

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135706.D
 Acq On : 11 Oct 2023 11:33
 Operator : CG\JU
 Sample : PB156189BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156189BS

Quant Time: Oct 12 00:46:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	97334	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	373555	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	190099	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	359878	20.000	ng	0.00
76) Chrysene-d12	13.939	240	199372	20.000	ng	0.00
86) Perylene-d12	15.409	264	189999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	856900	143.188	ng	0.02
7) Phenol-d6	6.398	99	1039241	136.570	ng	0.00
23) Nitrobenzene-d5	7.310	82	674548	98.105	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	282302	149.435	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1183001	93.889	ng	0.00
79) Terphenyl-d14	12.874	244	1277049	99.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	119609	45.592	ng	99
3) Pyridine	3.275	79	275825	39.065	ng	99
4) n-Nitrosodimethylamine	3.240	42	198697	53.031	ng	94
6) Aniline	6.410	93	325409	32.610	ng	# 2
8) 2-Chlorophenol	6.534	128	342196	53.565	ng	95
9) Benzaldehyde	6.298	77	108662	25.066	ng	98
10) Phenol	6.410	94	388798	46.595	ng	81
11) bis(2-Chloroethyl)ether	6.481	93	332869	53.182	ng	97
12) 1,3-Dichlorobenzene	6.681	146	344027	52.988	ng	98
13) 1,4-Dichlorobenzene	6.757	146	355865	53.874	ng	99
14) 1,2-Dichlorobenzene	6.904	146	328098	53.486	ng	99
15) Benzyl Alcohol	6.898	79	265129	48.554	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	598028	50.690	ng	52
17) 2-Methylphenol	7.010	107	271969	48.242	ng	# 90
18) Hexachloroethane	7.239	117	128230	52.539	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	230395	48.881	ng	94
20) 3+4-Methylphenols	7.169	107	343479	50.668	ng	# 68
22) Acetophenone	7.157	105	460907	53.968	ng	93
24) Nitrobenzene	7.328	77	352313	51.842	ng	98
25) Isophorone	7.563	82	652606	51.689	ng	99
26) 2-Nitrophenol	7.645	139	178620	54.763	ng	96
27) 2,4-Dimethylphenol	7.686	122	266287	48.570	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	400387	52.983	ng	99
29) 2,4-Dichlorophenol	7.892	162	279355	54.989	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	290223	54.656	ng	98
31) Naphthalene	8.039	128	965069	53.172	ng	99
32) Benzoic acid	7.851	122	183038	44.337	ng	97
33) 4-Chloroaniline	8.104	127	208153	26.140	ng	98
34) Hexachlorobutadiene	8.151	225	174902	54.626	ng	99
35) Caprolactam	8.480	113	59057	34.638	ng	95
36) 4-Chloro-3-methylphenol	8.604	107	290820	51.507	ng	96
37) 2-Methylnaphthalene	8.733	142	579576	47.505	ng	99
38) 1-Methylnaphthalene	8.833	142	553104	48.423	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	287481	52.200	ng	98
41) Hexachlorocyclopentadiene	8.880	237	132120	56.803	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	179697	49.834	ng	98

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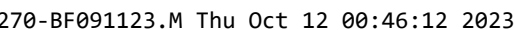
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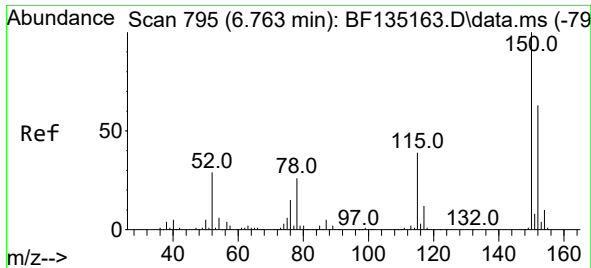
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	189258	45.576	ng	98
46) 1,1'-Biphenyl	9.204	154	771714	52.825	ng	99
47) 2-Chloronaphthalene	9.227	162	559650	52.799	ng	98
48) 2-Nitroaniline	9.339	65	216785	52.645	ng	95
49) Acenaphthylene	9.645	152	953939	54.153	ng	99
50) Dimethylphthalate	9.510	163	692317	53.866	ng	100
51) 2,6-Dinitrotoluene	9.580	165	152328	54.102	ng	98
52) Acenaphthene	9.816	154	556967	53.522	ng	97
53) 3-Nitroaniline	9.751	138	116844	35.353	ng	98
54) 2,4-Dinitrophenol	9.874	184	147956	91.584	ng	93
55) Dibenzofuran	9.986	168	832943	52.452	ng	95
56) 4-Nitrophenol	9.939	139	152900	72.792	ng	92
57) 2,4-Dinitrotoluene	9.992	165	194801	55.265	ng	# 84
58) Fluorene	10.333	166	658010	53.900	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	174896	54.752	ng	97
60) Diethylphthalate	10.210	149	713614	55.324	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	311839	53.176	ng	99
62) 4-Nitroaniline	10.380	138	163432	51.443	ng	99
63) Azobenzene	10.486	77	689860	54.647	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	102588	53.671	ng	94
66) n-Nitrosodiphenylamine	10.451	169	610716	56.054	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	198212	55.378	ng	96
68) Hexachlorobenzene	10.886	284	214435	58.807	ng	98
69) Atrazine	10.986	200	193490	66.002	ng	98
70) Pentachlorophenol	11.092	266	169564	77.723	ng	98
71) Phenanthrene	11.304	178	921555	54.143	ng	100
72) Anthracene	11.357	178	949083	54.248	ng	99
73) Carbazole	11.516	167	879159	55.201	ng	99
74) Di-n-butylphthalate	11.839	149	1093727	58.280	ng	99
75) Fluoranthene	12.498	202	989912	55.816	ng	99
77) Benzidine	12.627	184	325245	79.629	ng	99
78) Pyrene	12.727	202	1005321	52.963	ng	99
80) Butylbenzylphthalate	13.345	149	423989	63.441	ng	94
81) Benzo(a)anthracene	13.927	228	734832	57.079	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	201709	50.161	ng	# 98
83) Chrysene	13.962	228	683374	53.390	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	530543	77.360	ng	100
85) Di-n-octyl phthalate	14.527	149	744015	68.266	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	727054	58.362	ng	99
88) Benzo(b)fluoranthene	14.980	252	569153	55.336	ng	98
89) Benzo(k)fluoranthene	15.009	252	551190	54.251	ng	99
90) Benzo(a)pyrene	15.351	252	505691	51.557	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	594641	58.338	ng	99
92) Benzo(g,h,i)perylene	17.356	276	620286	58.269	ng	99

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

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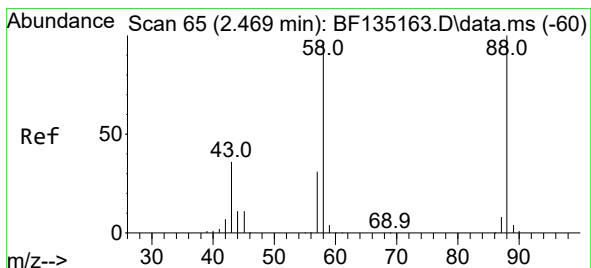
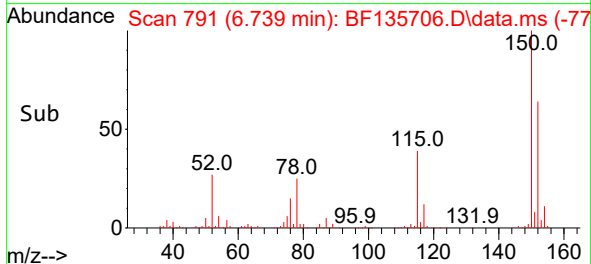
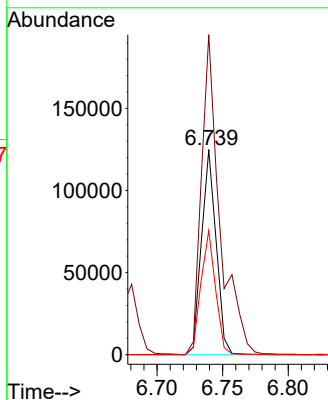
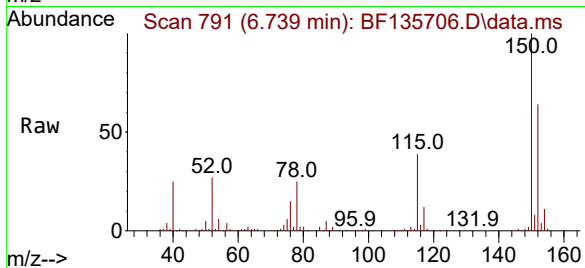




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BF135706.D
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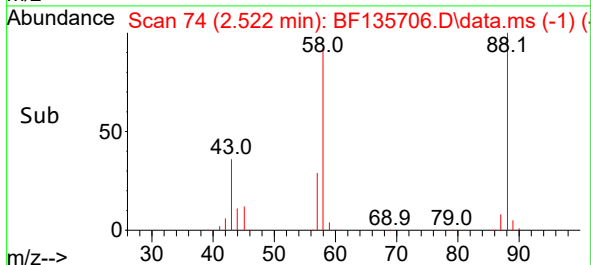
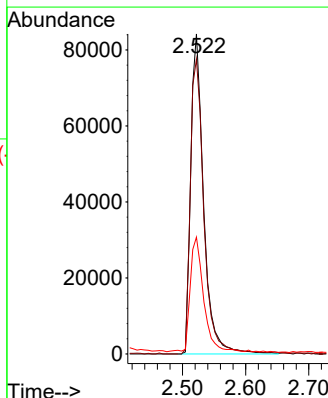
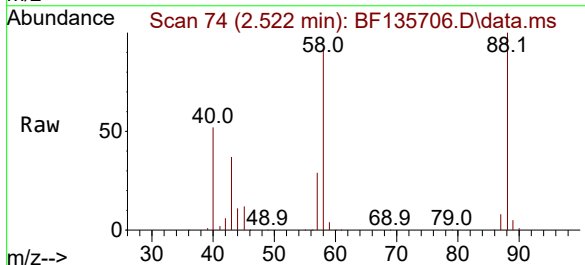
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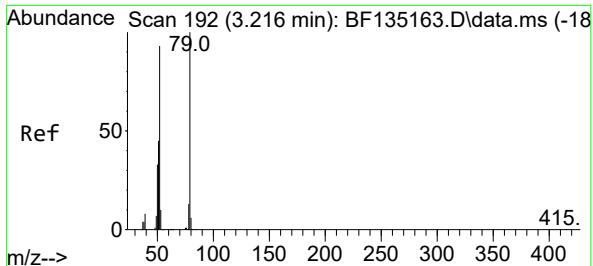
Tgt Ion:152 Resp: 97334
 Ion Ratio Lower Upper
 152 100
 150 156.1 127.8 191.6
 115 60.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 45.592 ng
 RT: 2.522 min Scan# 74
 Delta R.T. 0.094 min
 Lab File: BF135706.D
 Acq: 11 Oct 2023 11:33

Tgt Ion: 88 Resp: 119609
 Ion Ratio Lower Upper
 88 100
 58 96.8 78.3 117.5
 43 36.9 29.4 44.0

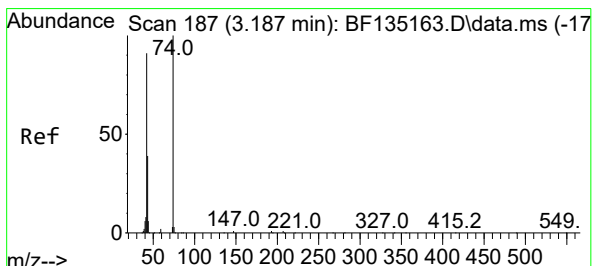
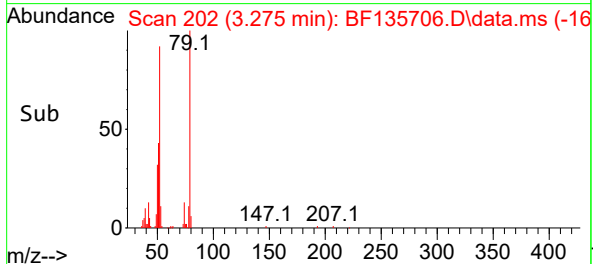
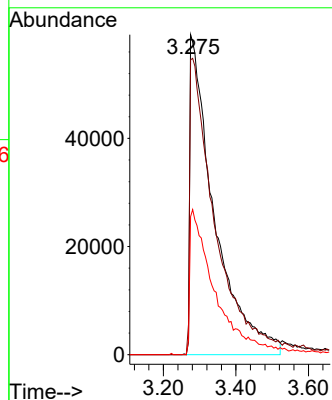
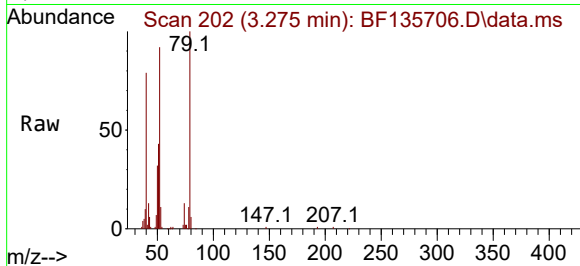




#3
 Pyridine
 Concen: 39.065 ng
 RT: 3.275 min Scan# 20
 Delta R.T. 0.100 min
 Lab File: BF135706.D
 Acq: 11 Oct 2023 11:33

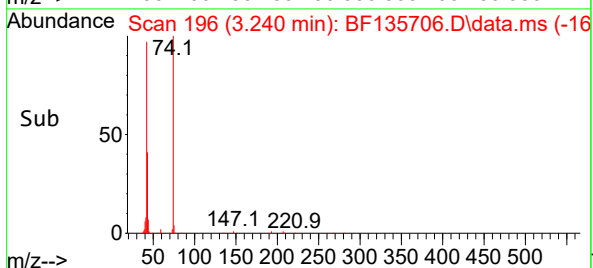
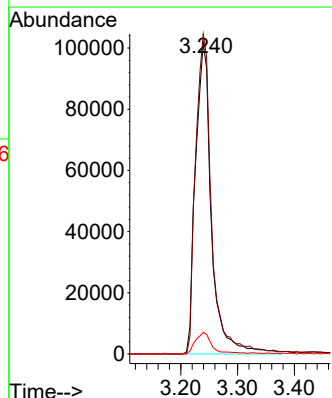
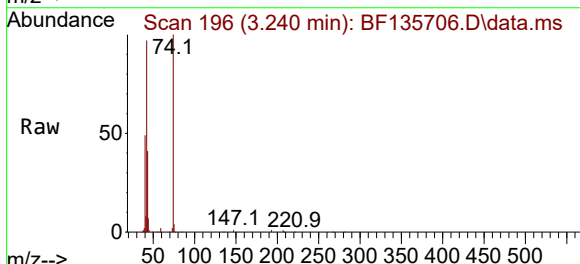
Instrument :
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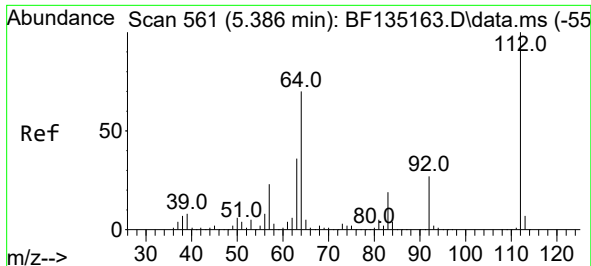
Tgt Ion: 79 Resp: 275825
 Ion Ratio Lower Upper
 79 100
 52 92.2 74.1 111.1
 51 43.1 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 53.031 ng
 RT: 3.240 min Scan# 196
 Delta R.T. 0.088 min
 Lab File: BF135706.D
 Acq: 11 Oct 2023 11:33

Tgt Ion: 42 Resp: 198697
 Ion Ratio Lower Upper
 42 100
 74 102.9 87.7 131.5
 44 6.9 5.6 8.4

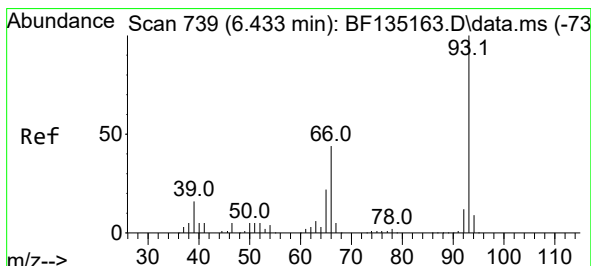
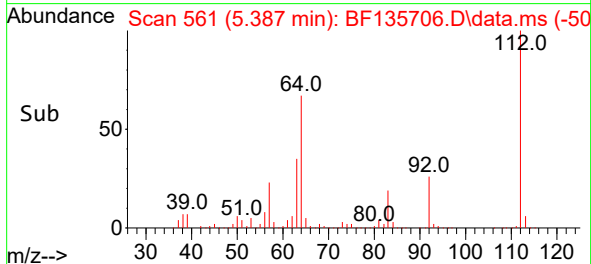
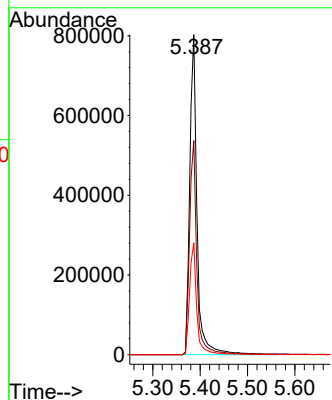
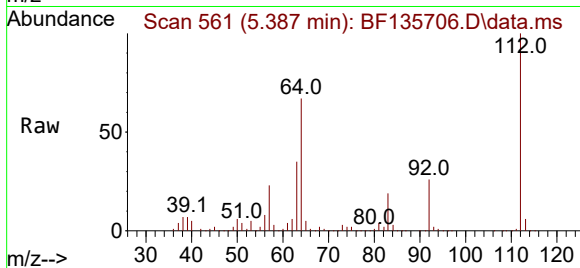




#5
2-Fluorophenol
Concen: 143.188 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

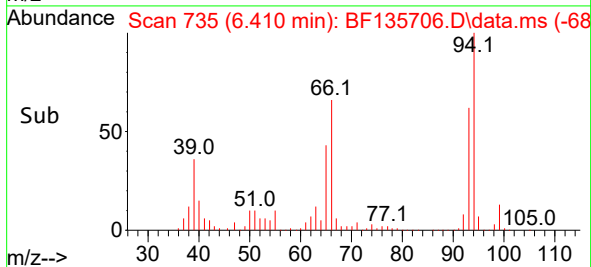
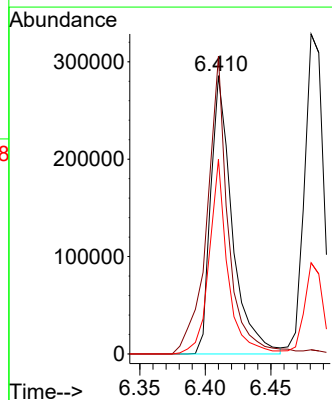
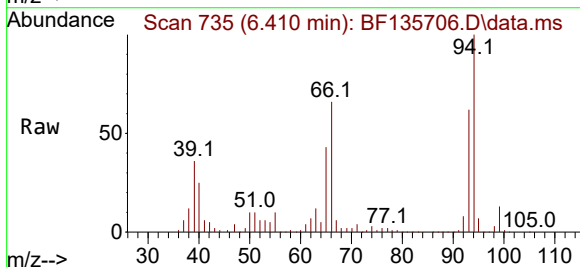
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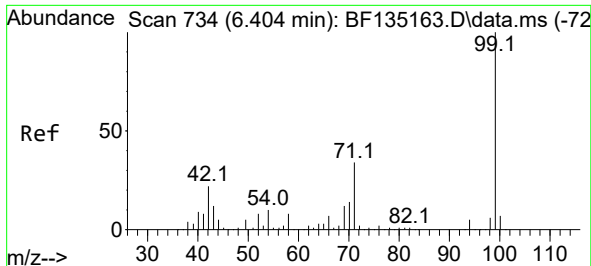
Tgt Ion:112 Resp: 856900
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 35.0 29.0 43.6



#6
Aniline
Concen: 32.610 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion: 93 Resp: 325409
Ion Ratio Lower Upper
93 100
66 106.9 35.4 53.0#
65 69.9 17.8 26.8#





#7

Phenol-d6

Concen: 136.570 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

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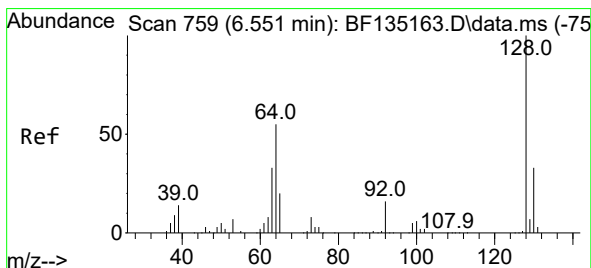
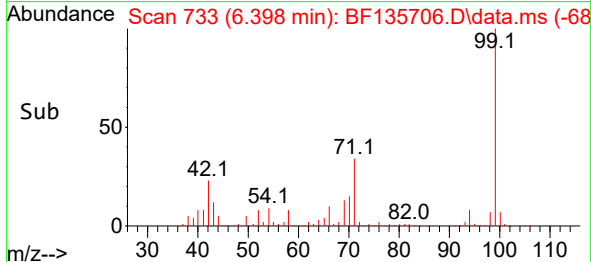
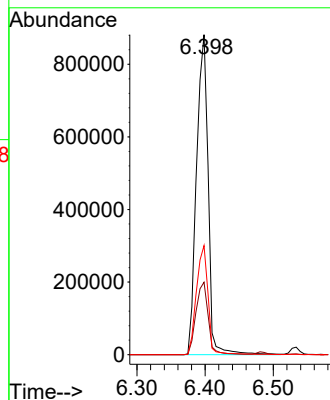
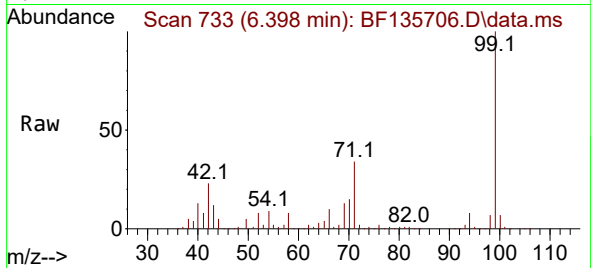
Tgt Ion: 99 Resp: 1039241

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 34.1 27.0 40.6



#8

2-Chlorophenol

Concen: 53.565 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

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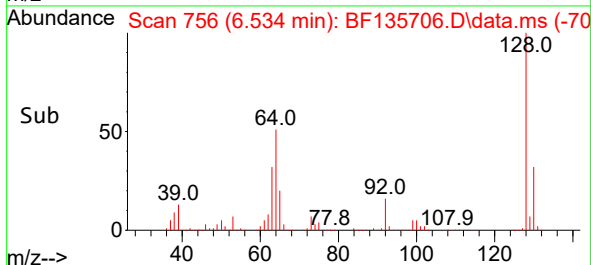
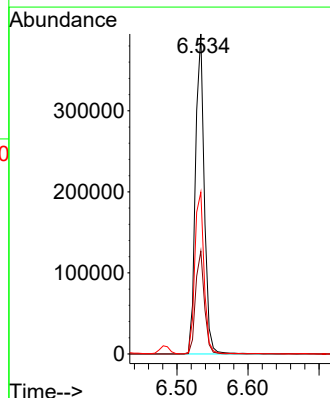
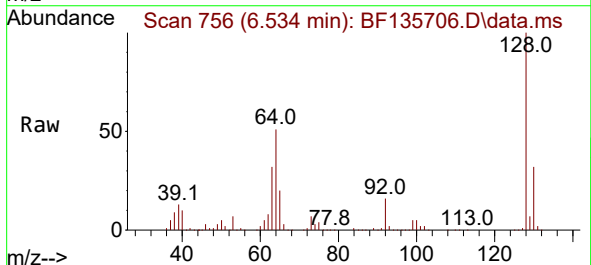
Tgt Ion:128 Resp: 342196

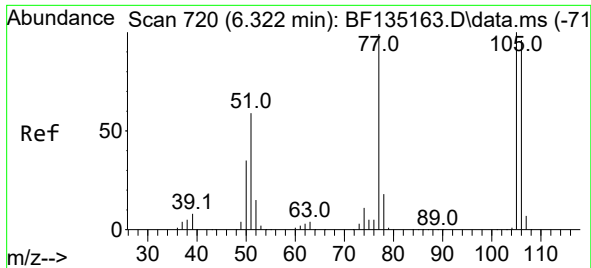
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 50.5 35.9 75.9

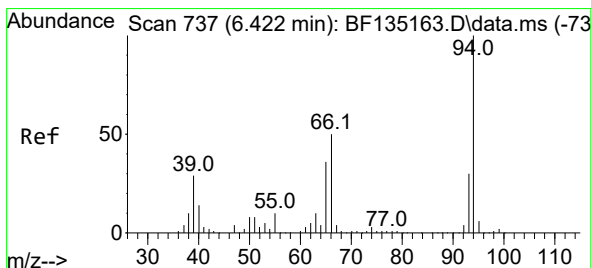
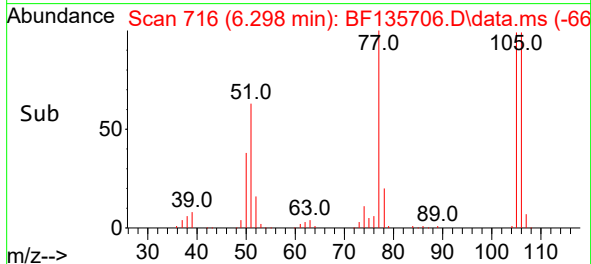
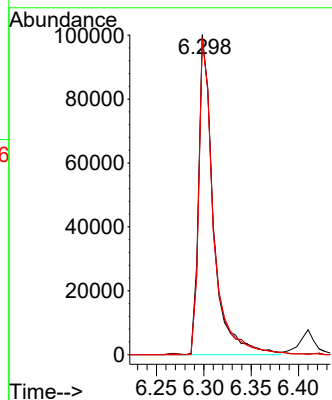
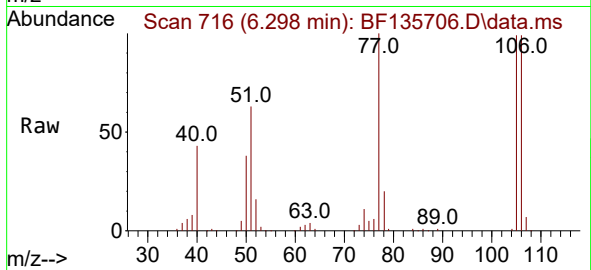




#9
Benzaldehyde
Concen: 25.066 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

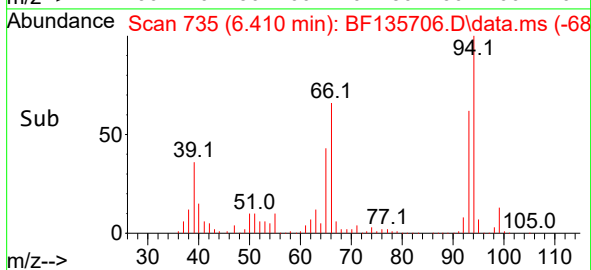
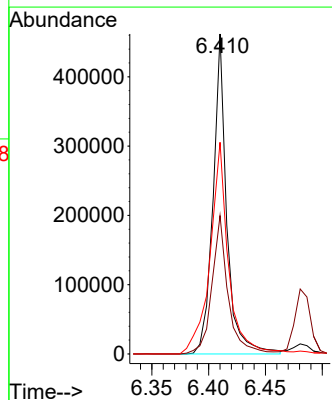
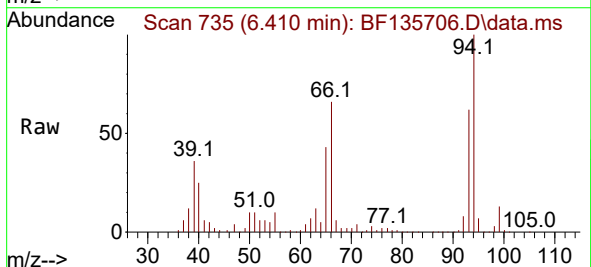
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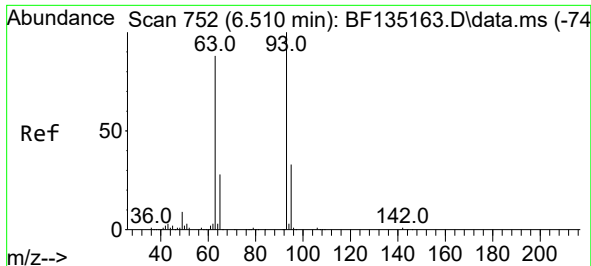
Tgt Ion: 77 Resp: 108662
Ion Ratio Lower Upper
77 100
105 98.9 81.4 121.4
106 98.8 76.9 116.9



#10
Phenol
Concen: 46.595 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion: 94 Resp: 388798
Ion Ratio Lower Upper
94 100
65 43.3 15.9 55.9
66 66.2 29.8 69.8

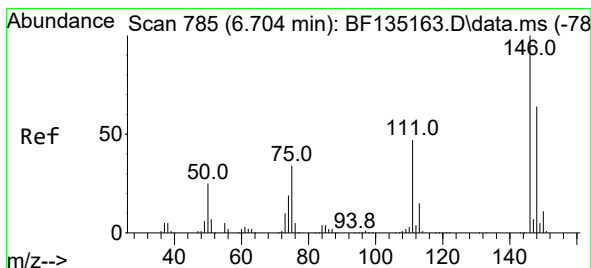
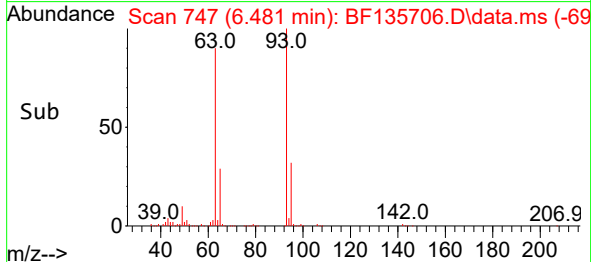
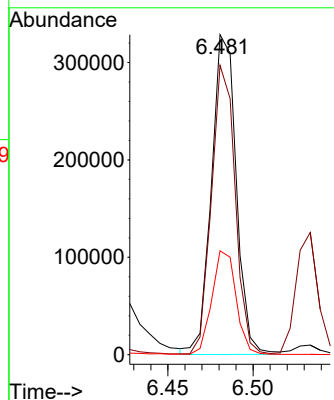
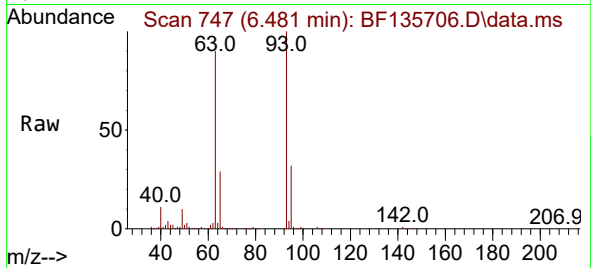




#11
 bis(2-Chloroethyl)ether
 Concen: 53.182 ng
 RT: 6.481 min Scan# 741
 Delta R.T. -0.000 min
 Lab File: BF135706.D
 Acq: 11 Oct 2023 11:33

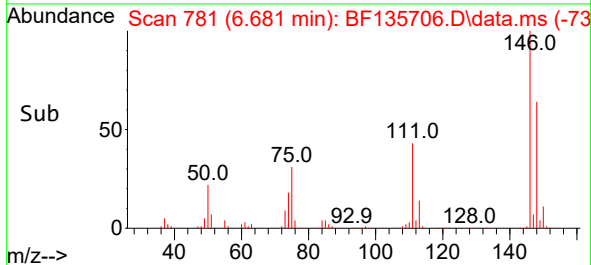
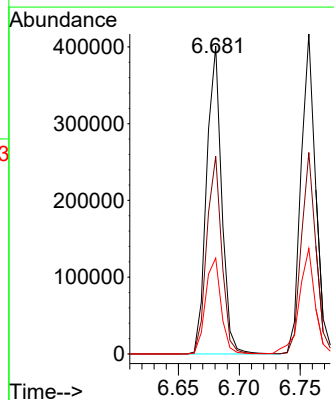
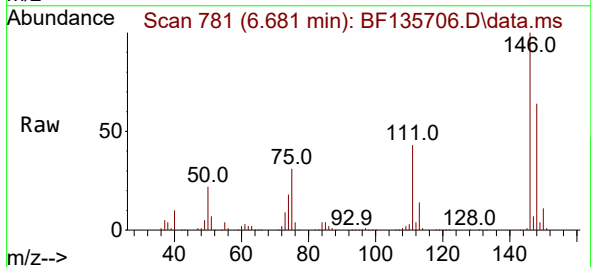
Instrument :
 BNA_F
 ClientSampleId :
 PB156189BS

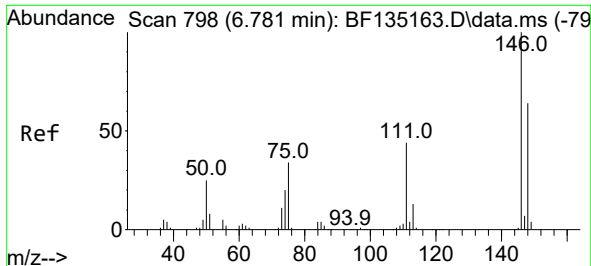
Tgt Ion: 93 Resp: 332869
 Ion Ratio Lower Upper
 93 100
 63 90.4 67.3 107.3
 95 32.5 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 52.988 ng
 RT: 6.681 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: BF135706.D
 Acq: 11 Oct 2023 11:33

Tgt Ion:146 Resp: 344027
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.3 76.9
 75 31.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 53.874 ng

RT: 6.757 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

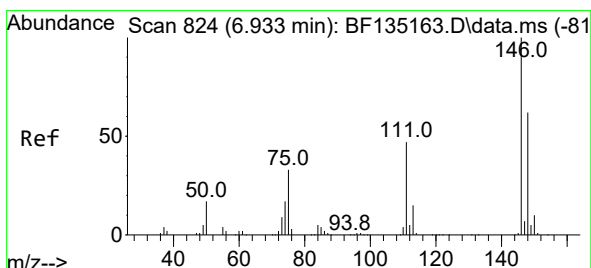
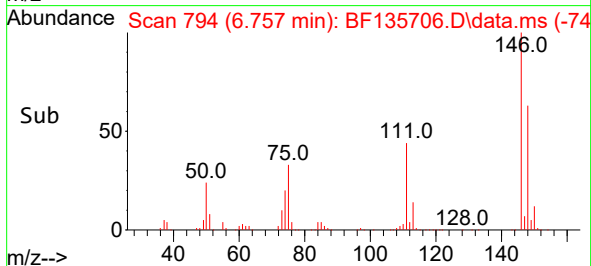
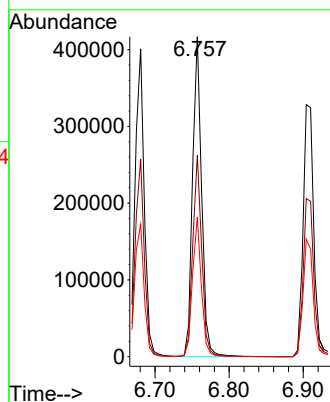
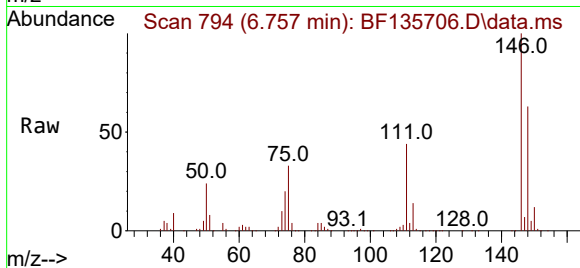
Tgt Ion:146 Resp: 355865

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

111 43.7 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 53.486 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

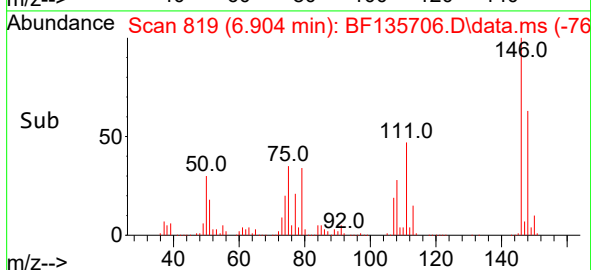
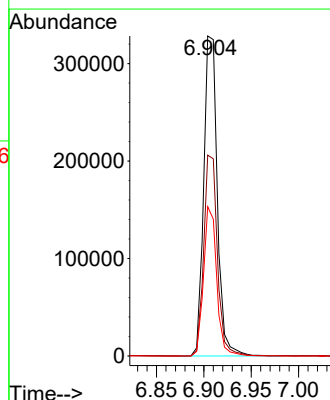
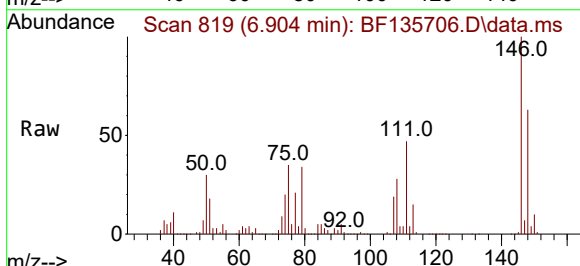
Tgt Ion:146 Resp: 328098

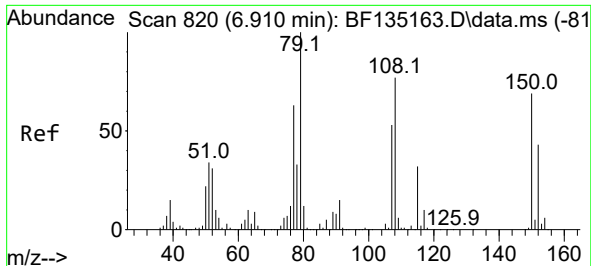
Ion Ratio Lower Upper

146 100

148 62.7 49.7 74.5

111 46.6 37.4 56.2

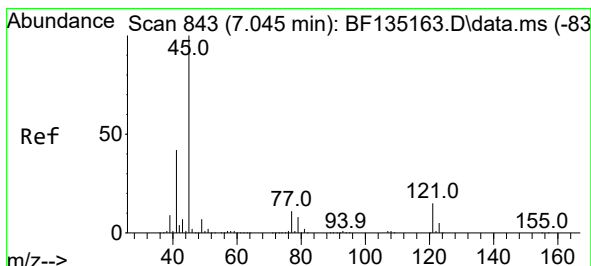
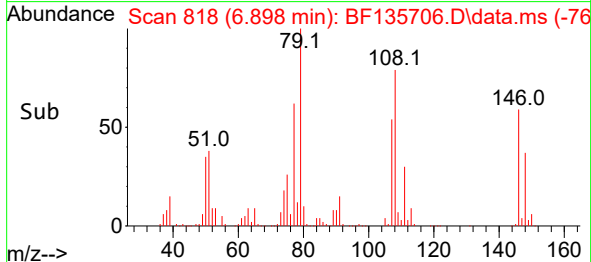
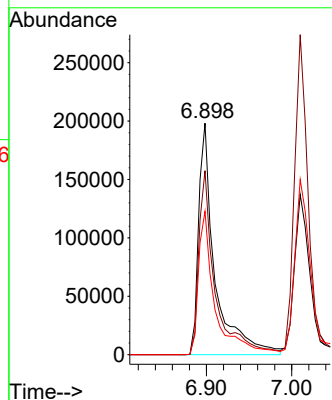
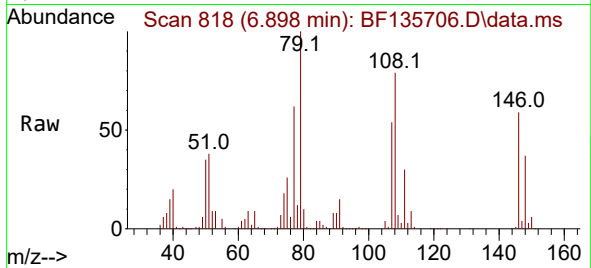




#15
Benzyl Alcohol
Concen: 48.554 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

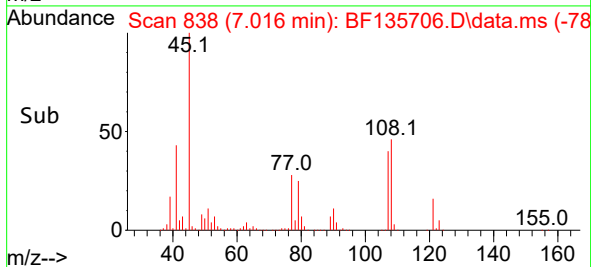
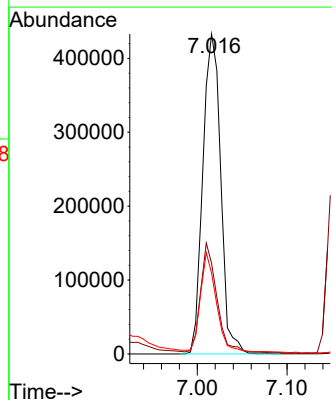
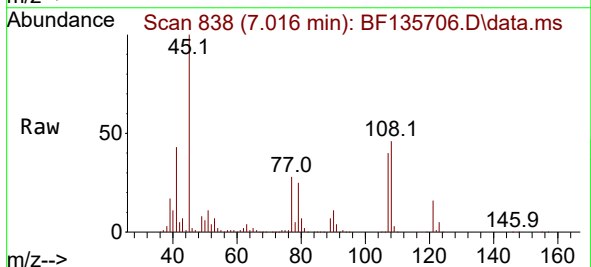
Instrument :
BNA_F
ClientSampleId :
PB156189BS

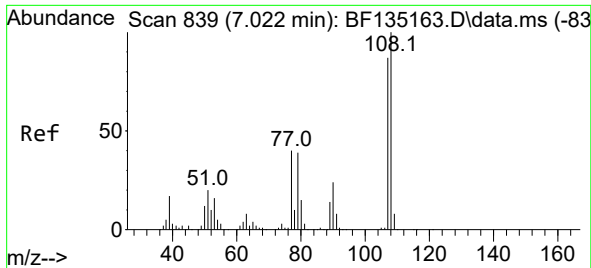
Tgt Ion: 79 Resp: 265129
Ion Ratio Lower Upper
79 100
108 79.5 61.2 91.8
77 61.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.690 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion: 45 Resp: 598028
Ion Ratio Lower Upper
45 100
77 28.4 0.0 30.6
79 25.3 0.0 28.3

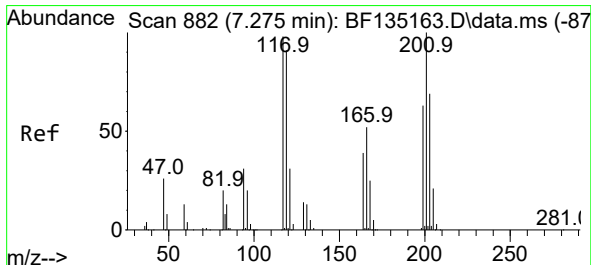
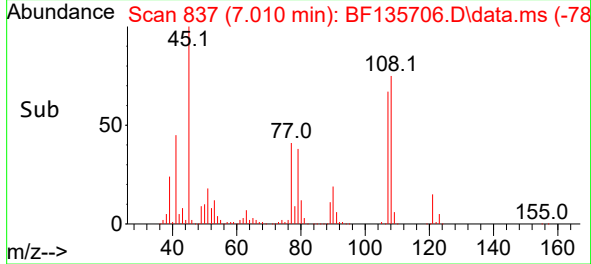
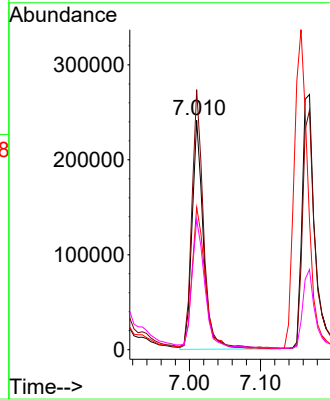
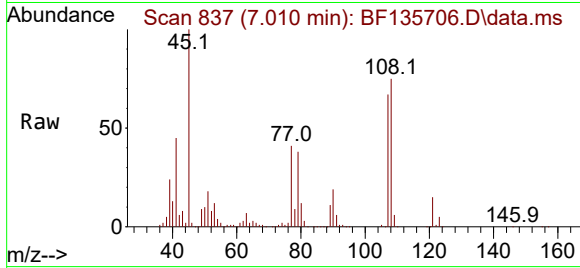




#17
2-Methylphenol
Concen: 48.242 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

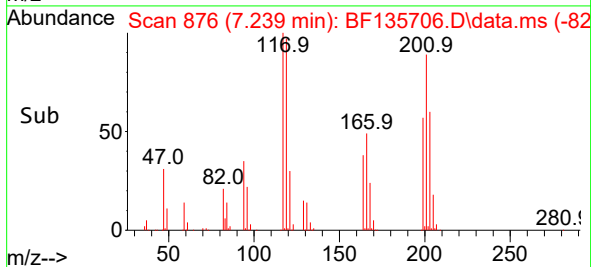
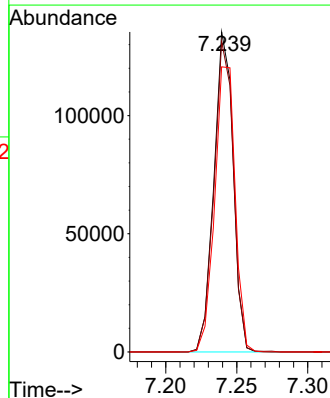
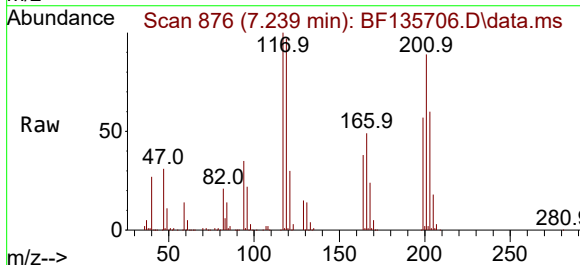
Instrument :
BNA_F
ClientSampleId :
PB156189BS

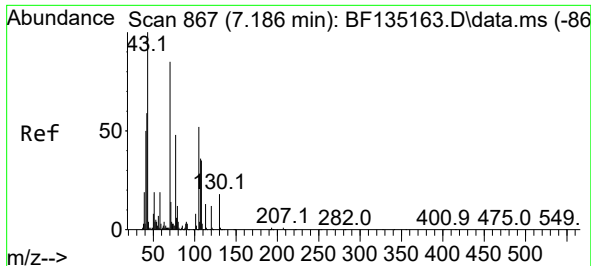
Tgt Ion:107 Resp: 271969
Ion Ratio Lower Upper
107 100
108 113.4 92.0 138.0
77 62.1 36.7 55.1#
79 56.8 36.3 54.5#



#18
Hexachloroethane
Concen: 52.539 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:117 Resp: 128230
Ion Ratio Lower Upper
117 100
119 97.1 74.7 112.1
201 89.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 48.881 ng

RT: 7.157 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

Tgt Ion: 70 Resp: 230395

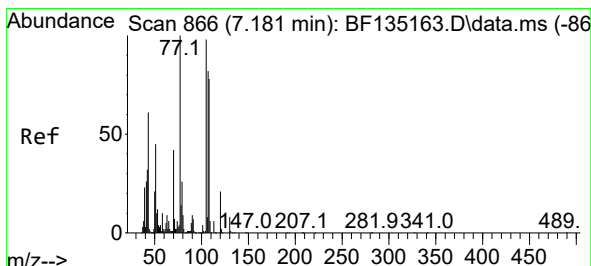
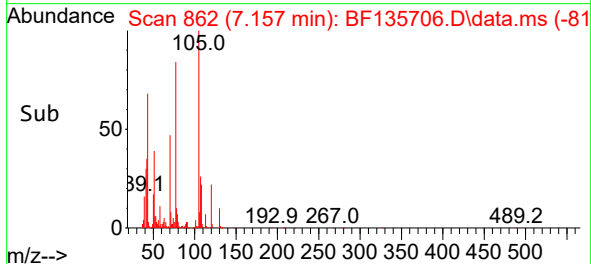
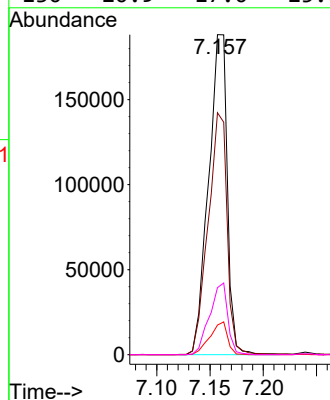
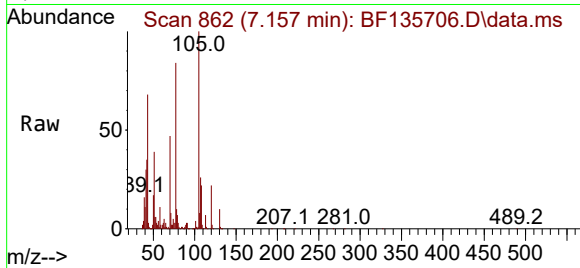
Ion Ratio Lower Upper

70 100

42 75.6 55.4 83.0

101 9.3 7.7 11.5

130 20.9 17.0 25.6



#20

3+4-Methylphenols

Concen: 50.668 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Tgt Ion:107 Resp: 343479

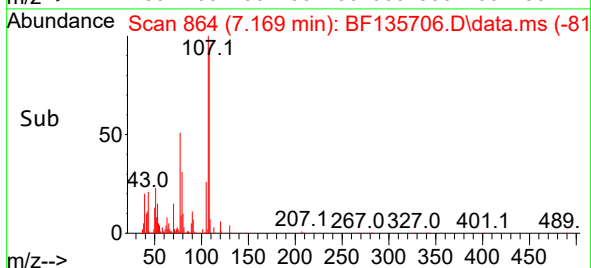
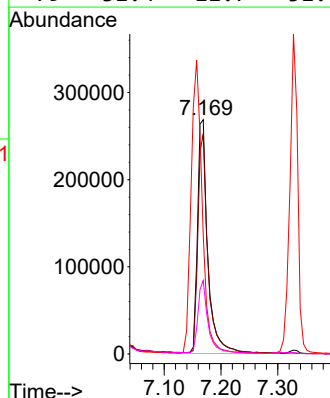
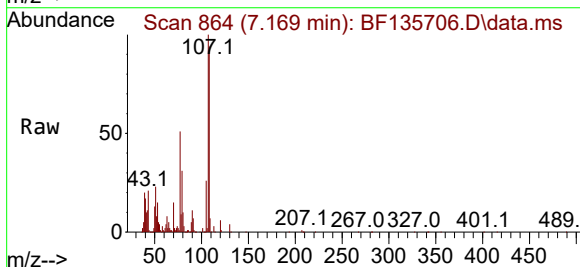
Ion Ratio Lower Upper

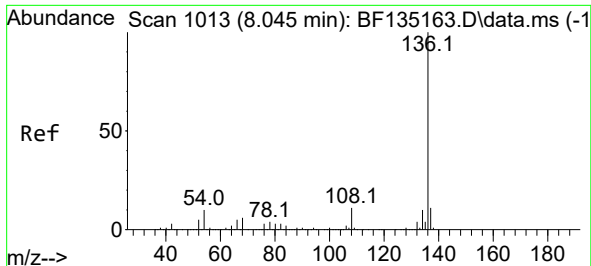
107 100

108 93.8 74.7 114.7

77 50.8 102.0 142.0#

79 31.4 11.7 51.7

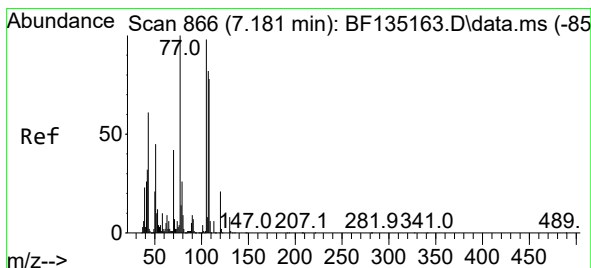
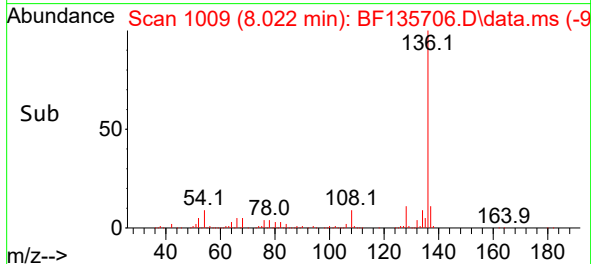
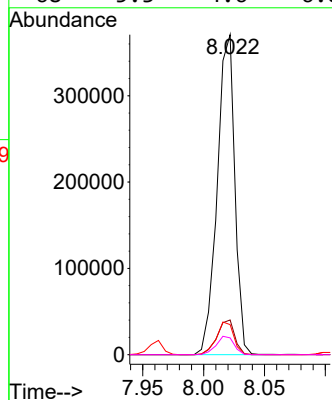
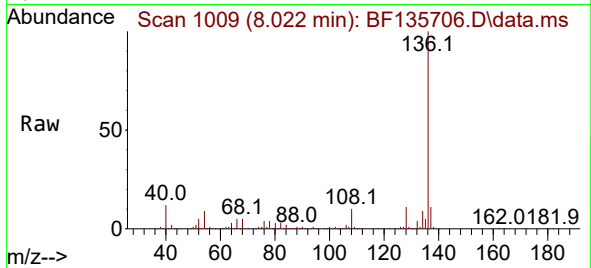




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

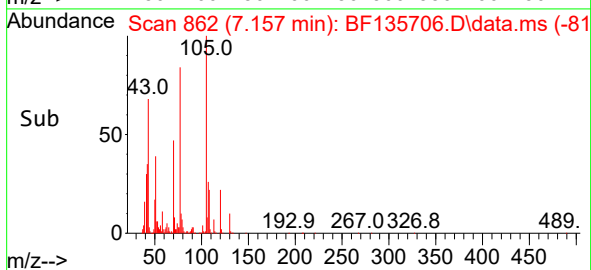
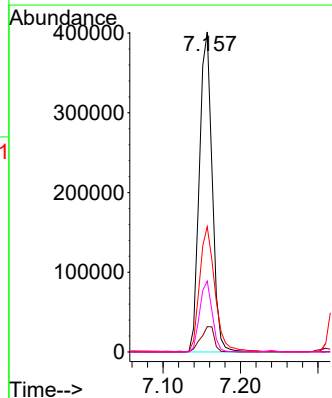
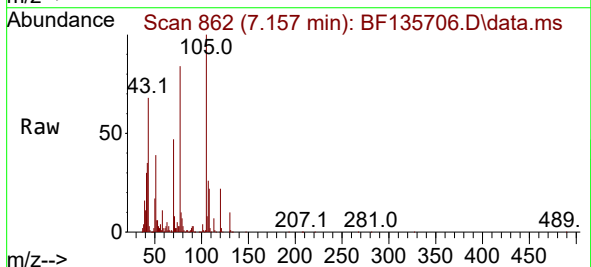
Instrument :
BNA_F
ClientSampleId :
PB156189BS

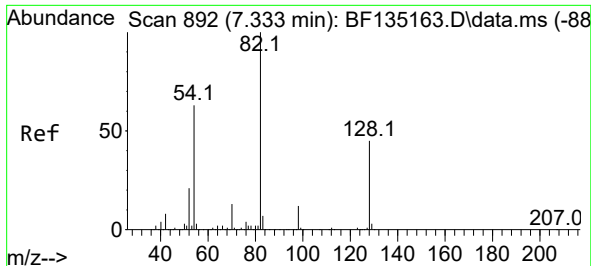
Tgt Ion:136 Resp: 373555
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.7 11.5
68 5.3 4.6 6.8



#22
Acetophenone
Concen: 53.968 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:105 Resp: 460907
Ion Ratio Lower Upper
105 100
71 7.9 5.8 8.6
51 39.1 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 98.105 ng

RT: 7.310 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

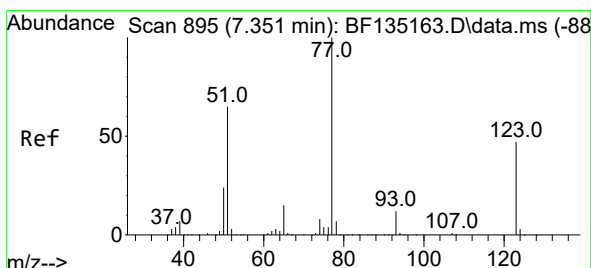
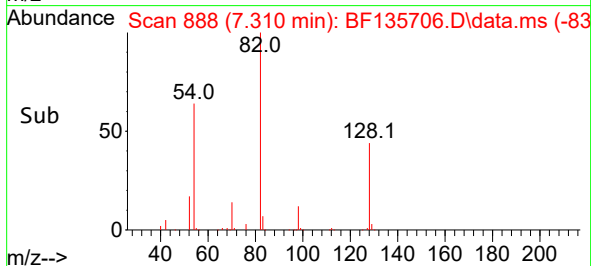
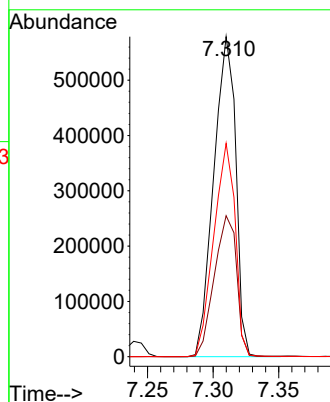
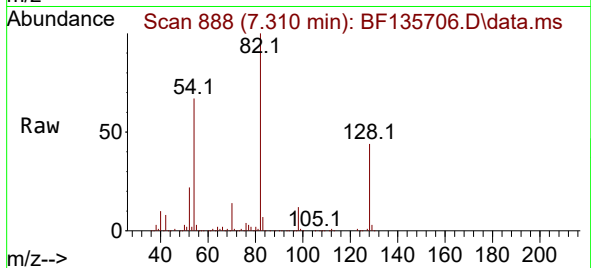
Tgt Ion: 82 Resp: 674548

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 66.7 50.6 76.0



#24

Nitrobenzene

Concen: 51.842 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

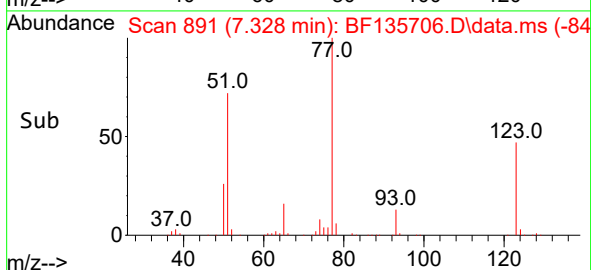
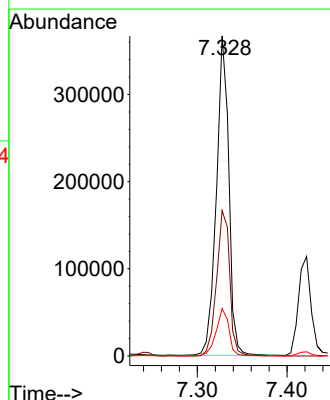
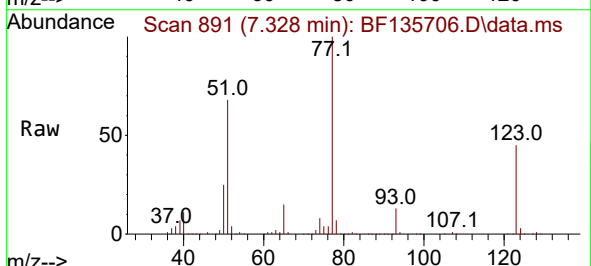
Tgt Ion: 77 Resp: 352313

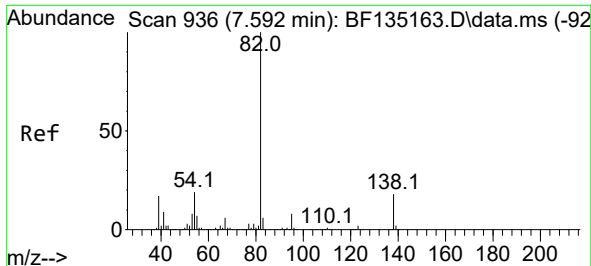
Ion Ratio Lower Upper

77 100

123 45.5 37.6 56.4

65 14.8 12.2 18.4

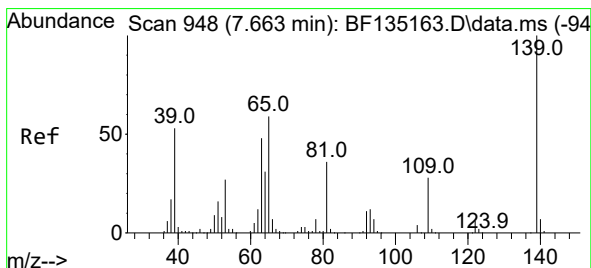
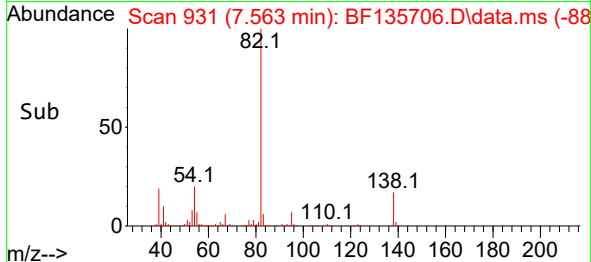
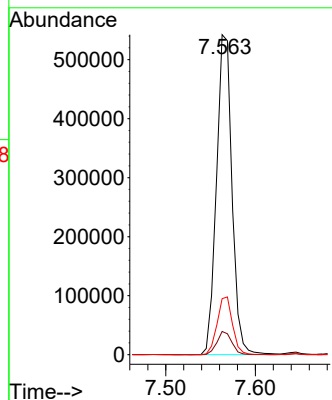
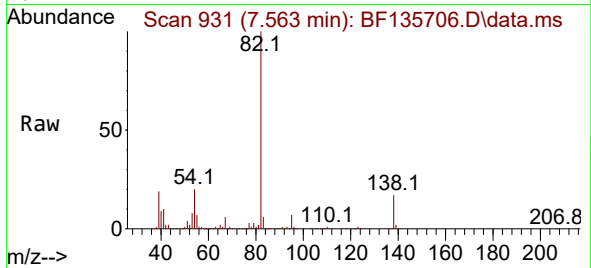




#25
Isophorone
Concen: 51.689 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

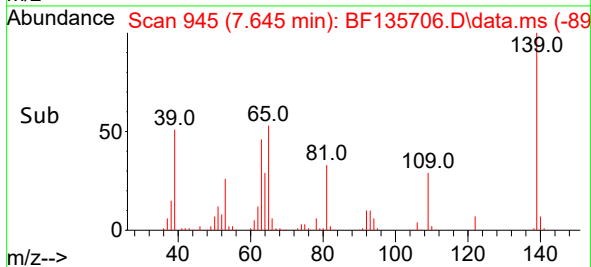
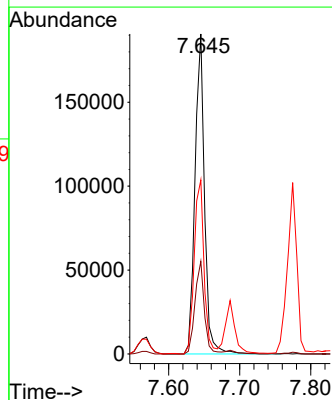
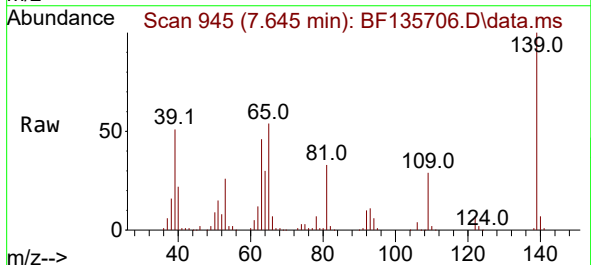
Instrument :
BNA_F
ClientSampleId :
PB156189BS

Tgt Ion: 82 Resp: 652606
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 54.763 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:139 Resp: 178620
Ion Ratio Lower Upper
139 100
109 28.9 22.6 33.8
65 54.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.570 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135706.D

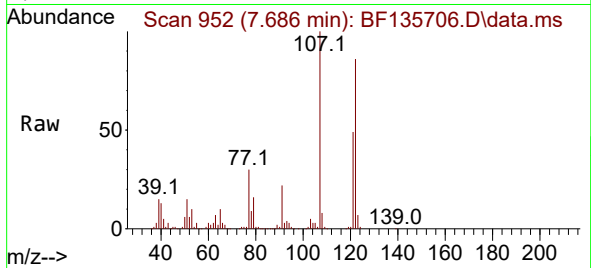
Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS



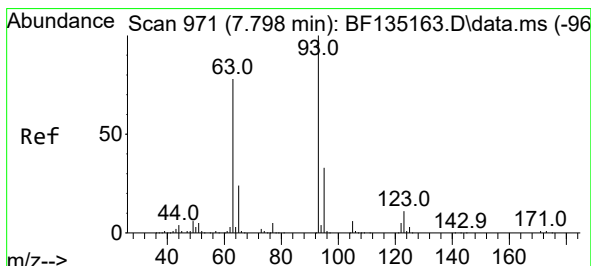
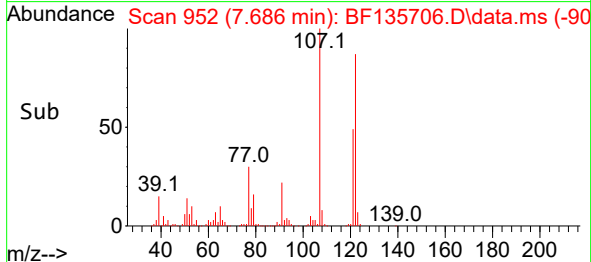
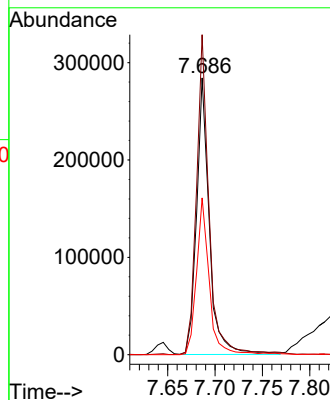
Tgt Ion:122 Resp: 266287

Ion Ratio Lower Upper

122 100

107 115.6 90.2 135.4

121 56.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 52.983 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

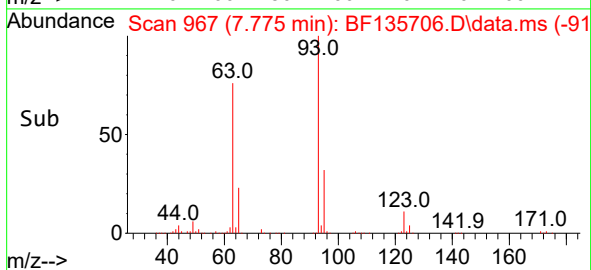
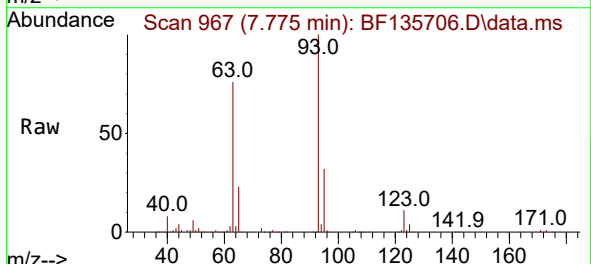
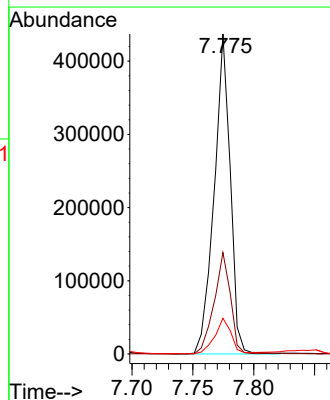
Tgt Ion: 93 Resp: 400387

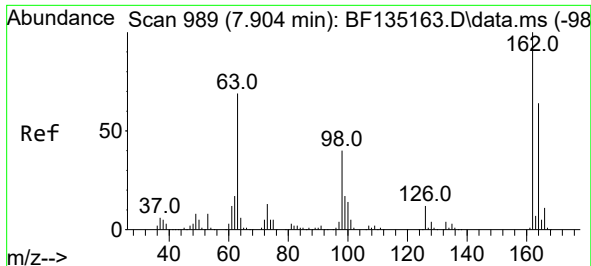
Ion Ratio Lower Upper

93 100

95 31.7 26.2 39.2

123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 54.989 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

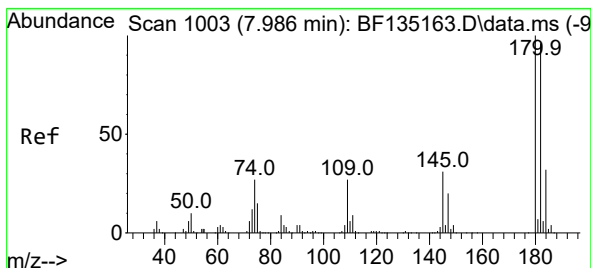
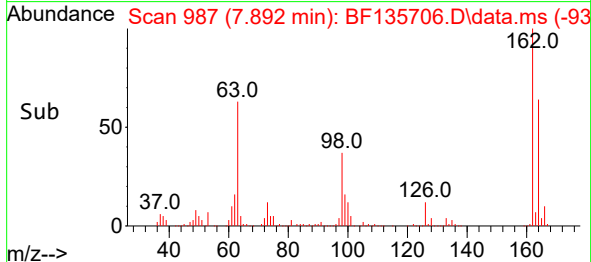
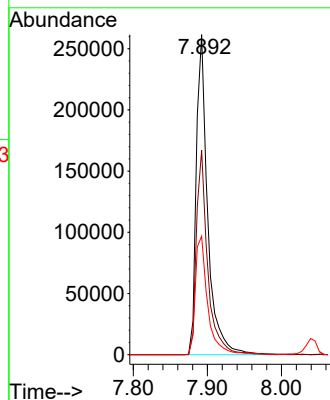
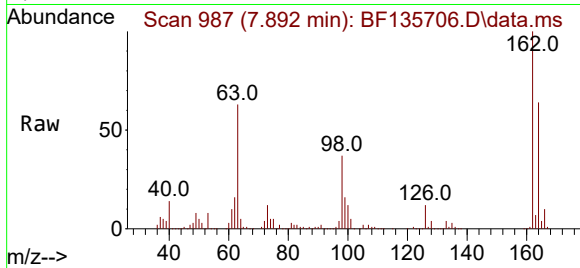
Tgt Ion:162 Resp: 279355

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

98 37.0 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 54.656 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

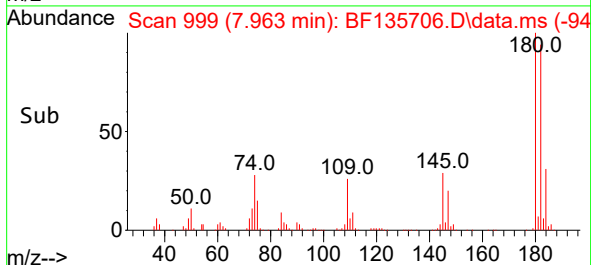
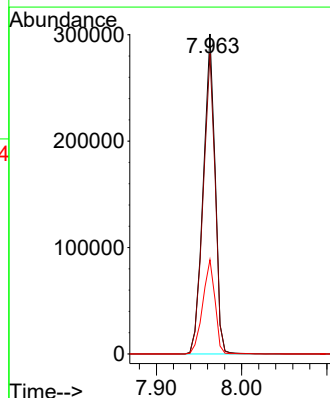
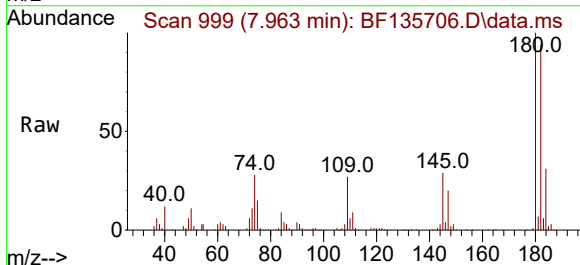
Tgt Ion:180 Resp: 290223

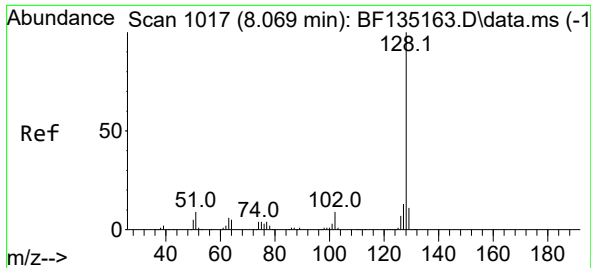
Ion Ratio Lower Upper

180 100

182 93.9 76.9 115.3

145 29.4 24.5 36.7

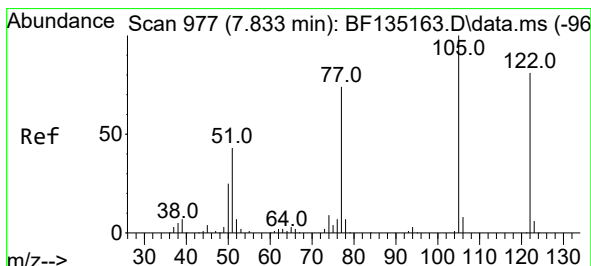
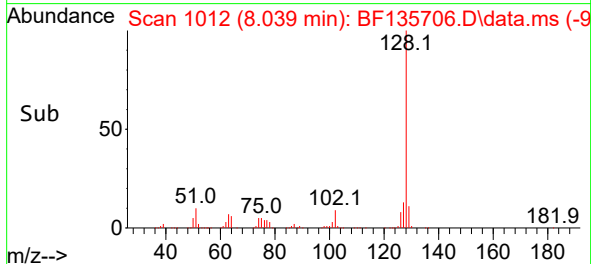
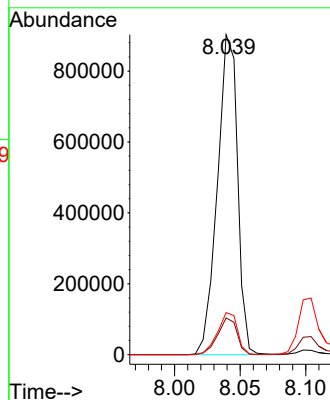
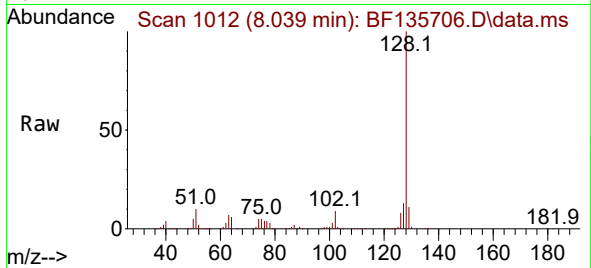




#31
Naphthalene
Concen: 53.172 ng
RT: 8.039 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

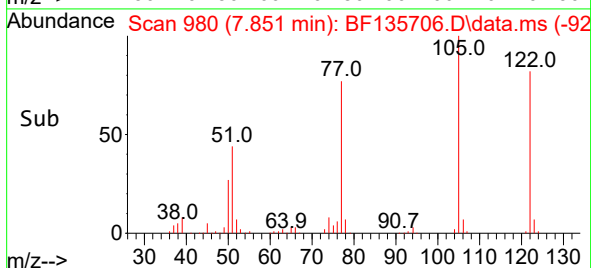
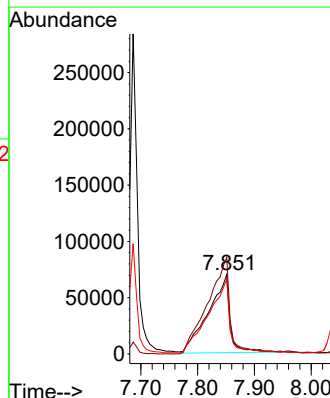
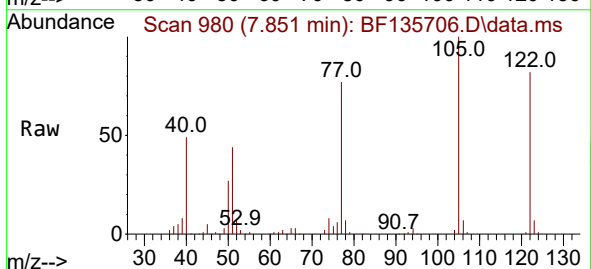
Instrument :
BNA_F
ClientSampleId :
PB156189BS

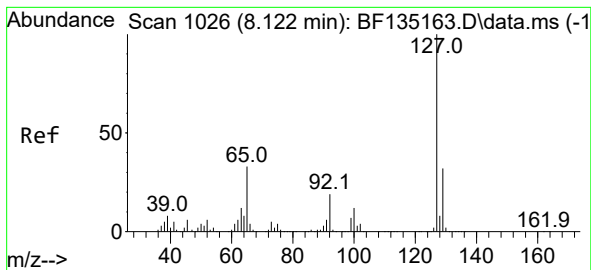
Tgt Ion:128 Resp: 965069
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 44.337 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:122 Resp: 183038
Ion Ratio Lower Upper
122 100
105 121.7 99.9 139.9
77 93.9 70.0 110.0





#33

4-Chloroaniline

Concen: 26.140 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

Tgt Ion:127 Resp: 208153

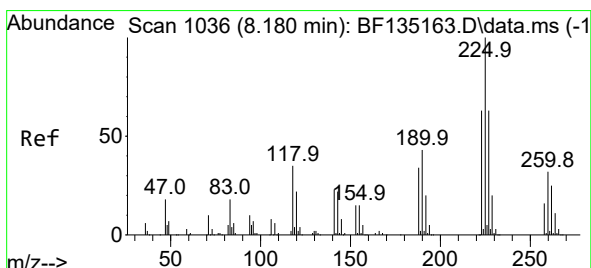
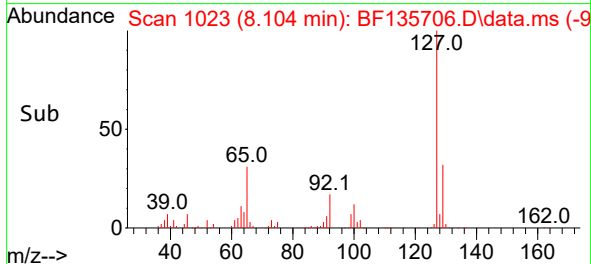
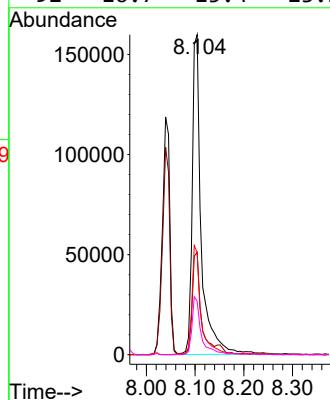
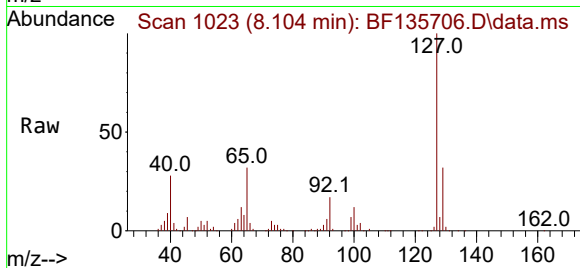
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 31.9 26.6 39.8

92 16.7 15.4 23.2



#34

Hexachlorobutadiene

Concen: 54.626 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

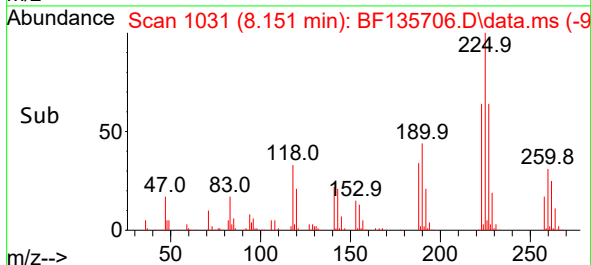
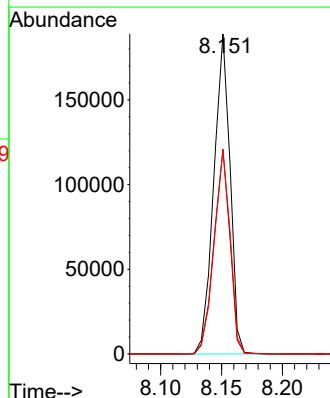
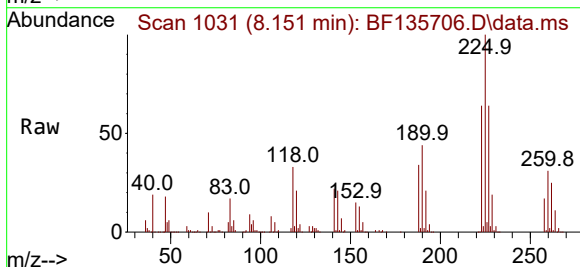
Tgt Ion:225 Resp: 174902

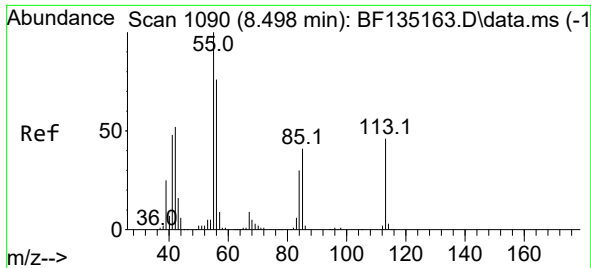
Ion Ratio Lower Upper

225 100

223 63.9 50.6 75.8

227 63.9 50.8 76.2

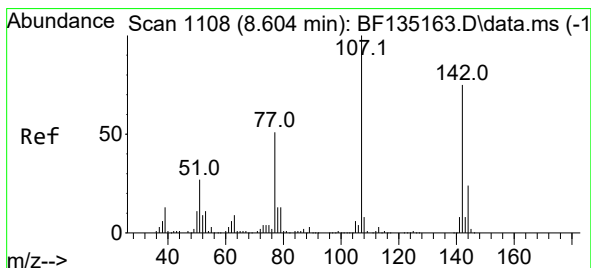
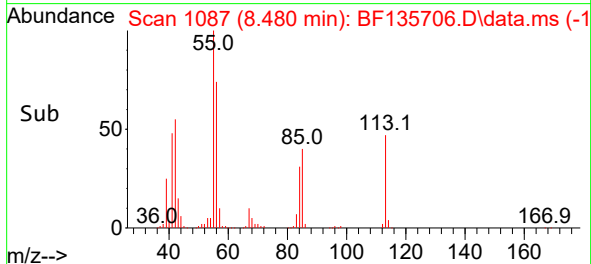
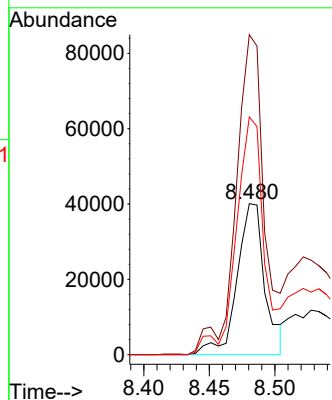
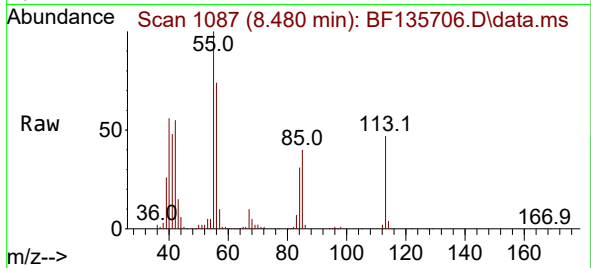




#35
Caprolactam
Concen: 34.638 ng
RT: 8.480 min Scan# 1090
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

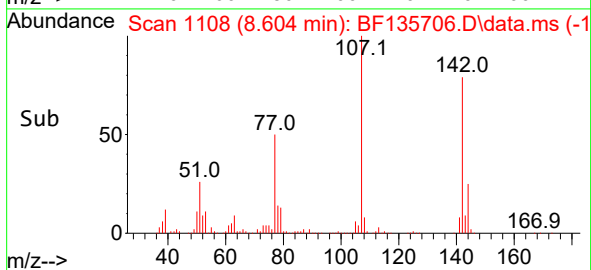
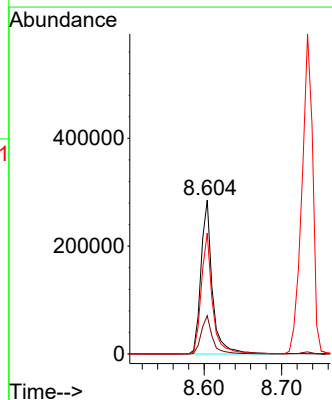
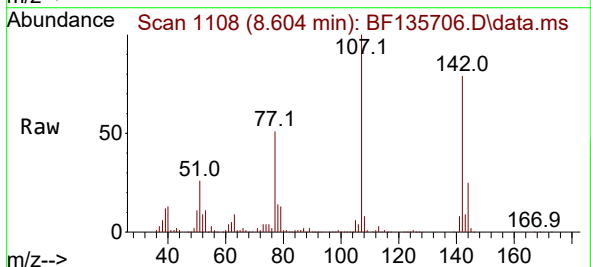
Instrument :
BNA_F
ClientSampleId :
PB156189BS

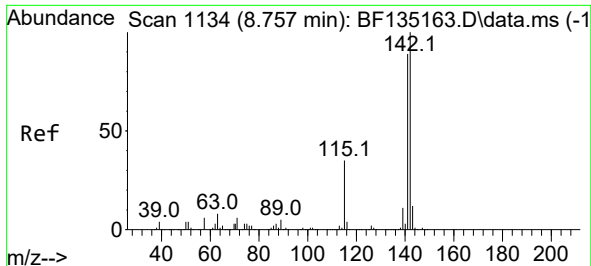
Tgt Ion:113 Resp: 59057
Ion Ratio Lower Upper
113 100
55 211.8 199.3 239.3
56 157.4 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 51.507 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.012 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:107 Resp: 290820
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.4
142 78.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 47.505 ng

RT: 8.733 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

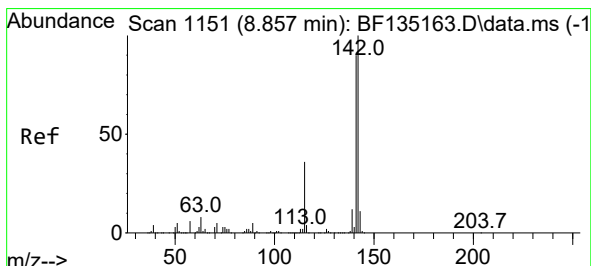
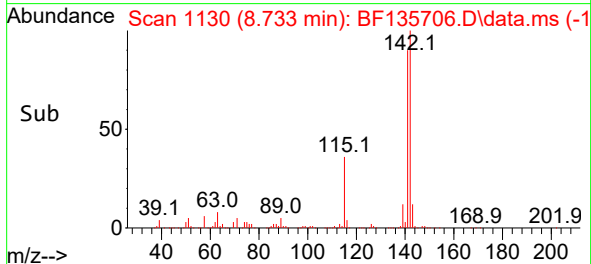
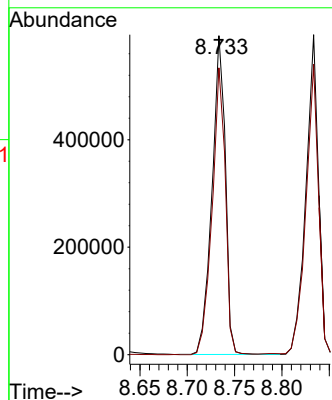
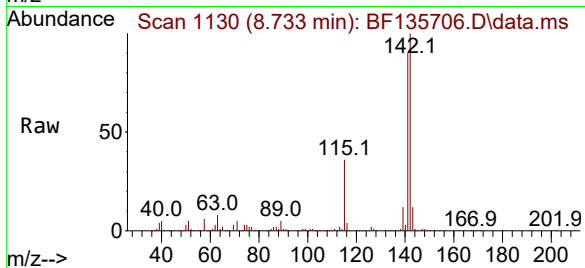
PB156189BS

Tgt Ion:142 Resp: 579576

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 48.423 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF135706.D

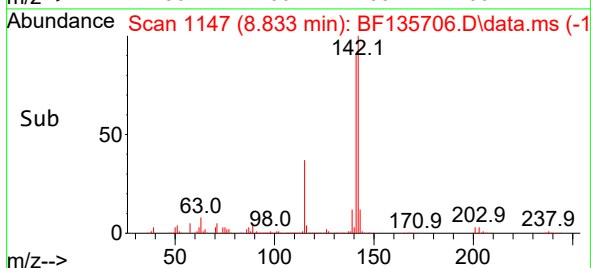
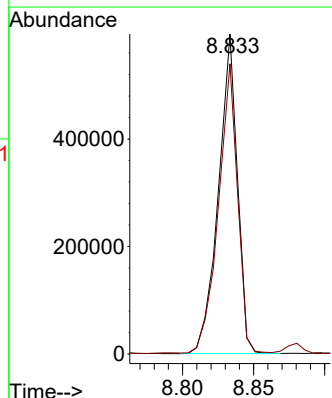
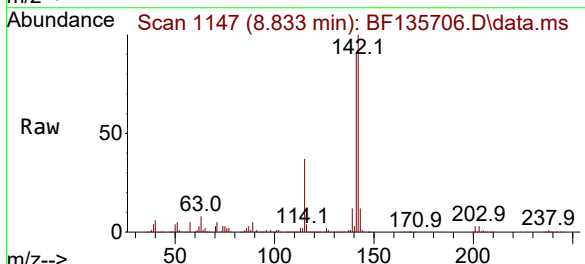
Acq: 11 Oct 2023 11:33

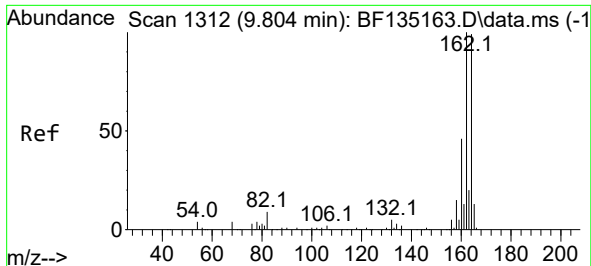
Tgt Ion:142 Resp: 553104

Ion Ratio Lower Upper

142 100

141 90.7 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

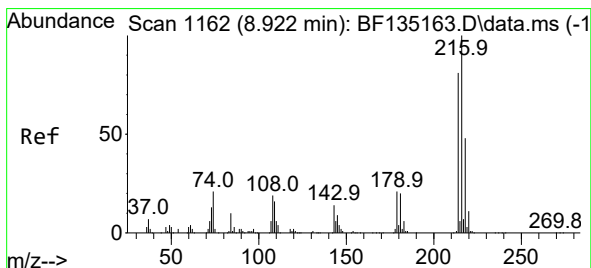
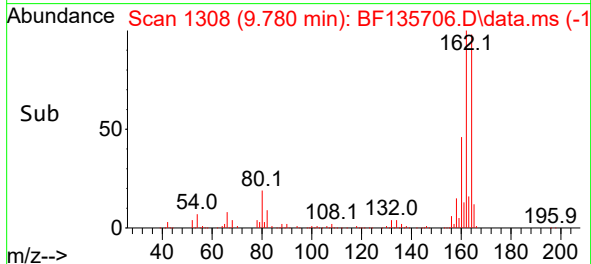
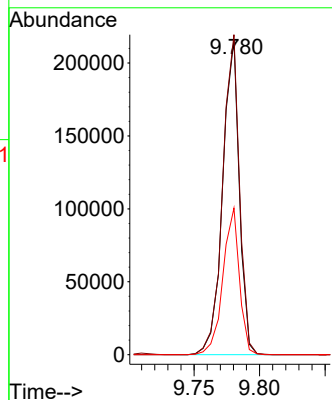
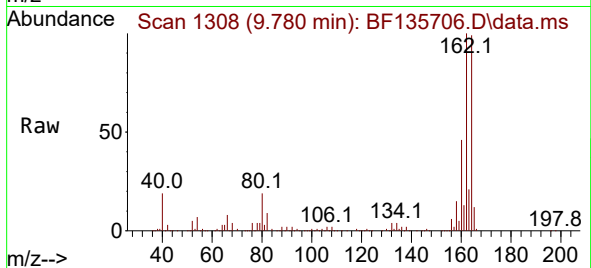
Tgt Ion:164 Resp: 190099

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

160 46.4 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.200 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Tgt Ion:216 Resp: 287481

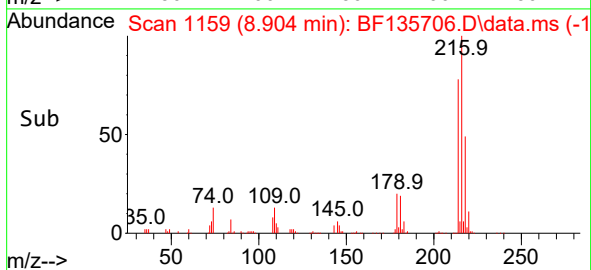
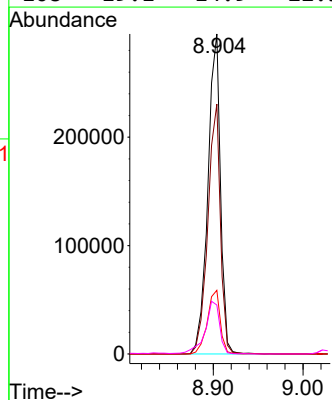
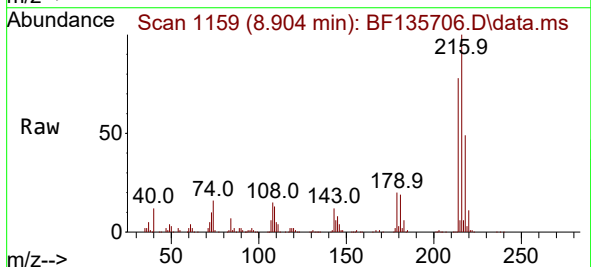
Ion Ratio Lower Upper

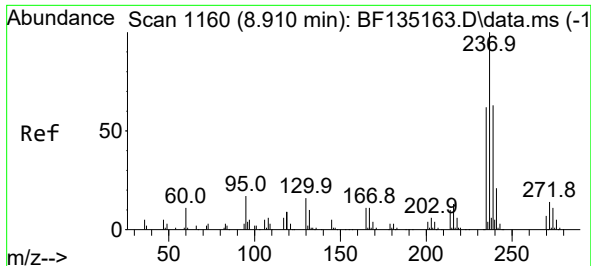
216 100

214 78.1 63.7 95.5

179 20.4 16.7 25.1

108 19.1 14.9 22.3

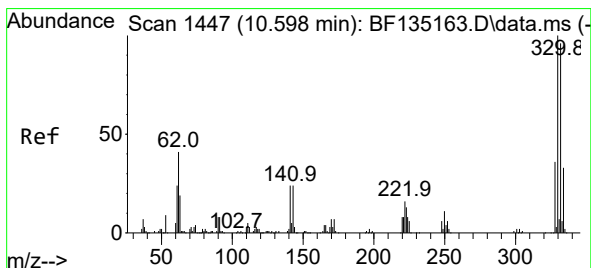
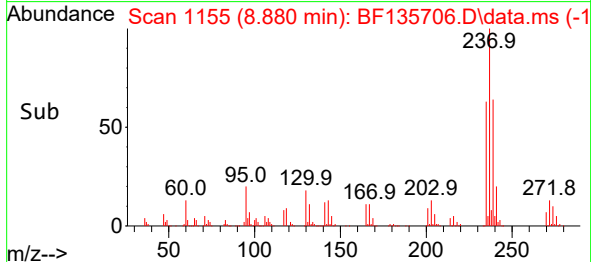
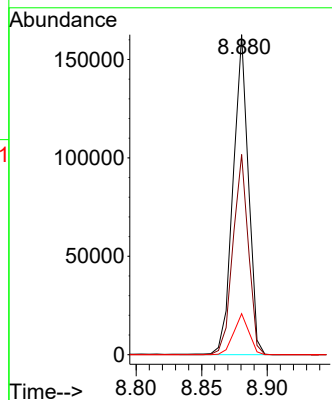
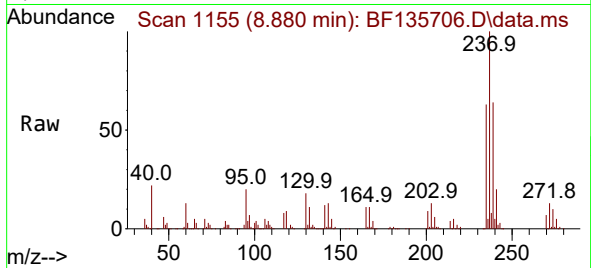




#41
Hexachlorocyclopentadiene
Concen: 56.803 ng
RT: 8.880 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

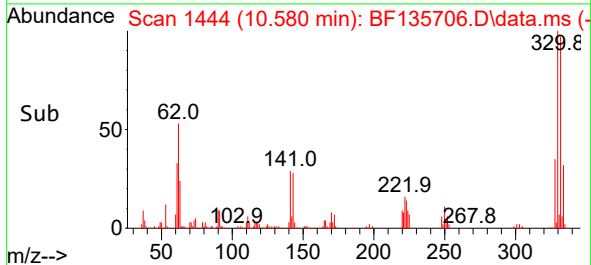
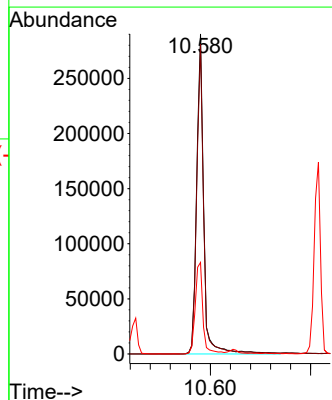
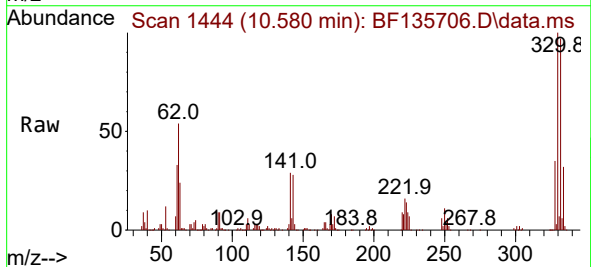
Instrument :
BNA_F
ClientSampleId :
PB156189BS

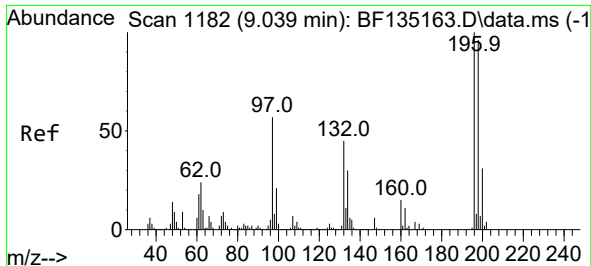
Tgt Ion:237 Resp: 132120
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 12.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 149.435 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:330 Resp: 282302
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 31.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.834 ng

RT: 9.027 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

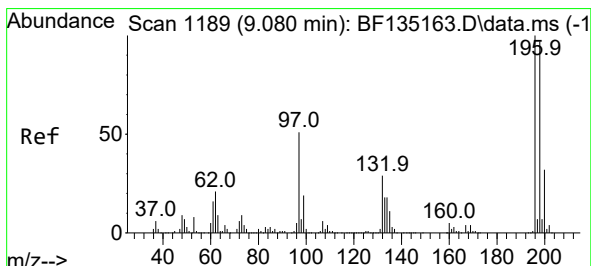
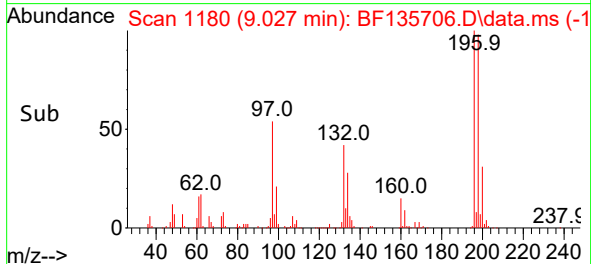
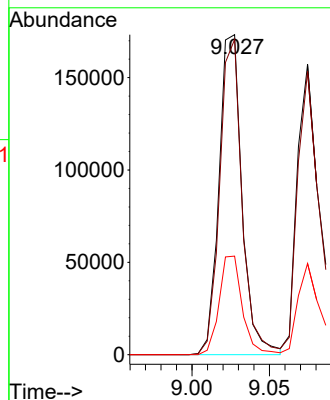
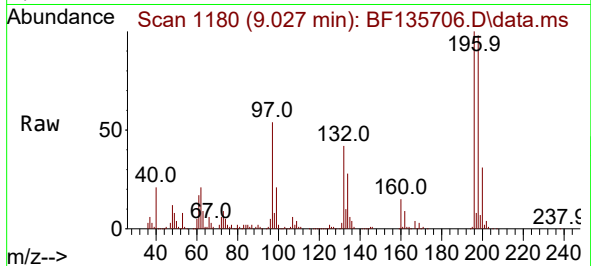
Tgt Ion:196 Resp: 179697

Ion Ratio Lower Upper

196 100

198 98.5 77.0 115.6

200 30.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.576 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Tgt Ion:196 Resp: 189258

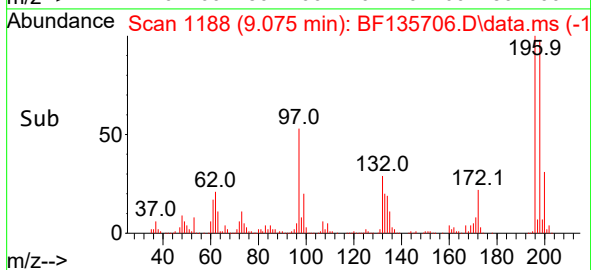
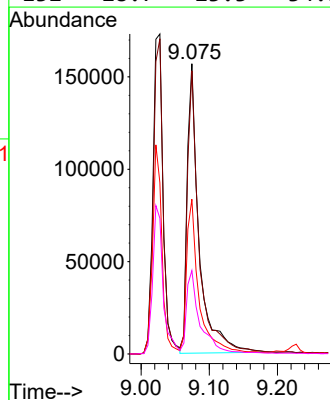
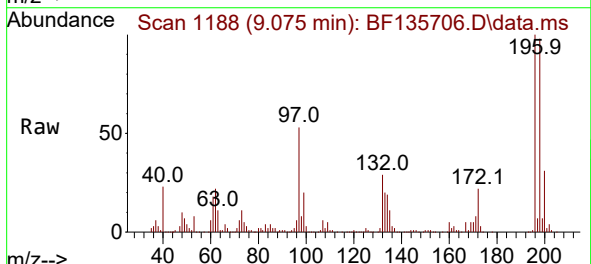
Ion Ratio Lower Upper

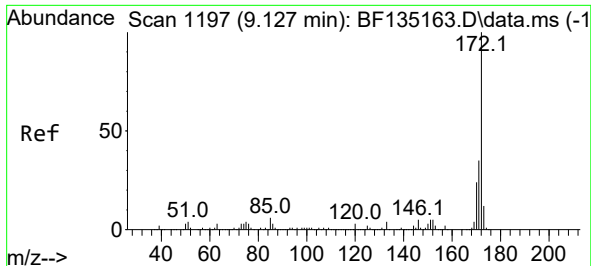
196 100

198 97.6 77.5 116.3

97 53.3 40.5 60.7

132 28.7 23.3 34.9

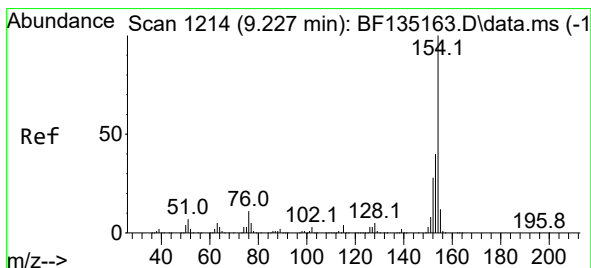
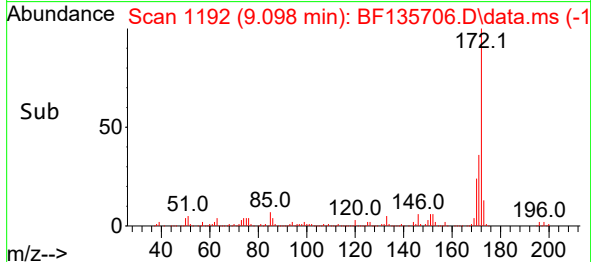
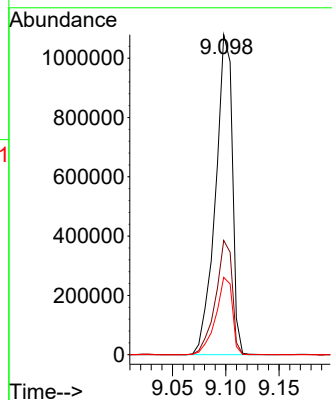
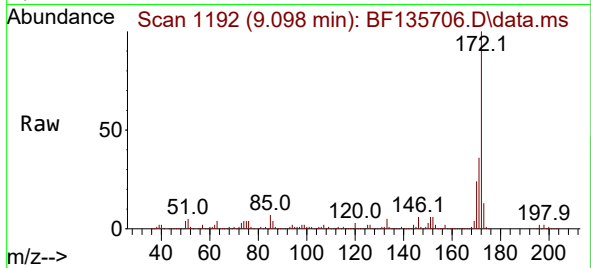




#45
2-Fluorobiphenyl
Concen: 93.889 ng
RT: 9.098 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

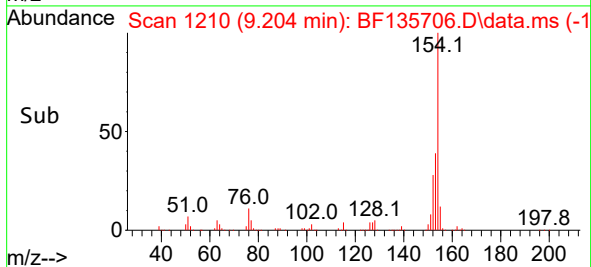
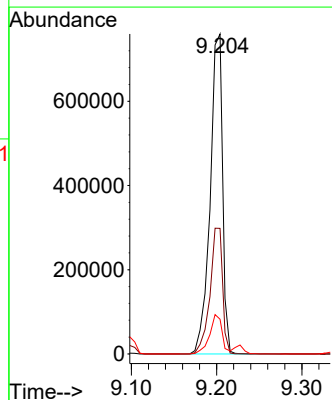
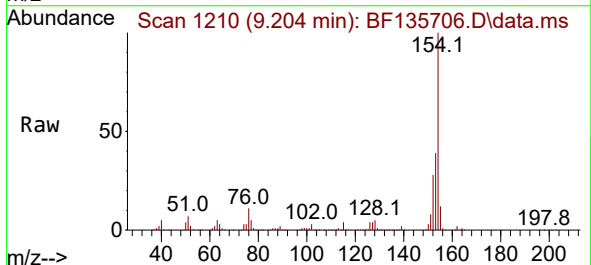
Instrument :
BNA_F
ClientSampleId :
PB156189BS

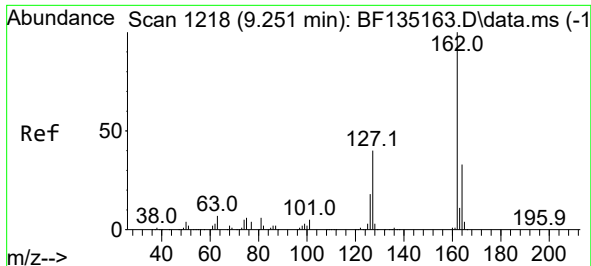
Tgt Ion:172 Resp: 1183001
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.825 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:154 Resp: 771714
Ion Ratio Lower Upper
154 100
153 39.2 19.6 59.6
76 10.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.799 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

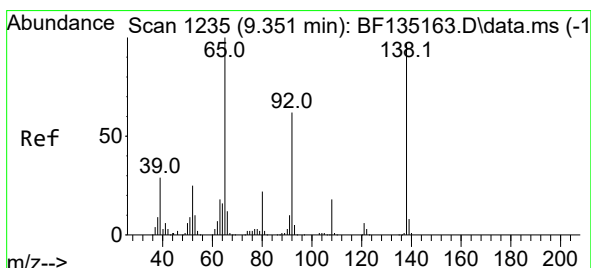
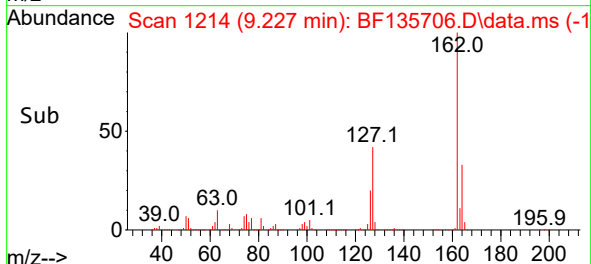
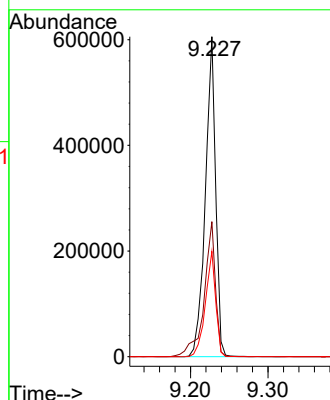
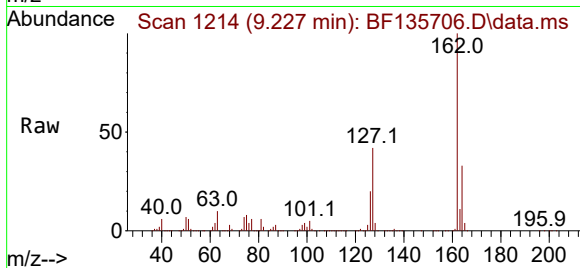
Tgt Ion:162 Resp: 559650

Ion Ratio Lower Upper

162 100

127 42.2 32.6 48.8

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 52.645 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

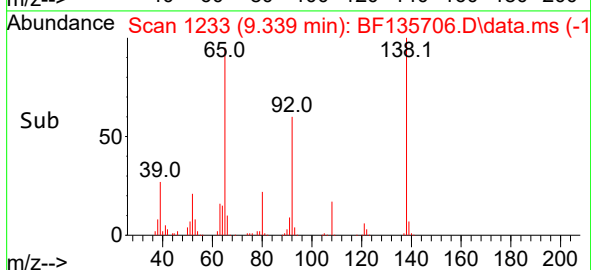
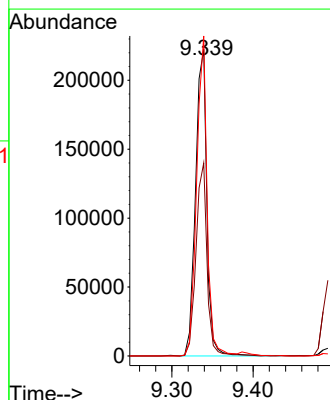
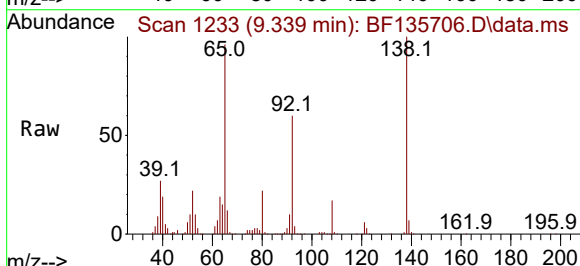
Tgt Ion: 65 Resp: 216785

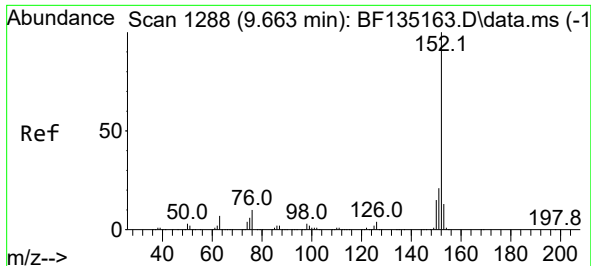
Ion Ratio Lower Upper

65 100

92 63.0 49.4 74.0

138 104.4 77.4 116.0

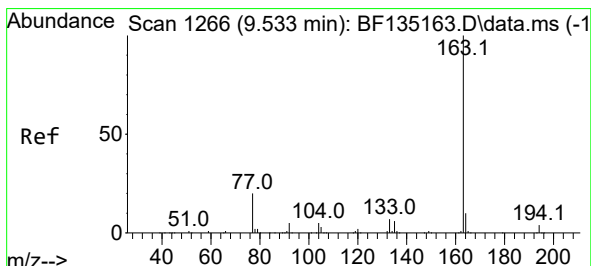
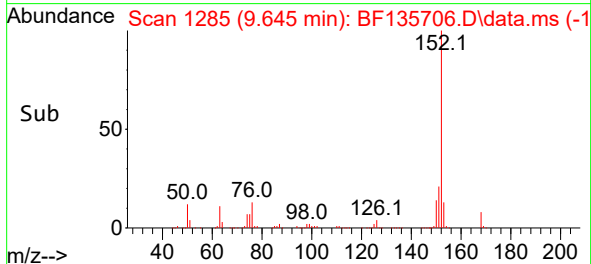
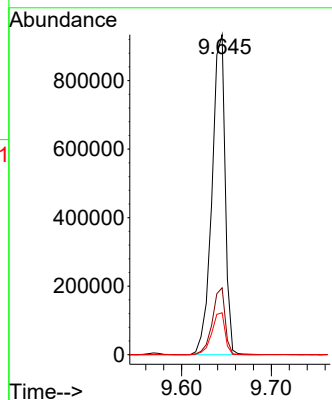
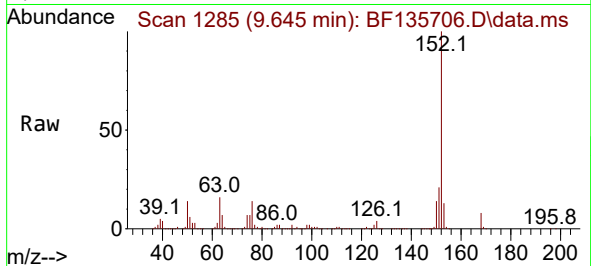




#49
Acenaphthylene
Concen: 54.153 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

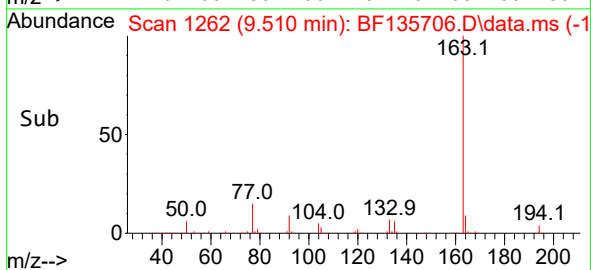
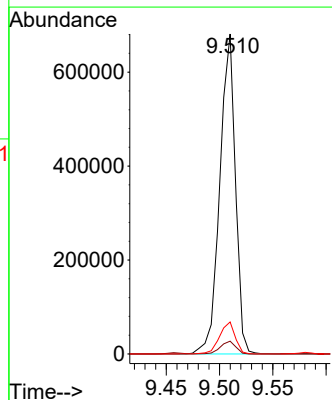
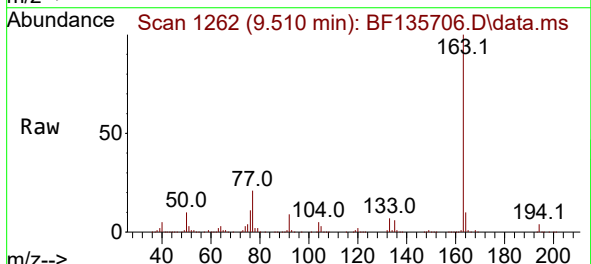
Instrument :
BNA_F
ClientSampleId :
PB156189BS

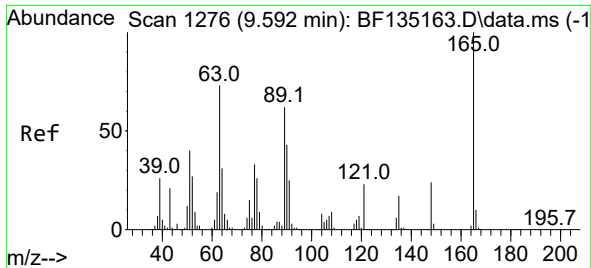
Tgt Ion:152 Resp: 953939
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 53.866 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:163 Resp: 692317
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.1 12.1

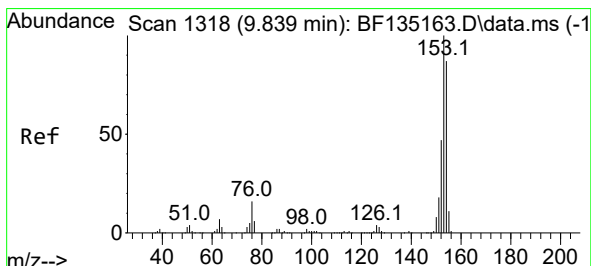
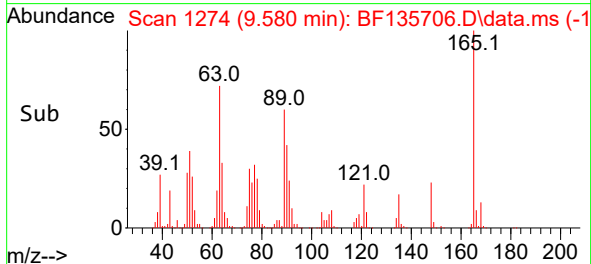
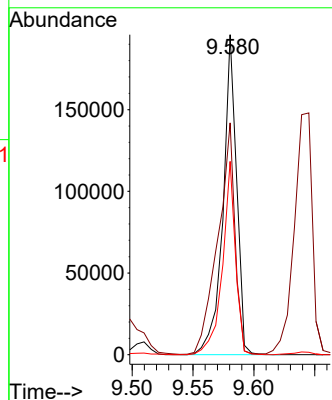
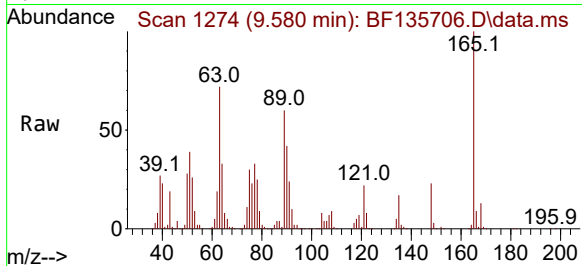




#51
2,6-Dinitrotoluene
Concen: 54.102 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

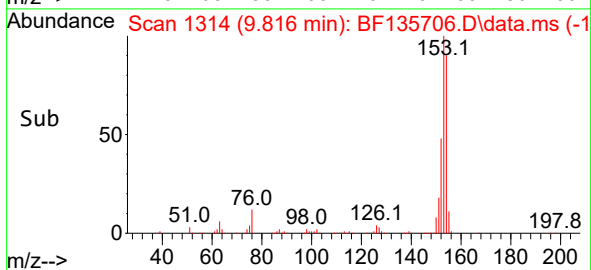
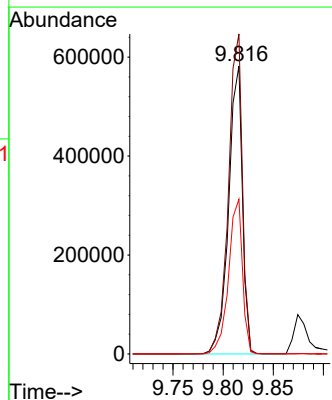
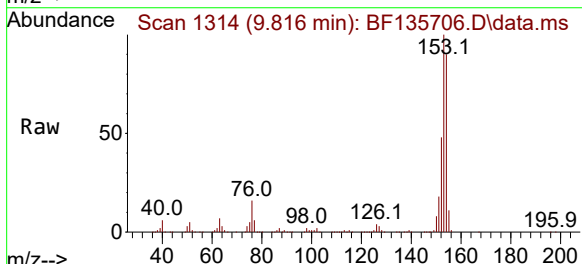
Instrument :
BNA_F
ClientSampleId :
PB156189BS

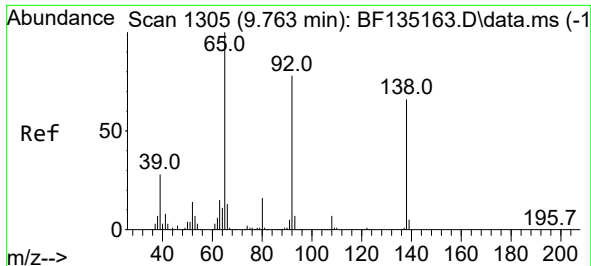
Tgt Ion:165 Resp: 152328
Ion Ratio Lower Upper
165 100
63 72.5 59.4 89.2
89 60.4 49.8 74.8



#52
Acenaphthene
Concen: 53.522 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:154 Resp: 556967
Ion Ratio Lower Upper
154 100
153 111.1 92.1 138.1
152 53.7 43.1 64.7

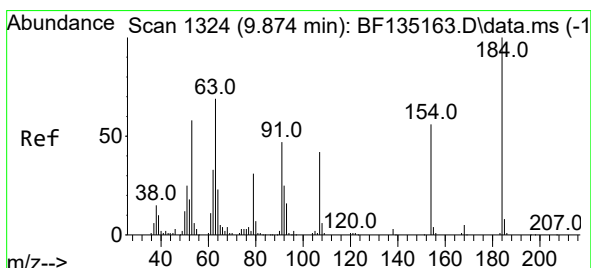
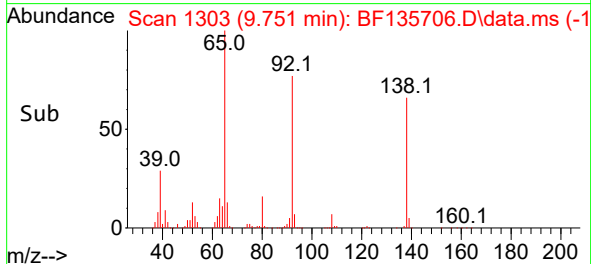
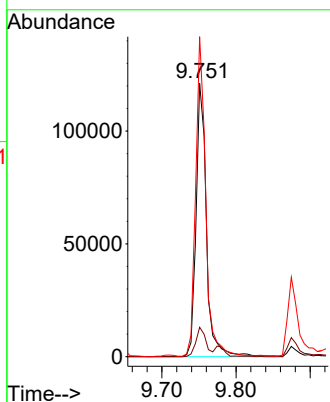
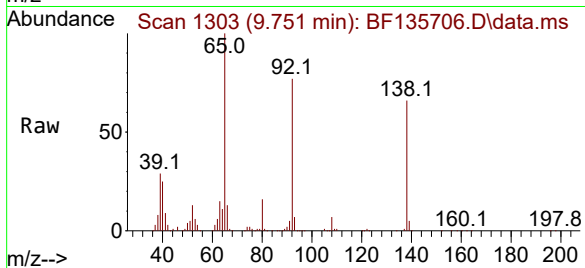




#53
3-Nitroaniline
Concen: 35.353 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

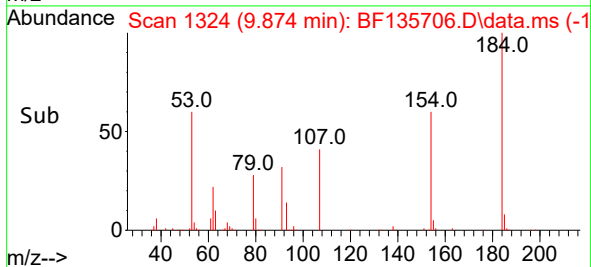
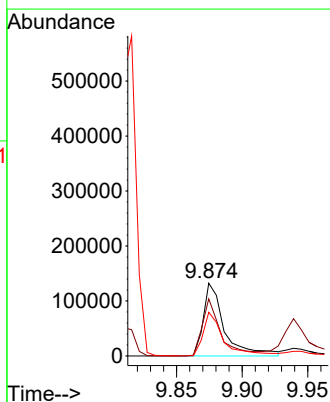
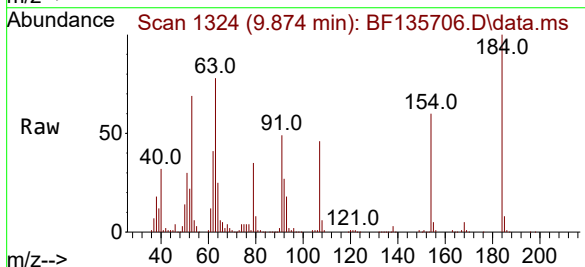
Instrument :
BNA_F
ClientSampleId :
PB156189BS

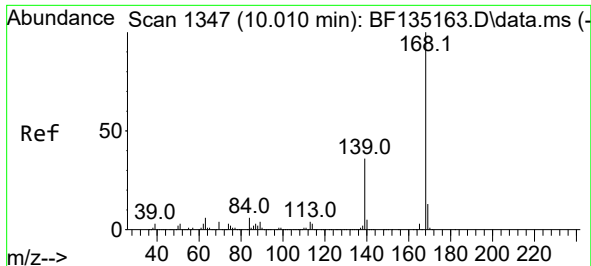
Tgt Ion:138 Resp: 116844
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 117.0 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 91.584 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:184 Resp: 147956
Ion Ratio Lower Upper
184 100
63 78.5 55.1 82.7
154 60.1 48.4 72.6

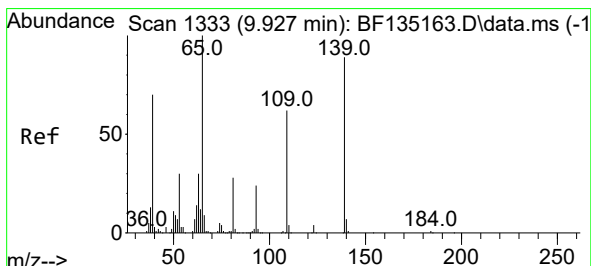
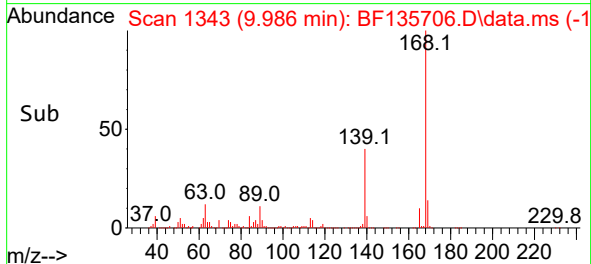
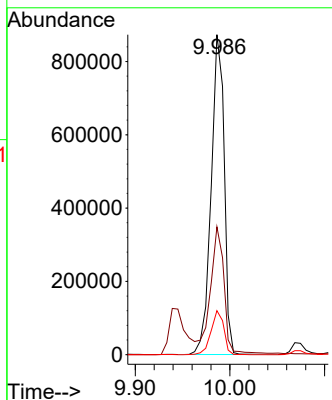
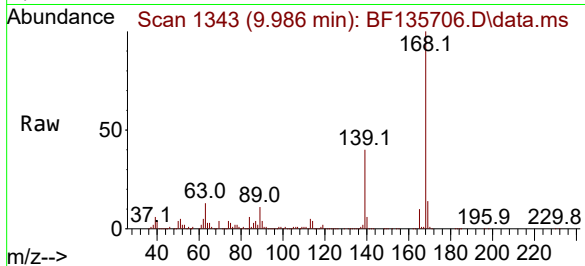




#55
Dibenzofuran
Concen: 52.452 ng
RT: 9.986 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

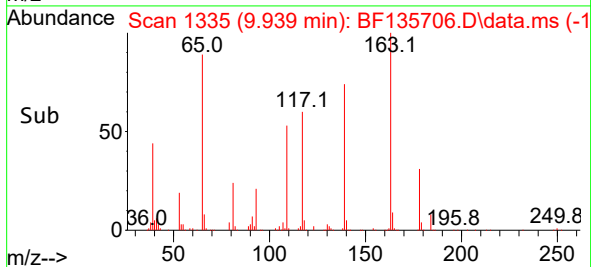
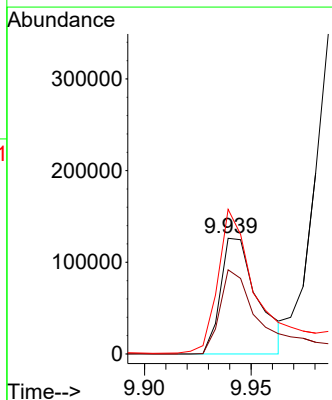
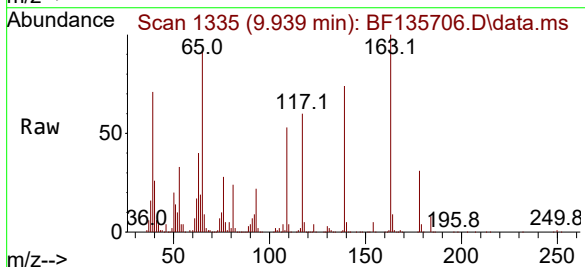
Instrument :
BNA_F
ClientSampleId :
PB156189BS

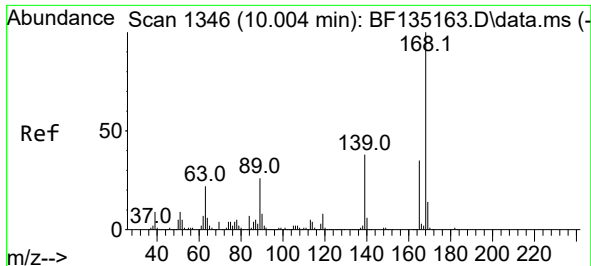
Tgt Ion:168 Resp: 832943
Ion Ratio Lower Upper
168 100
139 40.0 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 72.792 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:139 Resp: 152900
Ion Ratio Lower Upper
139 100
109 72.7 49.8 89.8
65 125.0 92.7 132.7

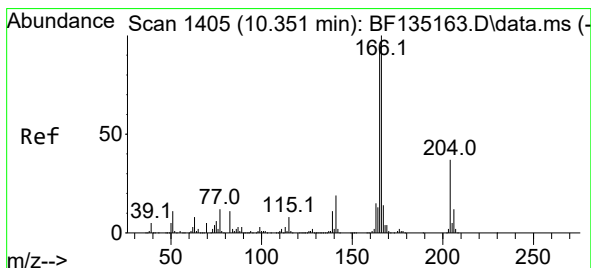
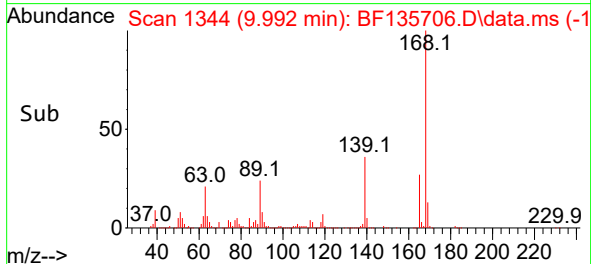
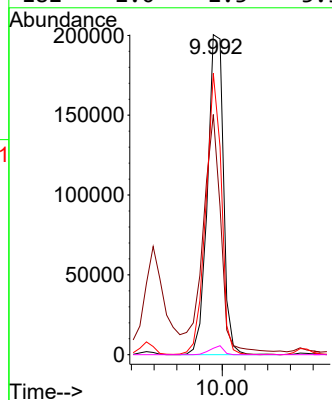
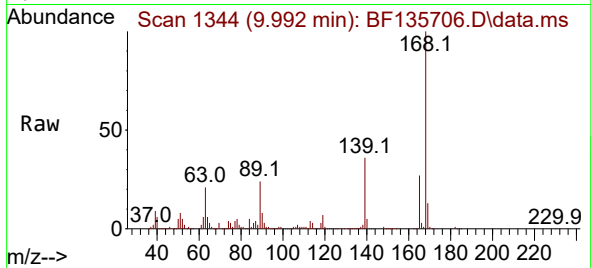




#57
2,4-Dinitrotoluene
Concen: 55.265 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

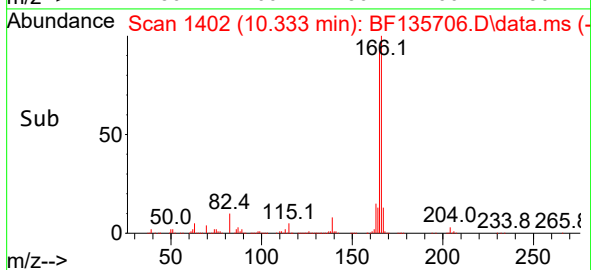
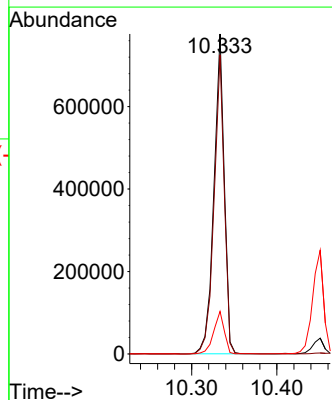
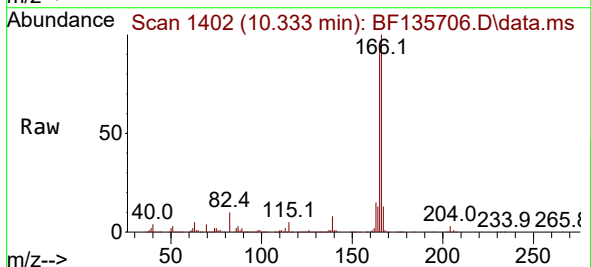
Instrument :
BNA_F
ClientSampleId :
PB156189BS

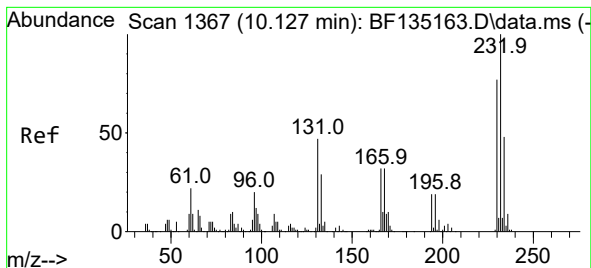
Tgt Ion:165 Resp: 194801
Ion Ratio Lower Upper
165 100
63 75.1 50.1 75.1
89 87.9 59.3 88.9
182 2.0 2.3 3.5#



#58
Fluorene
Concen: 53.900 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:166 Resp: 658010
Ion Ratio Lower Upper
166 100
165 93.5 74.3 111.5
167 13.3 10.9 16.3

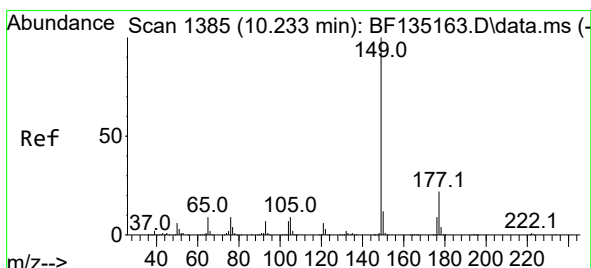
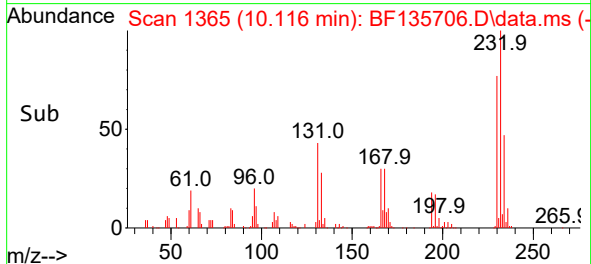
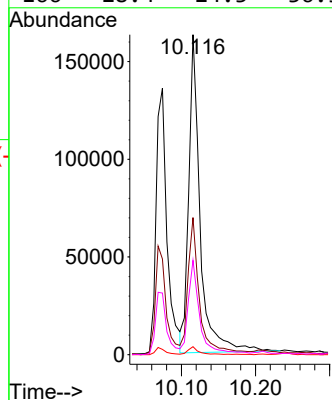
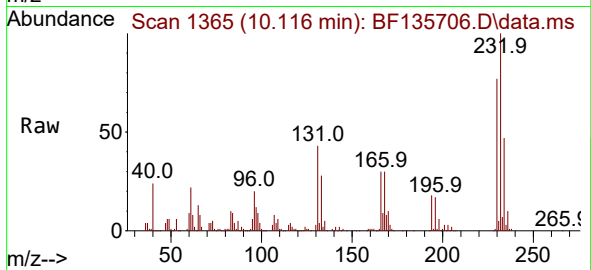




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.752 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

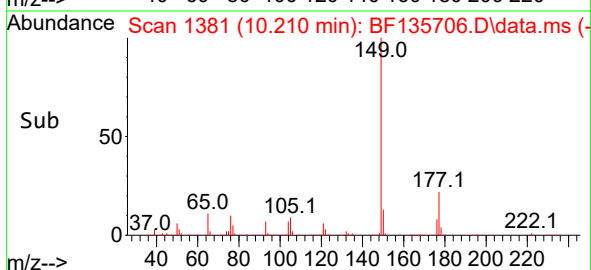
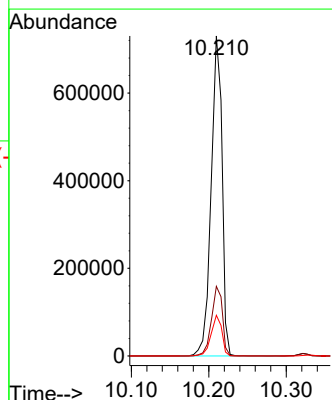
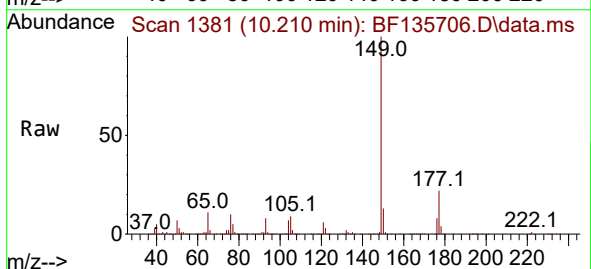
Instrument :
BNA_F
ClientSampleId :
PB156189BS

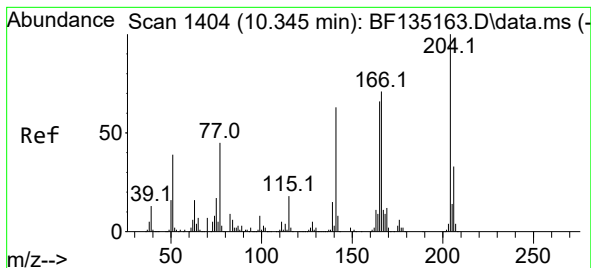
Tgt Ion:232 Resp: 174896
Ion Ratio Lower Upper
232 100
131 42.9 35.4 53.2
130 2.2 1.8 2.8
166 28.4 24.3 36.5



#60
Diethylphthalate
Concen: 55.324 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:149 Resp: 713614
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.7 10.0 15.0

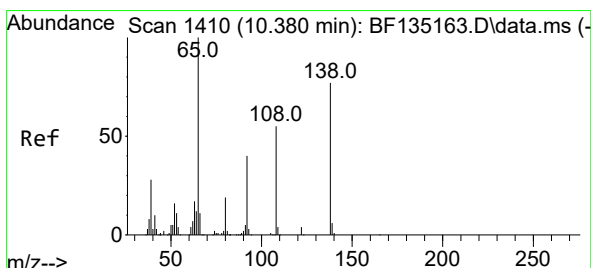
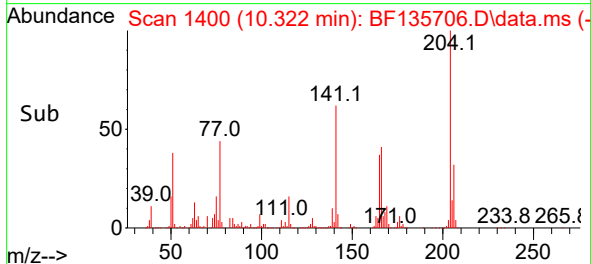
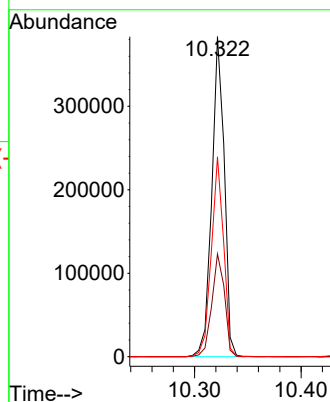
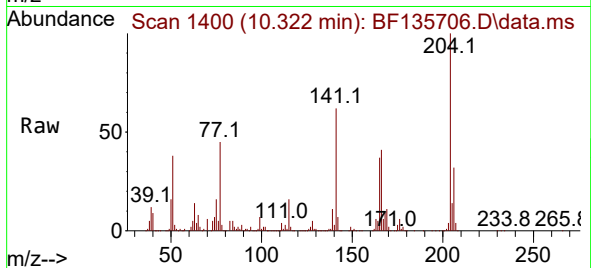




#61
4-Chlorophenyl-phenylether
Concen: 53.176 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

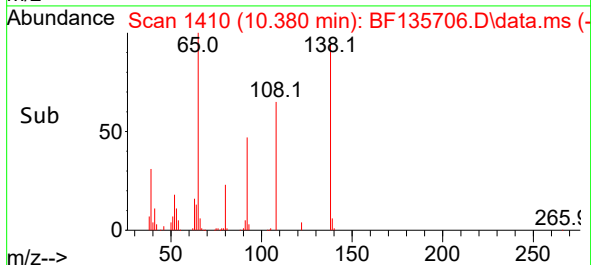
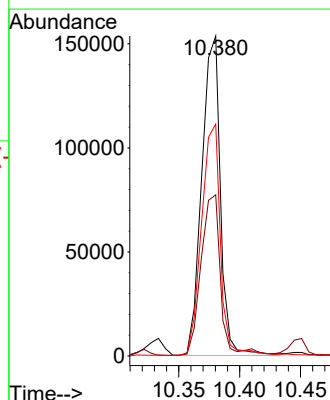
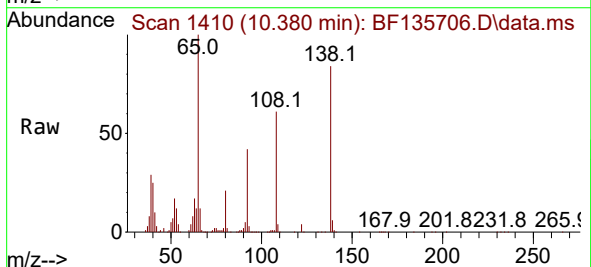
Instrument :
BNA_F
ClientSampleId :
PB156189BS

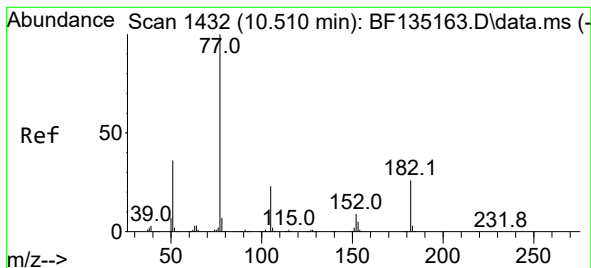
Tgt Ion:204 Resp: 311839
Ion Ratio Lower Upper
204 100
206 32.1 26.7 40.1
141 62.5 50.6 75.8



#62
4-Nitroaniline
Concen: 51.443 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:138 Resp: 163432
Ion Ratio Lower Upper
138 100
92 50.3 31.8 71.8
108 72.5 52.0 92.0





#63

Azobenzene

Concen: 54.647 ng

RT: 10.486 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

Tgt Ion: 77 Resp: 689860

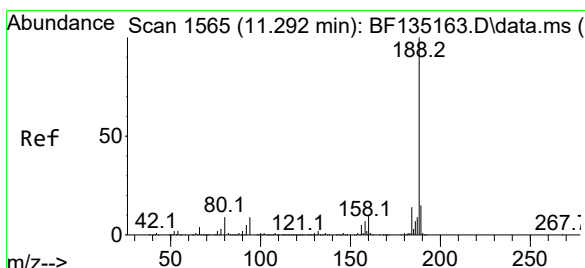
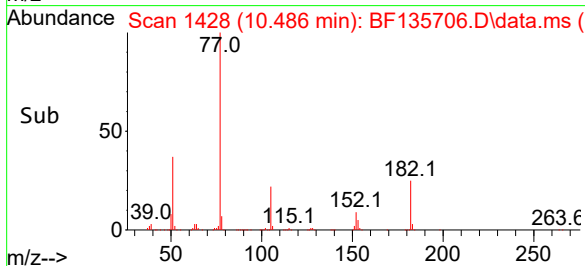
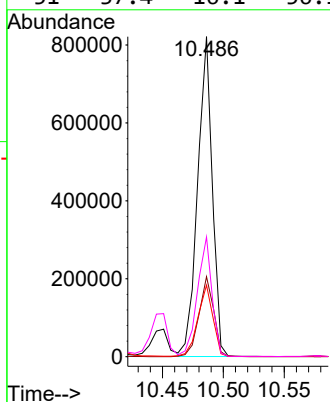
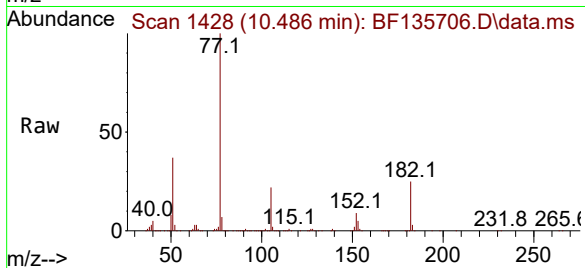
Ion Ratio Lower Upper

77 100

182 25.0 6.4 46.4

105 22.3 3.1 43.1

51 37.4 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

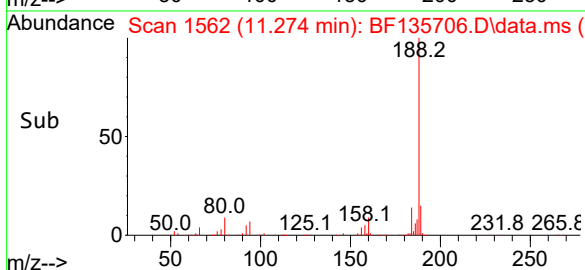
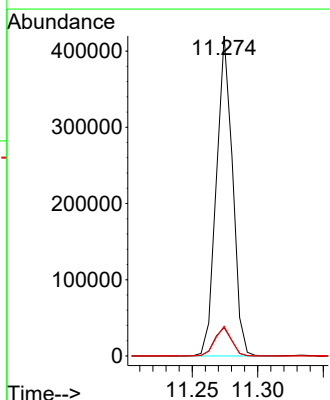
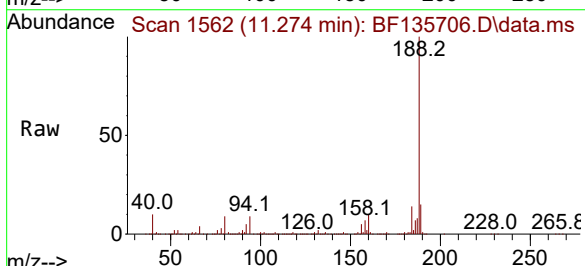
Tgt Ion: 188 Resp: 359878

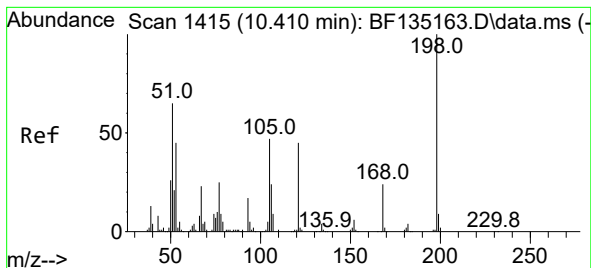
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.3 7.5 11.3

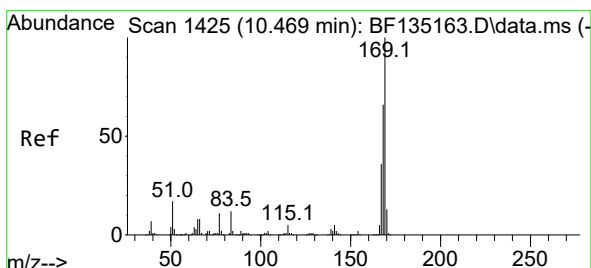
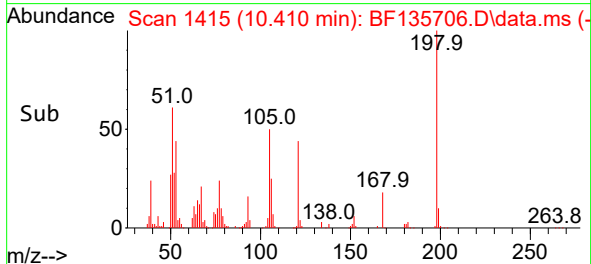
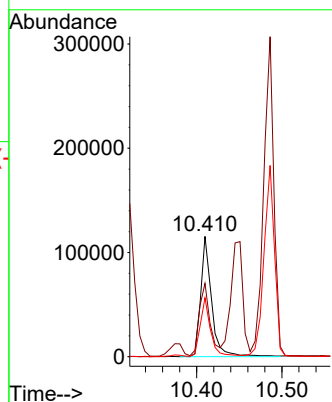
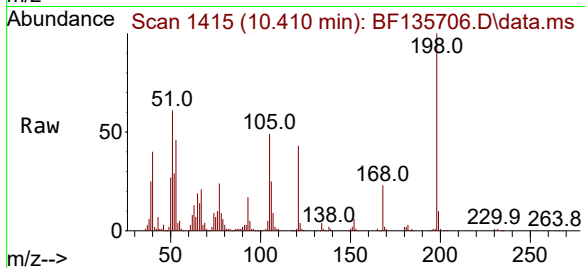




#65
4,6-Dinitro-2-methylphenol
Concen: 53.671 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

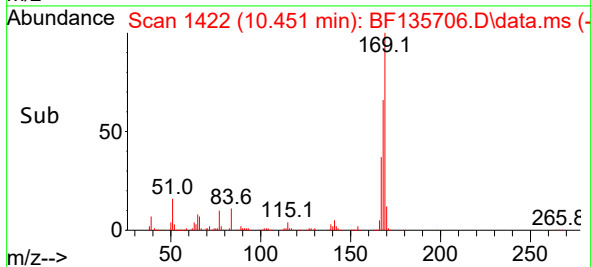
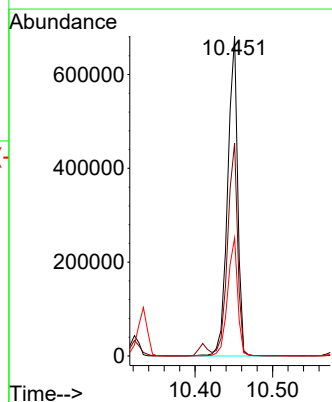
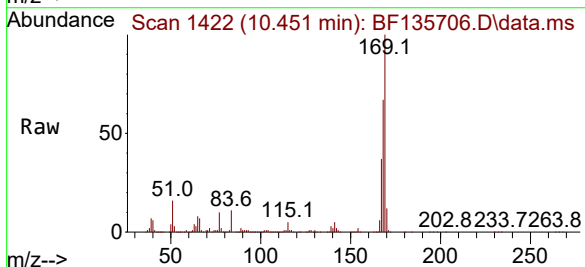
Instrument :
BNA_F
ClientSampleId :
PB156189BS

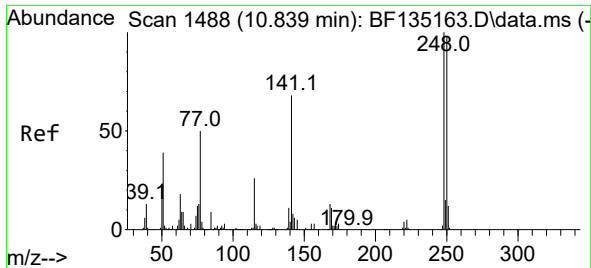
Tgt Ion:198 Resp: 102588
Ion Ratio Lower Upper
198 100
51 61.0 47.7 87.7
105 49.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 56.054 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:169 Resp: 610716
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 36.9 29.0 43.6

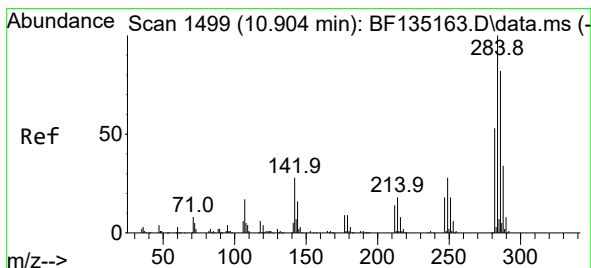
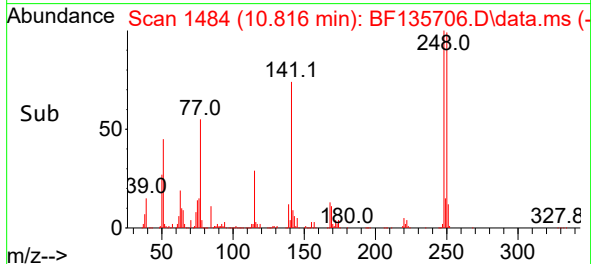
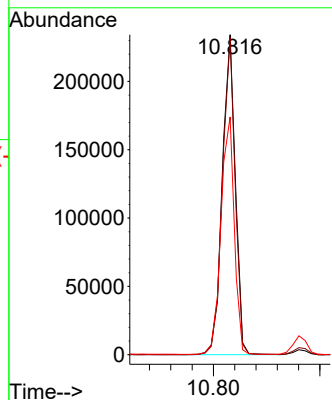
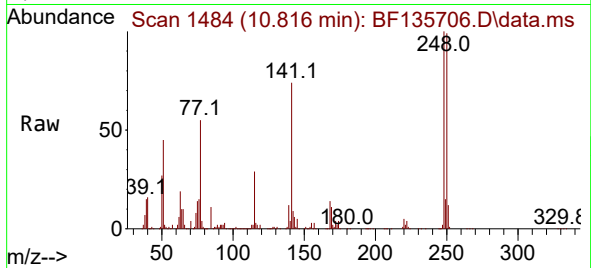




#67
4-Bromophenyl-phenylether
Concen: 55.378 ng
RT: 10.816 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

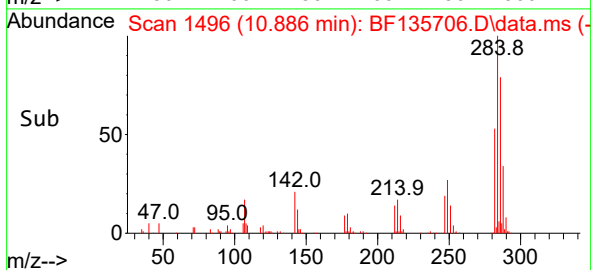
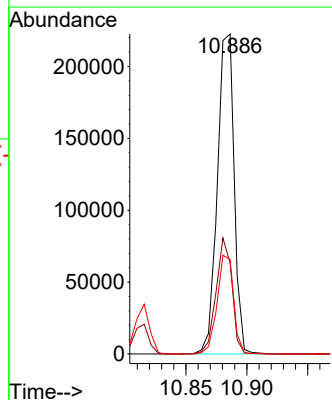
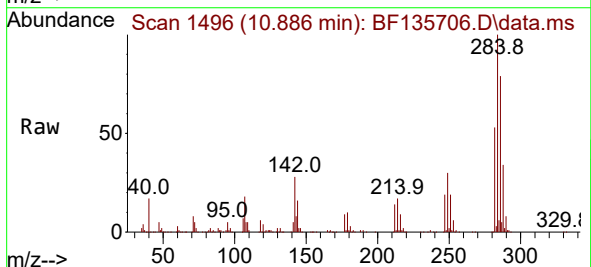
Instrument :
BNA_F
ClientSampleId :
PB156189BS

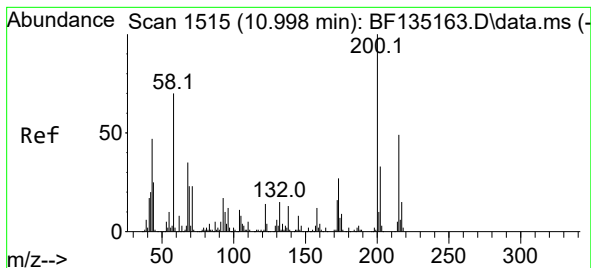
Tgt Ion:248 Resp: 198212
Ion Ratio Lower Upper
248 100
250 99.2 78.6 117.8
141 74.3 54.2 81.2



#68
Hexachlorobenzene
Concen: 58.807 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:284 Resp: 214435
Ion Ratio Lower Upper
284 100
142 28.4 22.2 33.4
249 29.5 22.5 33.7





#69

Atrazine

Concen: 66.002 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

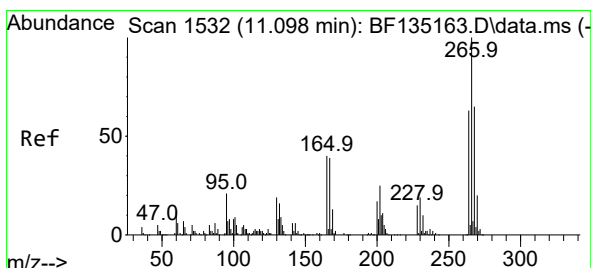
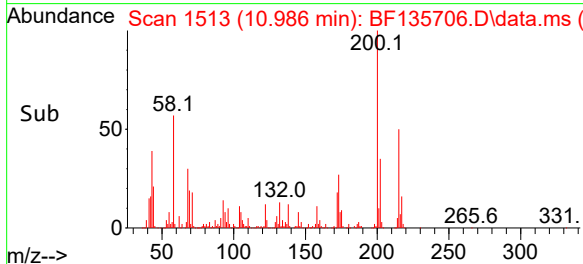
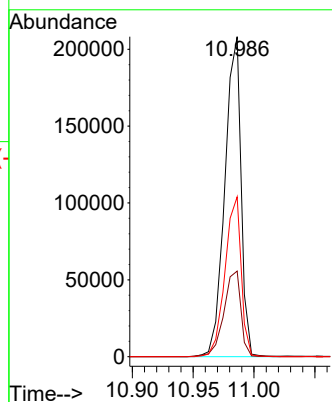
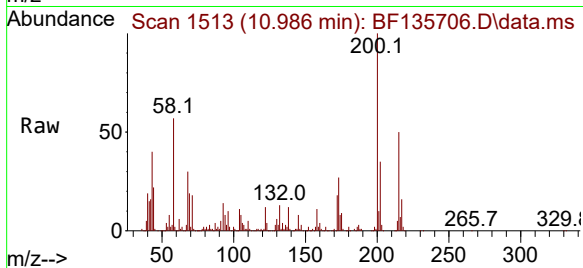
Tgt Ion:200 Resp: 193490

Ion Ratio Lower Upper

200 100

173 26.7 7.4 47.4

215 49.9 28.6 68.6



#70

Pentachlorophenol

Concen: 77.723 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

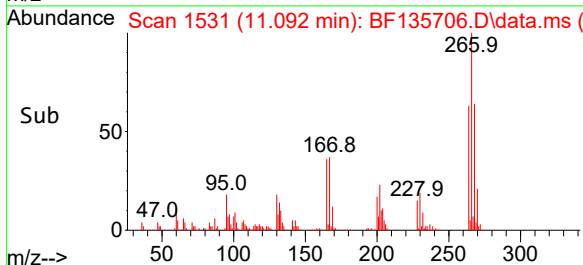
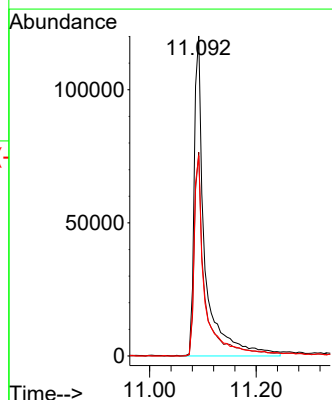
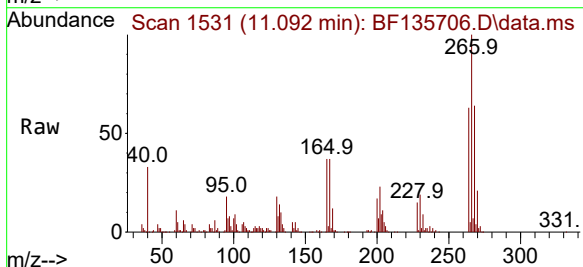
Tgt Ion:266 Resp: 169564

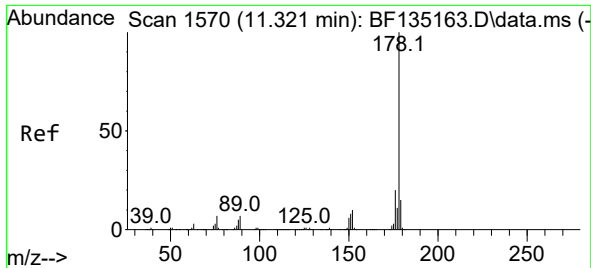
Ion Ratio Lower Upper

266 100

268 63.6 52.1 78.1

264 62.6 50.8 76.2

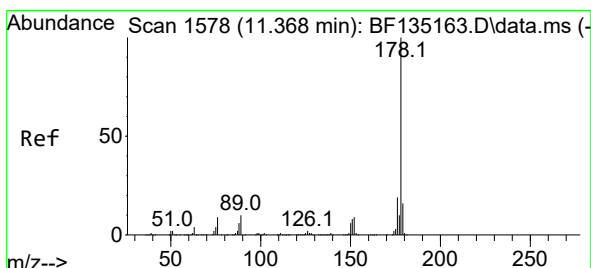
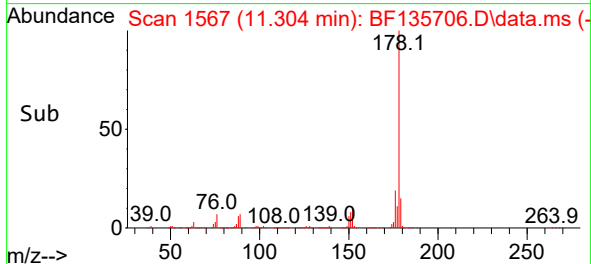
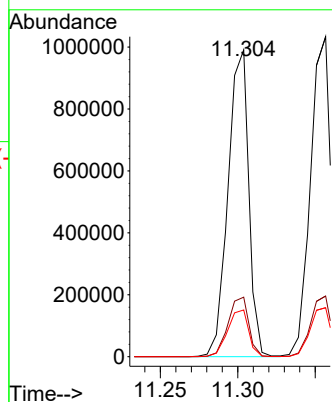
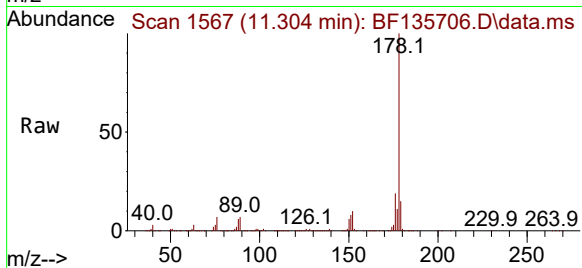




#71
Phenanthrene
Concen: 54.143 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

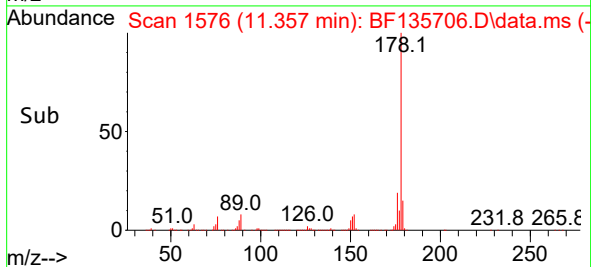
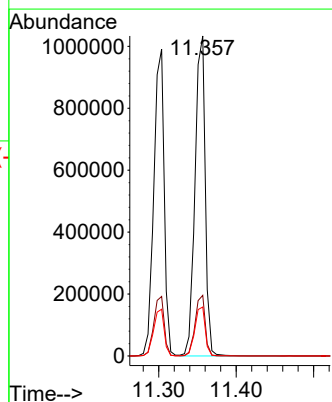
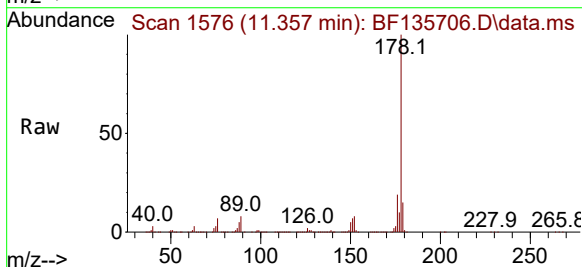
Instrument :
BNA_F
ClientSampleId :
PB156189BS

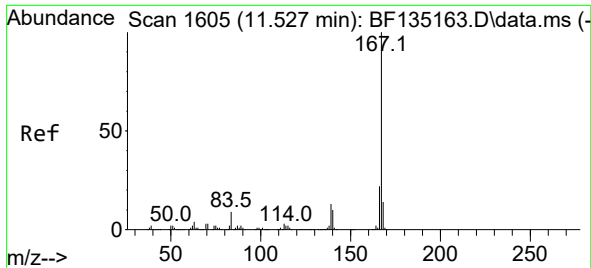
Tgt Ion:178 Resp: 921555
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.0 18.0



#72
Anthracene
Concen: 54.248 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:178 Resp: 949083
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.6 19.0

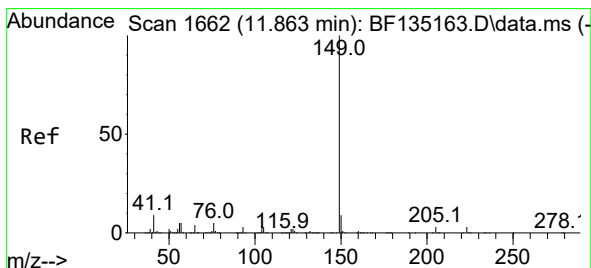
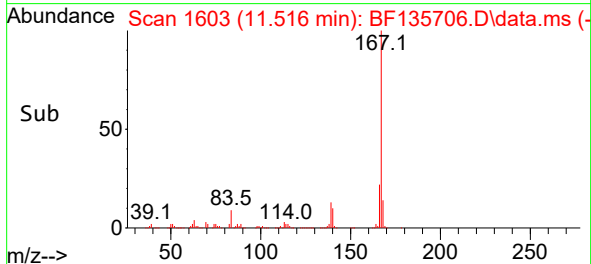
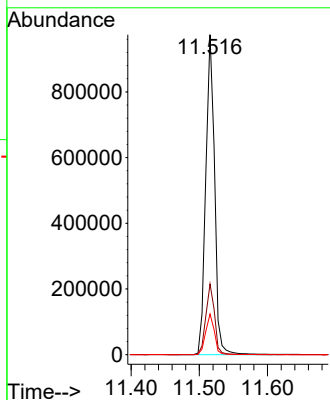
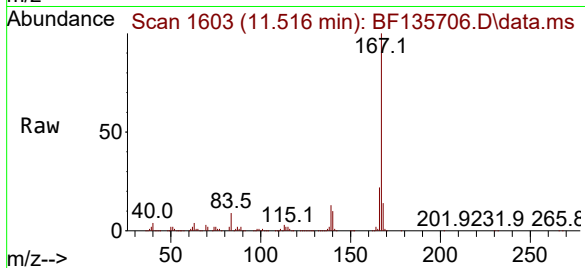




#73
Carbazole
Concen: 55.201 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

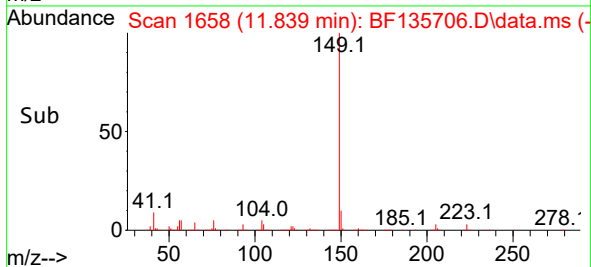
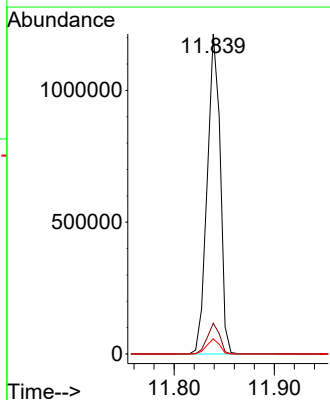
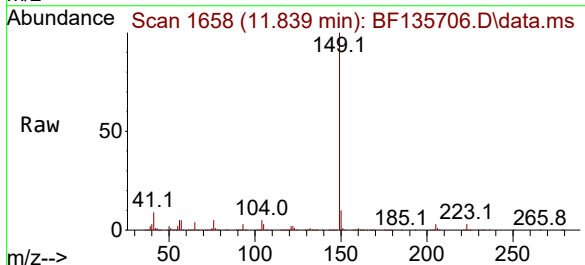
Instrument :
BNA_F
ClientSampleId :
PB156189BS

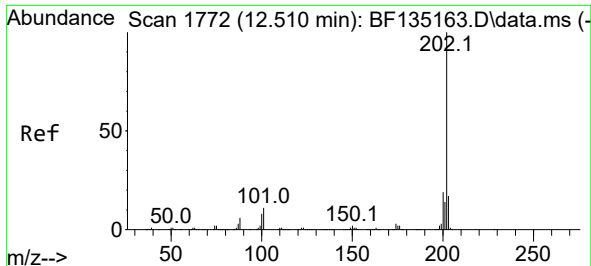
Tgt Ion:167 Resp: 879159
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 12.7 10.6 15.8



#74
Di-n-butylphthalate
Concen: 58.280 ng
RT: 11.839 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:149 Resp: 1093727
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 4.7 3.6 5.4

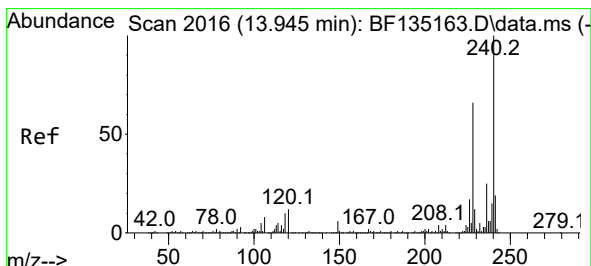
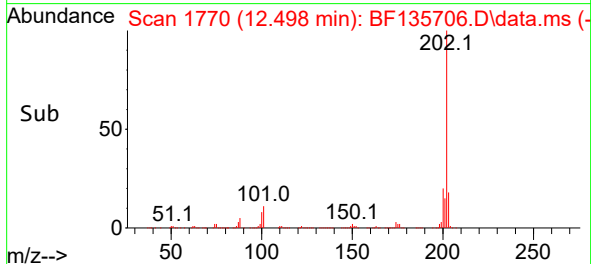
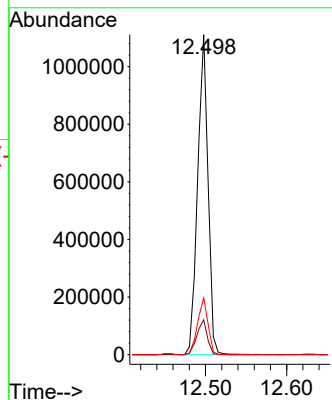
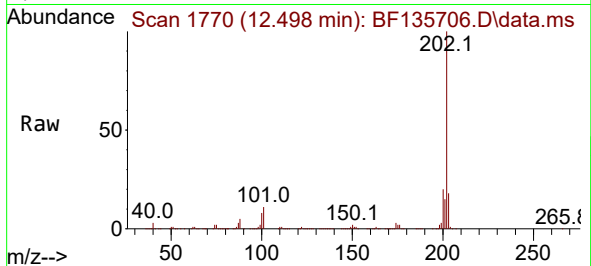




#75
Fluoranthene
Concen: 55.816 ng
RT: 12.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

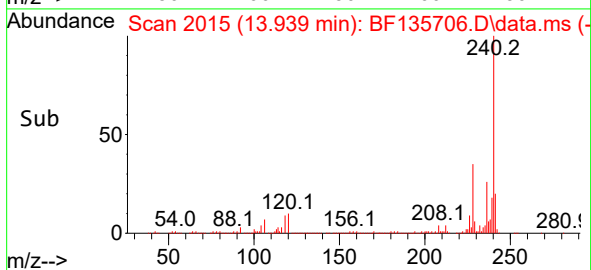
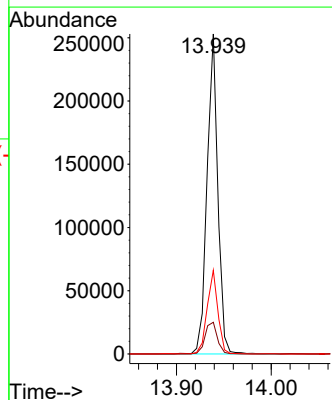
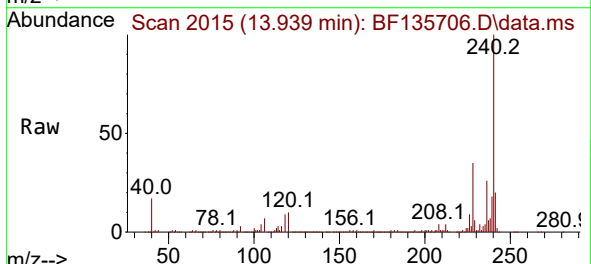
Instrument :
BNA_F
ClientSampleId :
PB156189BS

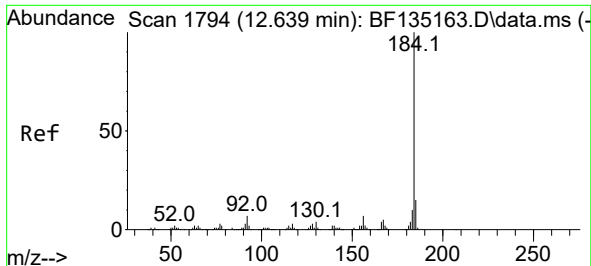
Tgt Ion:202 Resp: 989912
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:240 Resp: 199372
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.2
236 26.1 19.8 29.8

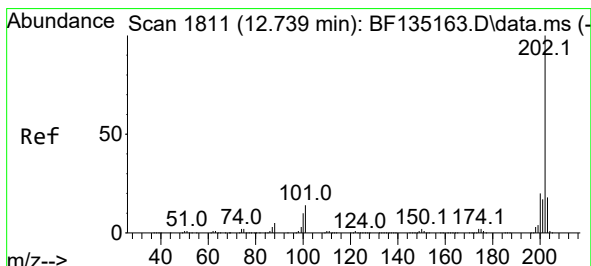
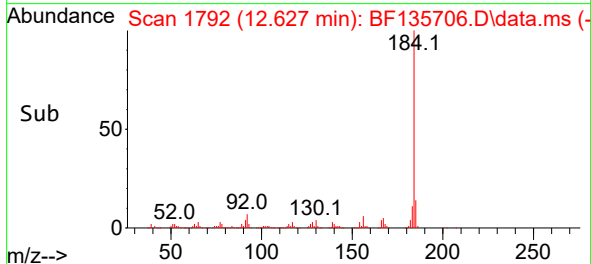
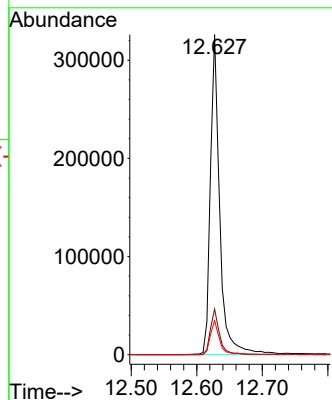
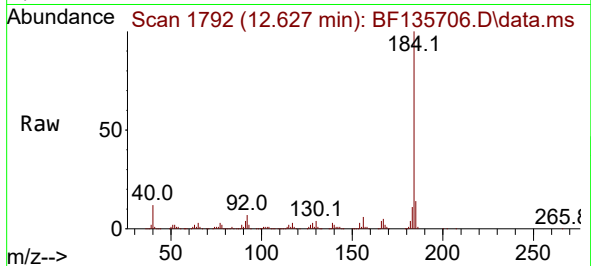




#77
Benzidine
Concen: 79.629 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

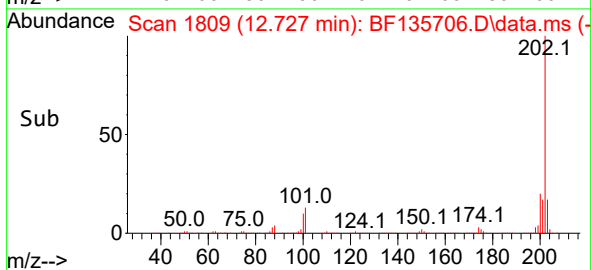
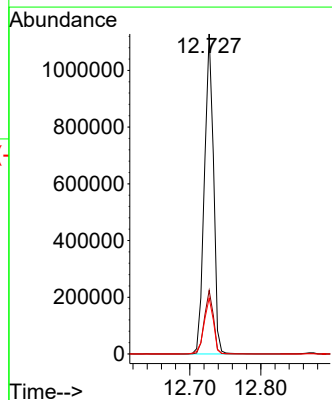
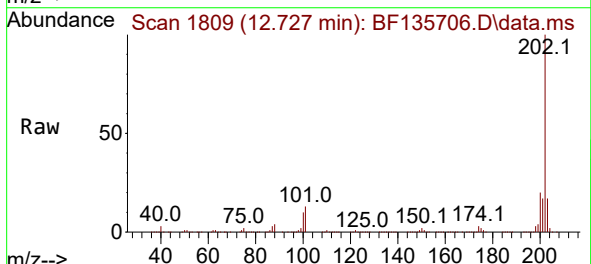
Instrument :
BNA_F
ClientSampleId :
PB156189BS

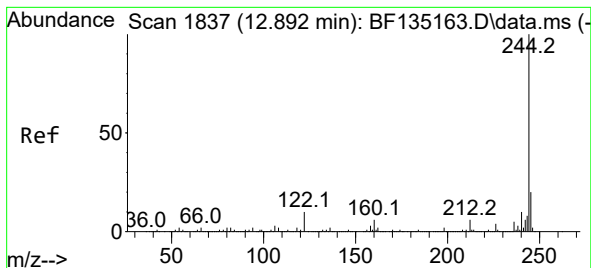
Tgt Ion:184 Resp: 325245
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.6 8.2 12.4



#78
Pyrene
Concen: 52.963 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:202 Resp: 1005321
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 99.295 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

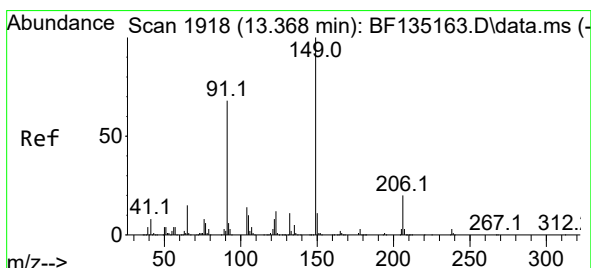
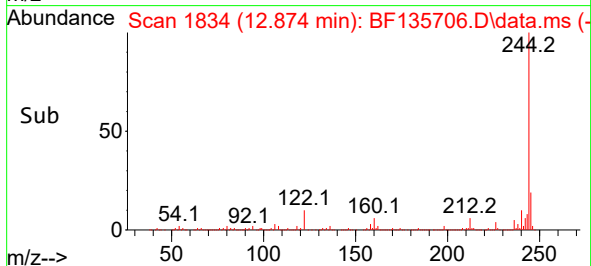
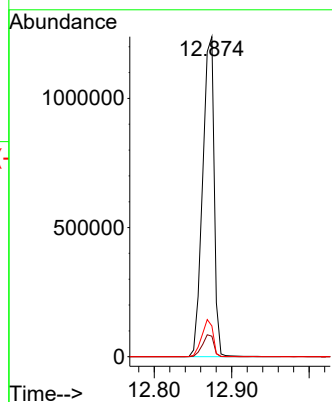
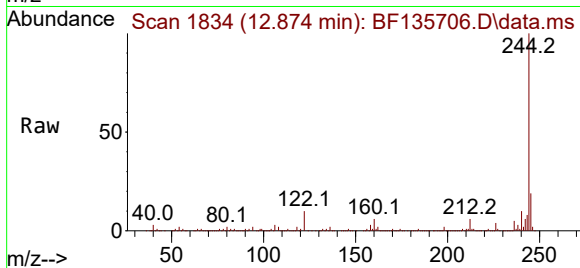
Tgt Ion:244 Resp: 1277049

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 9.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 63.441 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

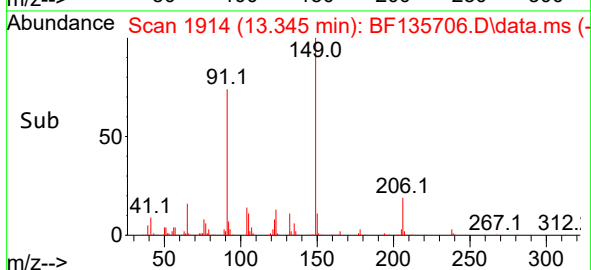
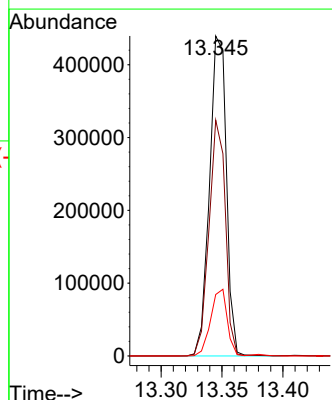
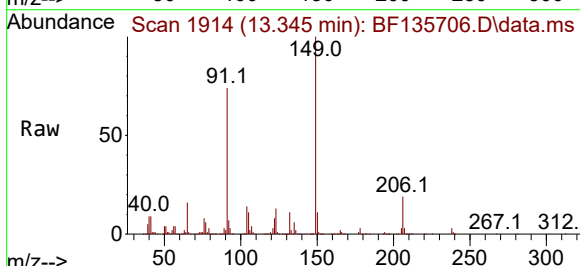
Tgt Ion:149 Resp: 423989

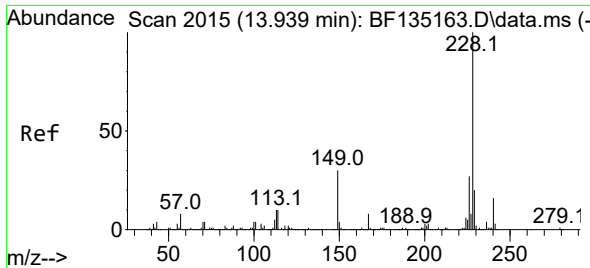
Ion Ratio Lower Upper

149 100

91 73.7 54.7 82.1

206 19.2 16.3 24.5

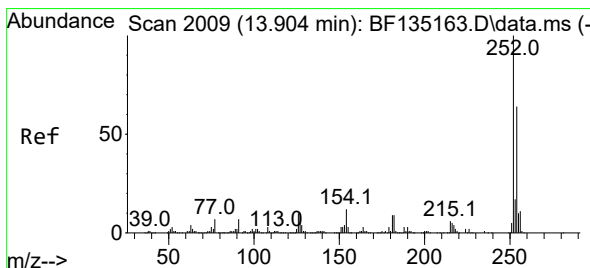
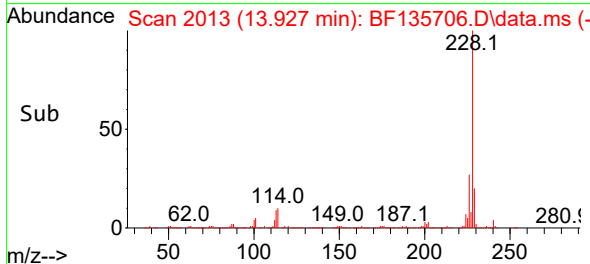
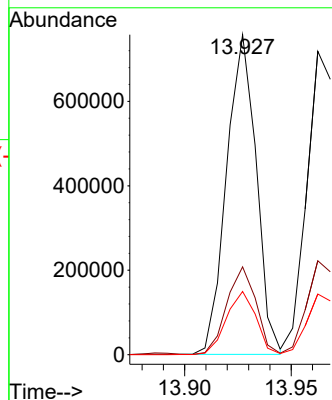
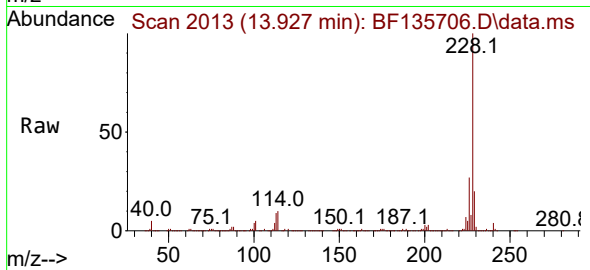




#81
Benzo(a)anthracene
Concen: 57.079 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

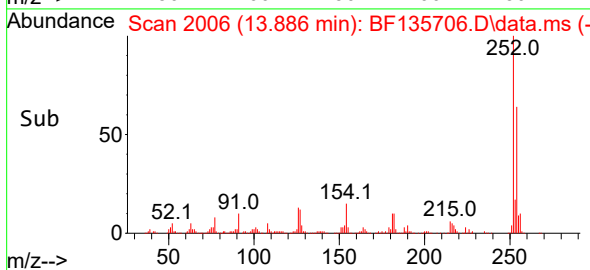
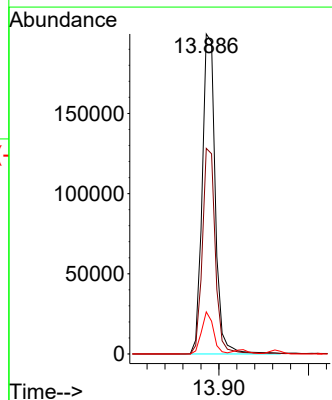
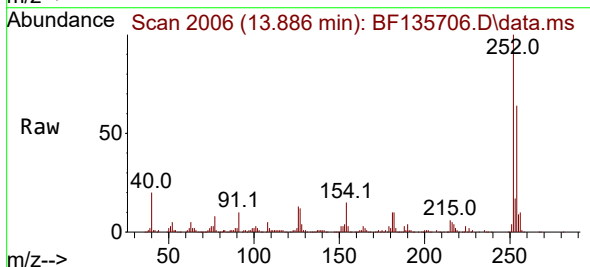
Instrument :
BNA_F
ClientSampleId :
PB156189BS

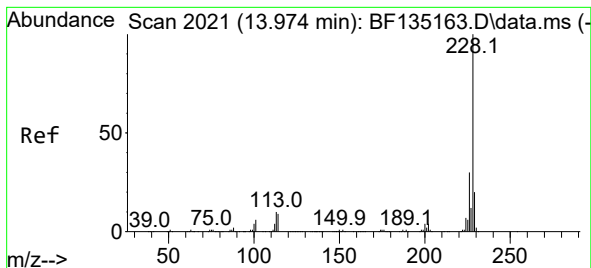
Tgt Ion:228 Resp: 734832
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 50.161 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:252 Resp: 201709
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 13.2 7.8 11.8





#83

Chrysene

Concen: 53.390 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

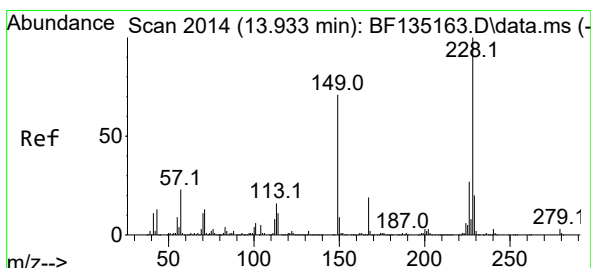
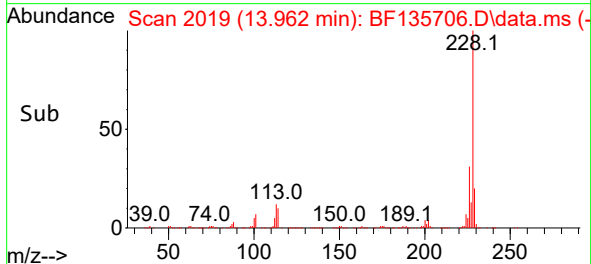
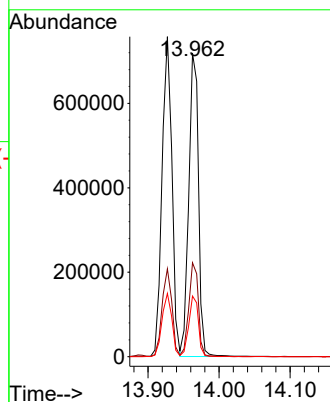
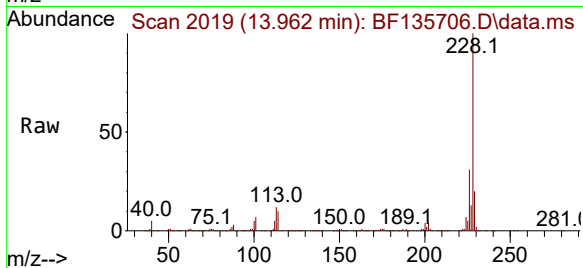
Tgt Ion:228 Resp: 683374

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.360 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

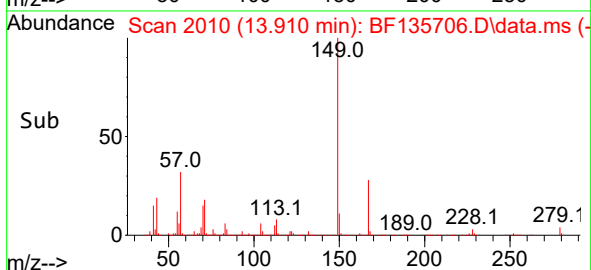
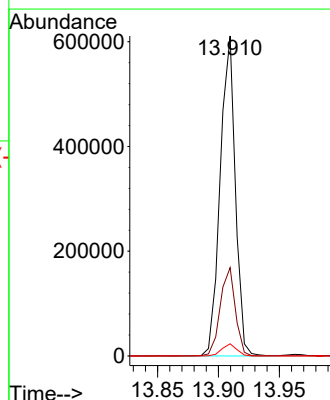
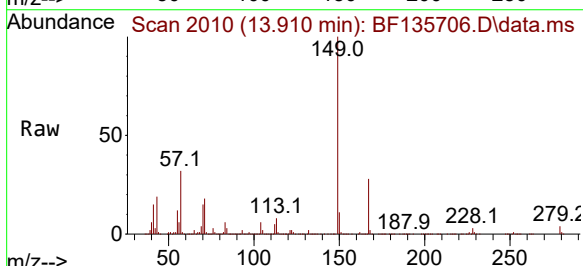
Tgt Ion:149 Resp: 530543

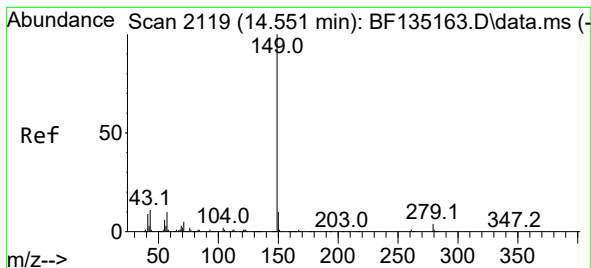
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 68.266 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

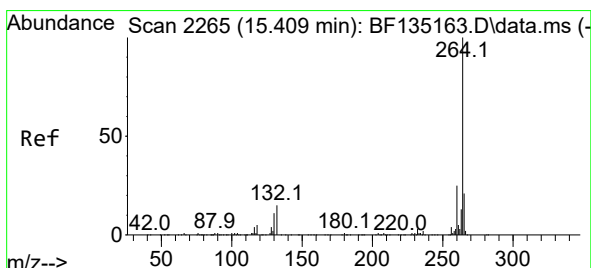
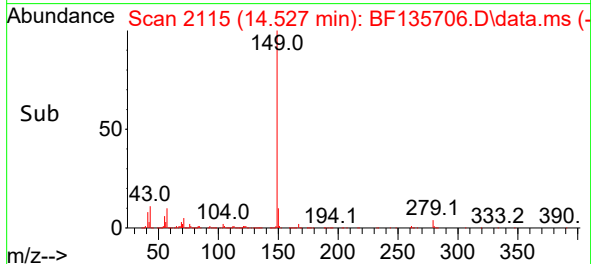
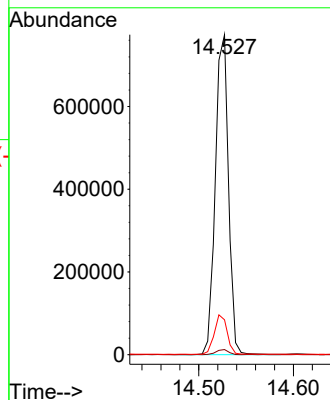
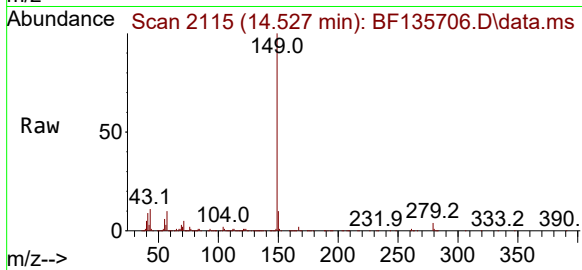
Tgt Ion:149 Resp: 744015

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

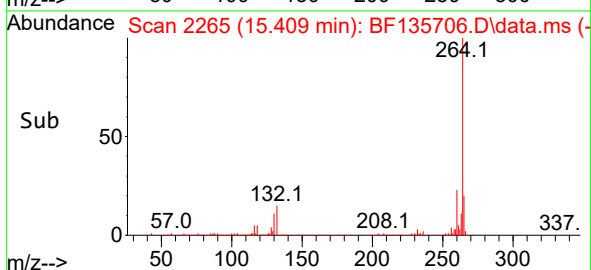
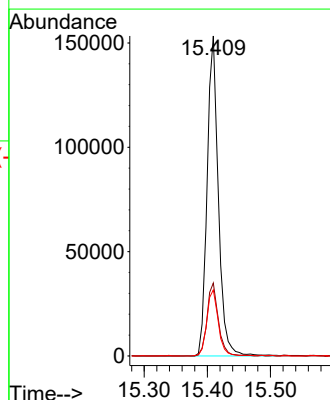
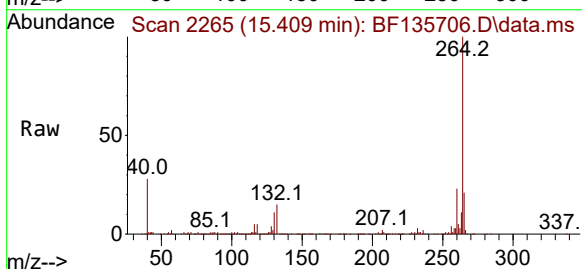
Tgt Ion:264 Resp: 189999

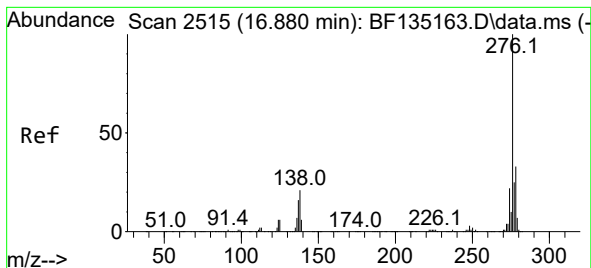
Ion Ratio Lower Upper

264 100

260 22.8 19.8 29.6

265 20.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.362 ng

RT: 16.909 min Scan# 2192

Delta R.T. 0.006 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156189BS

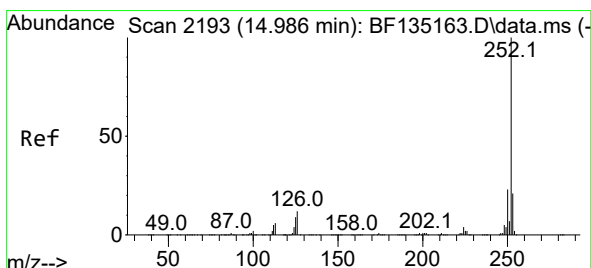
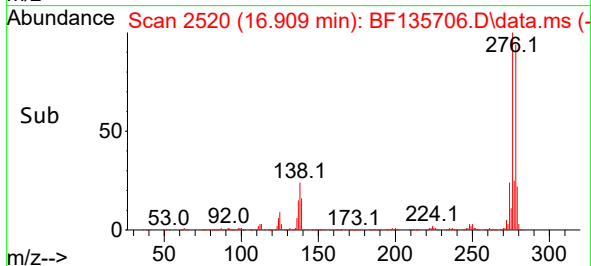
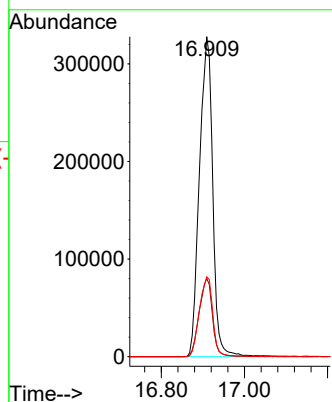
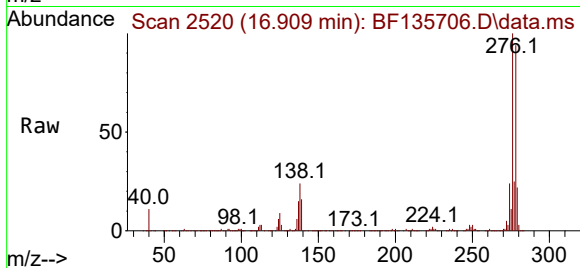
Tgt Ion:276 Resp: 727054

Ion Ratio Lower Upper

276 100

138 24.2 19.2 28.8

277 25.2 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 55.336 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF135706.D

Acq: 11 Oct 2023 11:33

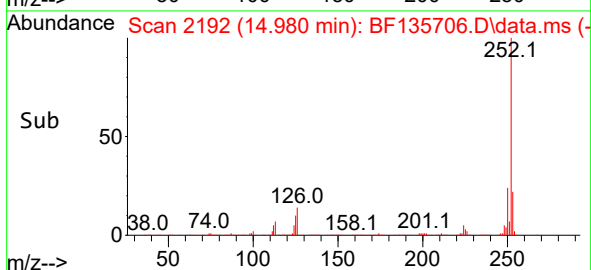
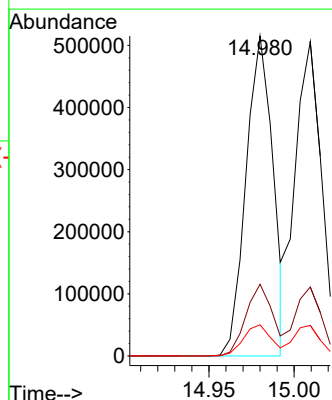
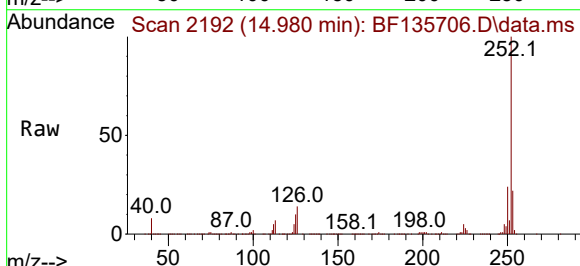
Tgt Ion:252 Resp: 569153

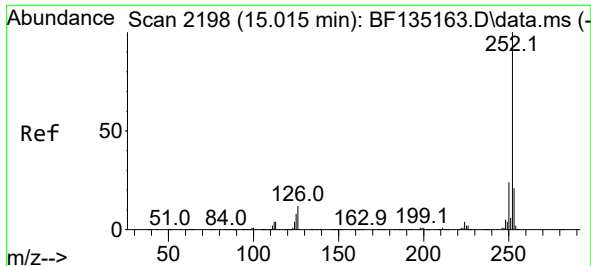
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 9.7 7.1 10.7

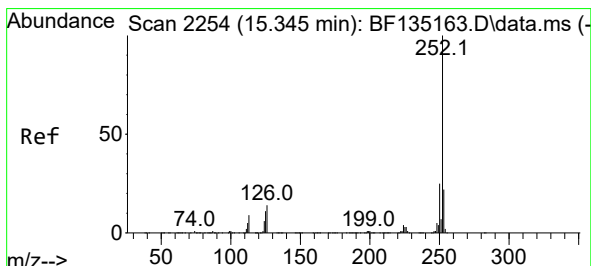
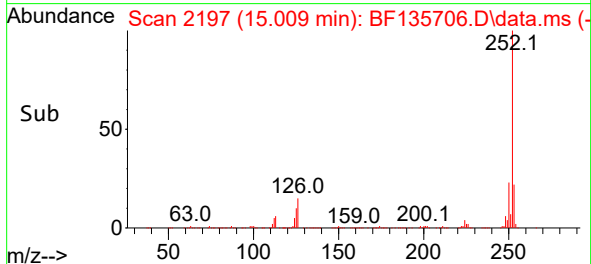
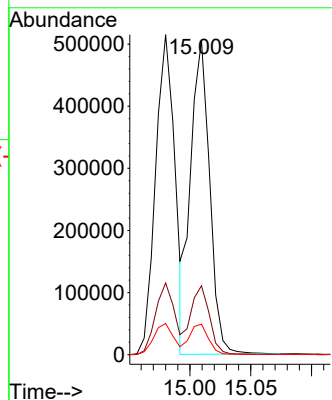
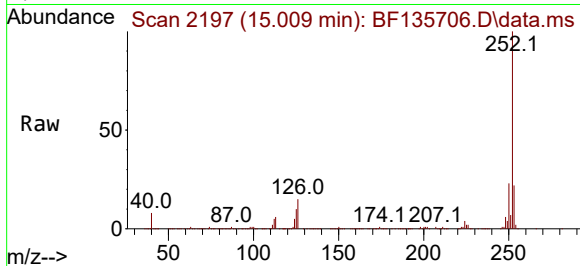




#89
Benzo(k)fluoranthene
Concen: 54.251 ng
RT: 15.009 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

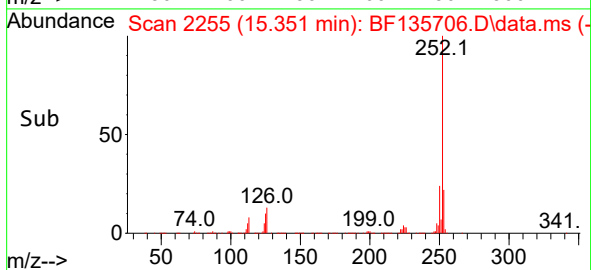
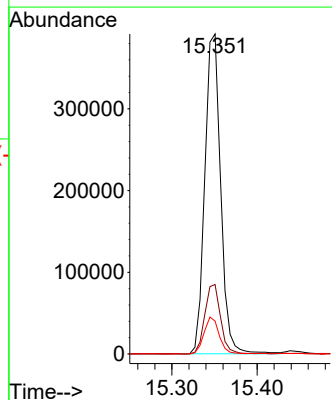
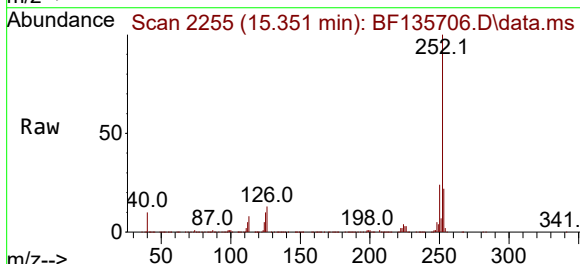
Instrument :
BNA_F
ClientSampleId :
PB156189BS

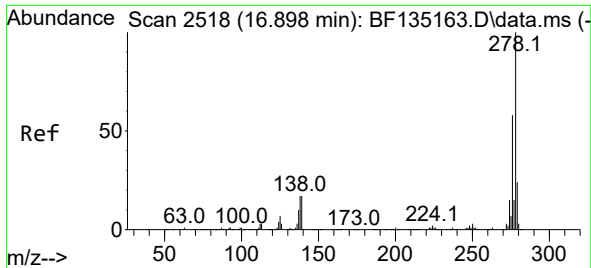
Tgt Ion:252 Resp: 551190
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.7 7.2 10.8



#90
Benzo(a)pyrene
Concen: 51.557 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:252 Resp: 505691
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.3 9.2 13.8

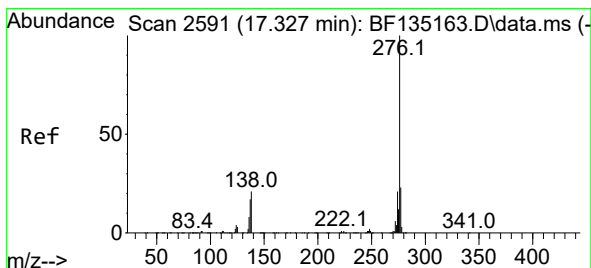
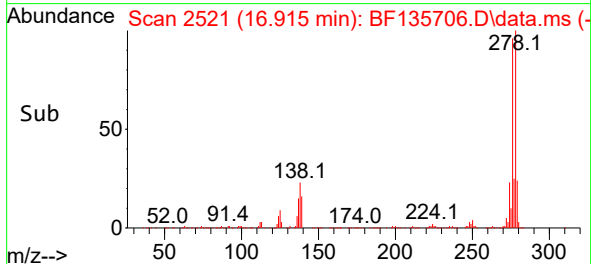
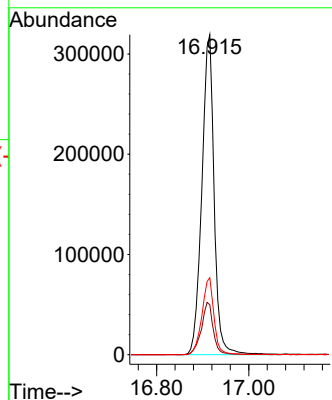
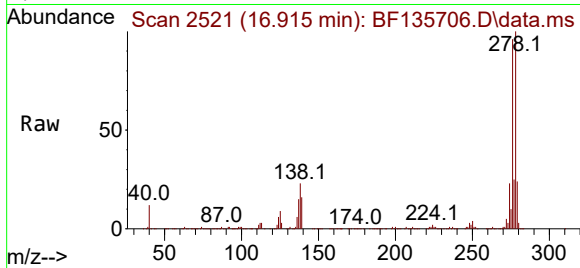




#91
Dibenzo(a,h)anthracene
Concen: 58.338 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB156189BS

Tgt Ion:278 Resp: 594641
Ion Ratio Lower Upper
278 100
139 15.6 13.4 20.0
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 58.269 ng
RT: 17.356 min Scan# 2596
Delta R.T. 0.006 min
Lab File: BF135706.D
Acq: 11 Oct 2023 11:33

Tgt Ion:276 Resp: 620286
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 21.5 16.9 25.3

