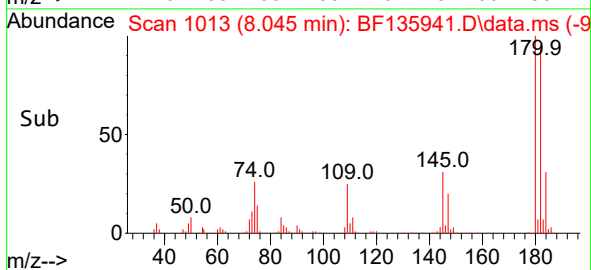
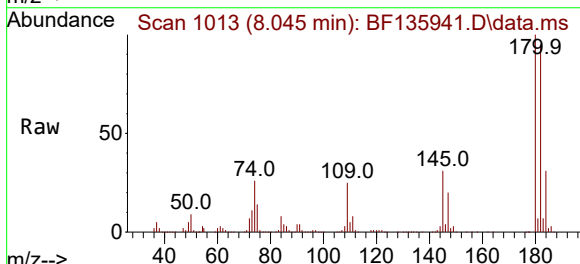
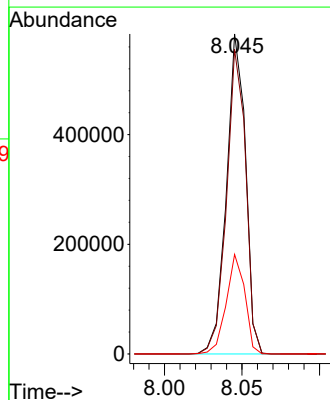
Tgt Ion:180 Resp: 500325

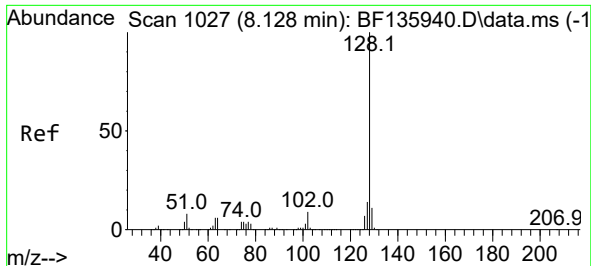
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

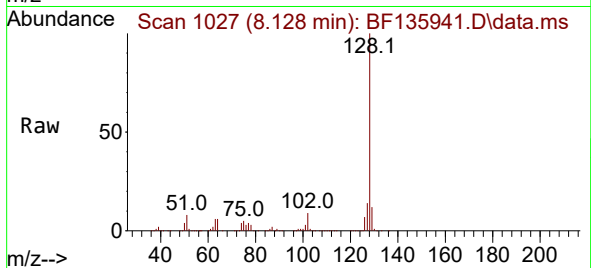
145 31.1 24.6 36.8



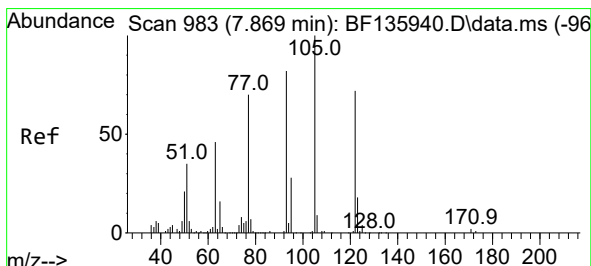
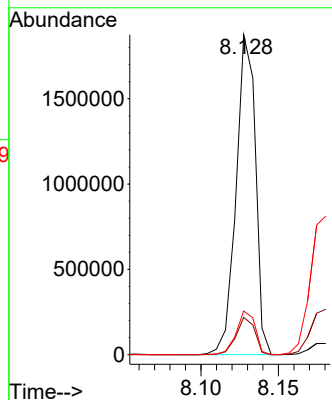
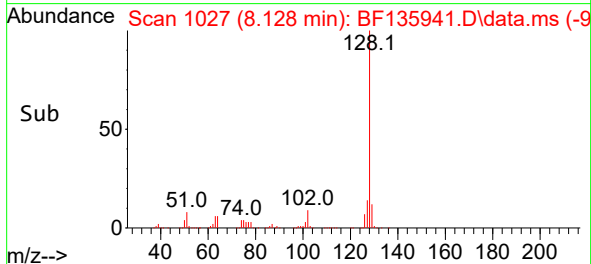


#31
Naphthalene
Concen: 46.634 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :

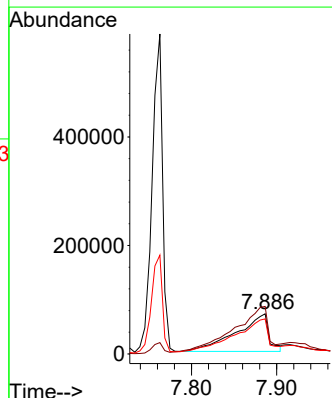
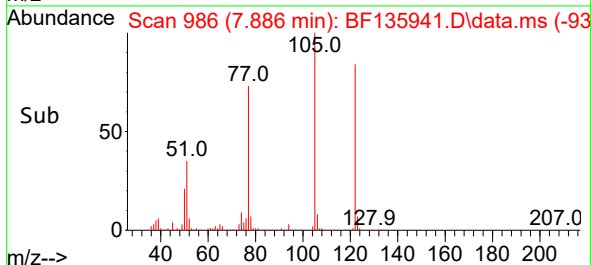
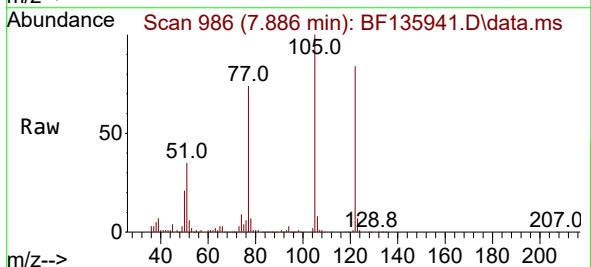


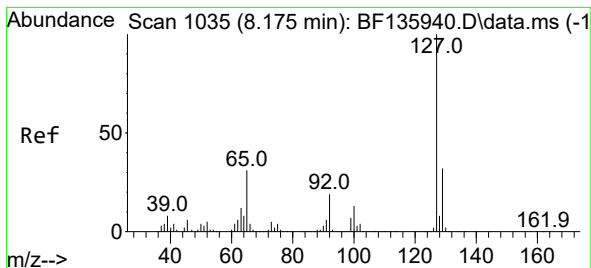
Tgt Ion:128 Resp: 1630592
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 39.504 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:122 Resp: 182935
Ion Ratio Lower Upper
122 100
105 118.3 113.1 153.1
77 87.3 75.2 115.2

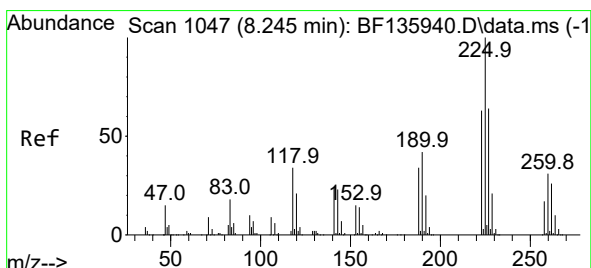
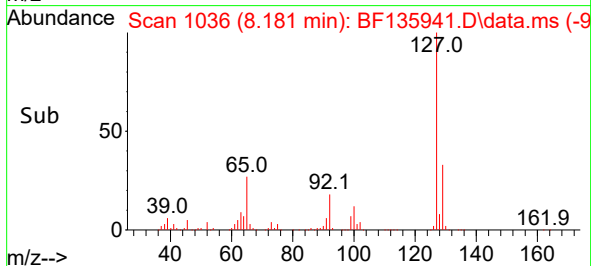
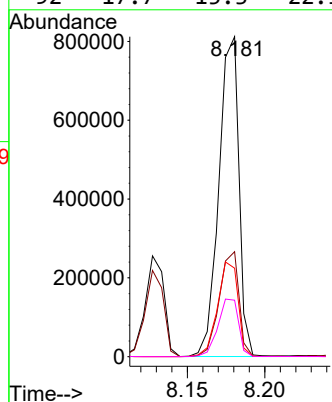
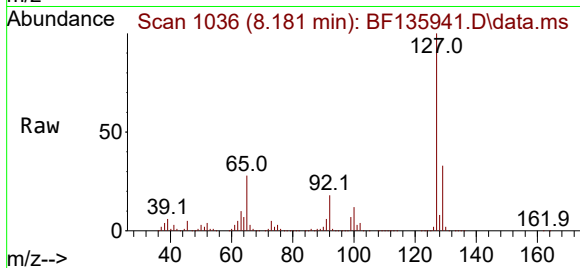




#33
4-Chloroaniline
Concen: 47.459 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.005 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

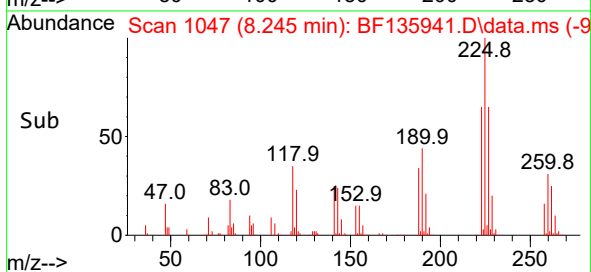
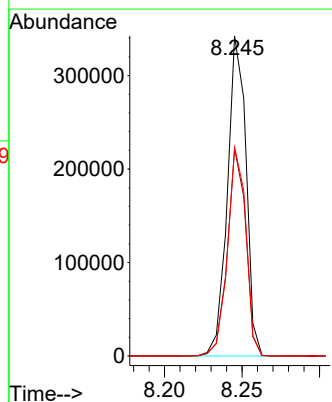
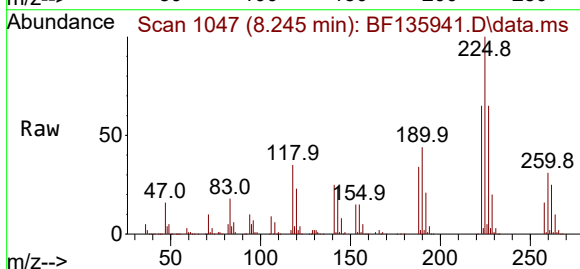
Instrument :
BNA_F
ClientSampleId :

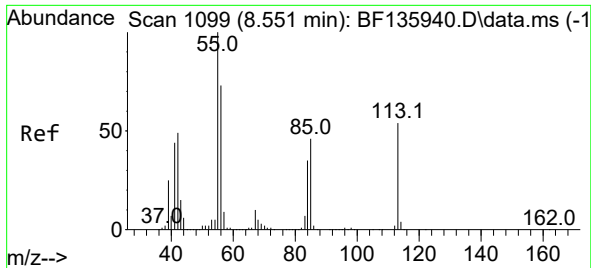
Tgt Ion:	127	Resp:	733450
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	27.6	24.8	37.2
92	17.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 47.995 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:	225	Resp:	285767
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	75.8
227	65.2	50.9	76.3

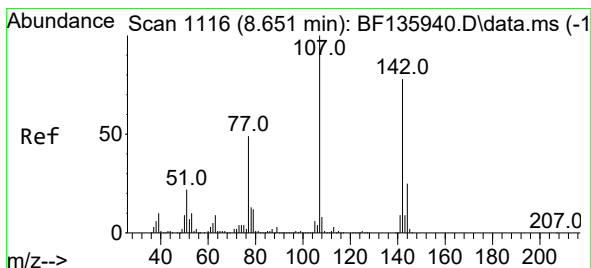
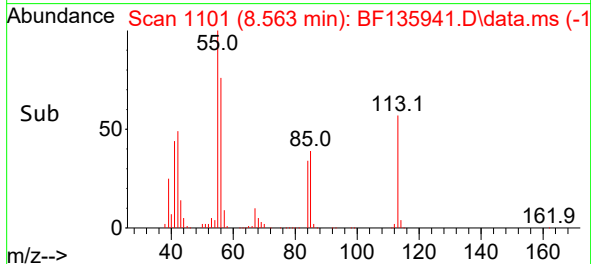
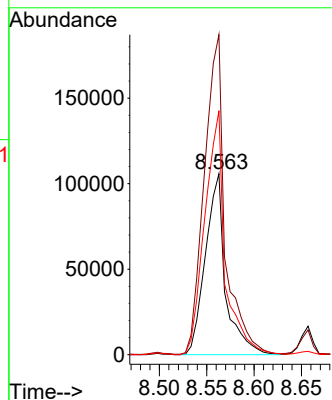
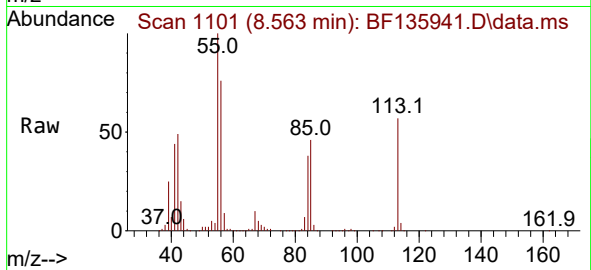




#35
Caprolactam
Concen: 50.474 ng
RT: 8.563 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

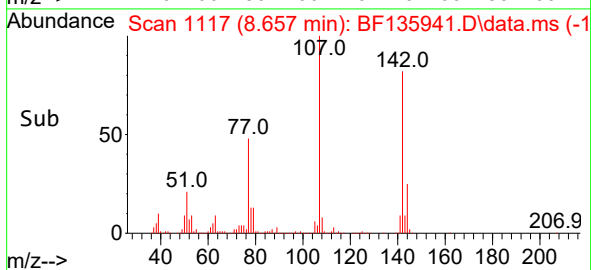
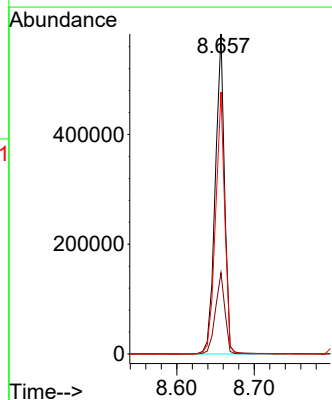
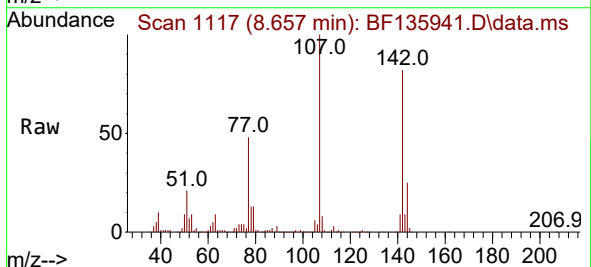
Instrument :
BNA_F
ClientSampleId :

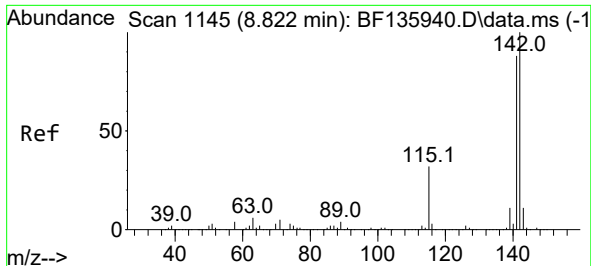
Tgt Ion:113 Resp: 156712
Ion Ratio Lower Upper
113 100
55 176.8 165.4 205.4
56 134.8 115.2 155.2



#36
4-Chloro-3-methylphenol
Concen: 49.129 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:107 Resp: 487105
Ion Ratio Lower Upper
107 100
144 25.4 19.9 29.9
142 81.9 62.8 94.2

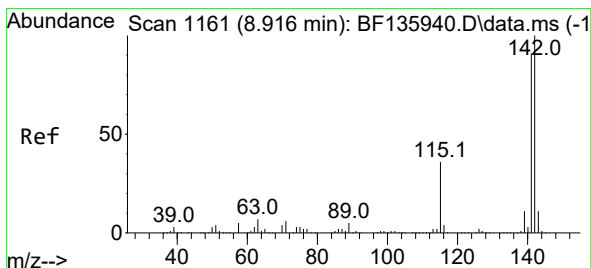
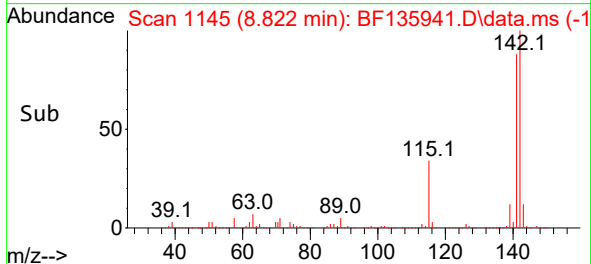
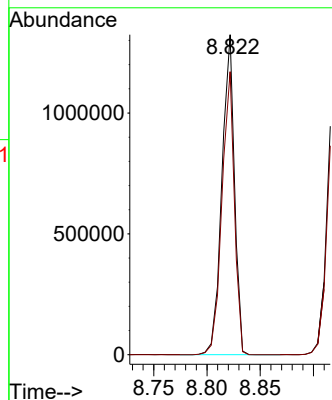
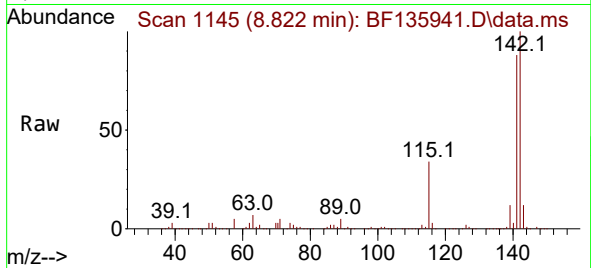




#37
2-Methylnaphthalene
Concen: 46.602 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

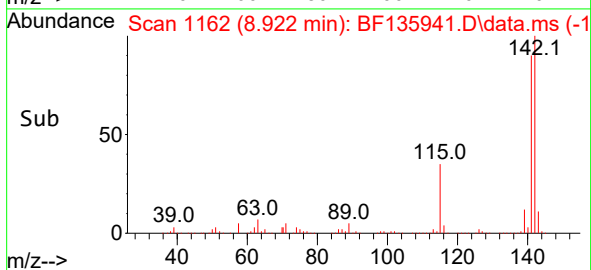
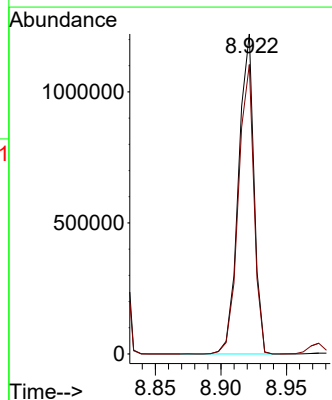
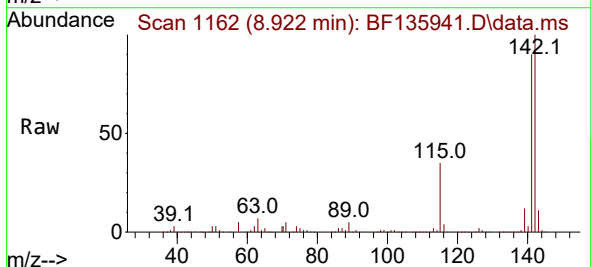
Instrument :
BNA_F
ClientSampleId :

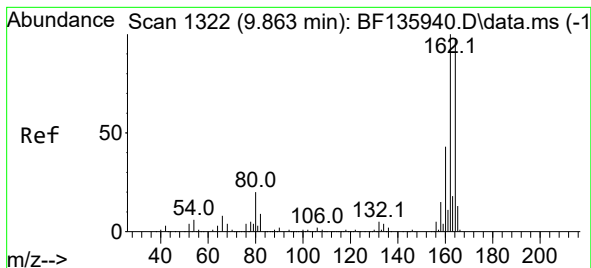
Tgt Ion:142 Resp: 1078138
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6



#38
1-Methylnaphthalene
Concen: 46.489 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:142 Resp: 1004965
Ion Ratio Lower Upper
142 100
141 90.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.000 min

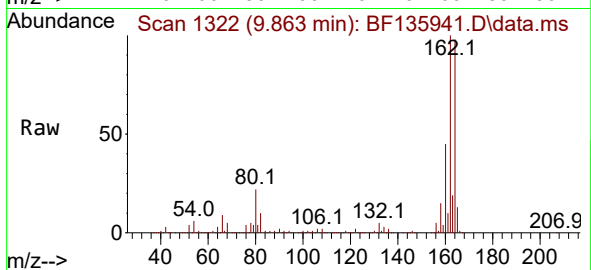
Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :



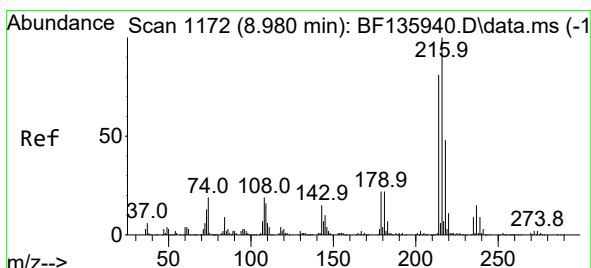
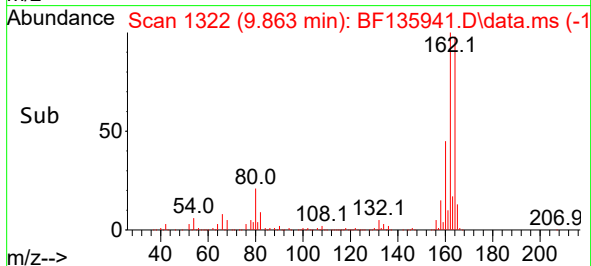
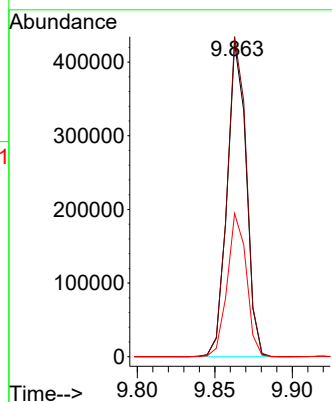
Tgt Ion:164 Resp: 366289

Ion Ratio Lower Upper

164 100

162 102.0 82.0 123.0

160 45.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.952 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Tgt Ion:216 Resp: 485737

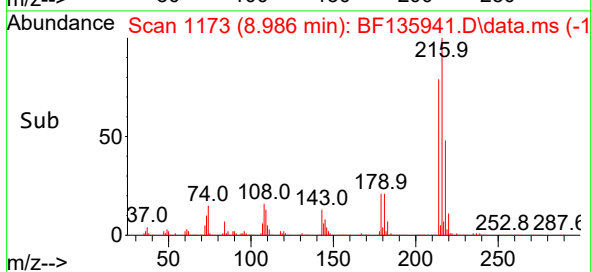
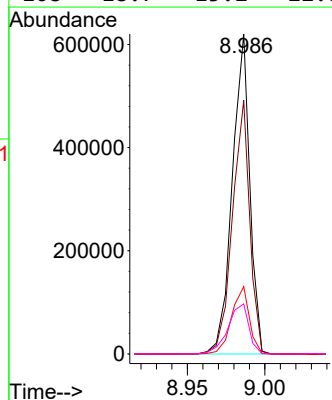
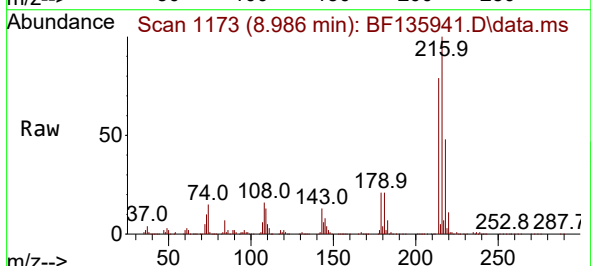
Ion Ratio Lower Upper

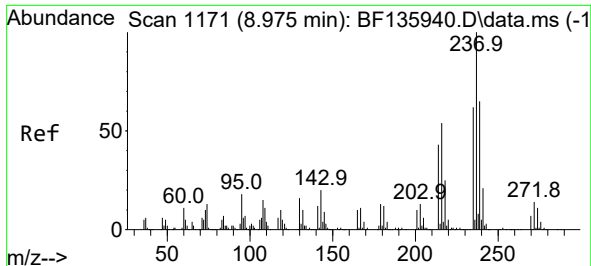
216 100

214 78.5 63.3 94.9

179 21.3 17.3 25.9

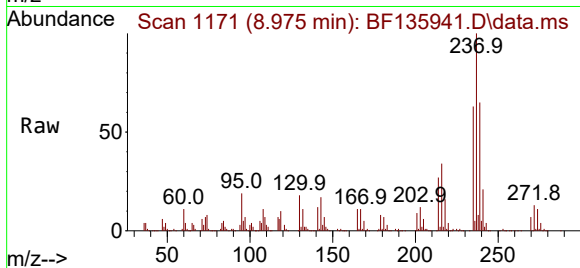
108 18.7 15.2 22.8



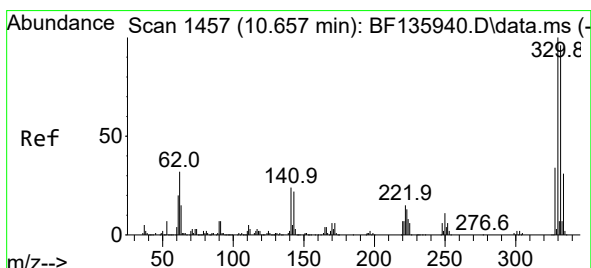
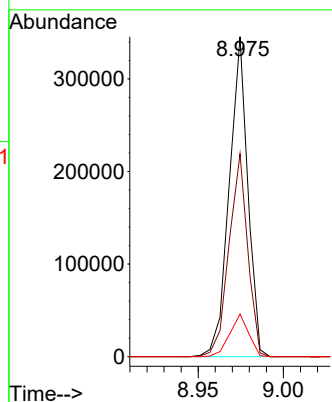
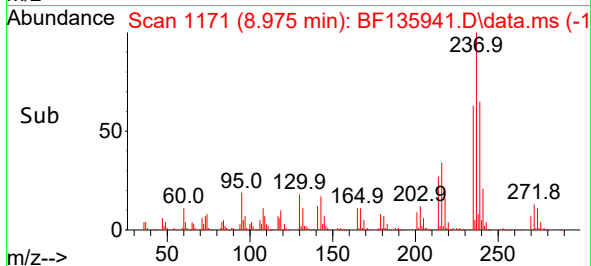


#41
Hexachlorocyclopentadiene
Concen: 51.431 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

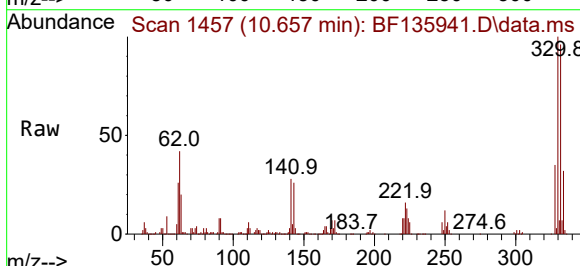
Instrument :
BNA_F
ClientSampleId :



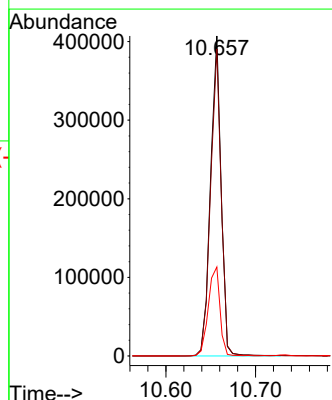
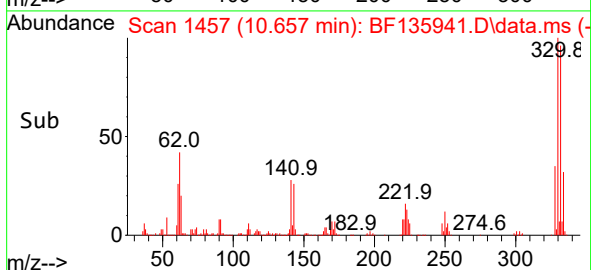
Tgt Ion:237 Resp: 262360
Ion Ratio Lower Upper
237 100
235 63.4 41.7 81.7
272 13.3 0.0 33.6

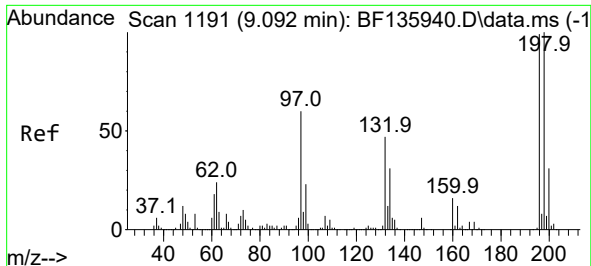


#42
2,4,6-Tribromophenol
Concen: 103.964 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07



Tgt Ion:330 Resp: 333320
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 30.8 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 51.000 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

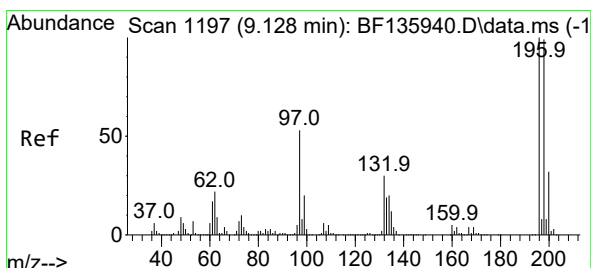
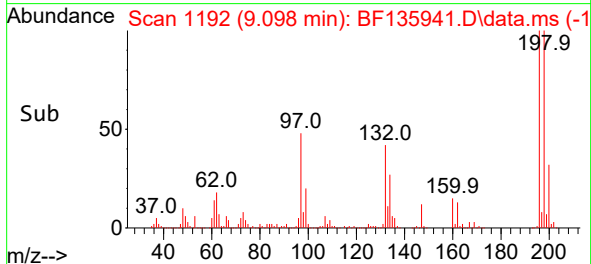
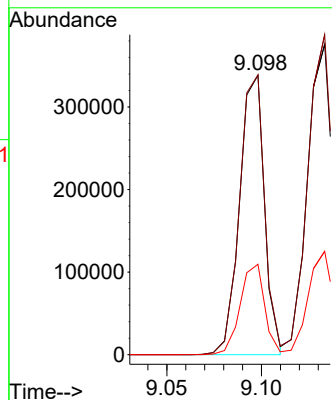
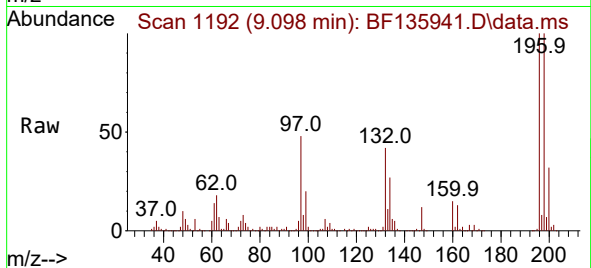
Tgt Ion:196 Resp: 308811

Ion Ratio Lower Upper

196 100

198 100.2 81.0 121.4

200 32.4 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 50.585 ng

RT: 9.133 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Tgt Ion:196 Resp: 363667

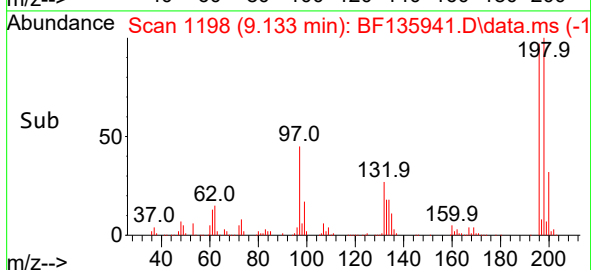
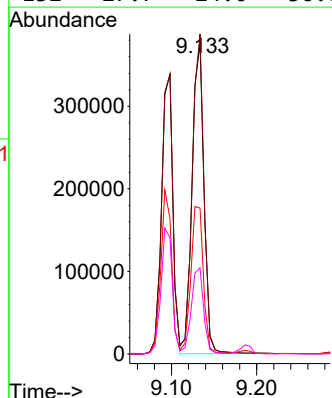
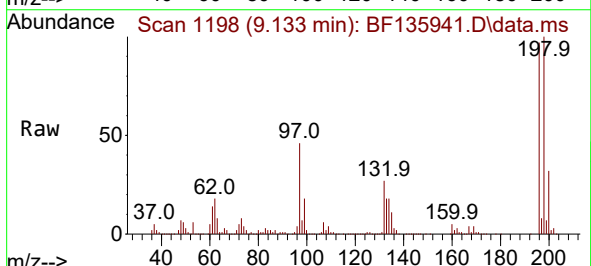
Ion Ratio Lower Upper

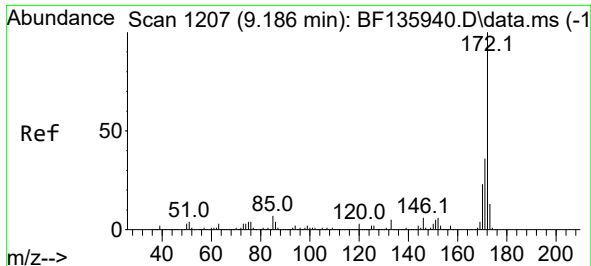
196 100

198 103.1 79.1 118.7

97 47.0 42.3 63.5

132 27.7 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 89.460 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

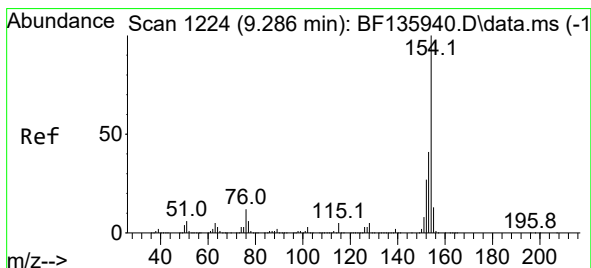
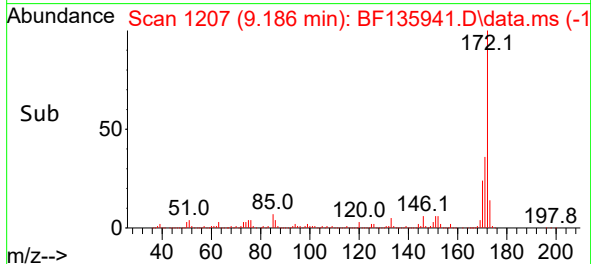
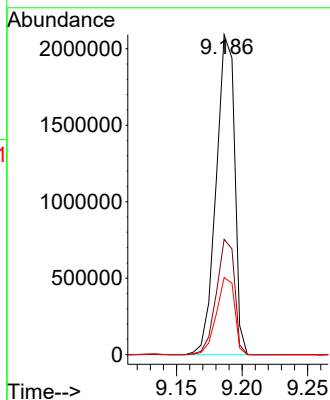
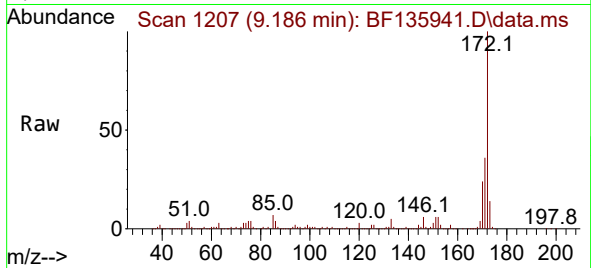
Tgt Ion:172 Resp: 2046422

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 46.469 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

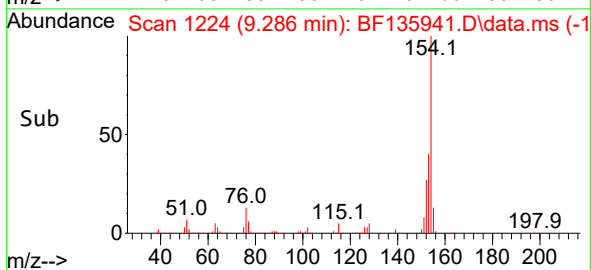
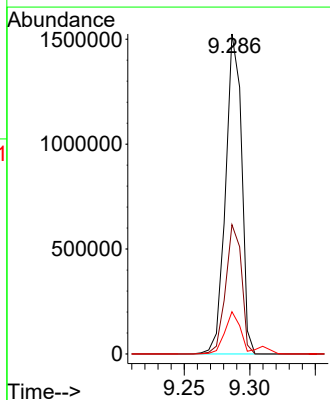
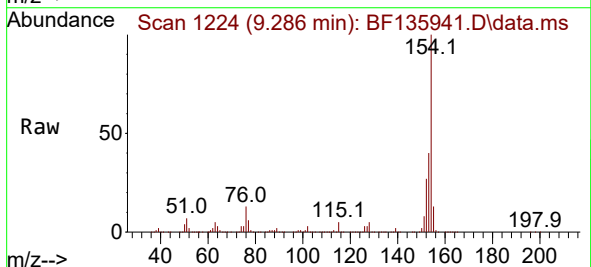
Tgt Ion:154 Resp: 1289730

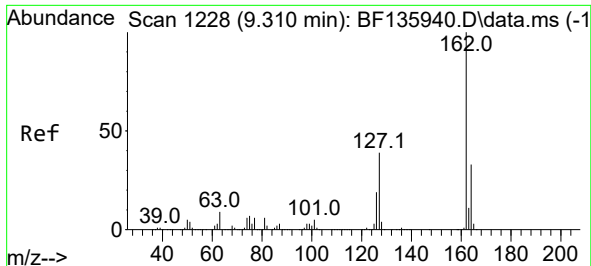
Ion Ratio Lower Upper

154 100

153 40.4 20.7 60.7

76 13.2 0.0 32.4

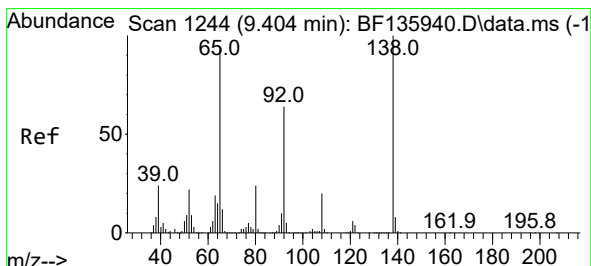
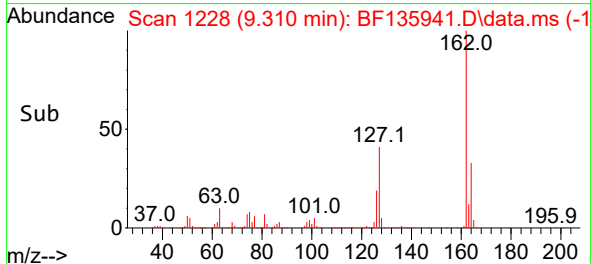
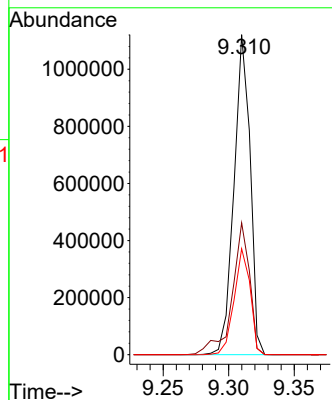
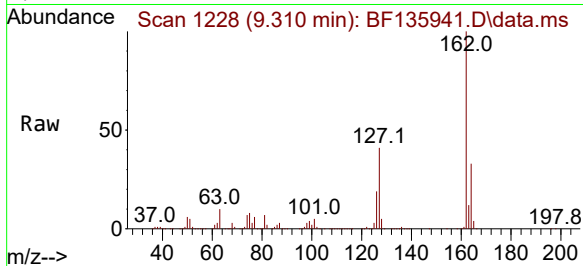




#47
2-Chloronaphthalene
Concen: 46.846 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

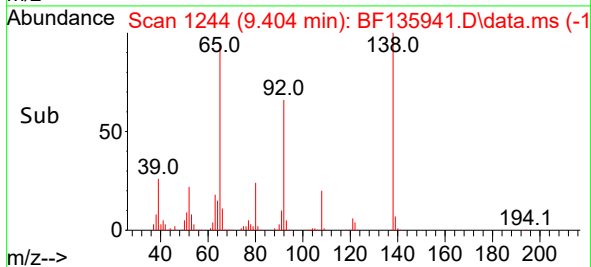
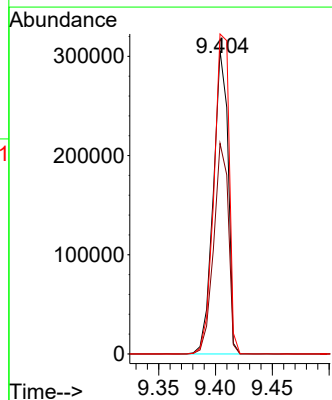
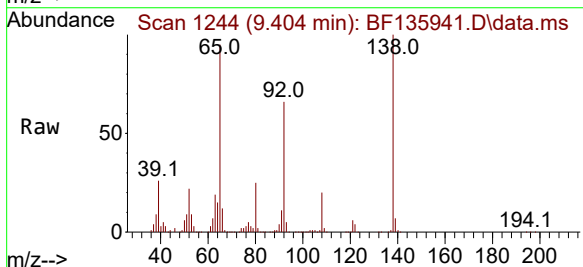
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 961715
Ion Ratio Lower Upper
162 100
127 41.2 31.0 46.4
164 33.1 26.6 39.8



#48
2-Nitroaniline
Concen: 49.000 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion: 65 Resp: 275902
Ion Ratio Lower Upper
65 100
92 69.4 54.9 82.3
138 105.5 85.2 127.8

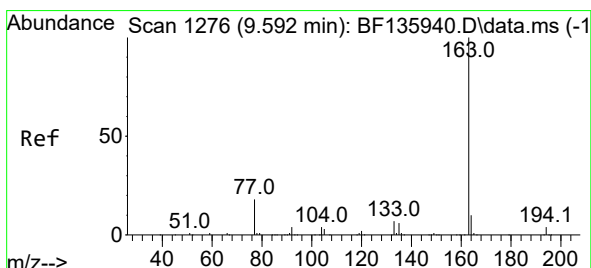
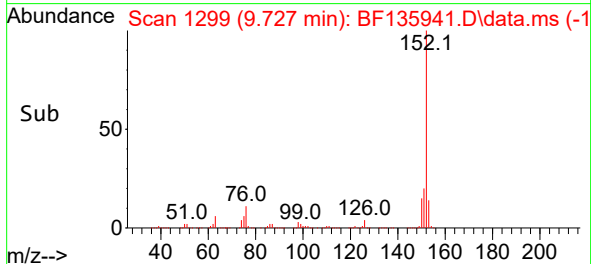
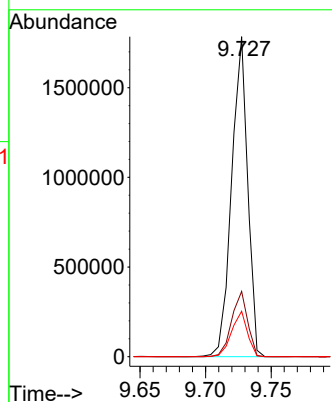
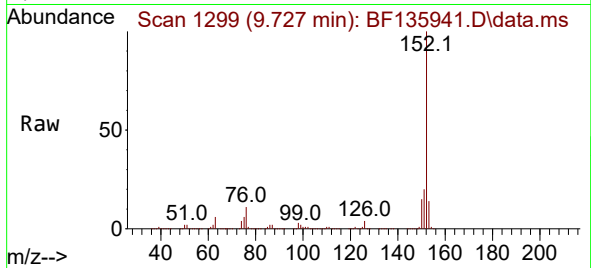




#49
Acenaphthylene
Concen: 46.787 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

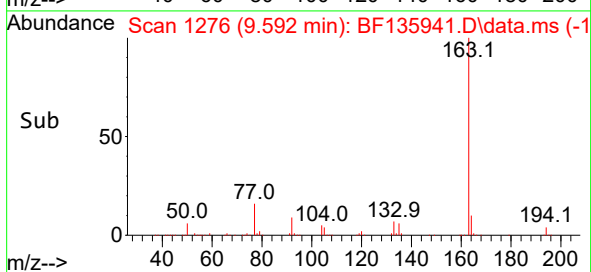
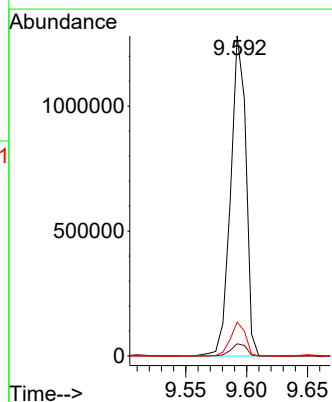
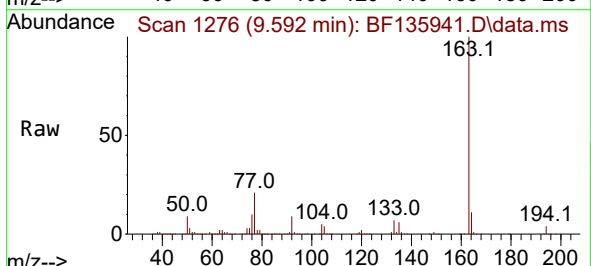
Instrument :
BNA_F
ClientSampleId :

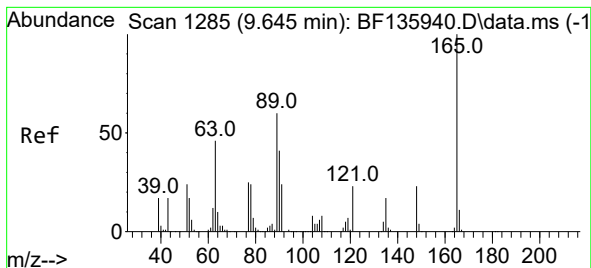
Tgt Ion:152 Resp: 1515294
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.2 11.0 16.6



#50
Dimethylphthalate
Concen: 47.212 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

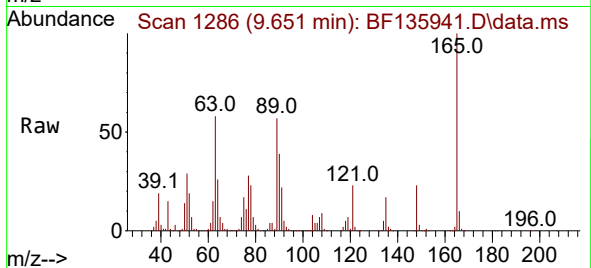
Tgt Ion:163 Resp: 1121471
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.6 8.3 12.5



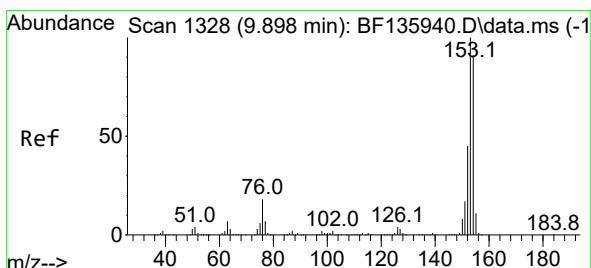
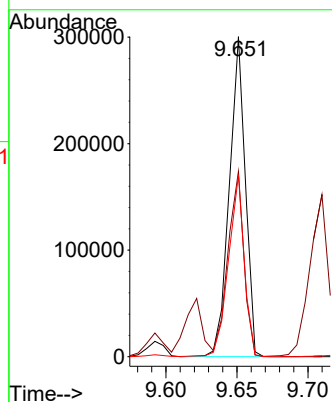
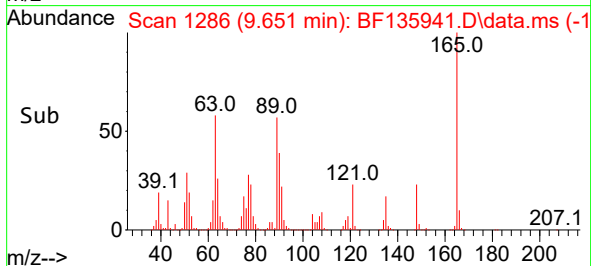


#51
2,6-Dinitrotoluene
Concen: 47.775 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :

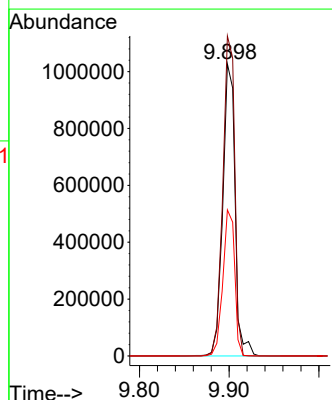
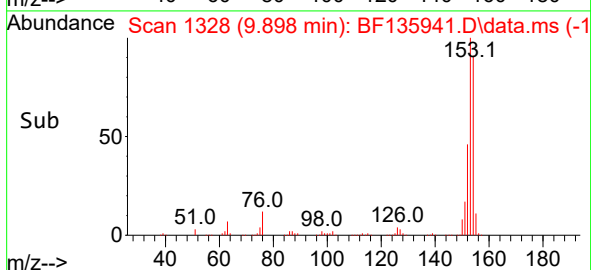
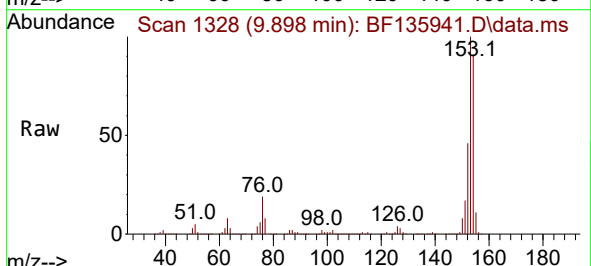


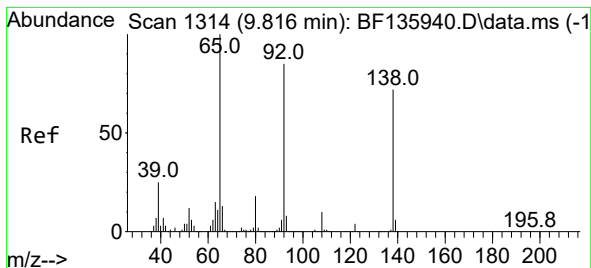
Tgt Ion:165 Resp: 235145
Ion Ratio Lower Upper
165 100
63 57.9 51.7 77.5
89 56.8 48.3 72.5



#52
Acenaphthene
Concen: 47.090 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:154 Resp: 977386
Ion Ratio Lower Upper
154 100
153 109.6 88.0 132.0
152 50.0 39.4 59.2





#53

3-Nitroaniline

Concen: 47.207 ng

RT: 9.822 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

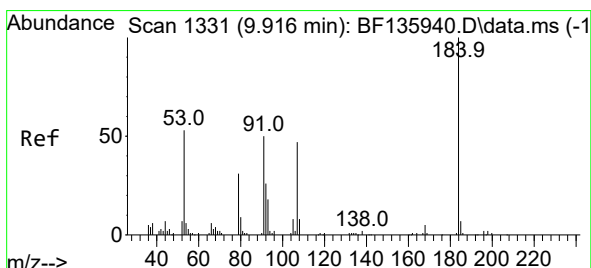
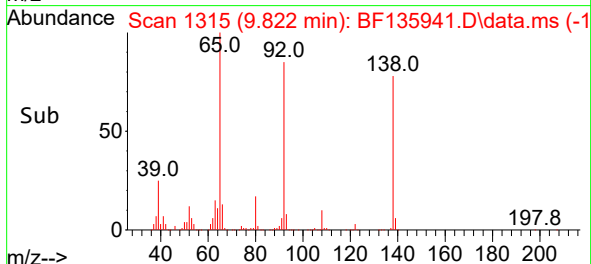
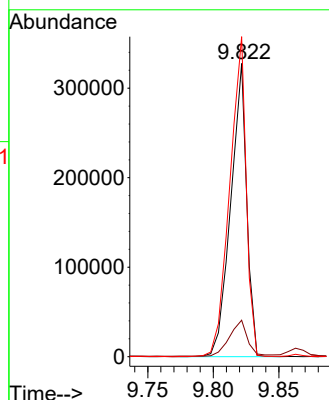
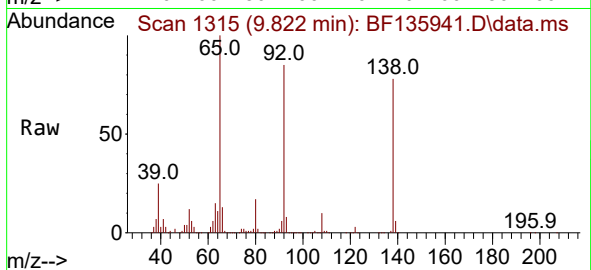
Tgt Ion:138 Resp: 277683

Ion Ratio Lower Upper

138 100

108 12.5 11.3 16.9

92 109.2 95.0 142.6



#54

2,4-Dinitrophenol

Concen: 49.705 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

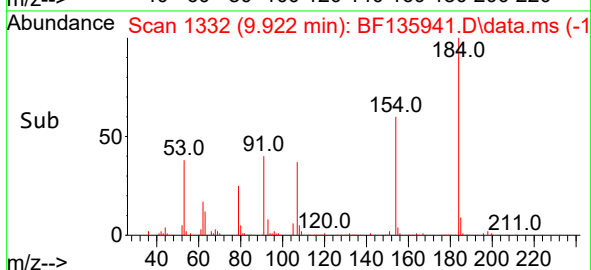
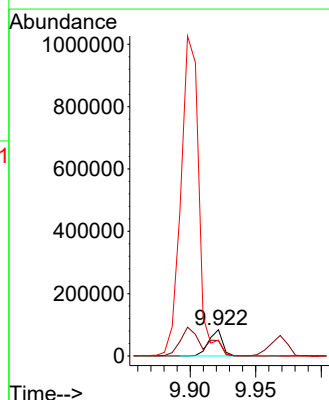
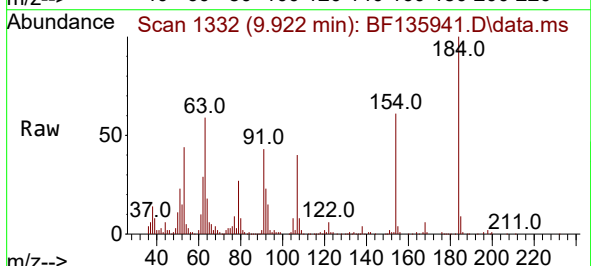
Tgt Ion:184 Resp: 61585

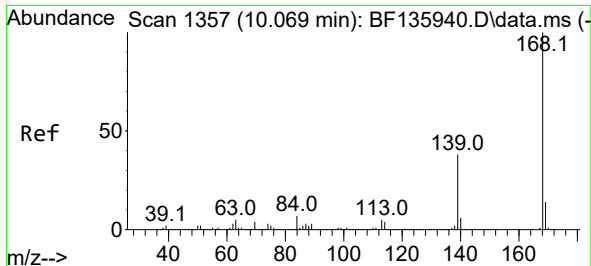
Ion Ratio Lower Upper

184 100

63 58.6 56.3 84.5

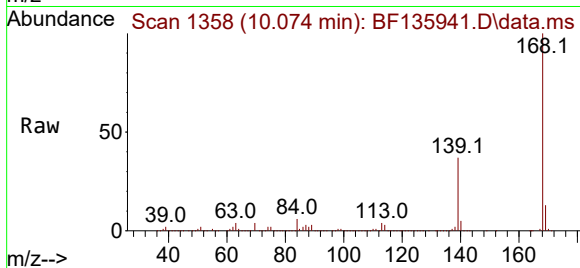
154 60.5 48.1 72.1



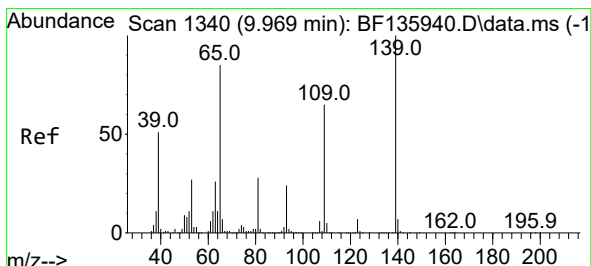
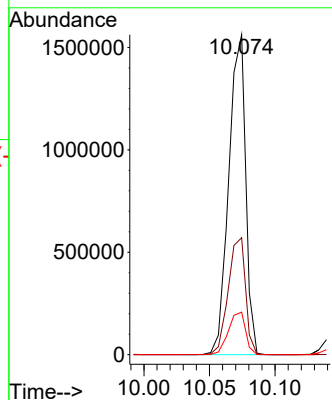
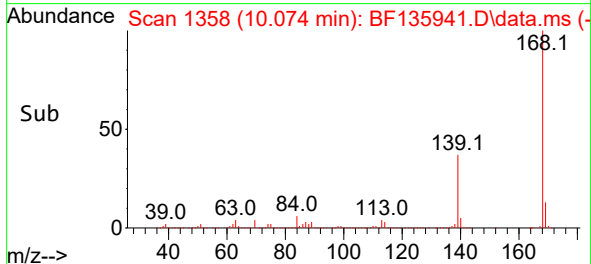


#55
Dibenzenofuran
Concen: 46.735 ng
RT: 10.074 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :

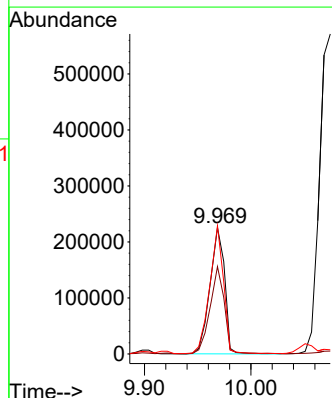
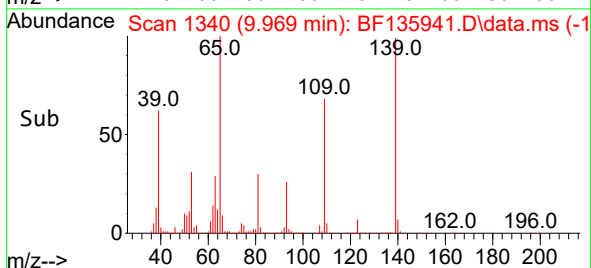
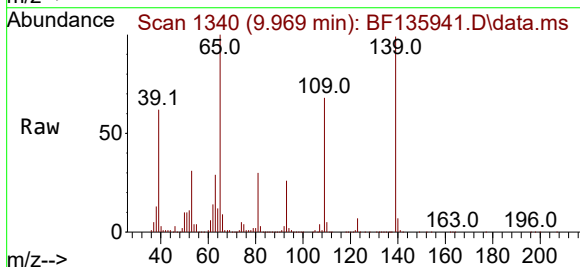


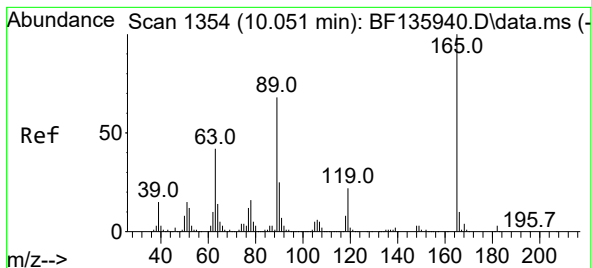
Tgt Ion:168 Resp: 1401356
Ion Ratio Lower Upper
168 100
139 36.6 30.7 46.1
169 13.3 11.1 16.7



#56
4-Nitrophenol
Concen: 47.911 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

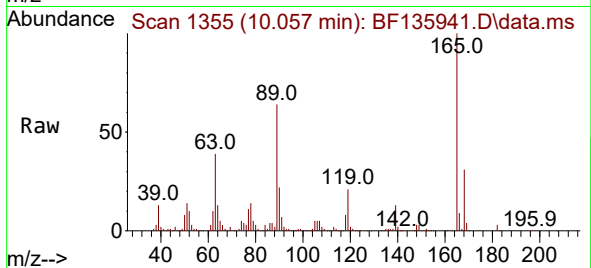
Tgt Ion:139 Resp: 216701
Ion Ratio Lower Upper
139 100
109 69.0 45.2 85.2
65 101.3 65.1 105.1



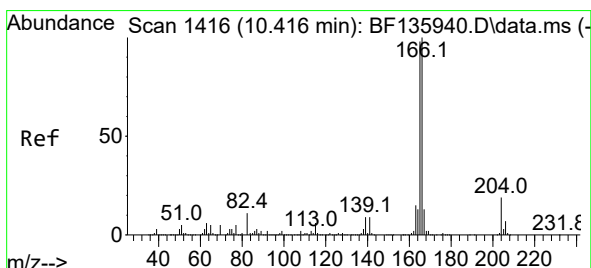
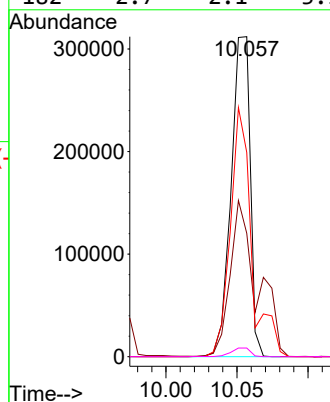
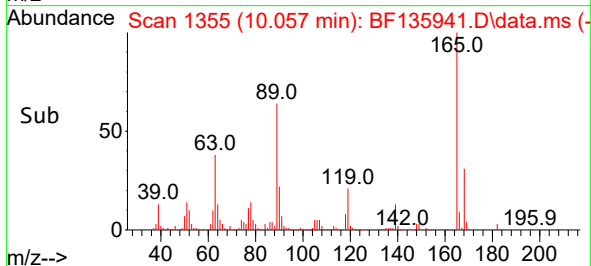


#57
2,4-Dinitrotoluene
Concen: 48.063 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

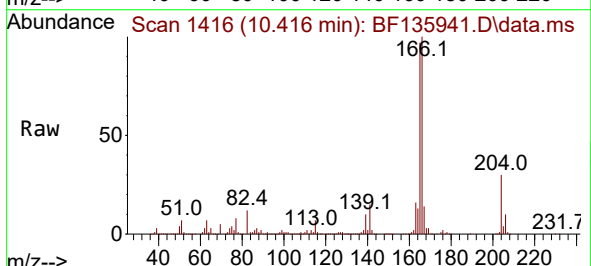
Instrument :
BNA_F
ClientSampleId :



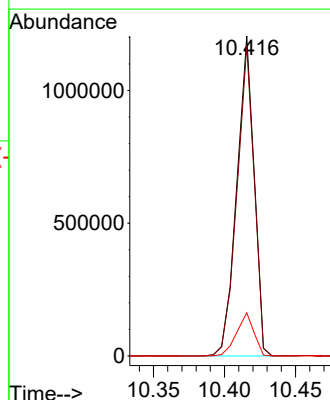
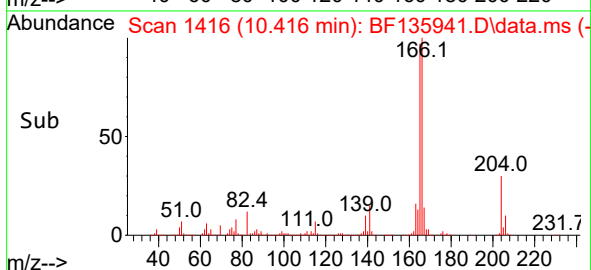
Tgt Ion:165 Resp: 293030
Ion Ratio Lower Upper
165 100
63 38.5 33.7 50.5
89 63.8 54.6 81.8
182 2.7 2.1 3.1

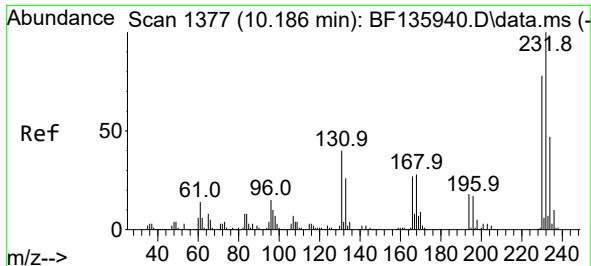


#58
Fluorene
Concen: 45.735 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07



Tgt Ion:166 Resp: 1025987
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.255 ng

RT: 10.186 min Scan# 1377

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 277282

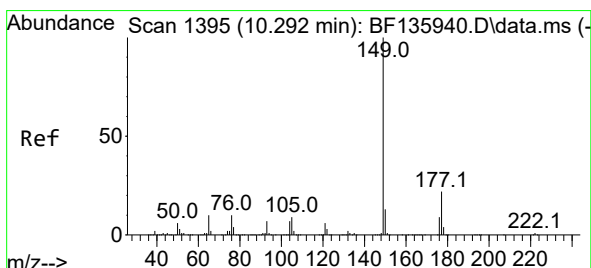
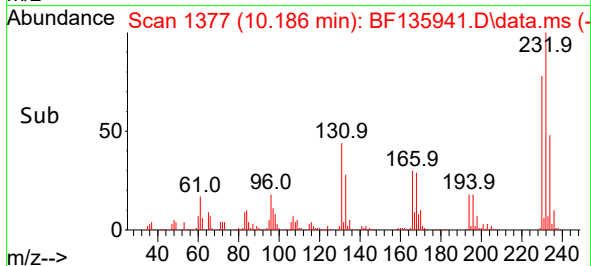
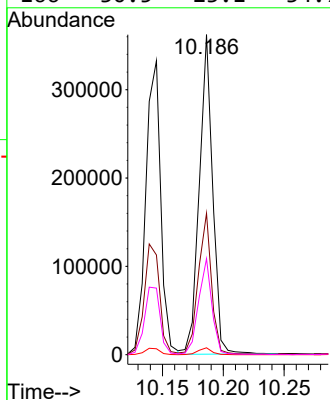
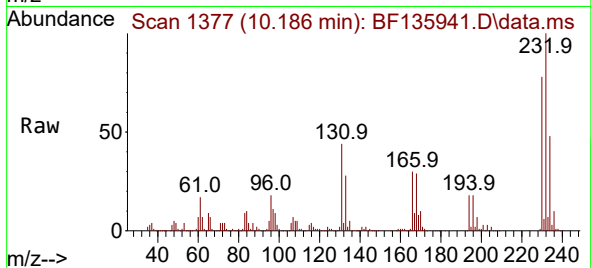
Ion Ratio Lower Upper

232 100

131 43.9 35.2 52.8

130 2.2 1.7 2.5

166 30.5 23.1 34.7



#60

Diethylphthalate

Concen: 47.791 ng

RT: 10.298 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

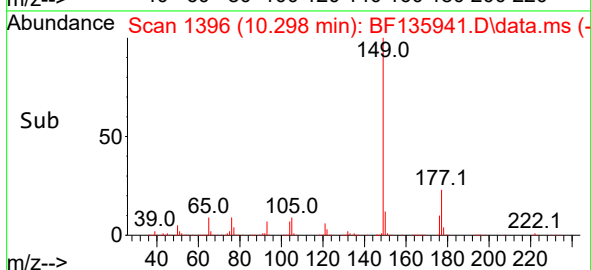
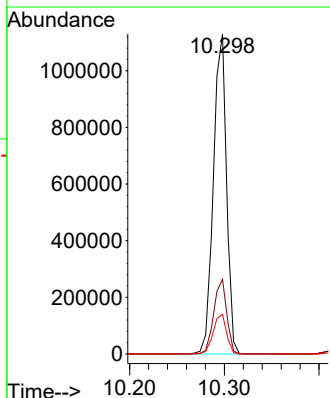
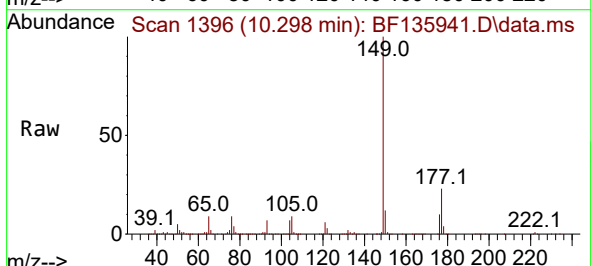
Tgt Ion:149 Resp: 1082523

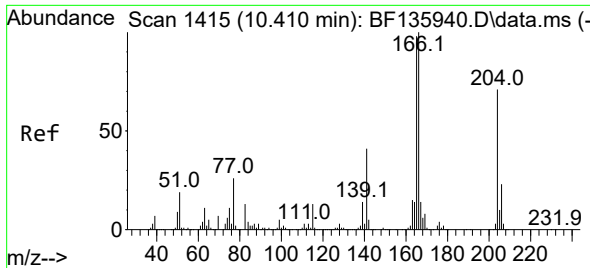
Ion Ratio Lower Upper

149 100

177 23.3 17.9 26.9

150 12.4 10.2 15.2

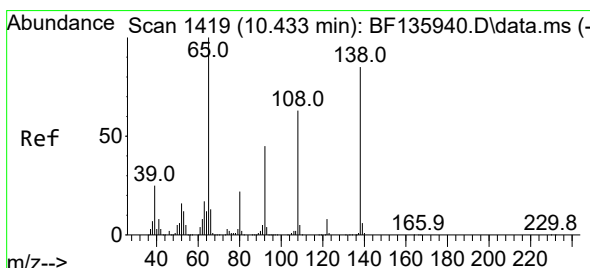
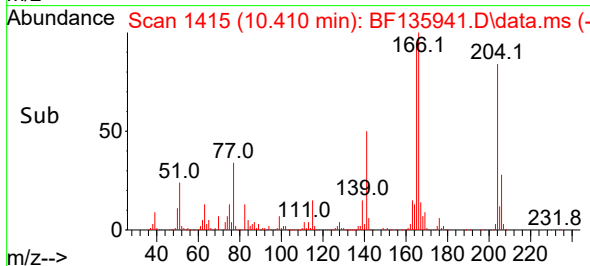
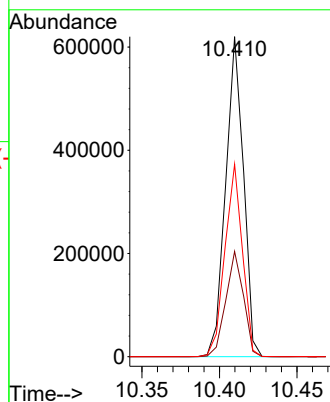
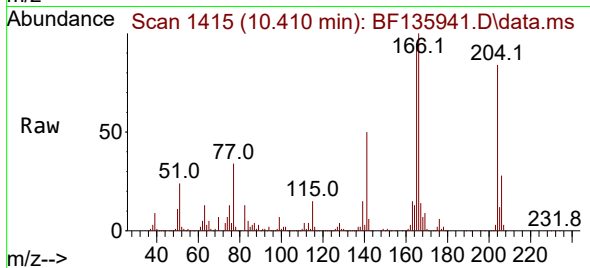




#61
4-Chlorophenyl-phenylether
Concen: 45.706 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

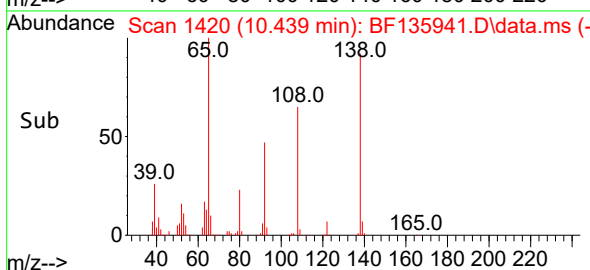
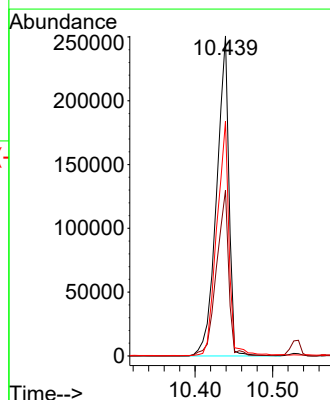
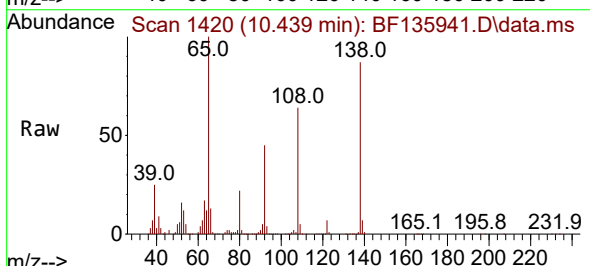
Instrument :
BNA_F
ClientSampleId :

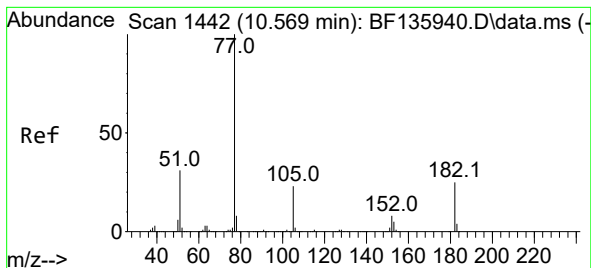
Tgt Ion:204 Resp: 494595
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 60.1 46.2 69.2



#62
4-Nitroaniline
Concen: 47.483 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:138 Resp: 276721
Ion Ratio Lower Upper
138 100
92 51.8 32.9 72.9
108 73.4 53.5 93.5





#63

Azobenzene

Concen: 47.120 ng

RT: 10.574 min Scan# 1443

Delta R.T. 0.006 min

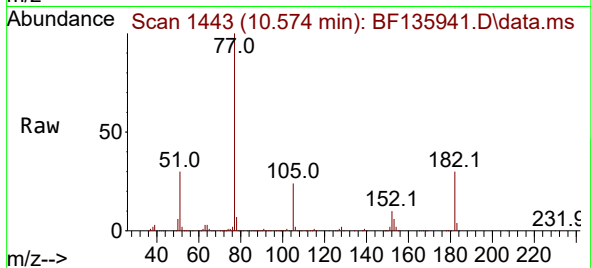
Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 1083158

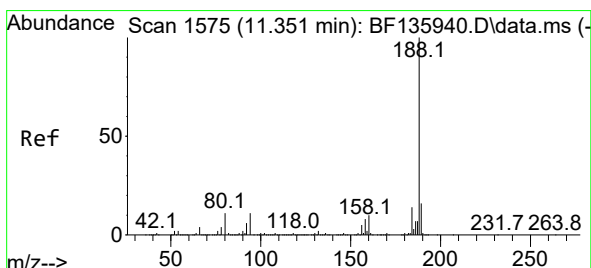
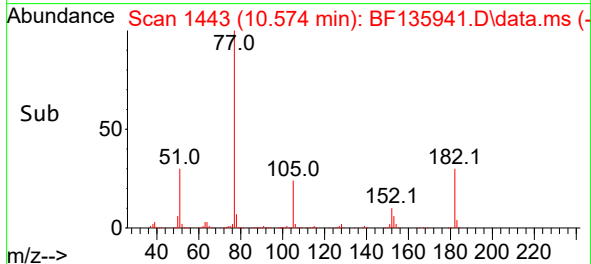
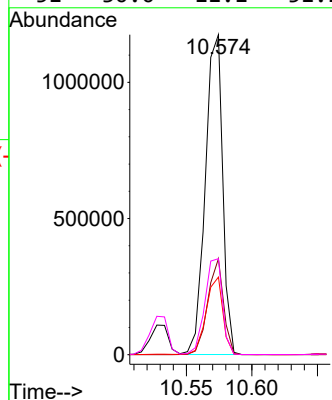
Ion Ratio Lower Upper

77 100

182 30.0 5.1 45.1

105 24.2 2.8 42.8

51 30.0 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: BF135941.D

Acq: 25 Oct 2023 14:07

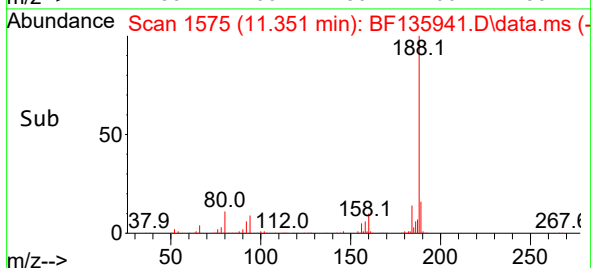
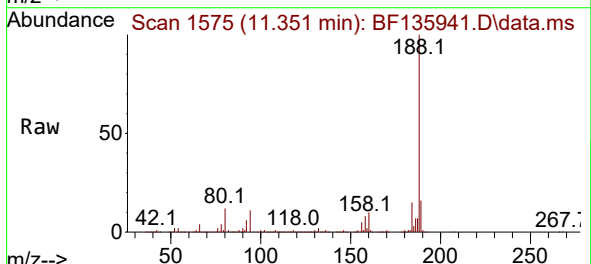
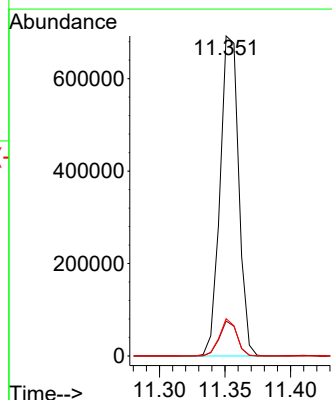
Tgt Ion:188 Resp: 684058

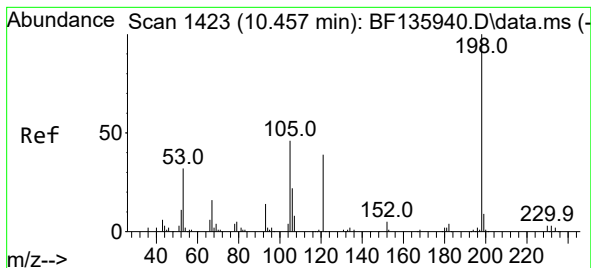
Ion Ratio Lower Upper

188 100

94 10.9 8.6 13.0

80 11.7 9.0 13.6

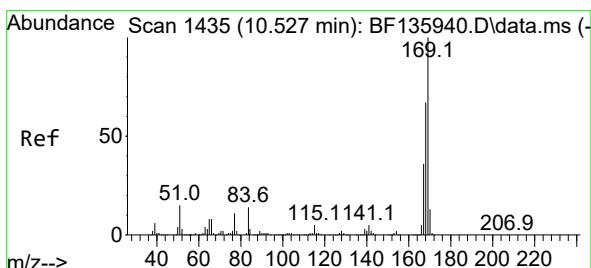
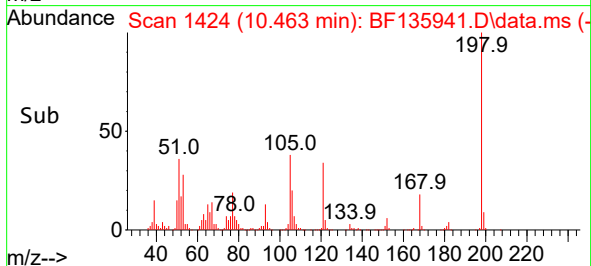
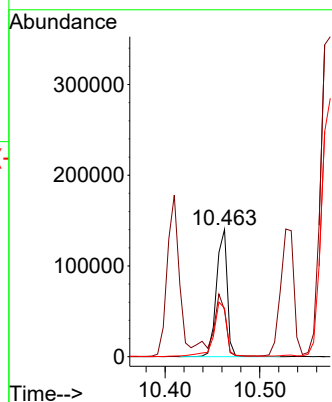
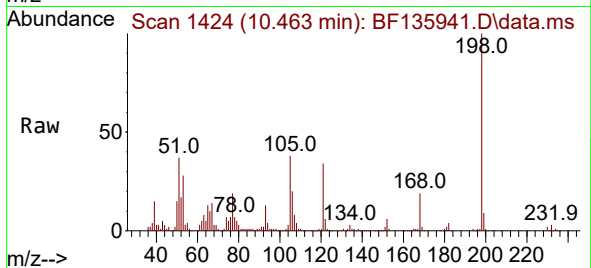




#65
4,6-Dinitro-2-methylphenol
Concen: 49.308 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

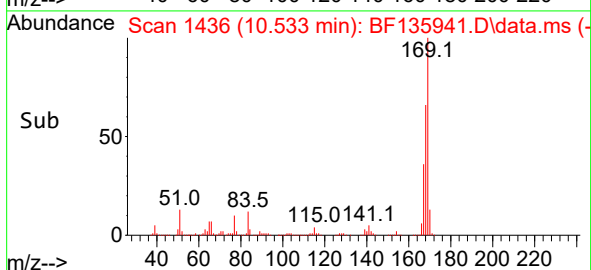
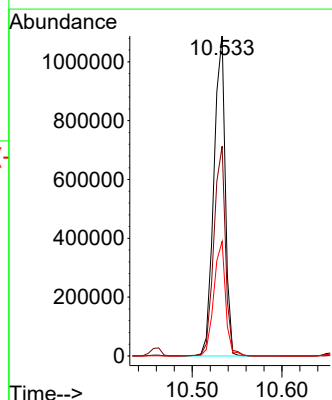
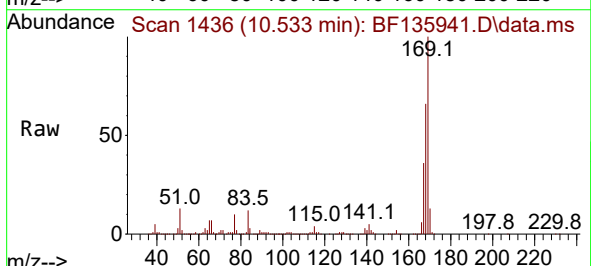
Instrument :
BNA_F
ClientSampleId :

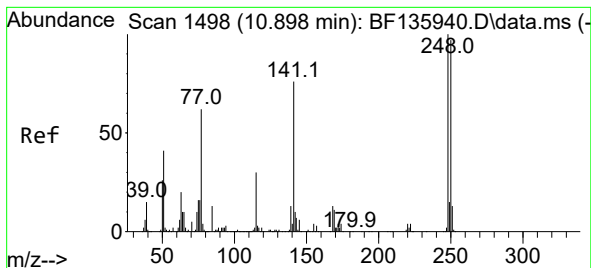
Tgt Ion:198 Resp: 110473
Ion Ratio Lower Upper
198 100
51 36.6 28.7 68.7
105 38.2 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 46.490 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:169 Resp: 960725
Ion Ratio Lower Upper
169 100
168 65.6 53.5 80.3
167 35.8 29.0 43.4

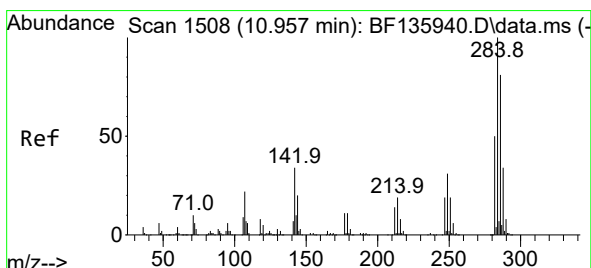
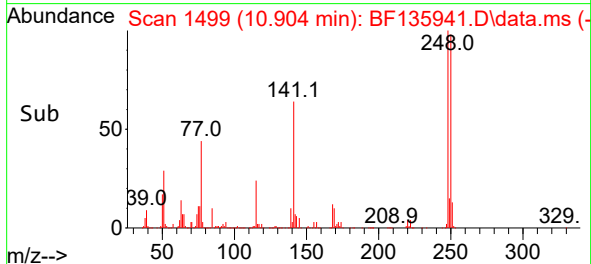
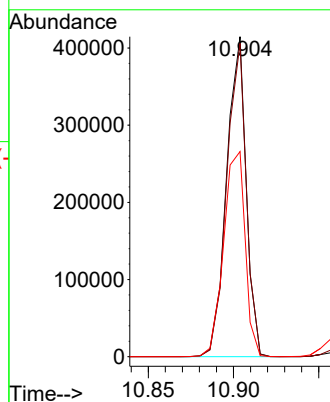
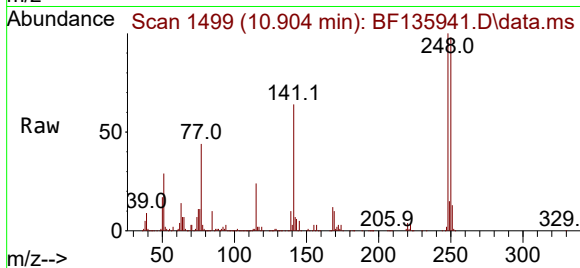




#67
4-Bromophenyl-phenylether
Concen: 47.362 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

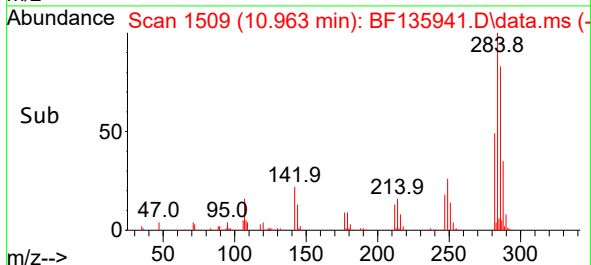
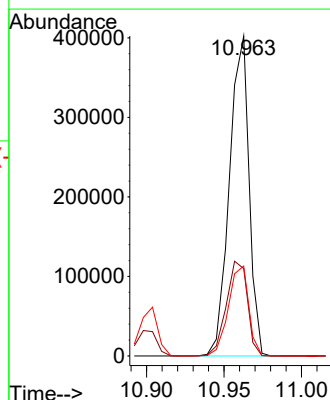
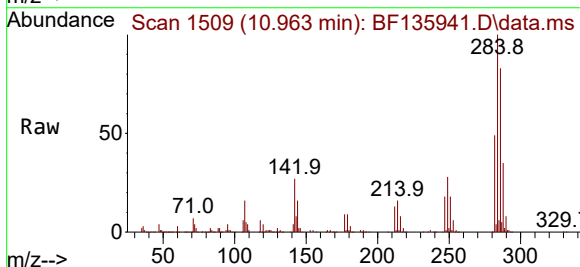
Instrument :
BNA_F
ClientSampleId :

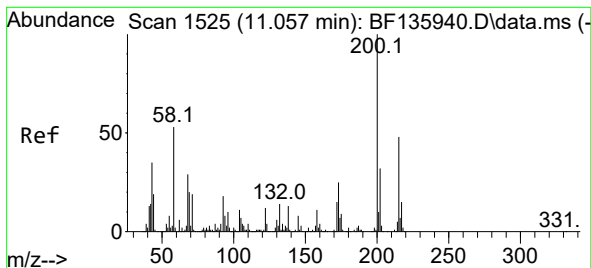
Tgt Ion:248 Resp: 331797
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 64.1 60.8 91.2



#68
Hexachlorobenzene
Concen: 47.398 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:284 Resp: 354710
Ion Ratio Lower Upper
284 100
142 27.3 27.6 41.4#
249 28.1 24.7 37.1





#69

Atrazine

Concen: 46.485 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

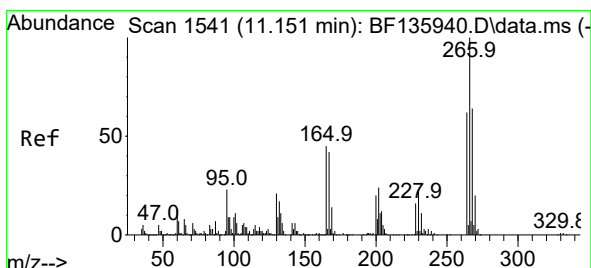
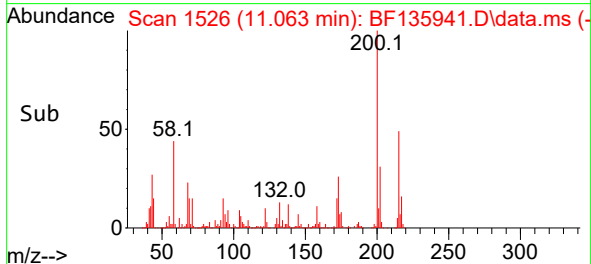
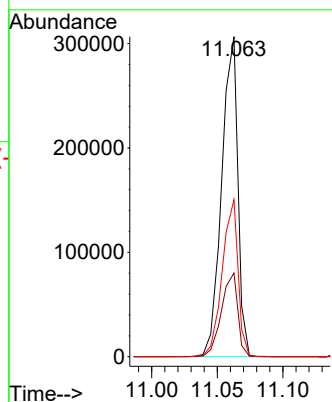
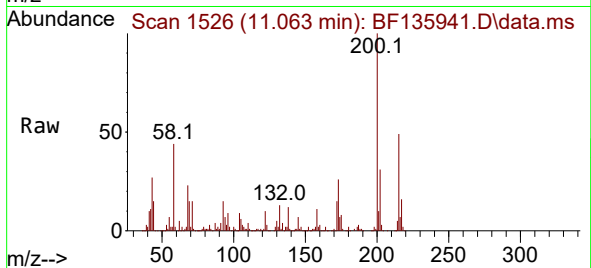
Tgt Ion:200 Resp: 261877

Ion Ratio Lower Upper

200 100

173 26.2 5.5 45.5

215 49.1 27.5 67.5



#70

Pentachlorophenol

Concen: 48.178 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

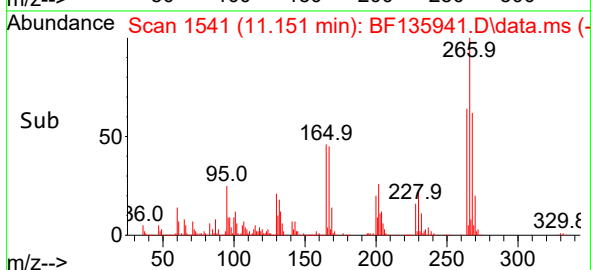
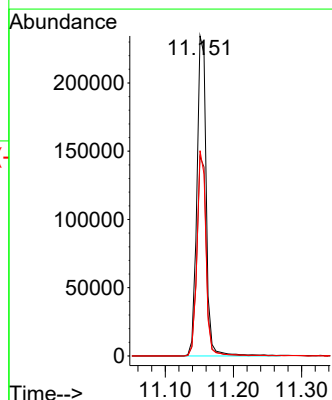
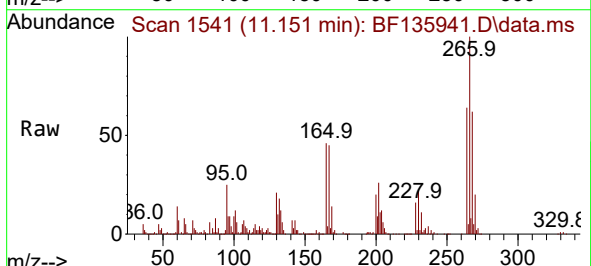
Tgt Ion:266 Resp: 220179

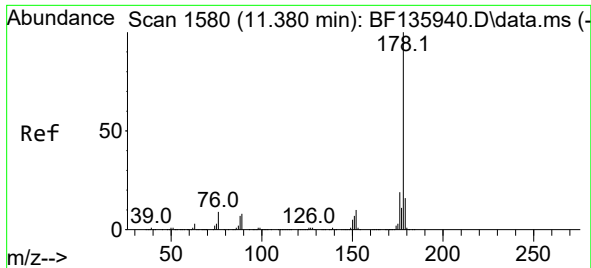
Ion Ratio Lower Upper

266 100

268 62.4 50.8 76.2

264 64.2 49.8 74.6

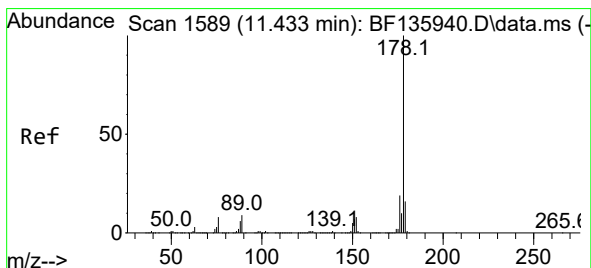
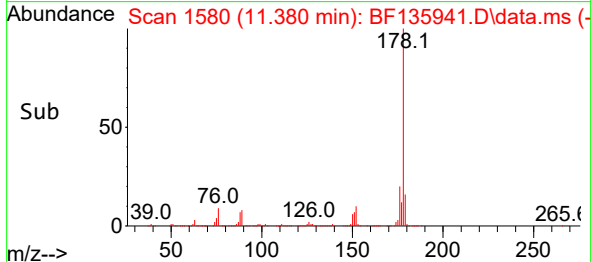
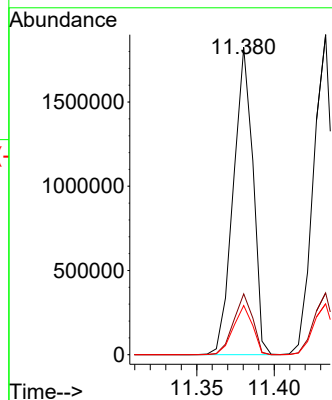
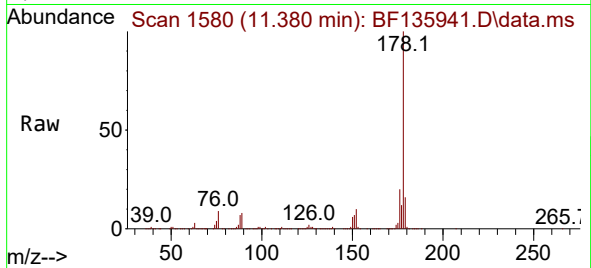




#71
Phenanthrene
Concen: 46.351 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

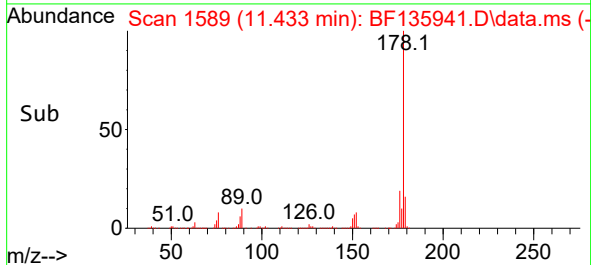
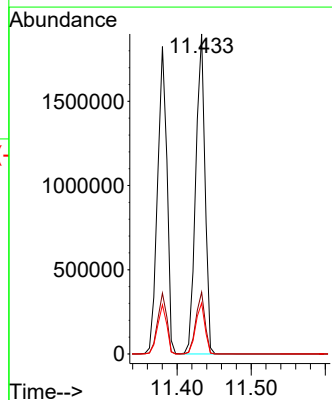
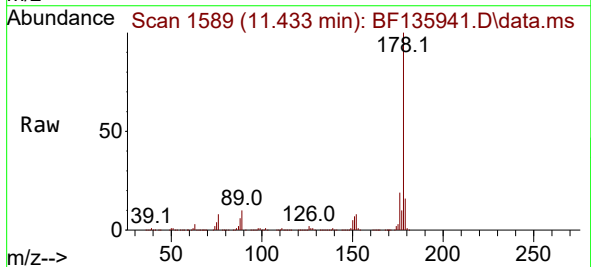
Instrument :
BNA_F
ClientSampleId :

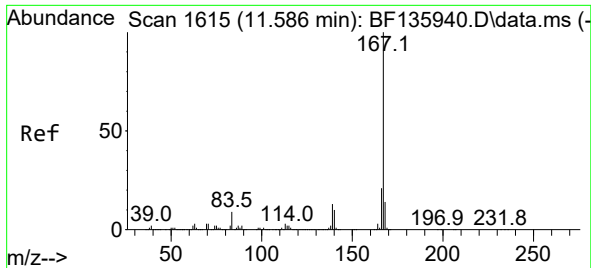
Tgt Ion:178 Resp: 1604117
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.0 12.5 18.7



#72
Anthracene
Concen: 46.531 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

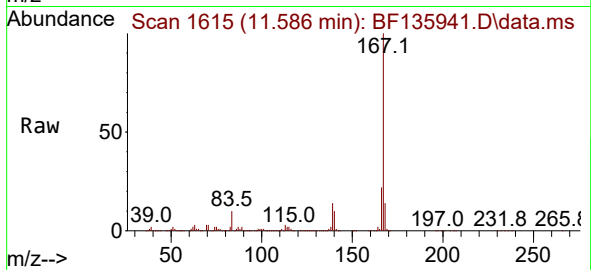
Tgt Ion:178 Resp: 1648905
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.9 12.5 18.7





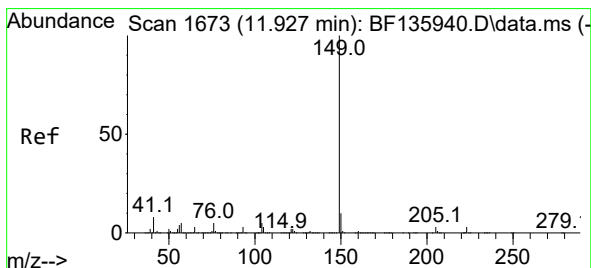
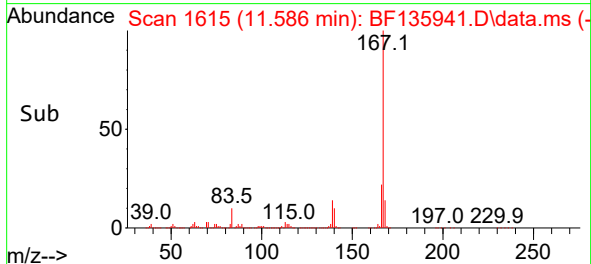
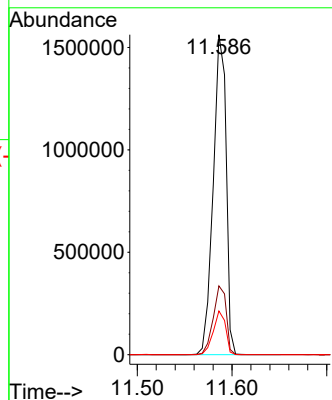
#73
 Carbazole
 Concen: 46.715 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF135941.D
 Acq: 25 Oct 2023 14:07

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:167 Resp: 1476715

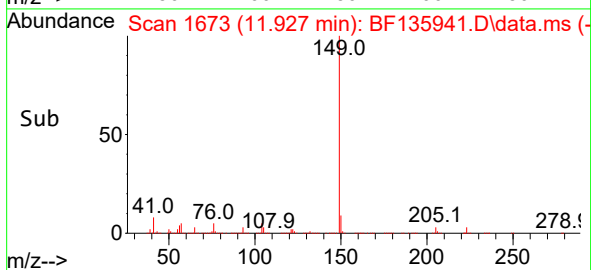
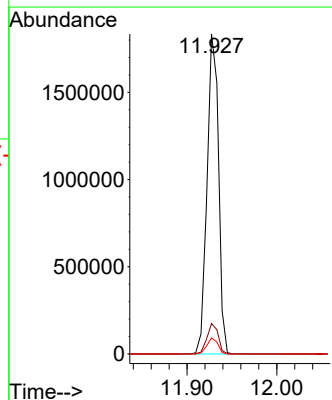
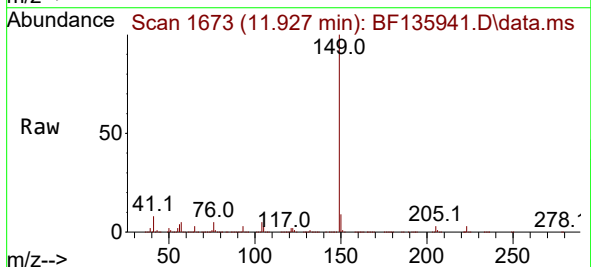
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.6	10.4	15.6

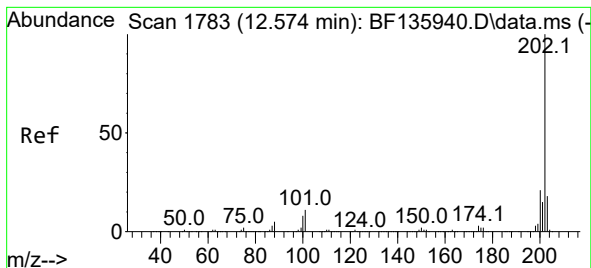


#74
 Di-n-butylphthalate
 Concen: 48.335 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF135941.D
 Acq: 25 Oct 2023 14:07

Tgt Ion:149 Resp: 1625877

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	3.9	5.9





#75

Fluoranthene

Concen: 46.706 ng

RT: 12.574 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

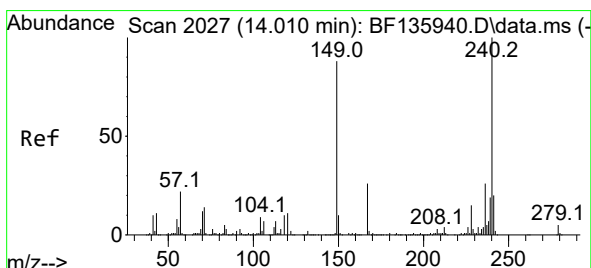
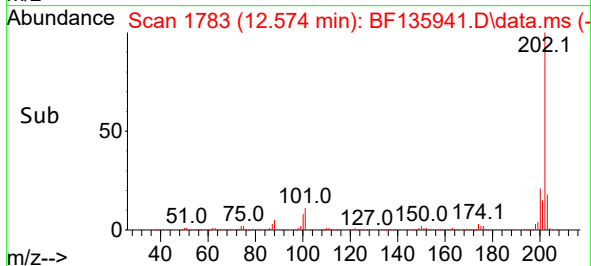
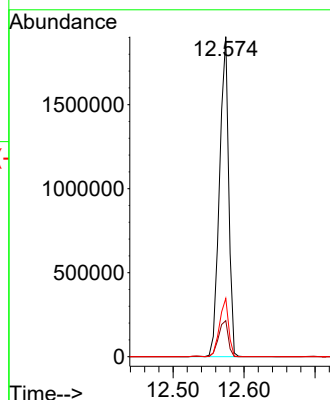
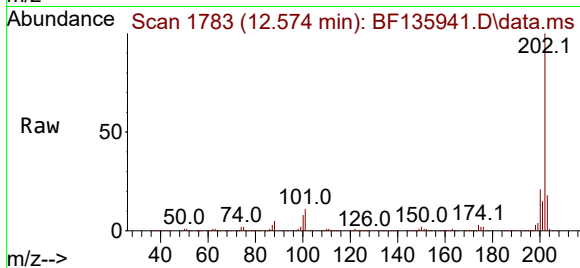
Tgt Ion:202 Resp: 1700545

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.6

203 18.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

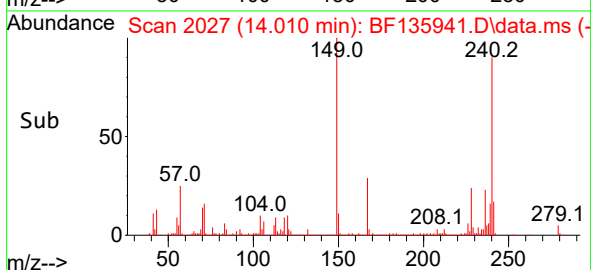
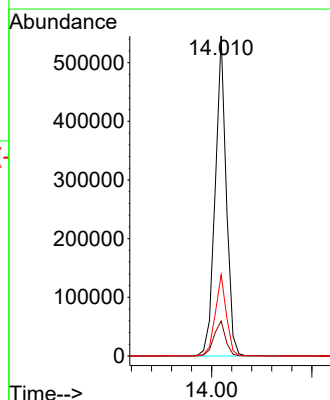
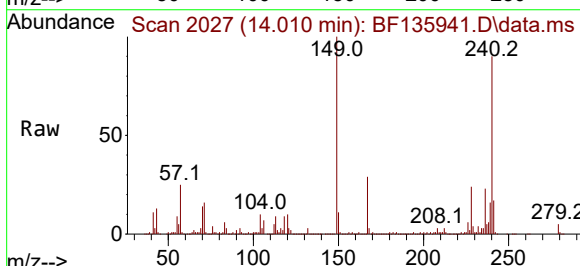
Tgt Ion:240 Resp: 417145

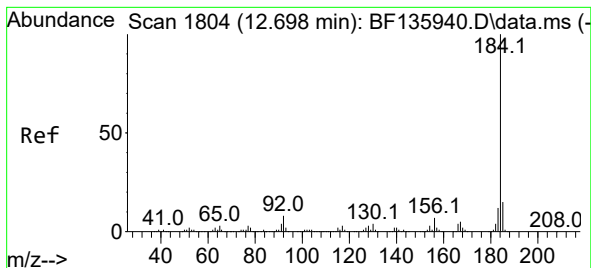
Ion Ratio Lower Upper

240 100

120 10.9 8.6 13.0

236 25.4 20.6 30.8





#77

Benzidine

Concen: 42.026 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

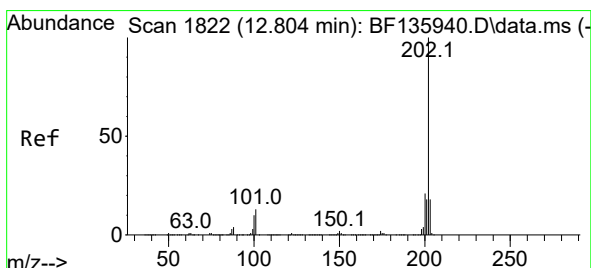
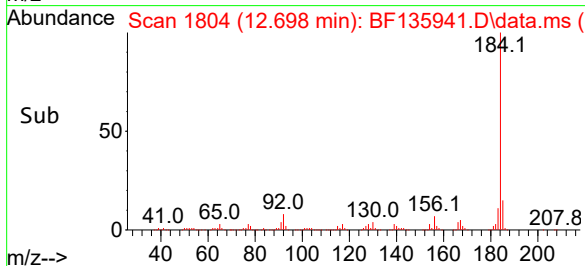
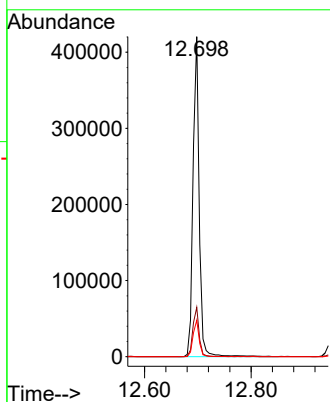
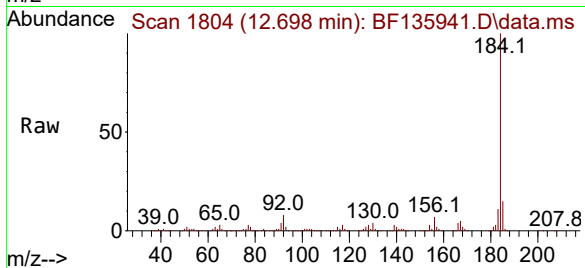
Tgt Ion:184 Resp: 338038

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

183 11.4 9.2 13.8



#78

Pyrene

Concen: 49.510 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

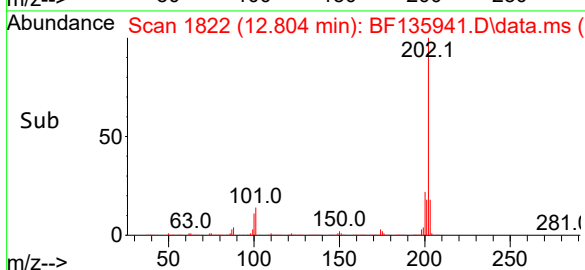
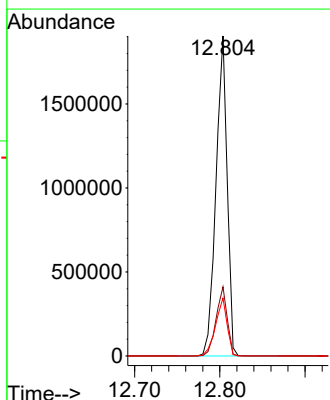
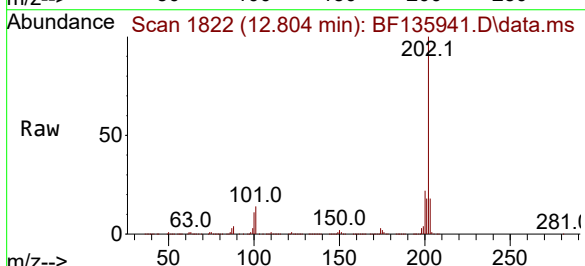
Tgt Ion:202 Resp: 1734086

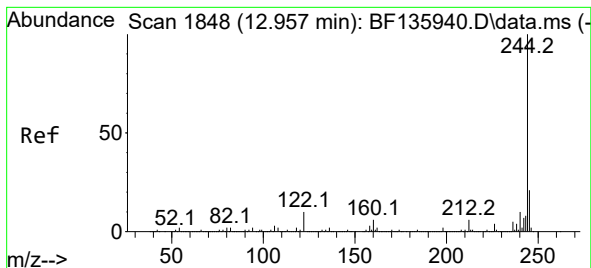
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 18.1 14.5 21.7





#79

Terphenyl-d14

Concen: 95.990 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

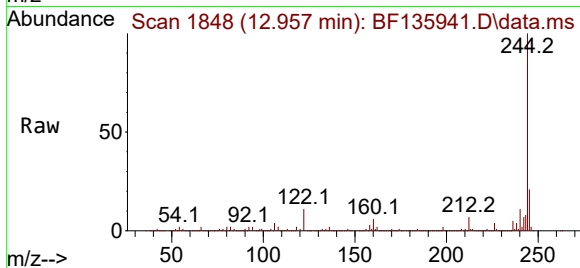
Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :



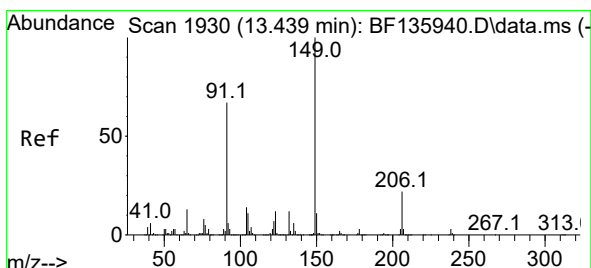
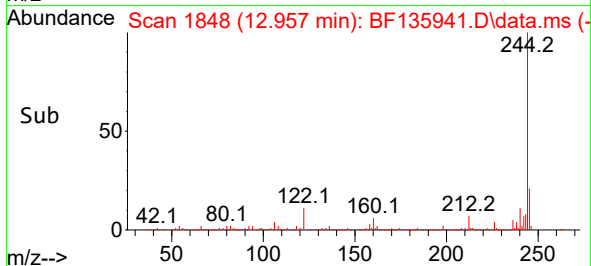
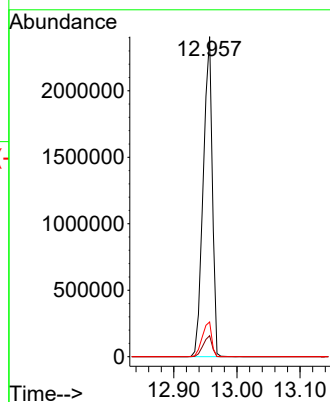
Tgt Ion:244 Resp: 2396597

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

122 10.9 8.0 12.0



#80

Butylbenzylphthalate

Concen: 47.351 ng

RT: 13.439 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

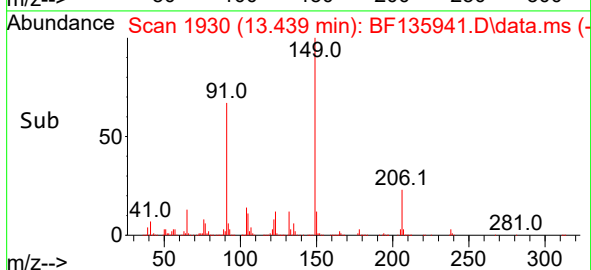
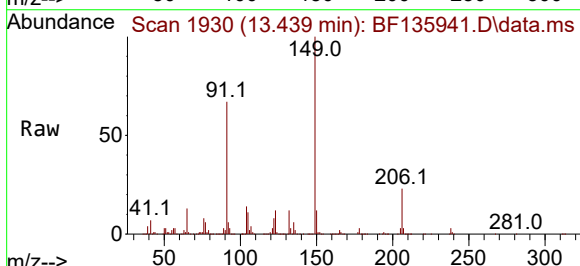
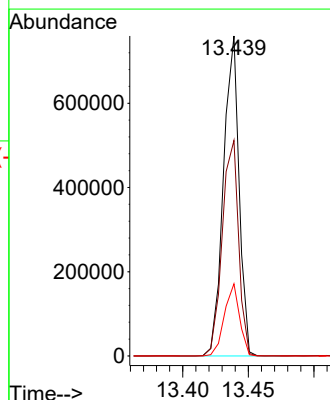
Tgt Ion:149 Resp: 626035

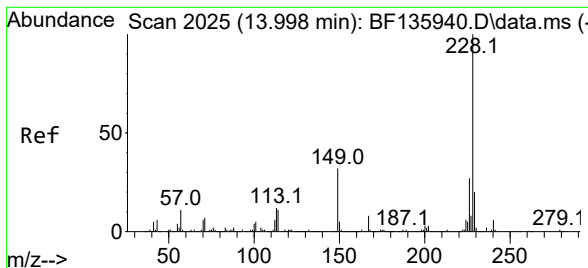
Ion Ratio Lower Upper

149 100

91 67.3 53.4 80.0

206 22.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 47.929 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

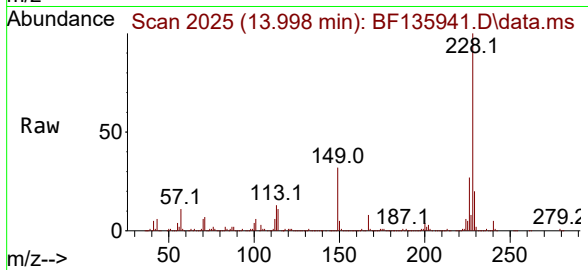
Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :



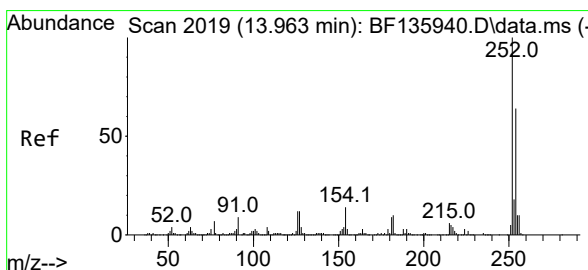
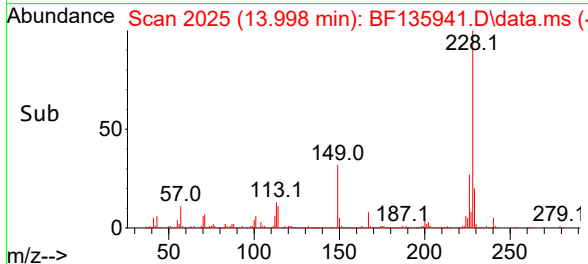
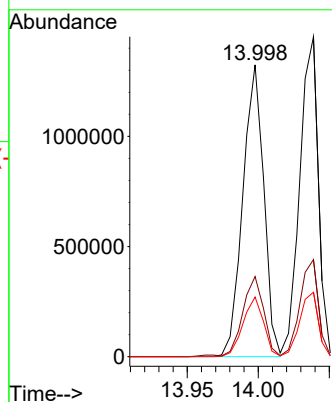
Tgt Ion:228 Resp: 1359450

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

229 20.5 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 47.867 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

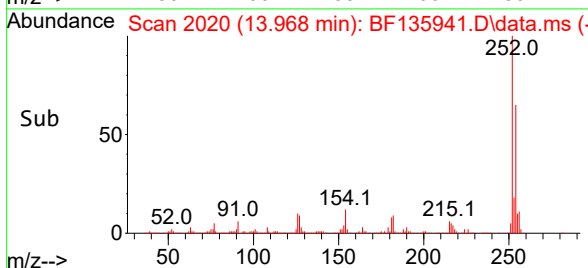
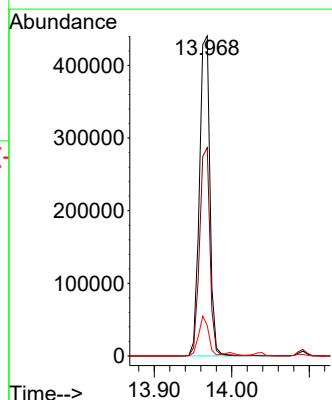
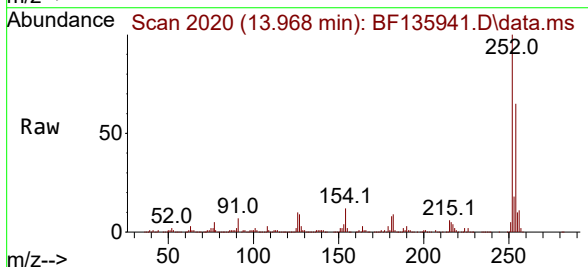
Tgt Ion:252 Resp: 413051

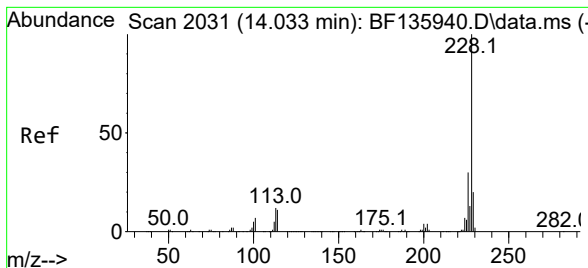
Ion Ratio Lower Upper

252 100

254 65.1 50.9 76.3

126 9.5 9.8 14.6#





#83

Chrysene

Concen: 47.845 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

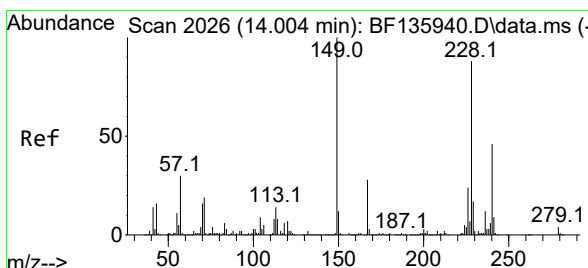
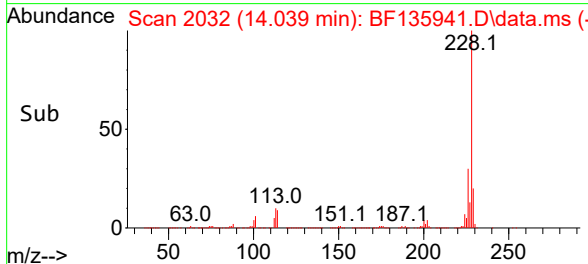
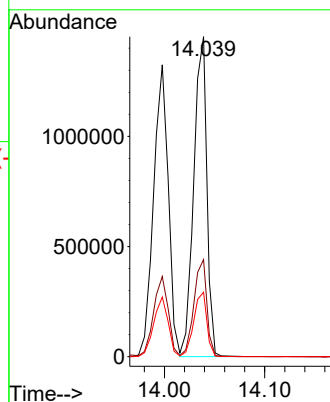
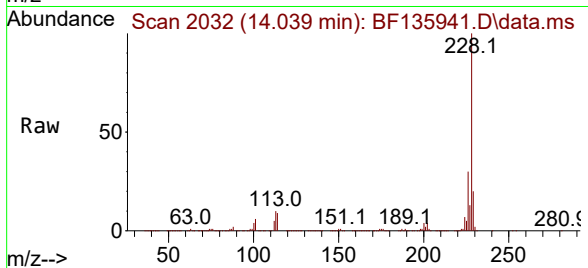
Tgt Ion:228 Resp: 1321701

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.469 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

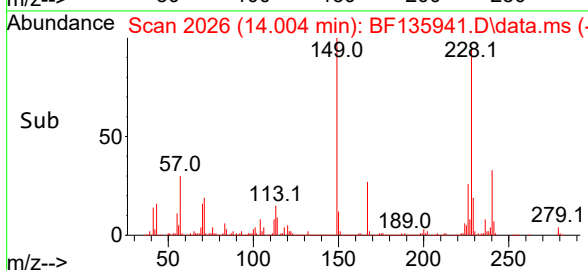
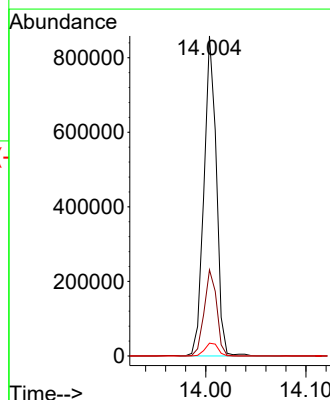
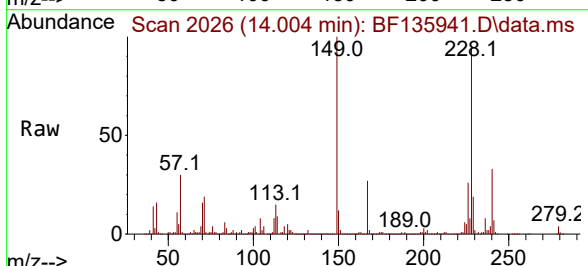
Tgt Ion:149 Resp: 741294

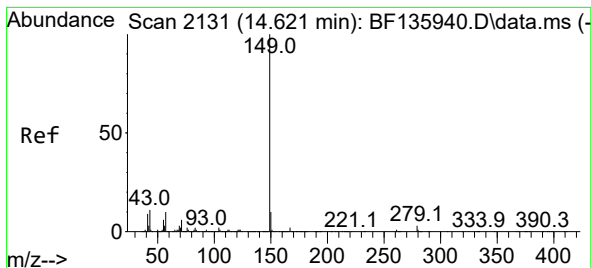
Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 50.715 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

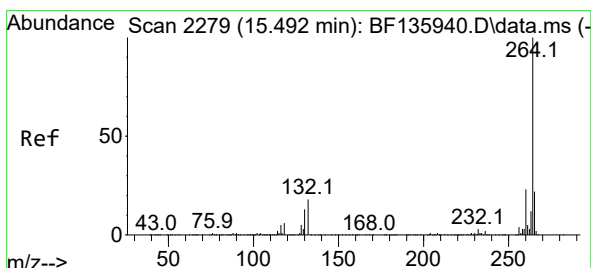
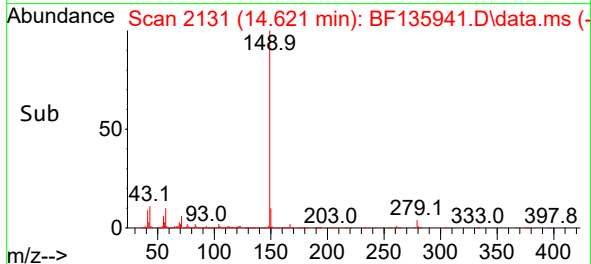
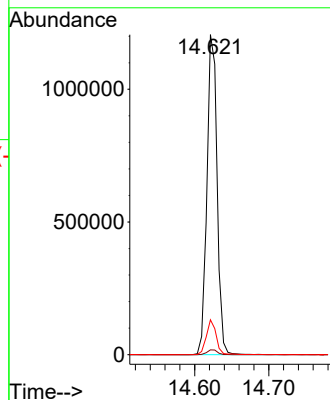
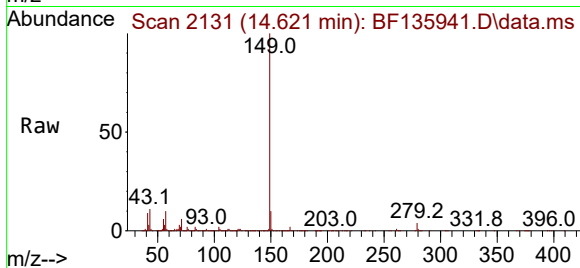
Tgt Ion:149 Resp: 1150655

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

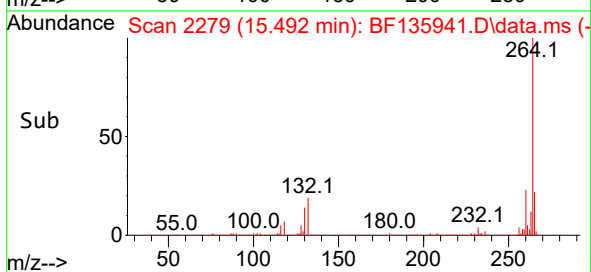
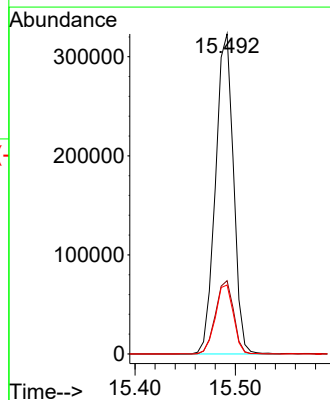
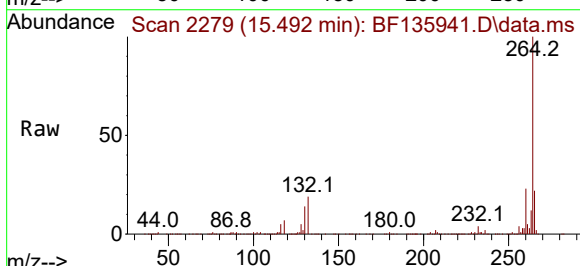
Tgt Ion:264 Resp: 400794

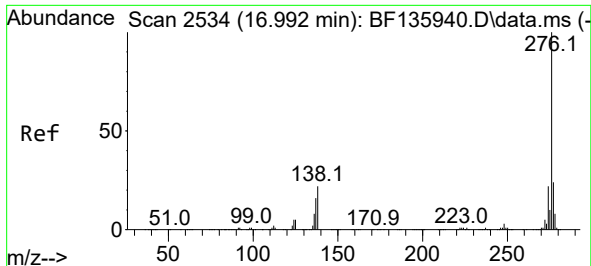
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.5 17.3 25.9

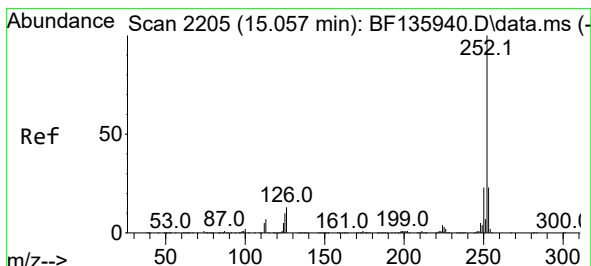
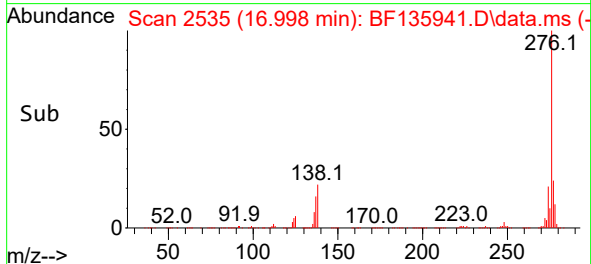
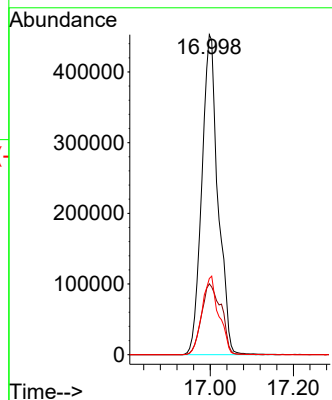
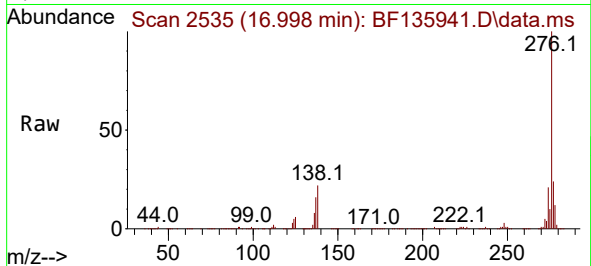




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.077 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135941.D
 Acq: 25 Oct 2023 14:07

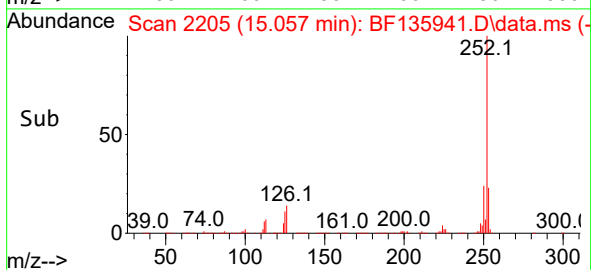
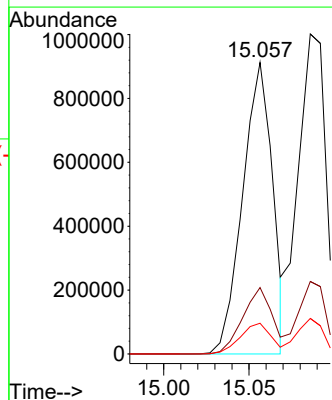
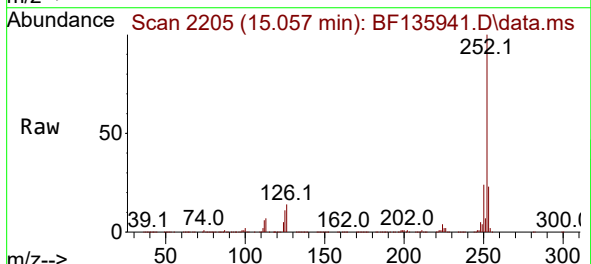
Instrument :
 BNA_F
 ClientSampleId :

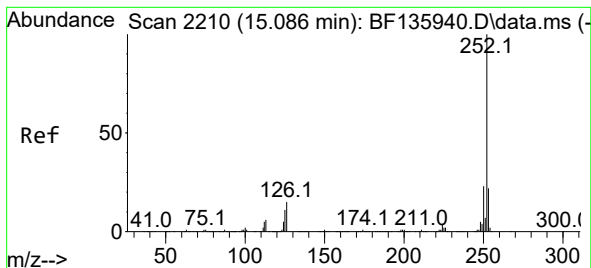
Tgt Ion:276 Resp: 1228974
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.8 32.6
 277 25.5 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 46.787 ng
 RT: 15.057 min Scan# 2205
 Delta R.T. -0.000 min
 Lab File: BF135941.D
 Acq: 25 Oct 2023 14:07

Tgt Ion:252 Resp: 1115976
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.0 27.0
 125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.961 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

Instrument :

BNF

ClientSampleId :

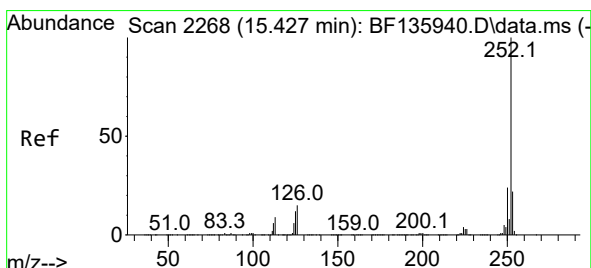
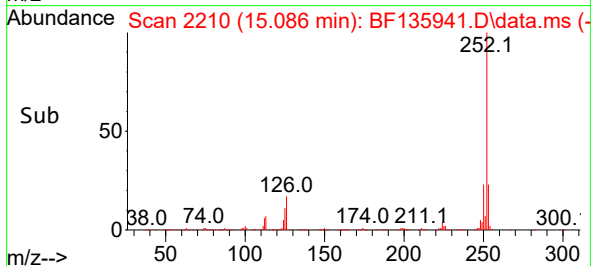
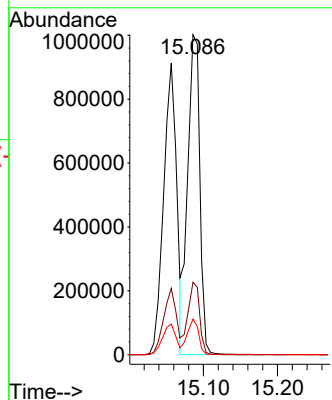
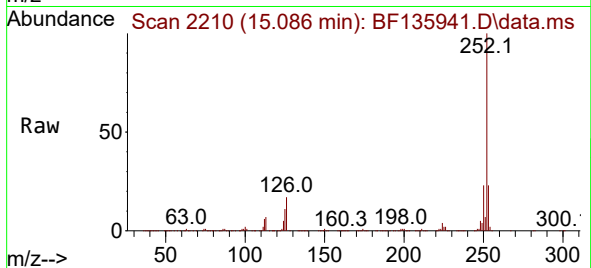
Tgt Ion:252 Resp: 1146960

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 11.1 8.5 12.7



#90

Benzo(a)pyrene

Concen: 49.116 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF135941.D

Acq: 25 Oct 2023 14:07

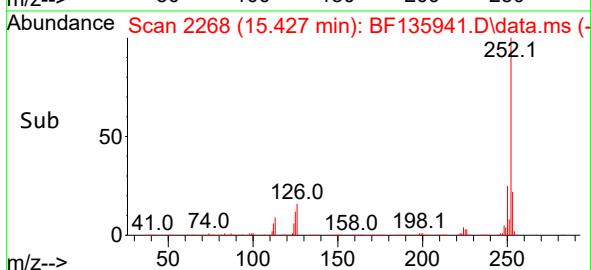
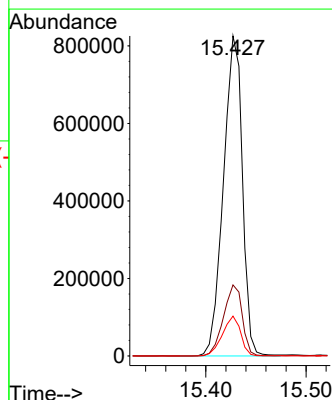
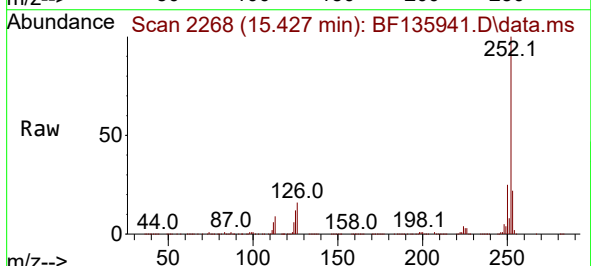
Tgt Ion:252 Resp: 1079718

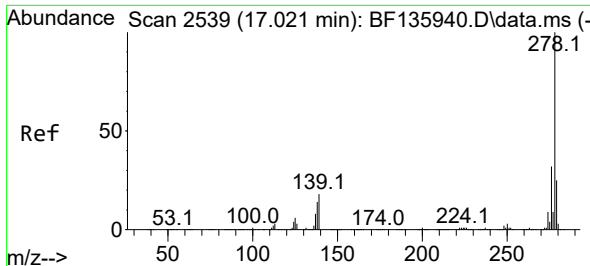
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

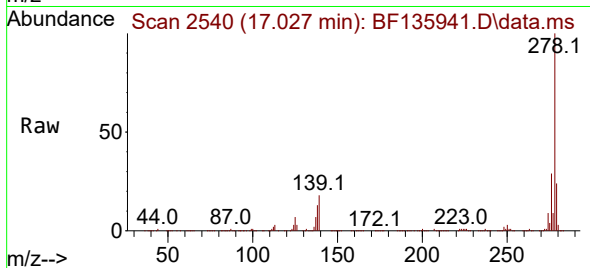
125 12.4 9.6 14.4



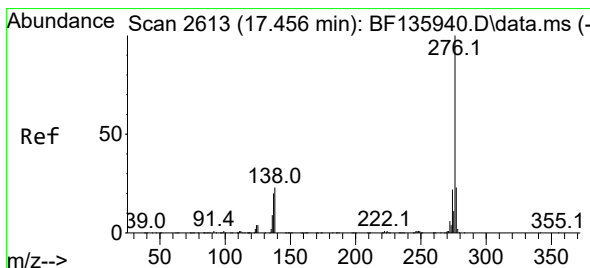
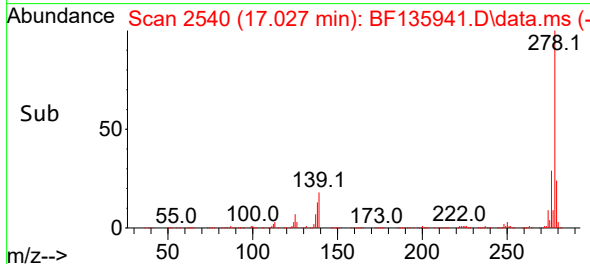
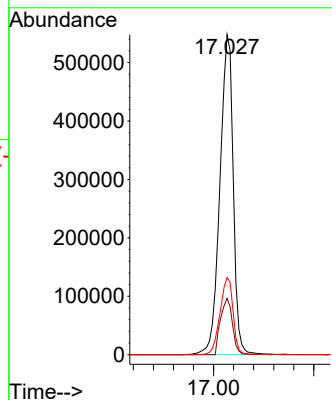


#91
Dibenzo(a,h)anthracene
Concen: 52.074 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 1012283
Ion Ratio Lower Upper
278 100
139 17.6 14.0 21.0
279 24.1 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 46.867 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF135941.D
Acq: 25 Oct 2023 14:07

Tgt Ion:276 Resp: 1033729
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 22.8 18.4 27.6

