

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135946.D
 Acq On : 25 Oct 2023 17:51
 Operator : CG\JU
 Sample : PB156430BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156430BS

Quant Time: Oct 26 04:30:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	180539	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	700629	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	350791	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	648344	20.000	ng	0.00
76) Chrysene-d12	14.010	240	407228	20.000	ng	0.00
86) Perylene-d12	15.486	264	378847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1504177	128.654	ng	0.02
7) Phenol-d6	6.463	99	1880623	129.202	ng	0.00
23) Nitrobenzene-d5	7.392	82	1023228	93.238	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	495807	161.476	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1899423	86.703	ng	0.00
79) Terphenyl-d14	12.951	244	2326967	95.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	190922	35.153	ng	100
3) Pyridine	3.463	79	495675	33.066	ng	98
4) n-Nitrosodimethylamine	3.428	42	277918	42.519	ng	98
6) Aniline	6.487	93	645258	32.922	ng	99
8) 2-Chlorophenol	6.610	128	572724	47.319	ng	96
9) Benzaldehyde	6.375	77	89525	11.370	ng	99
10) Phenol	6.475	94	698687	45.915	ng	94
11) bis(2-Chloroethyl)ether	6.563	93	529889	44.737	ng	97
12) 1,3-Dichlorobenzene	6.763	146	581701	45.247	ng	99
13) 1,4-Dichlorobenzene	6.840	146	588753	45.598	ng	97
14) 1,2-Dichlorobenzene	6.993	146	558760	46.602	ng	99
15) Benzyl Alcohol	6.969	79	410928	39.936	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	776530	44.518	ng	99
17) 2-Methylphenol	7.075	107	443485	41.573	ng	98
18) Hexachloroethane	7.334	117	207026	47.154	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	363789	43.951	ng	98
20) 3+4-Methylphenols	7.234	107	539521	41.905	ng	# 81
22) Acetophenone	7.240	105	730069	46.136	ng	# 91
24) Nitrobenzene	7.410	77	545005	47.027	ng	99
25) Isophorone	7.645	82	1008137	45.522	ng	99
26) 2-Nitrophenol	7.722	139	222729	52.599	ng	99
27) 2,4-Dimethylphenol	7.757	122	429931	42.595	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	616842	45.358	ng	100
29) 2,4-Dichlorophenol	7.957	162	444295	49.156	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	487222	47.610	ng	99
31) Naphthalene	8.128	128	1540514	45.478	ng	99
32) Benzoic acid	7.887	122	254652	50.817	ng	95
33) 4-Chloroaniline	8.175	127	292062	19.508	ng	98
34) Hexachlorobutadiene	8.245	225	271351	47.043	ng	99
35) Caprolactam	8.545	113	90665	30.143	ng	97
36) 4-Chloro-3-methylphenol	8.657	107	463566	48.262	ng	97
37) 2-Methylnaphthalene	8.822	142	973611	43.441	ng	99
38) 1-Methylnaphthalene	8.916	142	939958	44.884	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	440892	44.500	ng	99
41) Hexachlorocyclopentadiene	8.975	237	500232	102.394	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	299064	51.573	ng	97

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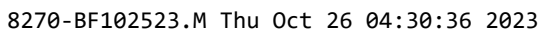
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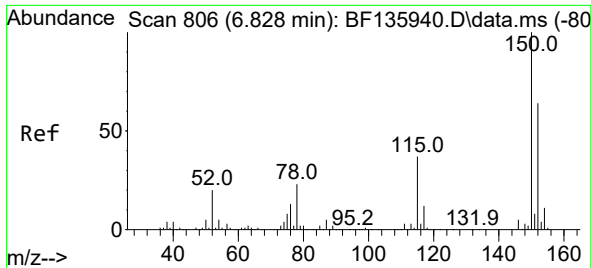
Quant Time: Oct 26 04:30:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	329443	47.849	ng	96
46) 1,1'-Biphenyl	9.286	154	1211966	45.596	ng	99
47) 2-Chloronaphthalene	9.310	162	926497	47.124	ng	98
48) 2-Nitroaniline	9.404	65	270452	49.919	ng	97
49) Acenaphthylene	9.728	152	1480889	47.745	ng	99
50) Dimethylphthalate	9.592	163	1044138	45.899	ng	100
51) 2,6-Dinitrotoluene	9.651	165	231479	48.973	ng	# 85
52) Acenaphthene	9.898	154	908322	45.696	ng	98
53) 3-Nitroaniline	9.816	138	191784	35.317	ng	94
54) 2,4-Dinitrophenol	9.922	184	169735	87.532	ng	97
55) Dibenzofuran	10.069	168	1300087	45.273	ng	99
56) 4-Nitrophenol	9.981	139	439914	94.634	ng	98
57) 2,4-Dinitrotoluene	10.057	165	308616	52.275	ng	92
58) Fluorene	10.416	166	978087	45.526	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	279332	53.915	ng	99
60) Diethylphthalate	10.298	149	1009691	46.545	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	461016	44.485	ng	100
62) 4-Nitroaniline	10.439	138	260572	46.766	ng	95
63) Azobenzene	10.569	77	999378	45.397	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	117272	53.023	ng	97
66) n-Nitrosodiphenylamine	10.528	169	904917	46.201	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	311376	46.896	ng	98
68) Hexachlorobenzene	10.957	284	356221	50.222	ng	98
69) Atrazine	11.063	200	303492	56.840	ng	99
70) Pentachlorophenol	11.157	266	399737	88.419	ng	99
71) Phenanthrene	11.380	178	1557927	47.496	ng	100
72) Anthracene	11.433	178	1583097	47.135	ng	99
73) Carbazole	11.586	167	1424027	47.530	ng	99
74) Di-n-butylphthalate	11.927	149	1548877	48.582	ng	100
75) Fluoranthene	12.569	202	1634768	47.373	ng	97
77) Benzidine	12.692	184	322636	41.088	ng	98
78) Pyrene	12.804	202	1699227	49.696	ng	100
80) Butylbenzylphthalate	13.433	149	625198	48.351	ng	94
81) Benzo(a)anthracene	13.998	228	1365520	49.316	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	354509	42.083	ng	99
83) Chrysene	14.033	228	1291088	47.875	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	745173	52.998	ng	99
85) Di-n-octyl phthalate	14.621	149	1192554	53.842	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1196789	55.711	ng	99
88) Benzo(b)fluoranthene	15.051	252	1168101	51.809	ng	99
89) Benzo(k)fluoranthene	15.086	252	1048203	47.338	ng	99
90) Benzo(a)pyrene	15.427	252	971975	46.776	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	996264	54.219	ng	99
92) Benzo(g,h,i)perylene	17.457	276	968939	46.506	ng	99

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

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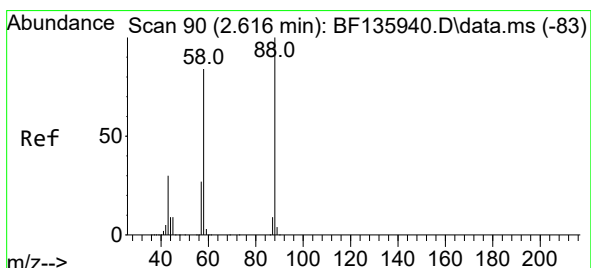
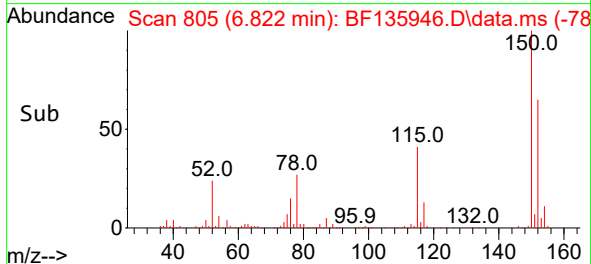
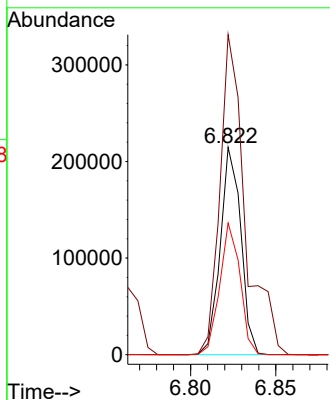
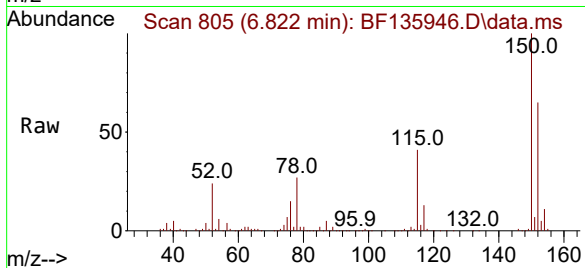




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

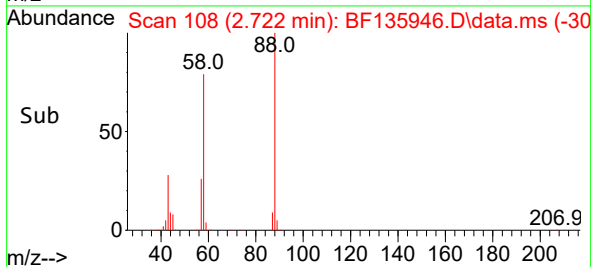
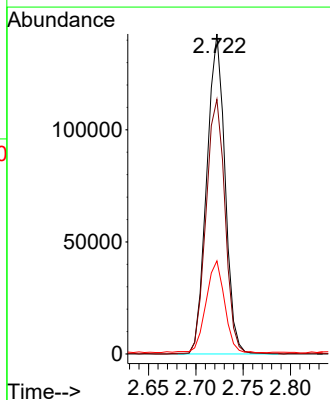
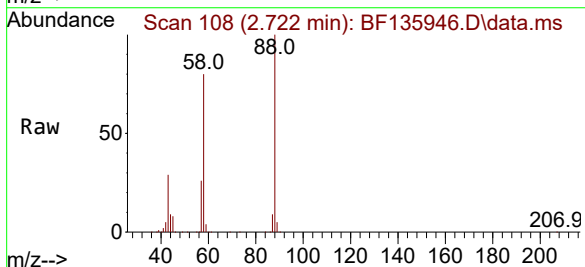
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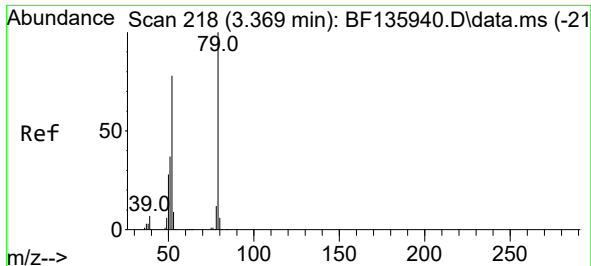
Tgt Ion:152 Resp: 180539
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 63.6 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.153 ng
 RT: 2.722 min Scan# 108
 Delta R.T. 0.106 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

Tgt Ion: 88 Resp: 190922
 Ion Ratio Lower Upper
 88 100
 58 83.2 66.6 100.0
 43 29.3 23.8 35.8

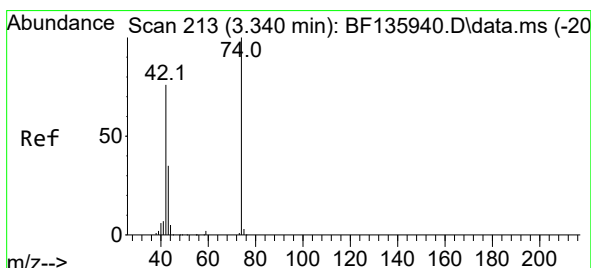
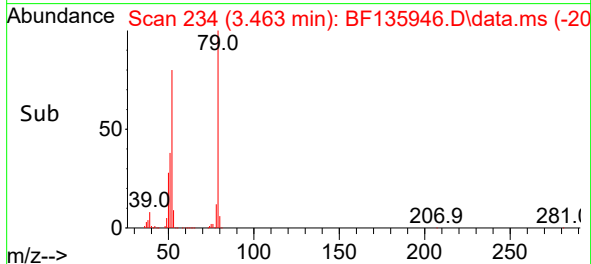
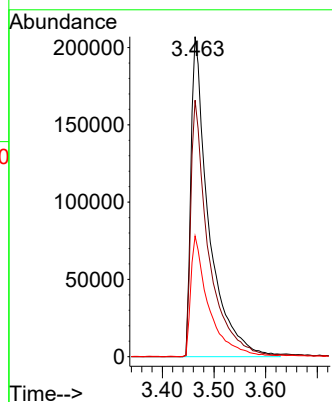
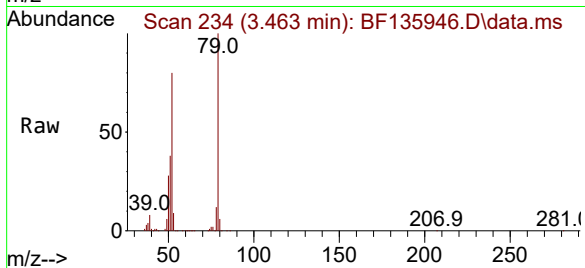




#3
Pyridine
Concen: 33.066 ng
RT: 3.463 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

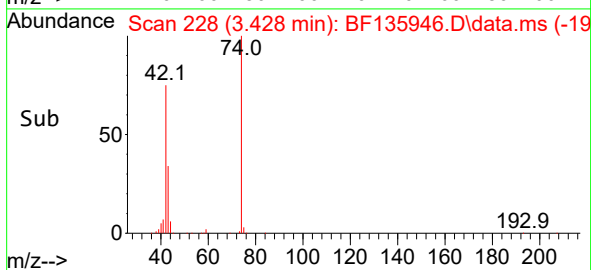
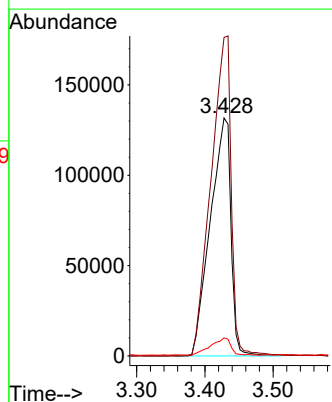
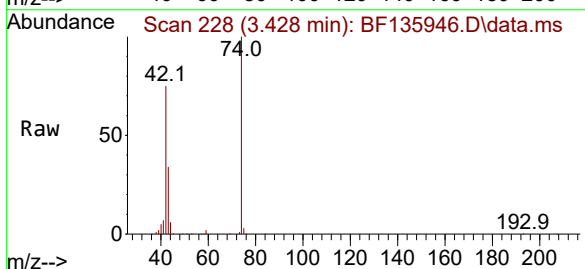
Instrument :
BNA_F
ClientSampleId :
PB156430BS

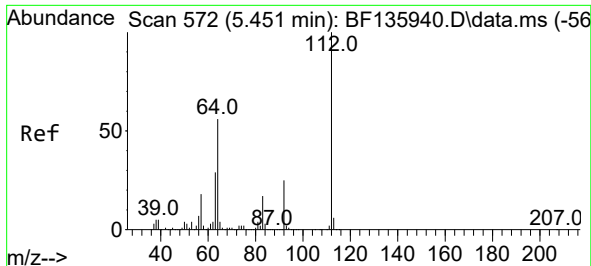
Tgt Ion: 79 Resp: 495675
Ion Ratio Lower Upper
79 100
52 80.2 62.6 93.8
51 37.7 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 42.519 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion: 42 Resp: 277918
Ion Ratio Lower Upper
42 100
74 133.9 104.8 157.2
44 7.6 5.9 8.9

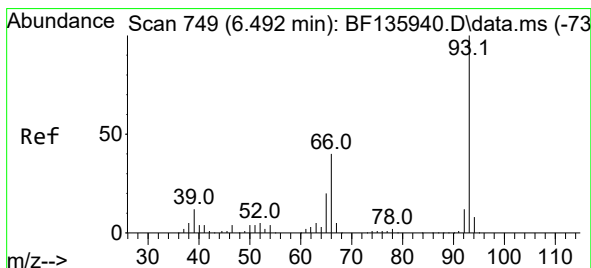
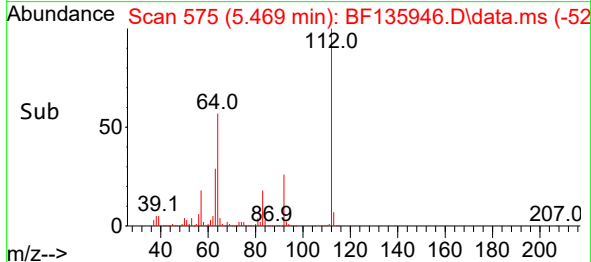
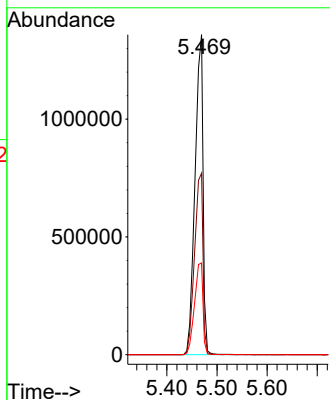
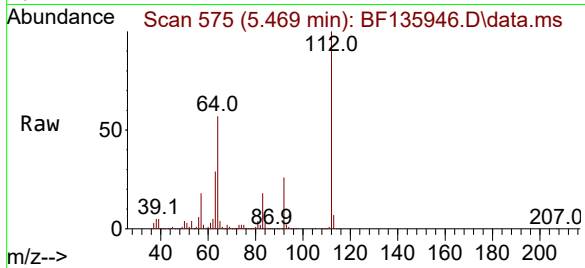




#5
2-Fluorophenol
Concen: 128.654 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

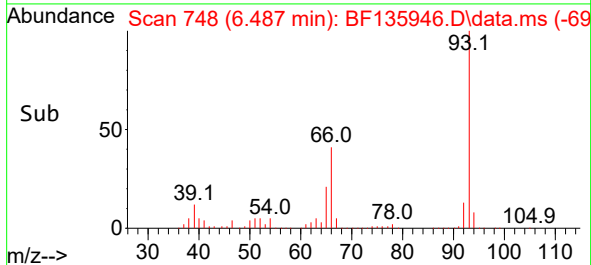
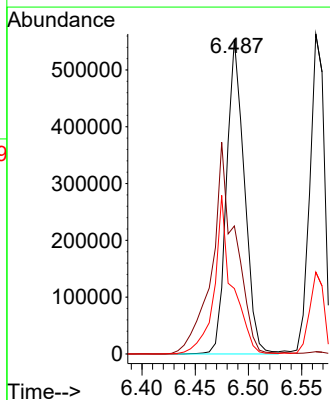
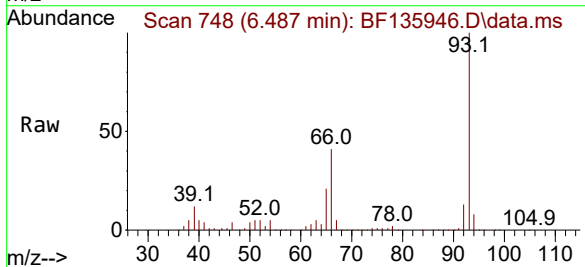
Instrument :
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ClientSampleId :
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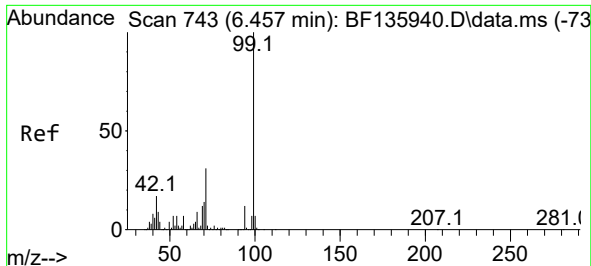
Tgt Ion:112 Resp: 1504177
Ion Ratio Lower Upper
112 100
64 56.7 45.1 67.7
63 28.6 23.0 34.4



#6
Aniline
Concen: 32.922 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion: 93 Resp: 645258
Ion Ratio Lower Upper
93 100
66 40.7 32.0 48.0
65 20.8 16.2 24.4

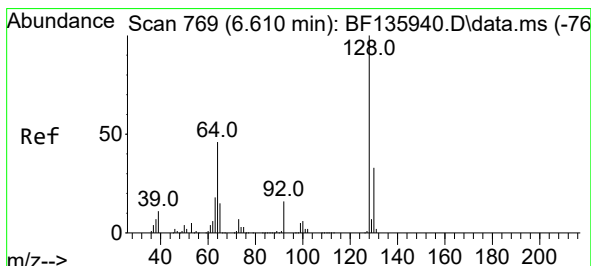
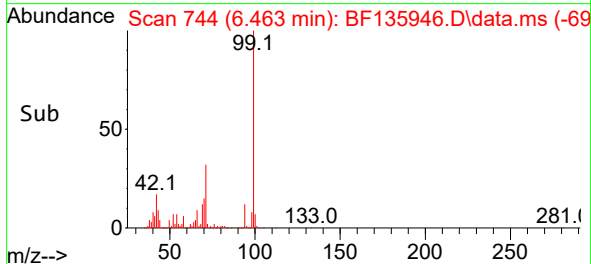
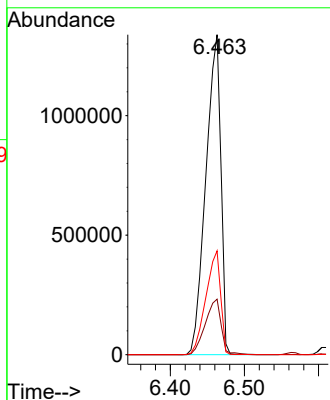
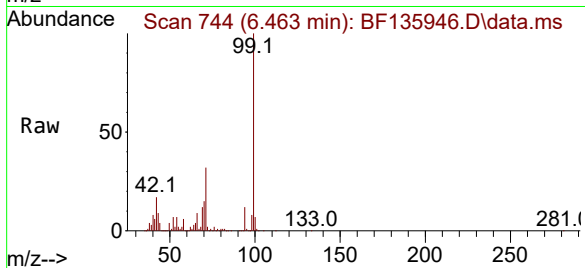




#7
Phenol-d6
Concen: 129.202 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

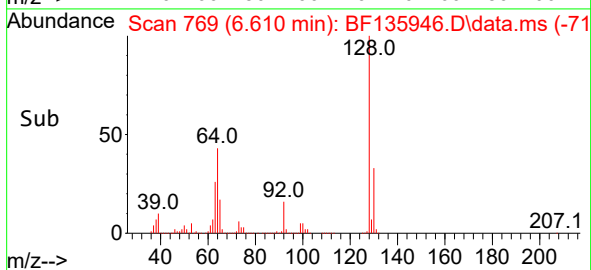
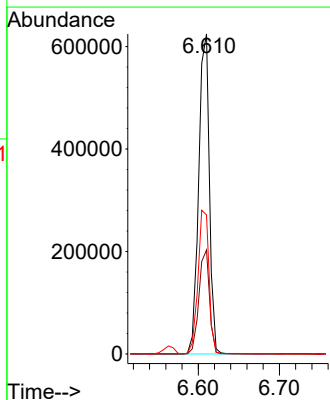
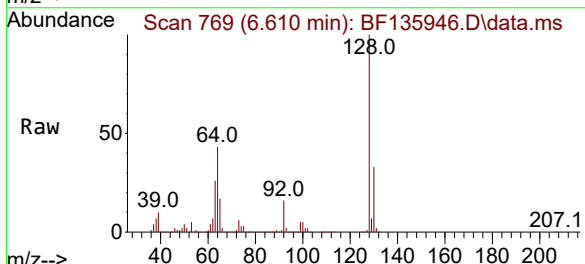
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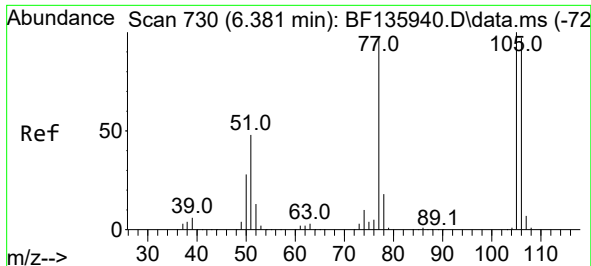
Tgt Ion: 99 Resp: 1880623
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 32.4 25.1 37.7



#8
2-Chlorophenol
Concen: 47.319 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:128 Resp: 572724
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 43.4 27.0 67.0

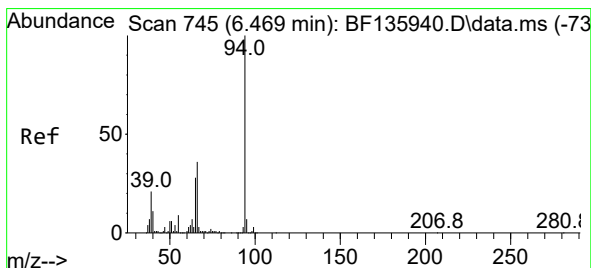
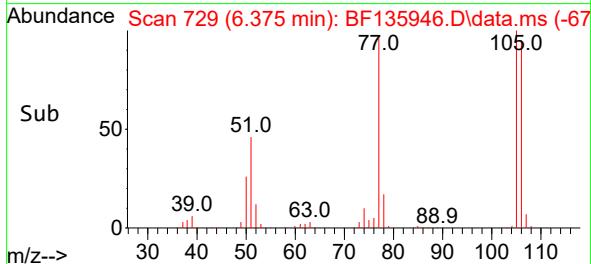
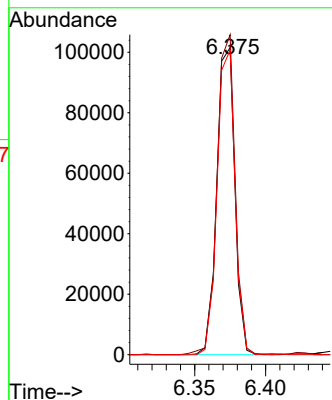
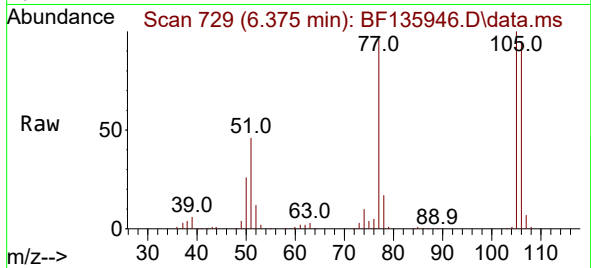




#9
Benzaldehyde
Concen: 11.370 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

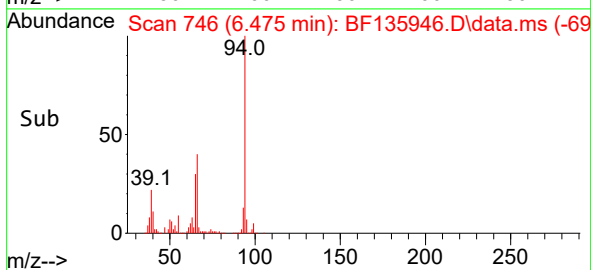
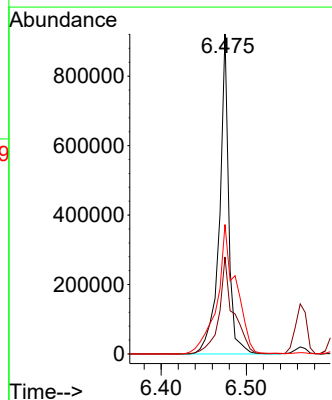
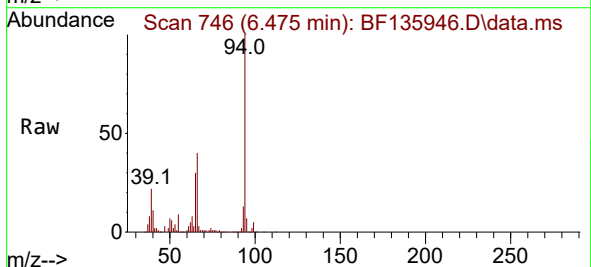
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ClientSampleId :
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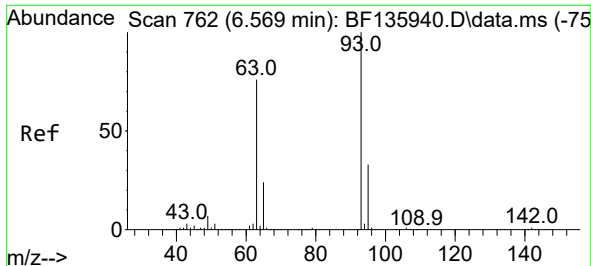
Tgt Ion: 77 Resp: 89525
Ion Ratio Lower Upper
77 100
105 104.2 83.2 123.2
106 99.3 80.0 120.0



#10
Phenol
Concen: 45.915 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion: 94 Resp: 698687
Ion Ratio Lower Upper
94 100
65 30.3 7.8 47.8
66 40.4 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 44.737 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

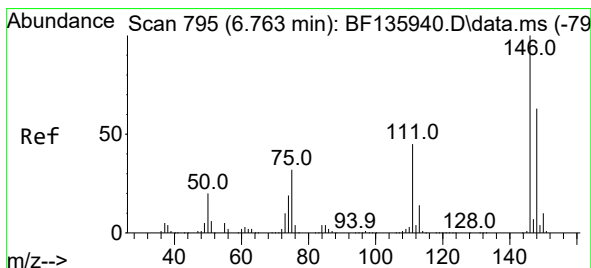
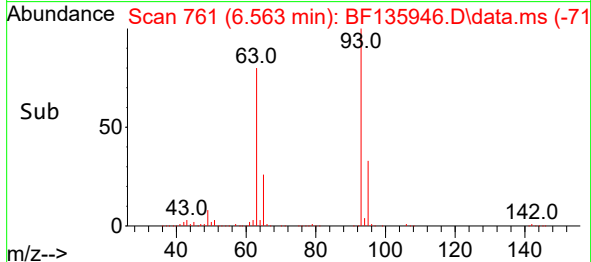
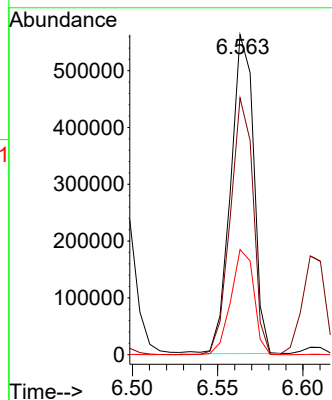
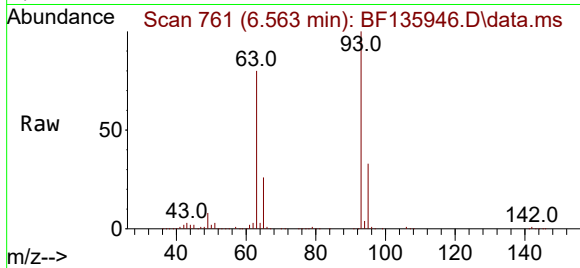
Tgt Ion: 93 Resp: 529889

Ion Ratio Lower Upper

93 100

63 80.2 56.2 96.2

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.247 ng

RT: 6.763 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

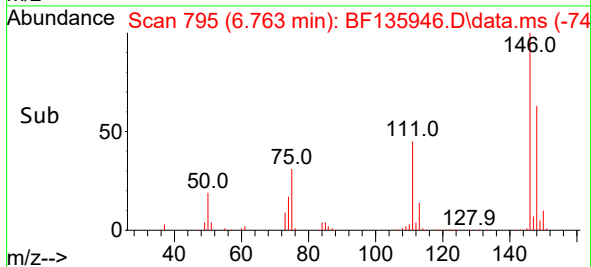
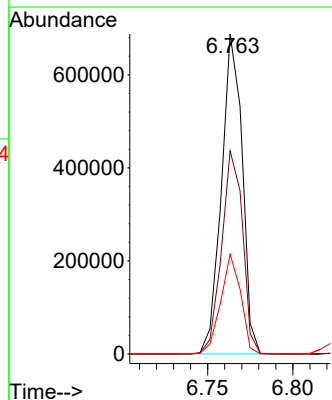
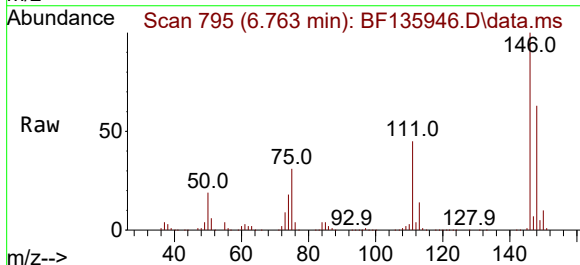
Tgt Ion:146 Resp: 581701

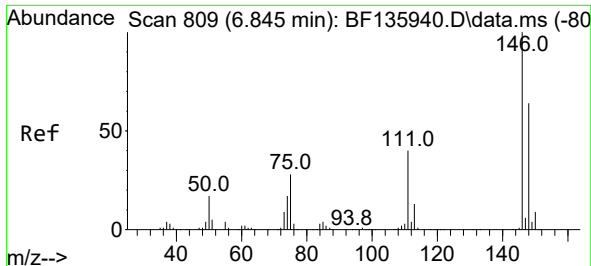
Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.4

75 31.2 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 45.598 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

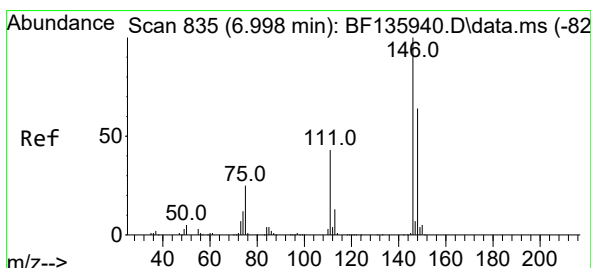
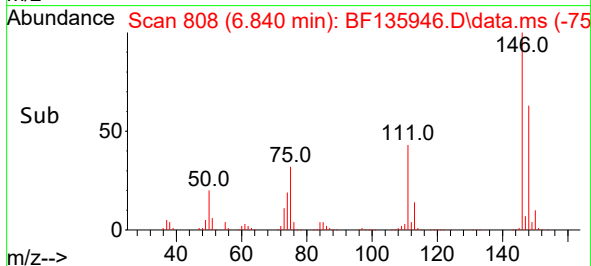
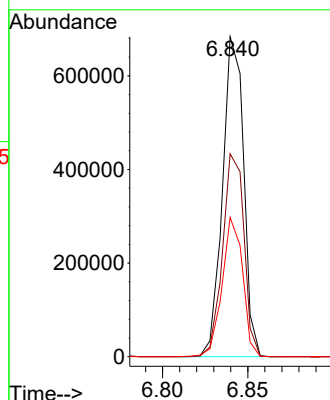
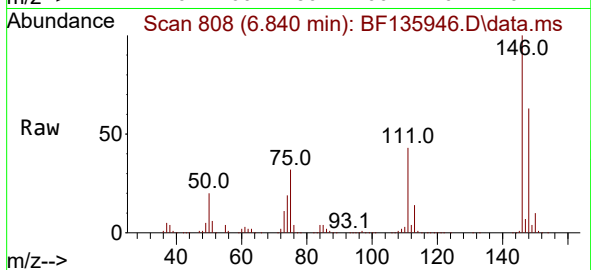
Tgt Ion:146 Resp: 588753

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 43.5 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 46.602 ng

RT: 6.993 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

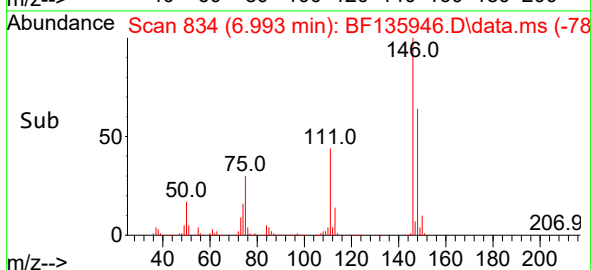
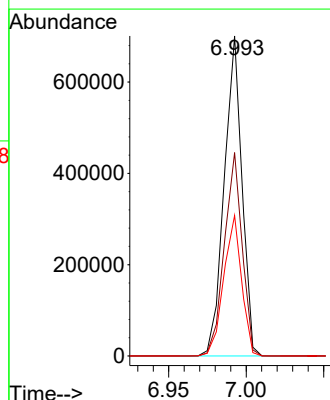
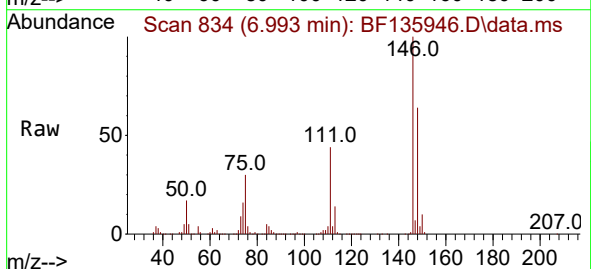
Tgt Ion:146 Resp: 558760

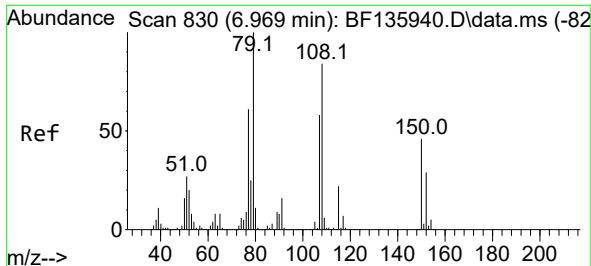
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 43.9 34.2 51.4

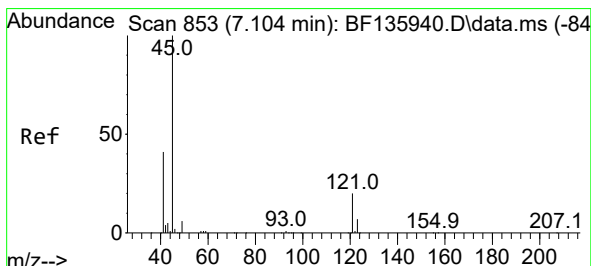
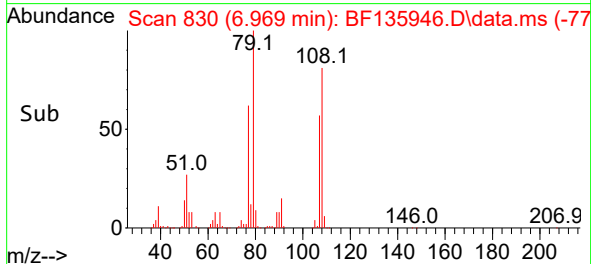
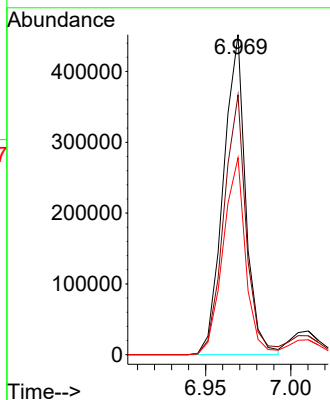
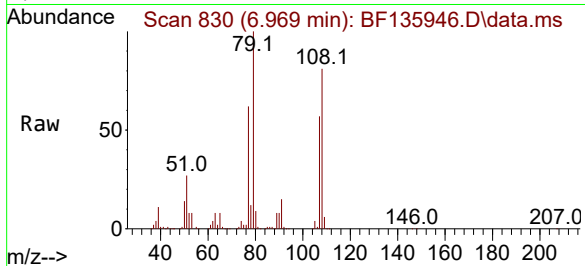




#15
Benzyl Alcohol
Concen: 39.936 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

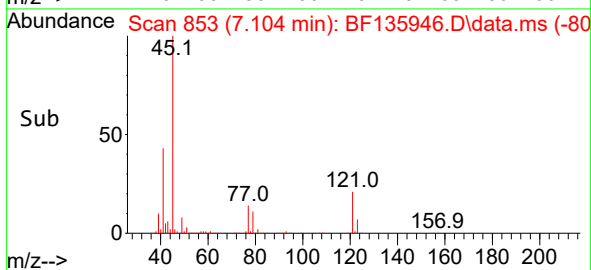
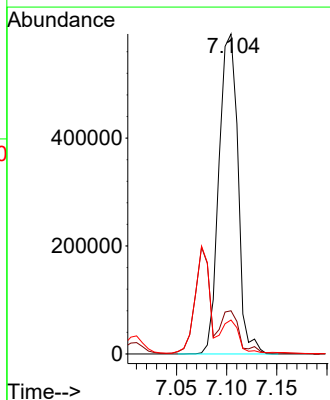
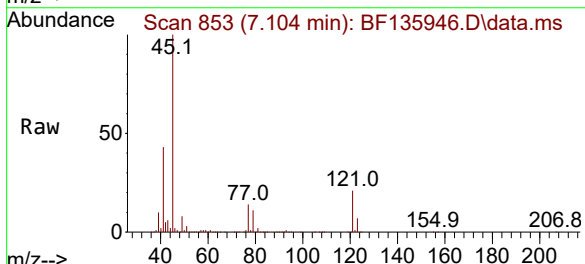
Instrument :
BNA_F
ClientSampleId :
PB156430BS

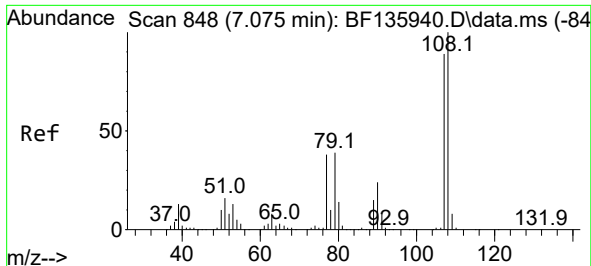
Tgt Ion: 79 Resp: 410928
Ion Ratio Lower Upper
79 100
108 81.1 67.2 100.8
77 61.6 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.518 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion: 45 Resp: 776530
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.2
79 10.6 0.0 29.8

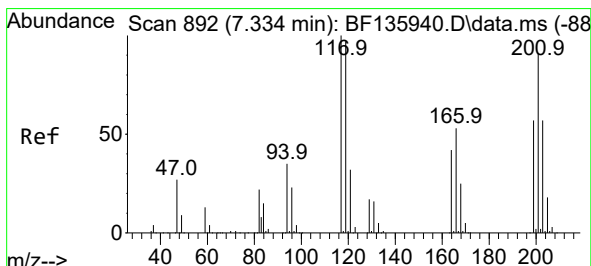
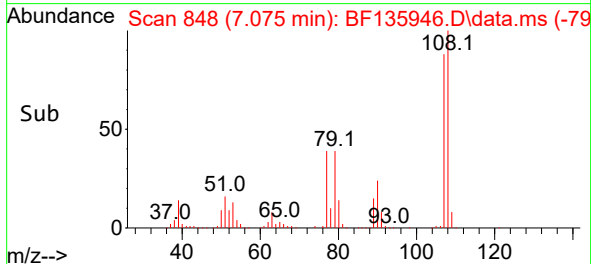
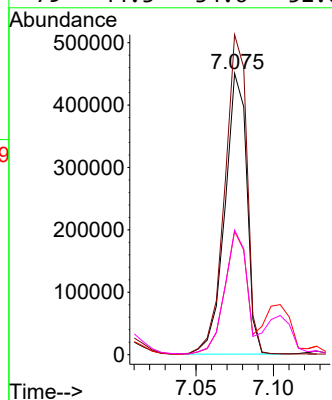
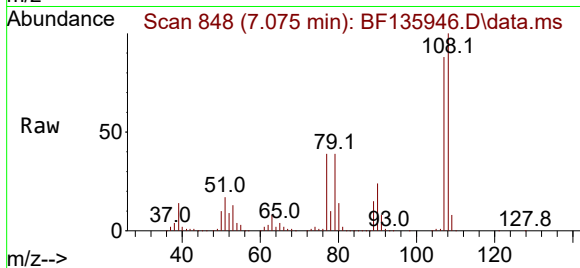




#17
2-Methylphenol
Concen: 41.573 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

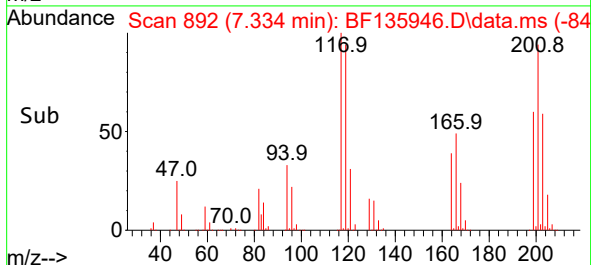
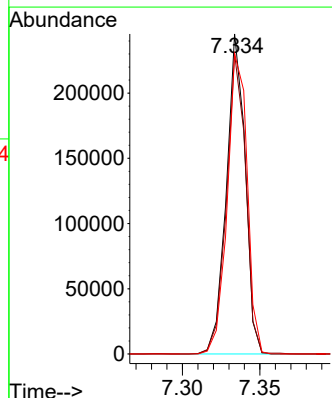
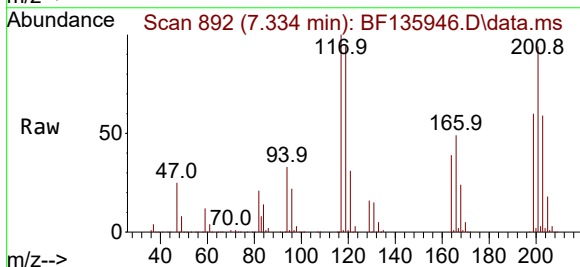
Instrument :
BNA_F
ClientSampleId :
PB156430BS

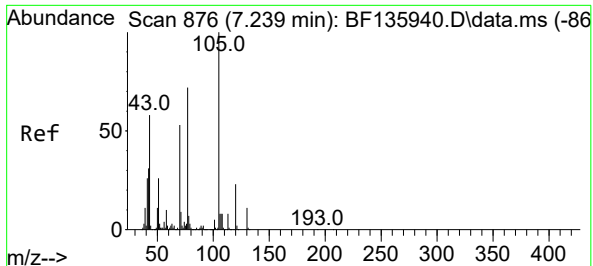
Tgt Ion:107 Resp: 443485
Ion Ratio Lower Upper
107 100
108 113.8 89.8 134.6
77 43.9 34.2 51.2
79 44.3 34.6 52.0



#18
Hexachloroethane
Concen: 47.154 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:117 Resp: 207026
Ion Ratio Lower Upper
117 100
119 93.8 77.3 115.9
201 93.8 72.8 109.2

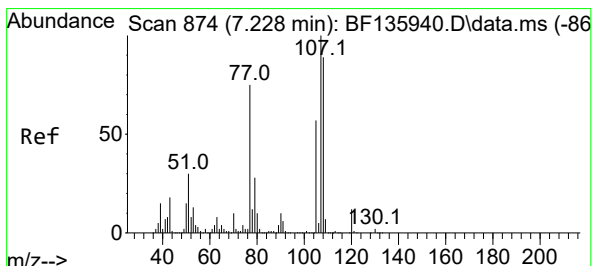
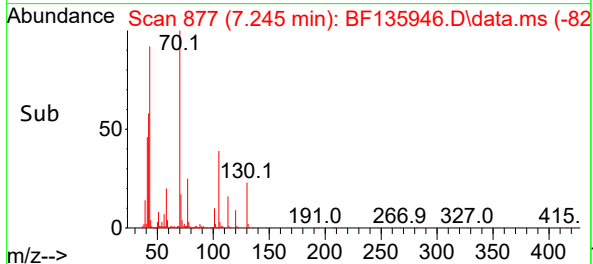
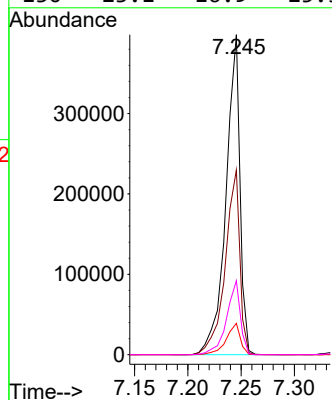
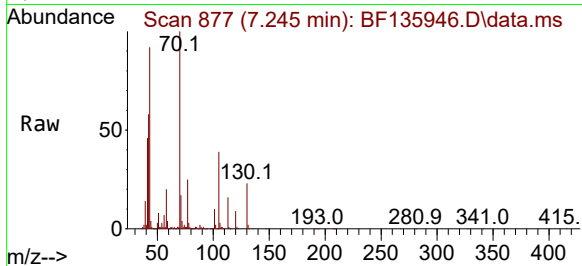




#19
n-Nitroso-di-n-propylamine
Concen: 43.951 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

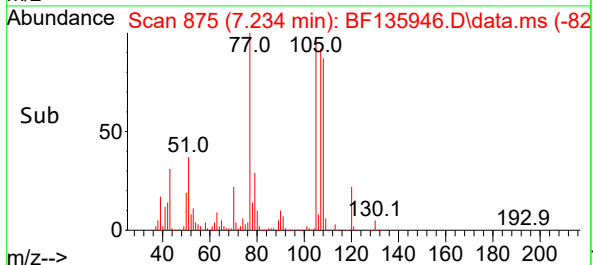
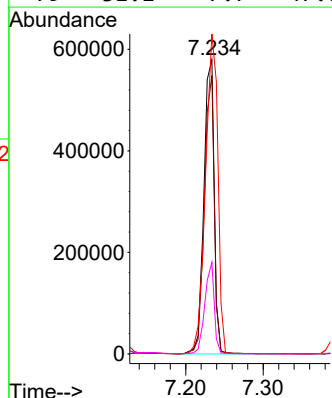
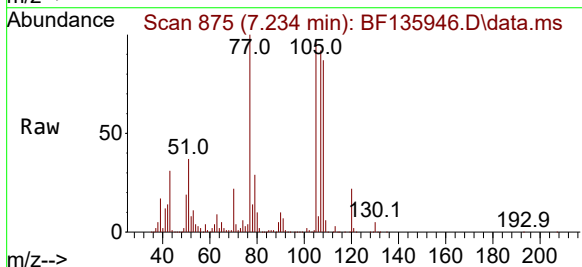
Instrument :
BNA_F
ClientSampleId :
PB156430BS

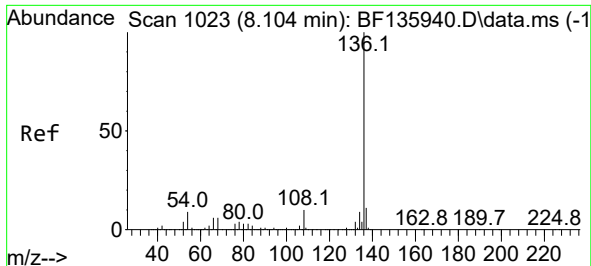
Tgt Ion: 70 Resp: 363789
Ion Ratio Lower Upper
70 100
42 57.7 47.3 70.9
101 9.8 7.8 11.8
130 23.1 16.9 25.3



#20
3+4-Methylphenols
Concen: 41.905 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion: 107 Resp: 539521
Ion Ratio Lower Upper
107 100
108 94.6 69.1 109.1
77 108.7 55.0 95.0#
79 31.1 7.7 47.7

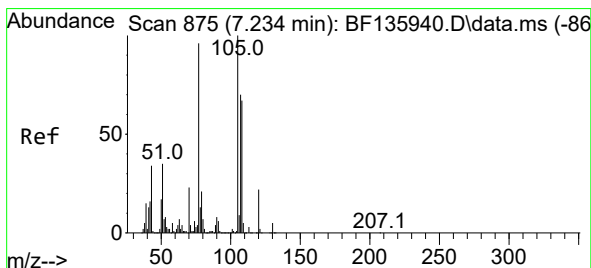
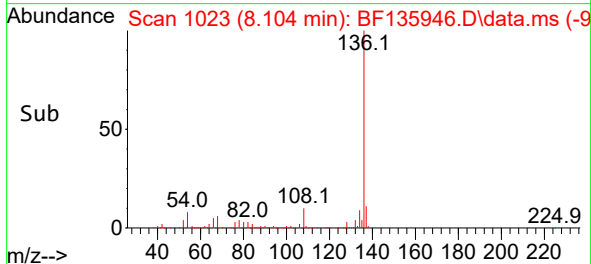
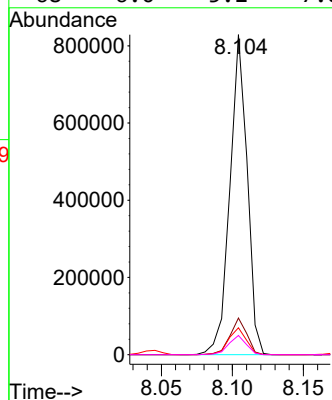
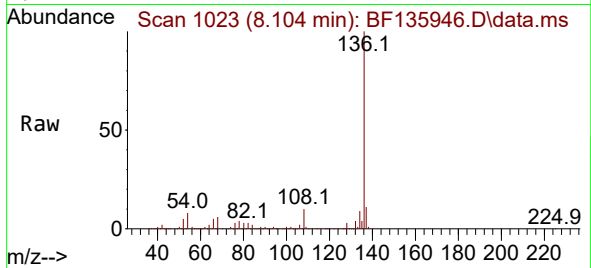




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

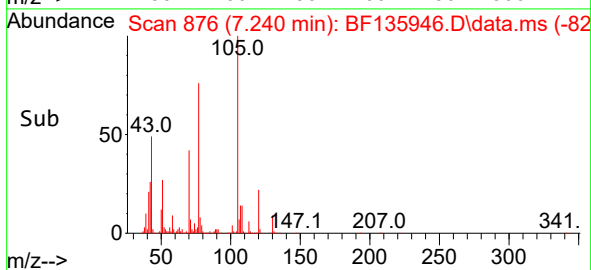
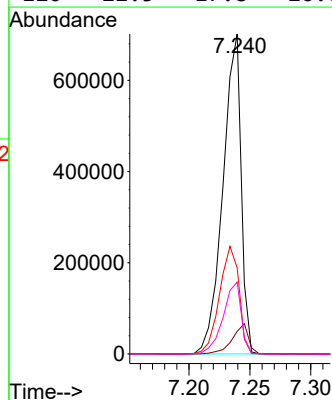
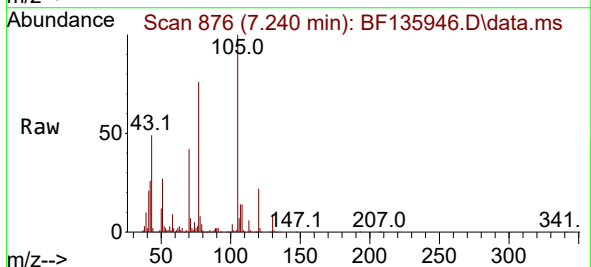
Instrument :
BNA_F
ClientSampleId :
PB156430BS

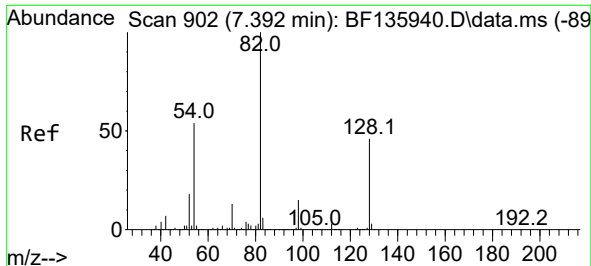
Tgt Ion:136 Resp: 700629
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.4 7.1 10.7
68 6.0 5.2 7.8



#22
Acetophenone
Concen: 46.136 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:105 Resp: 730069
Ion Ratio Lower Upper
105 100
71 7.1 3.4 5.2#
51 26.9 28.4 42.6#
120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 93.238 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

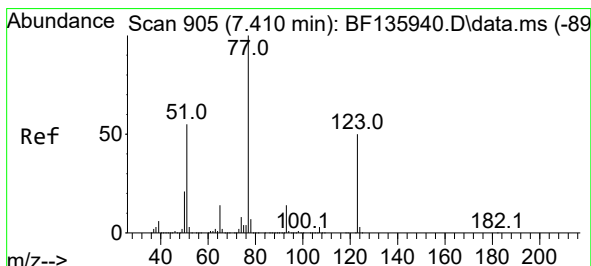
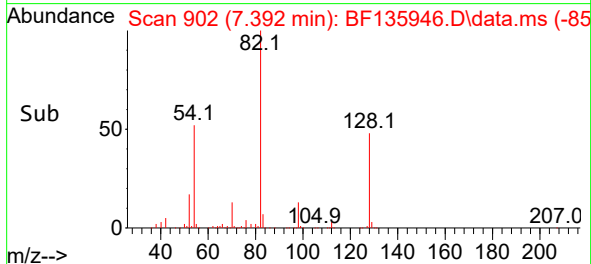
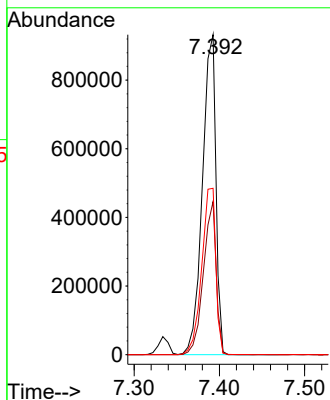
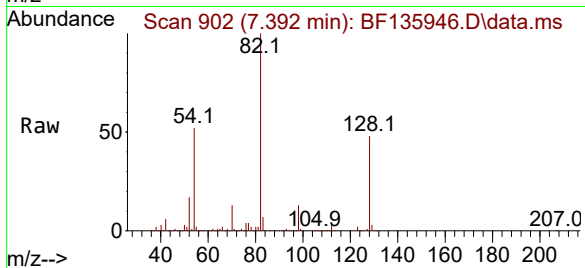
Tgt Ion: 82 Resp: 1023228

Ion Ratio Lower Upper

82 100

128 47.8 36.8 55.2

54 52.0 43.4 65.0



#24

Nitrobenzene

Concen: 47.027 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

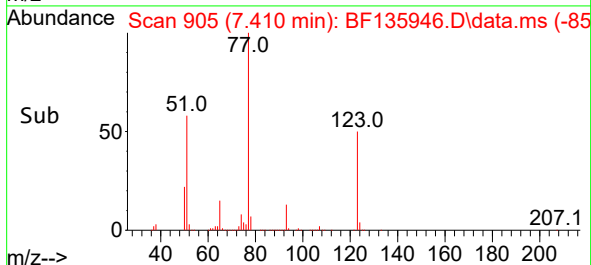
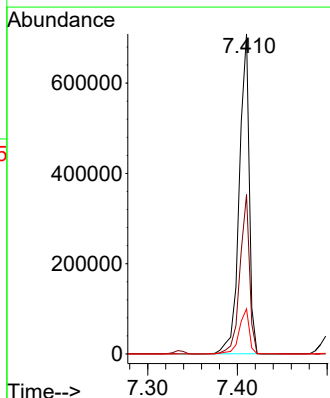
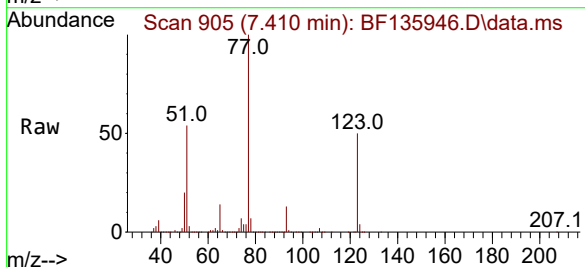
Tgt Ion: 77 Resp: 545005

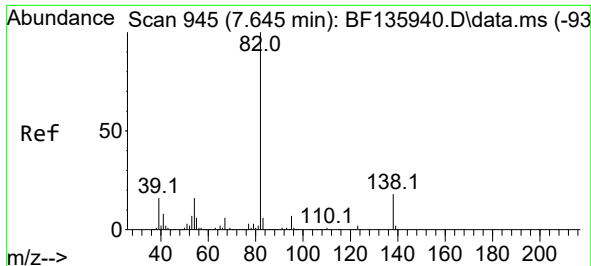
Ion Ratio Lower Upper

77 100

123 49.8 40.2 60.2

65 14.1 11.0 16.4

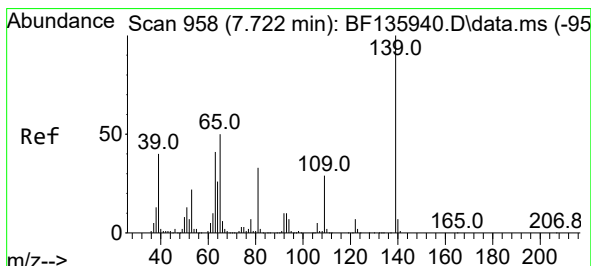
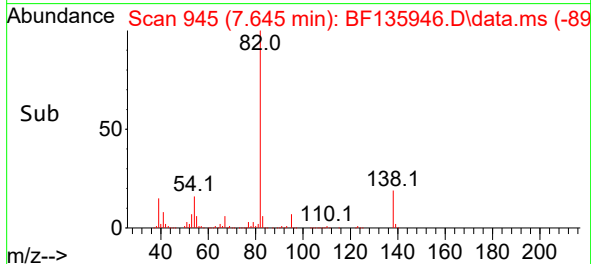
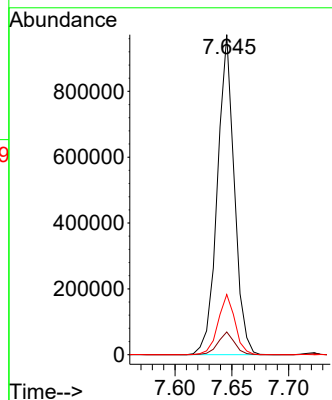
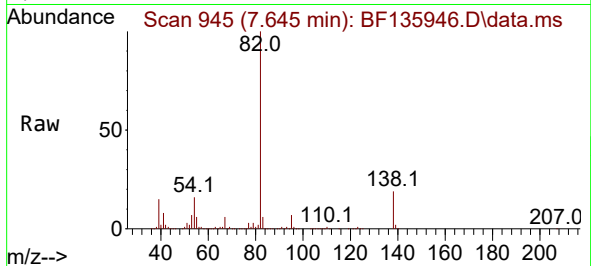




#25
Isophorone
Concen: 45.522 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

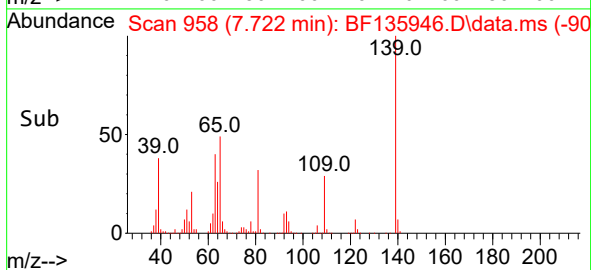
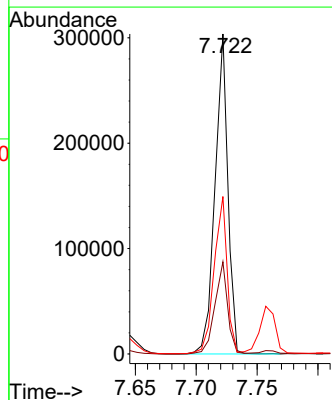
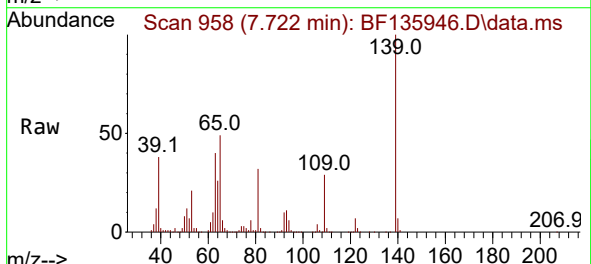
Instrument :
BNA_F
ClientSampleId :
PB156430BS

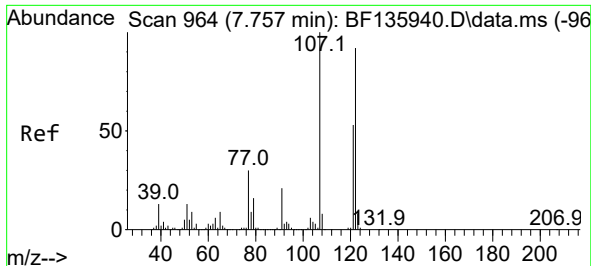
Tgt Ion: 82 Resp: 1008137
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.8 14.8 22.2



#26
2-Nitrophenol
Concen: 52.599 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:139 Resp: 222729
Ion Ratio Lower Upper
139 100
109 28.8 23.1 34.7
65 49.2 39.8 59.8

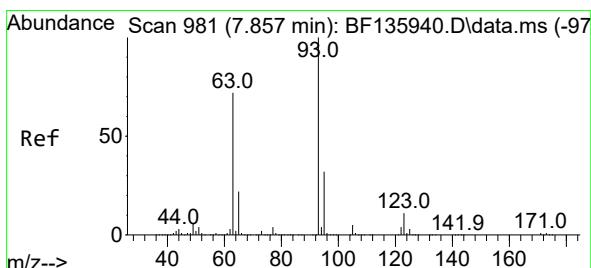
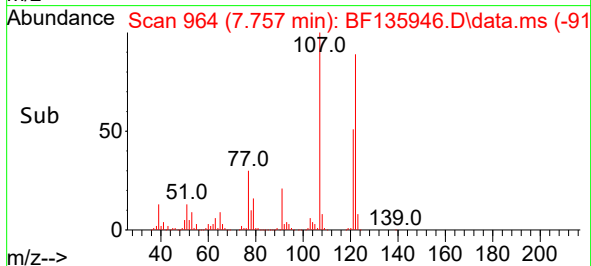
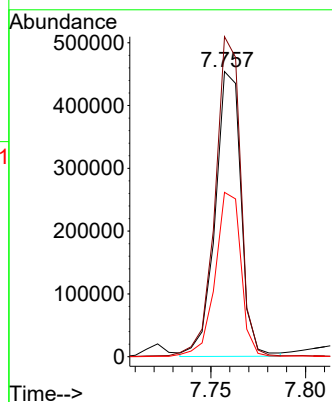
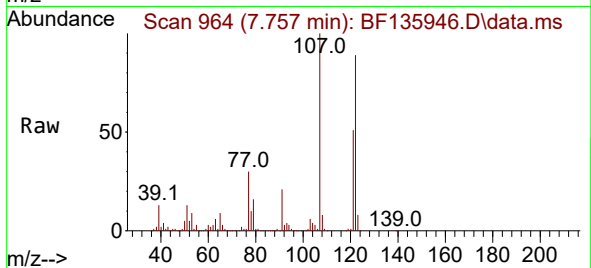




#27
2,4-Dimethylphenol
Concen: 42.595 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

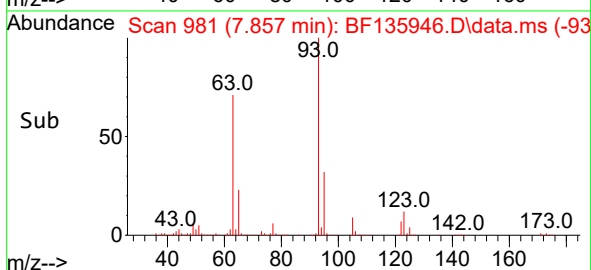
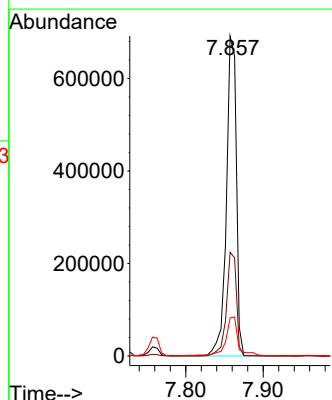
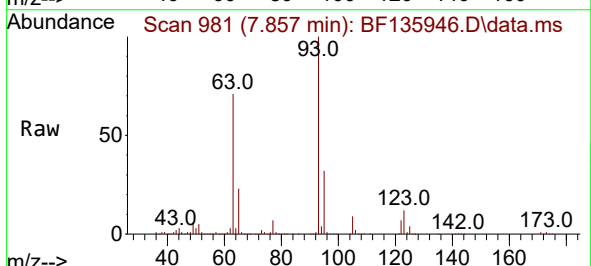
Instrument :
BNA_F
ClientSampleId :
PB156430BS

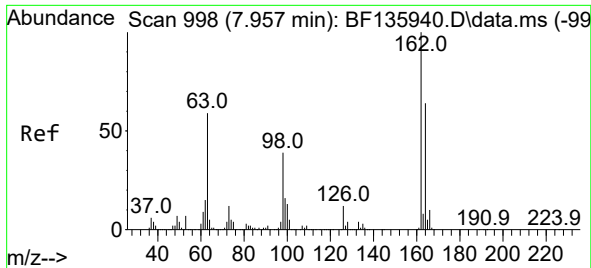
Tgt Ion:122 Resp: 429931
Ion Ratio Lower Upper
122 100
107 112.2 87.1 130.7
121 57.6 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 45.358 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion: 93 Resp: 616842
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.9 9.0 13.6

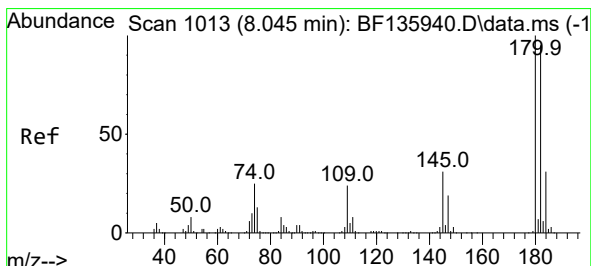
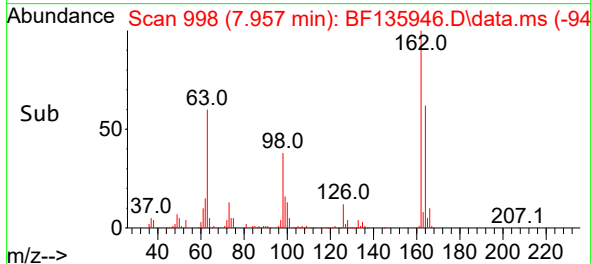
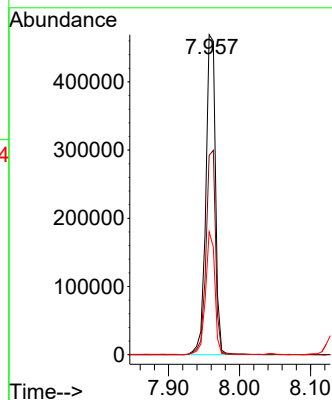
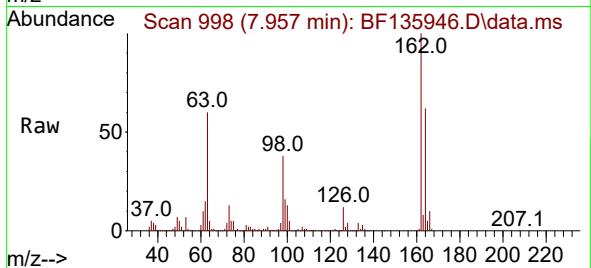




#29
2,4-Dichlorophenol
Concen: 49.156 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

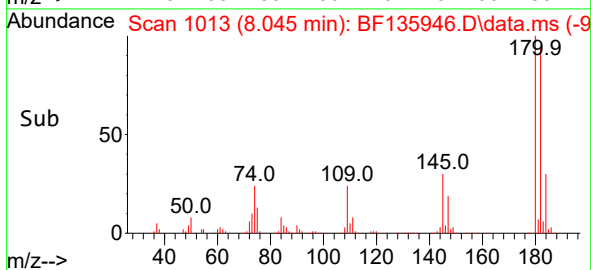
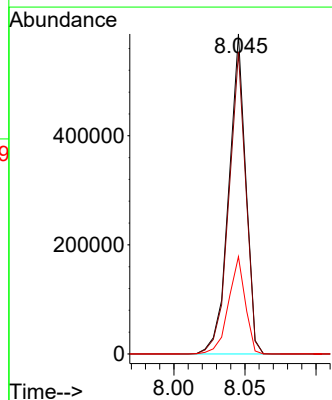
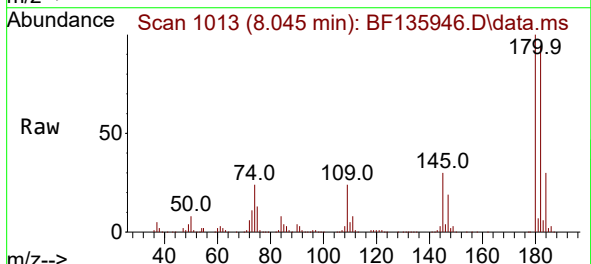
Instrument :
BNA_F
ClientSampleId :
PB156430BS

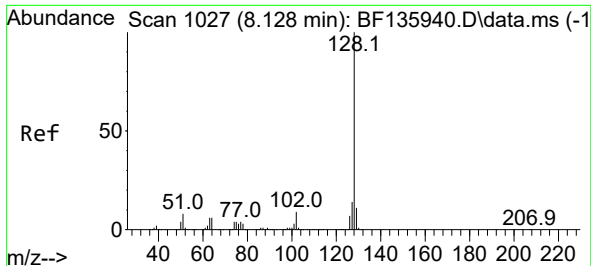
Tgt Ion:162 Resp: 444295
Ion Ratio Lower Upper
162 100
164 62.3 43.7 83.7
98 38.4 18.8 58.8



#30
1,2,4-Trichlorobenzene
Concen: 47.610 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:180 Resp: 487222
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 30.4 24.6 36.8

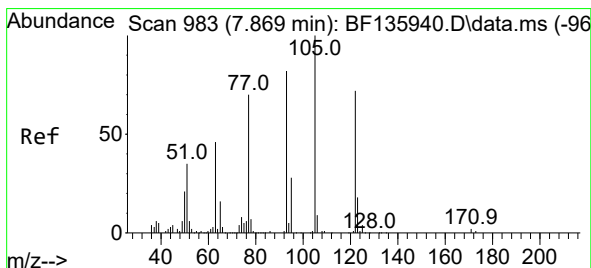
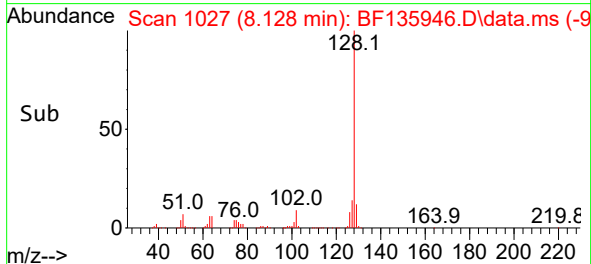
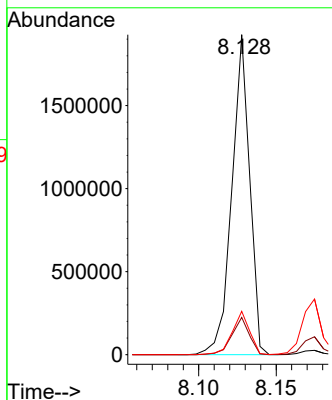
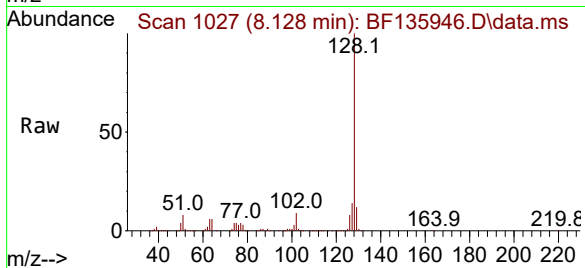




#31
Naphthalene
Concen: 45.478 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

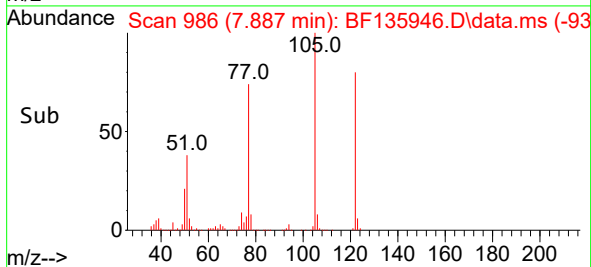
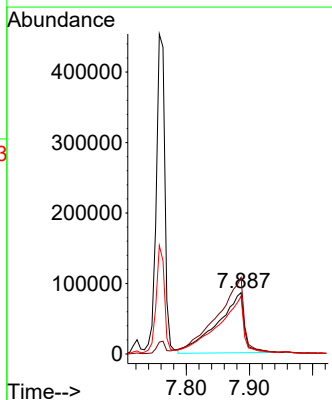
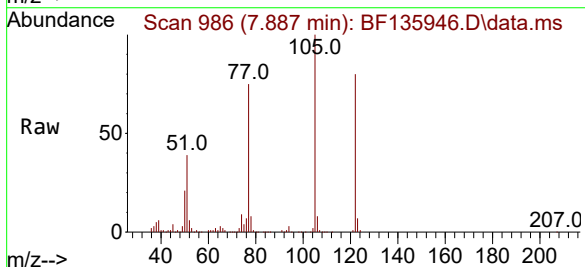
Instrument :
BNA_F
ClientSampleId :
PB156430BS

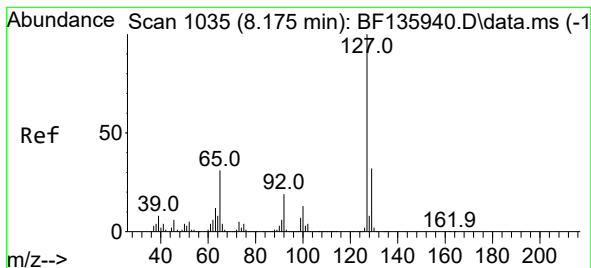
Tgt Ion:128 Resp: 1540514
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 50.817 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:122 Resp: 254652
Ion Ratio Lower Upper
122 100
105 124.8 113.1 153.1
77 94.0 75.2 115.2





#33

4-Chloroaniline

Concen: 19.508 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

Tgt Ion:127 Resp: 292062

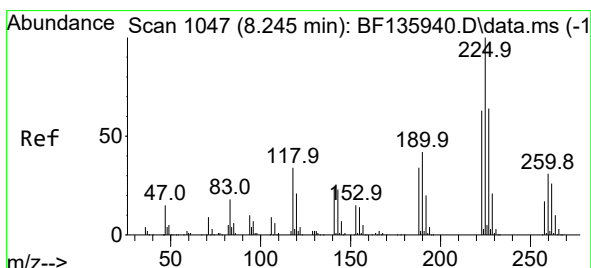
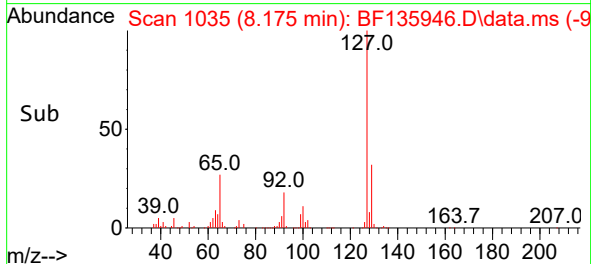
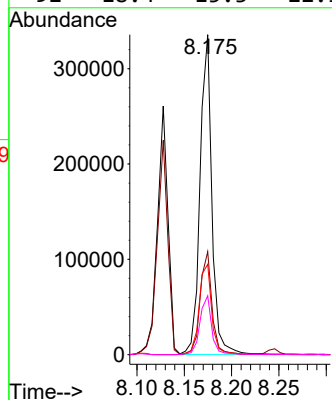
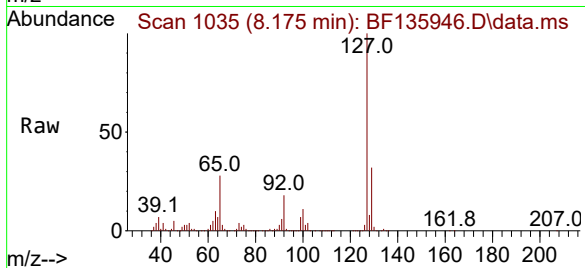
Ion Ratio Lower Upper

127 100

129 32.2 25.7 38.5

65 28.3 24.8 37.2

92 18.4 15.3 22.9



#34

Hexachlorobutadiene

Concen: 47.043 ng

RT: 8.245 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

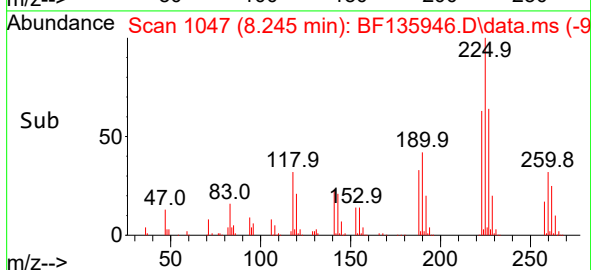
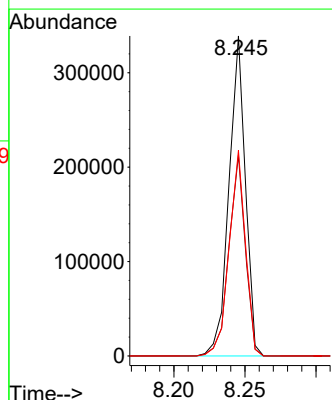
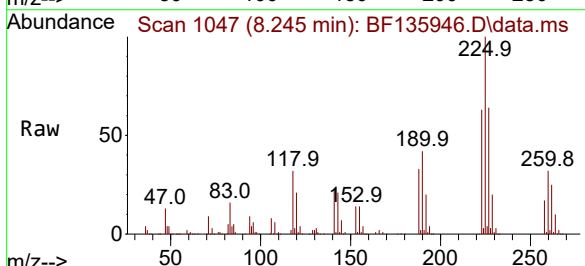
Tgt Ion:225 Resp: 271351

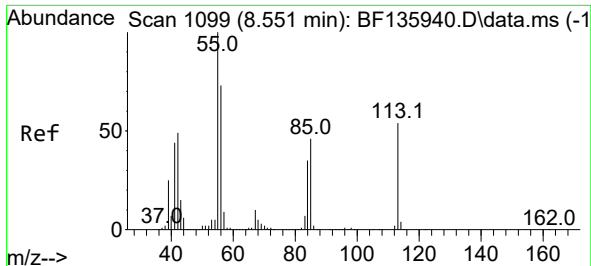
Ion Ratio Lower Upper

225 100

223 62.7 50.6 75.8

227 64.2 50.9 76.3

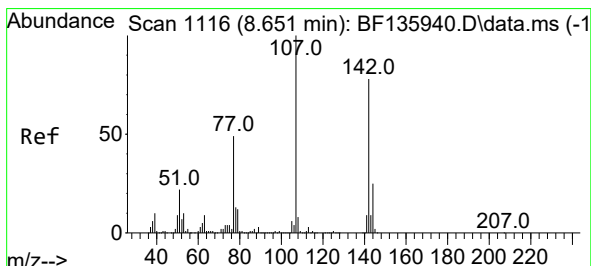
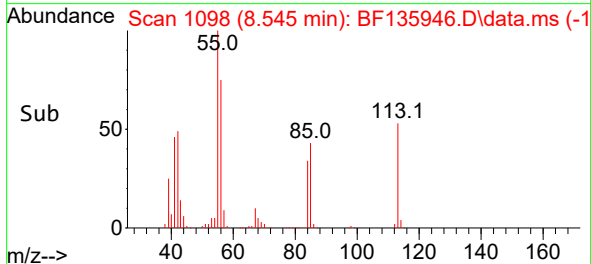
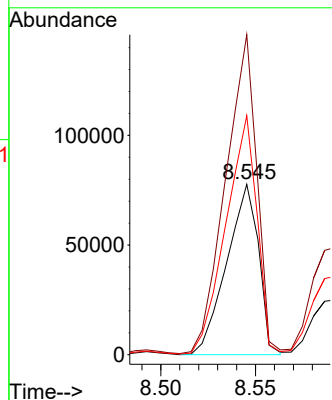
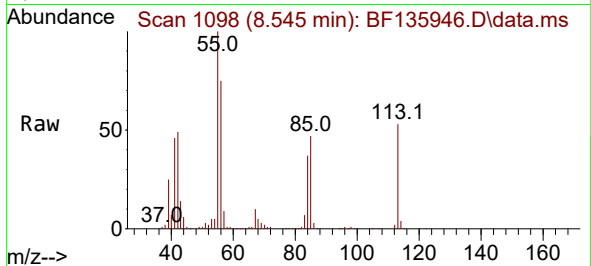




#35
Caprolactam
Concen: 30.143 ng
RT: 8.545 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

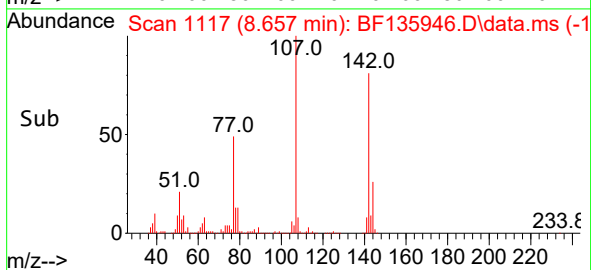
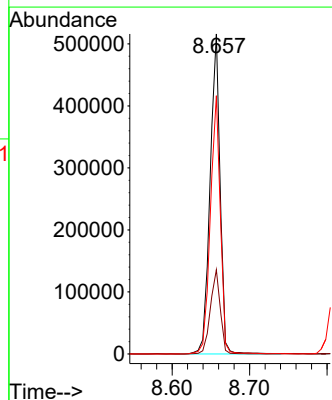
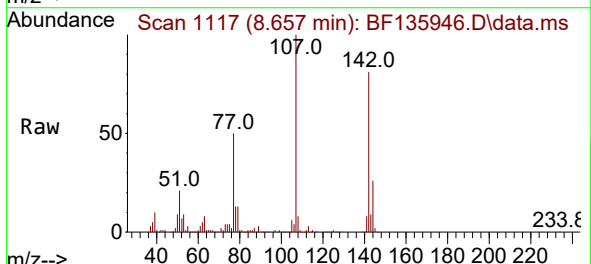
Instrument :
BNA_F
ClientSampleId :
PB156430BS

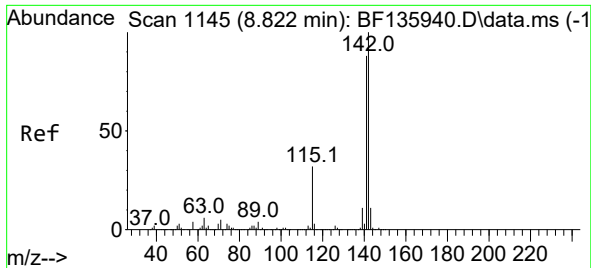
Tgt Ion:113 Resp: 90665
Ion Ratio Lower Upper
113 100
55 187.8 165.4 205.4
56 140.2 115.2 155.2



#36
4-Chloro-3-methylphenol
Concen: 48.262 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:107 Resp: 463566
Ion Ratio Lower Upper
107 100
144 26.3 19.9 29.9
142 80.7 62.8 94.2

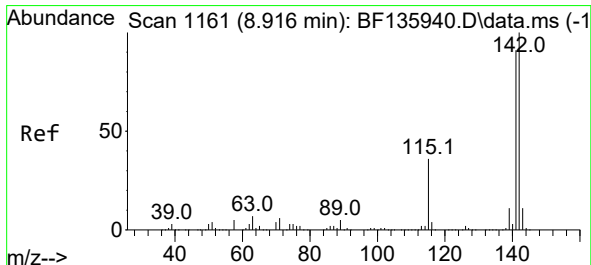
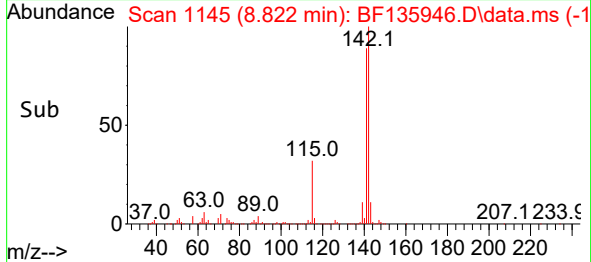
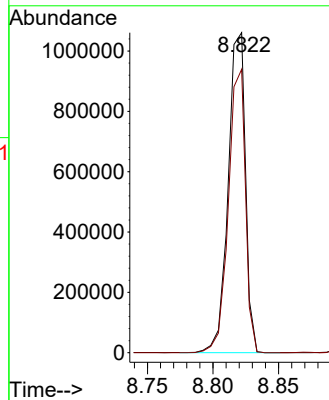
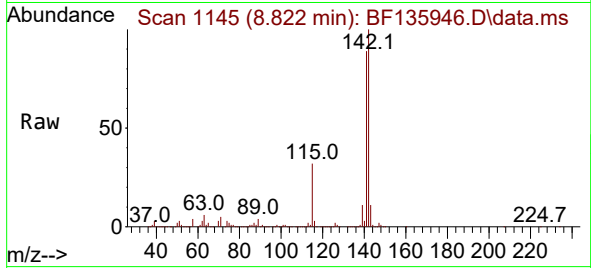




#37
2-Methylnaphthalene
Concen: 43.441 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

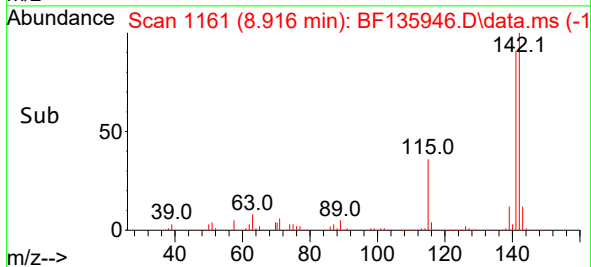
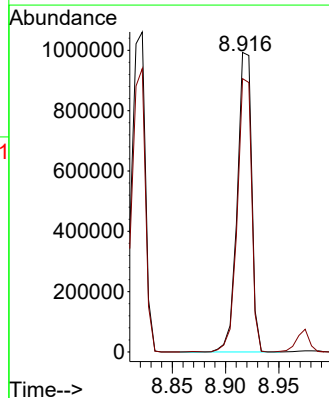
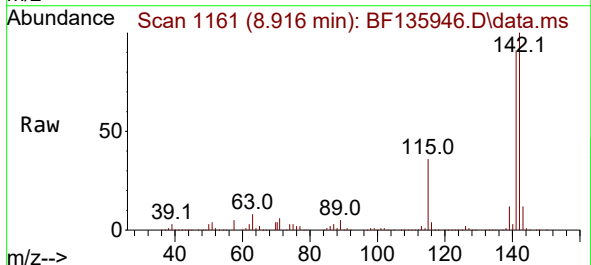
Instrument :
BNA_F
ClientSampleId :
PB156430BS

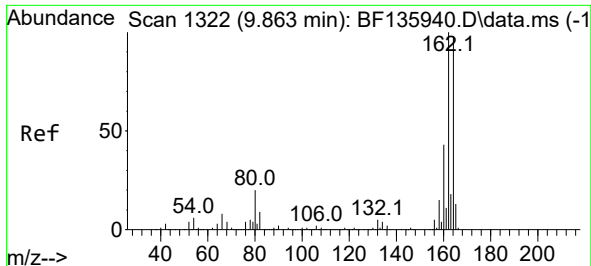
Tgt Ion:142 Resp: 973611
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6



#38
1-Methylnaphthalene
Concen: 44.884 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:142 Resp: 939958
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7

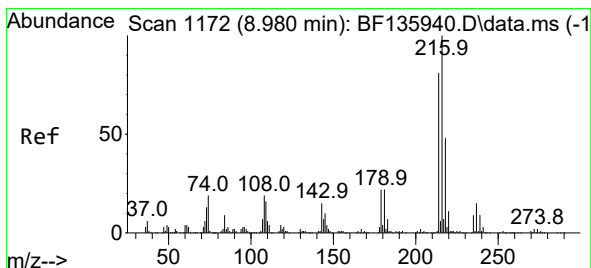
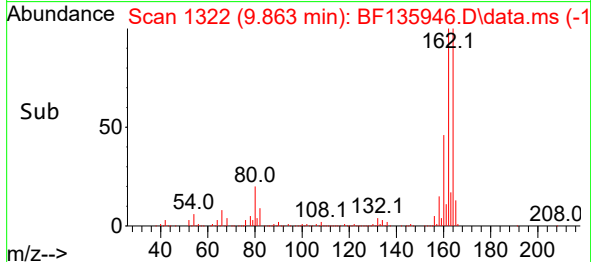
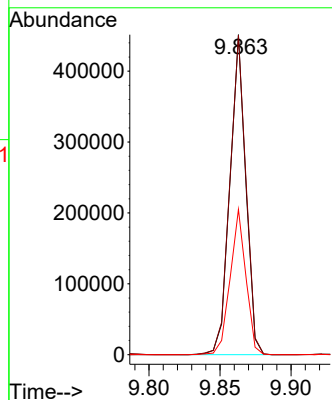
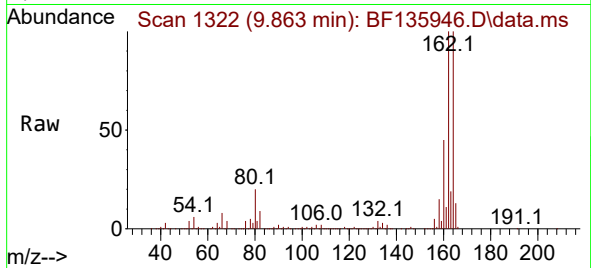




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

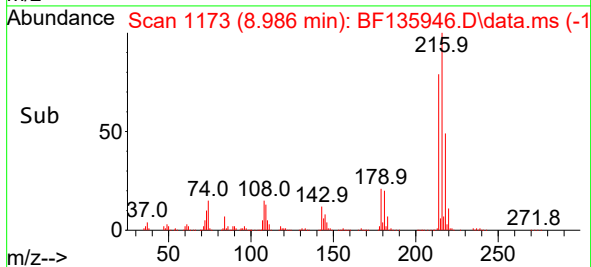
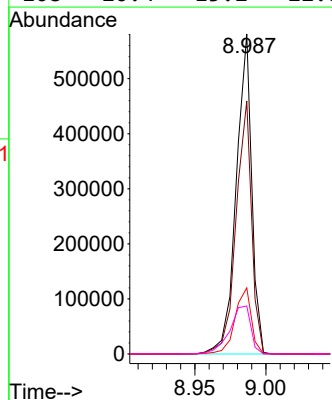
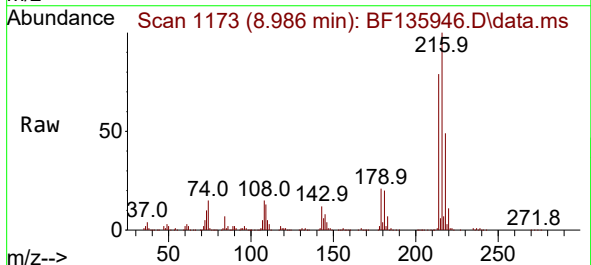
Instrument :
BNA_F
ClientSampleId :
PB156430BS

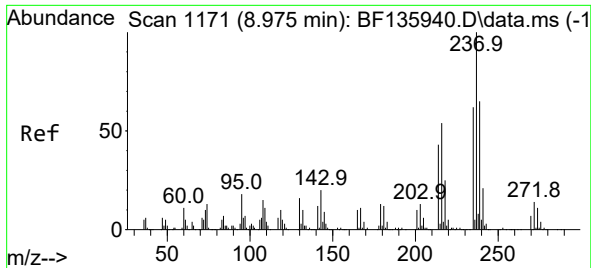
Tgt Ion:164 Resp: 350791
Ion Ratio Lower Upper
164 100
162 99.8 82.0 123.0
160 45.4 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.500 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:216 Resp: 440892
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 21.7 17.3 25.9
108 20.4 15.2 22.8

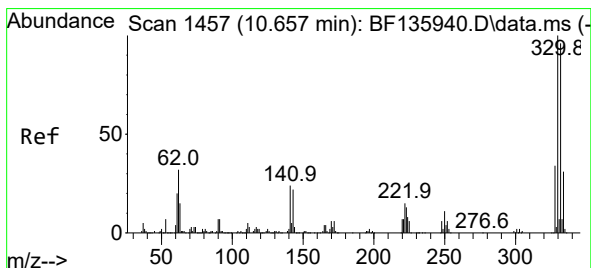
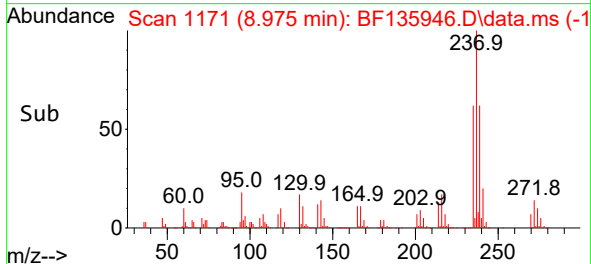
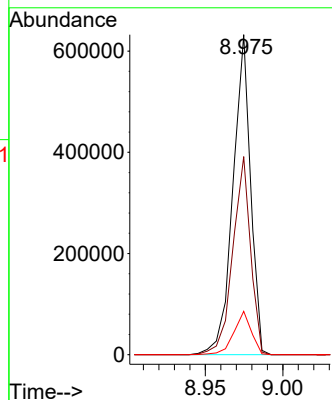
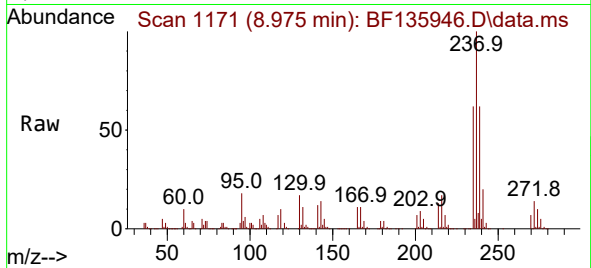




#41
Hexachlorocyclopentadiene
Concen: 102.394 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

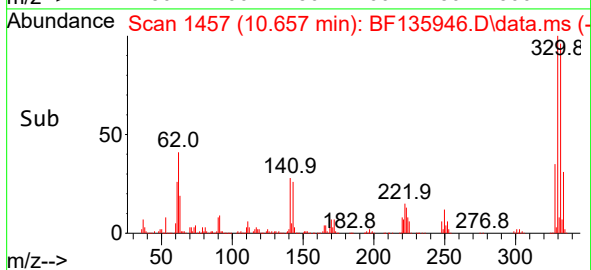
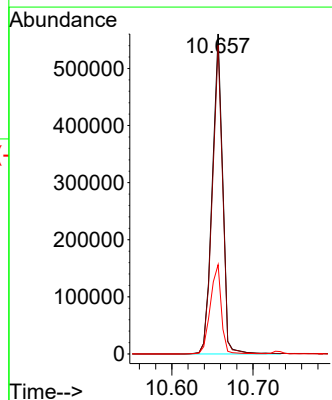
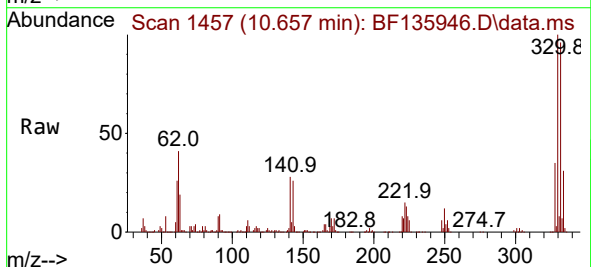
Instrument :
BNA_F
ClientSampleId :
PB156430BS

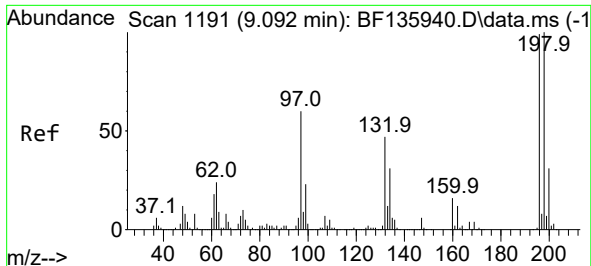
Tgt Ion:237 Resp: 500232
Ion Ratio Lower Upper
237 100
235 61.9 41.7 81.7
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 161.476 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:330 Resp: 495807
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 29.6 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 51.573 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

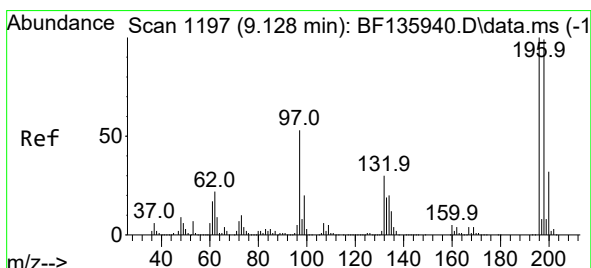
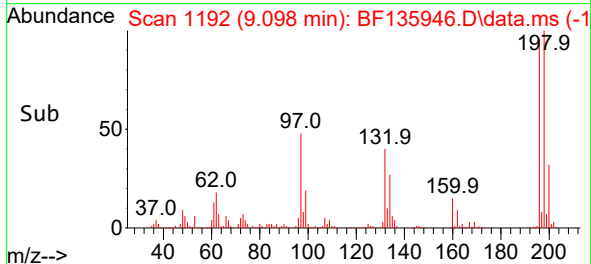
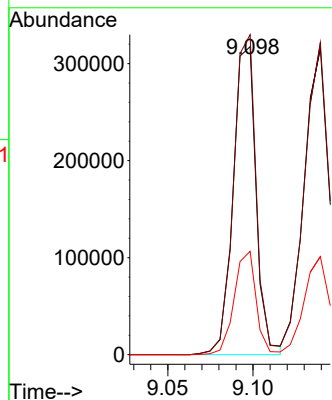
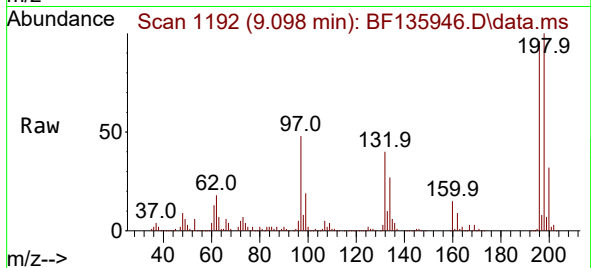
Tgt Ion:196 Resp: 299064

Ion Ratio Lower Upper

196 100

198 103.9 81.0 121.4

200 33.6 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 47.849 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Tgt Ion:196 Resp: 329443

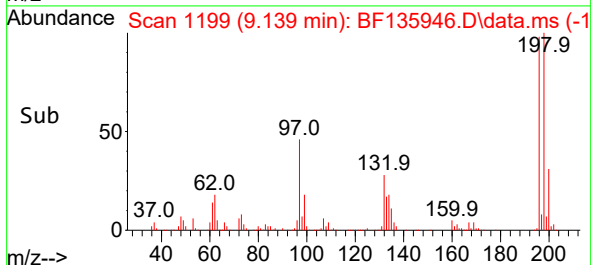
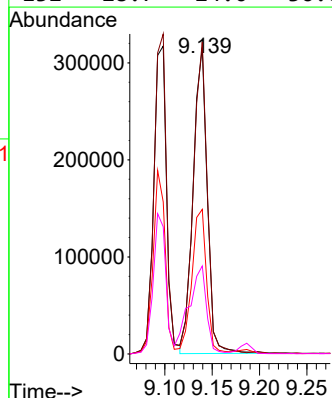
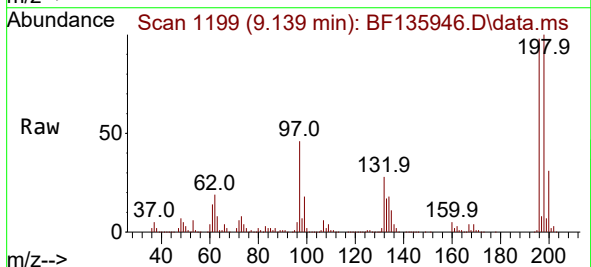
Ion Ratio Lower Upper

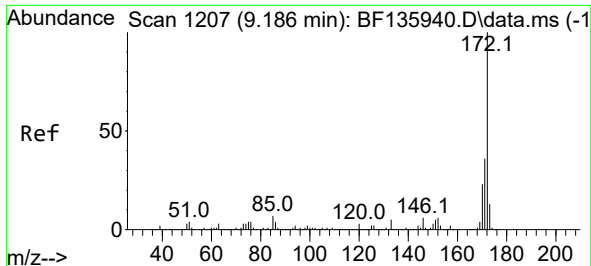
196 100

198 101.8 79.1 118.7

97 47.2 42.3 63.5

132 28.7 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 86.703 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

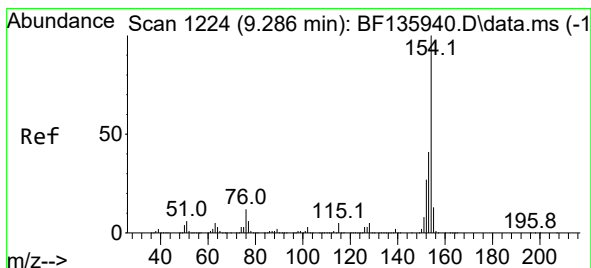
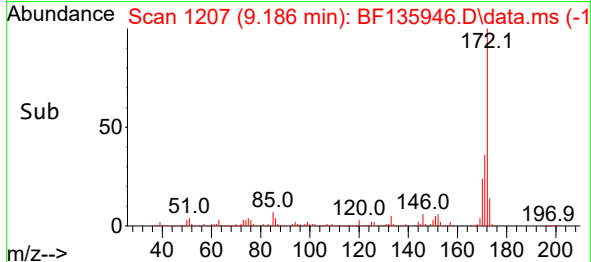
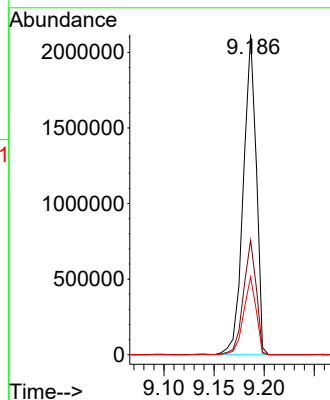
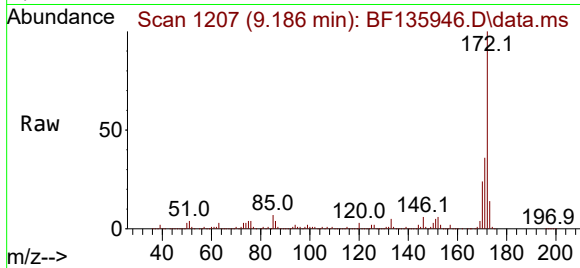
Tgt Ion:172 Resp: 1899423

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.596 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

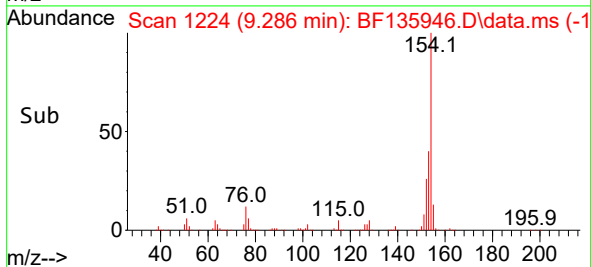
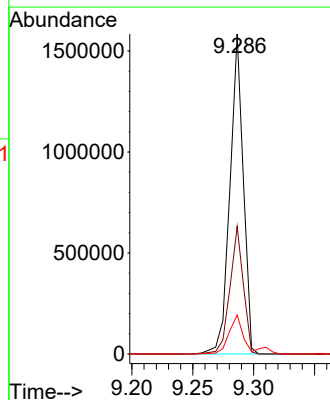
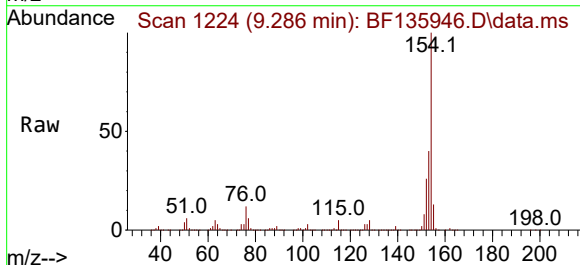
Tgt Ion:154 Resp: 1211966

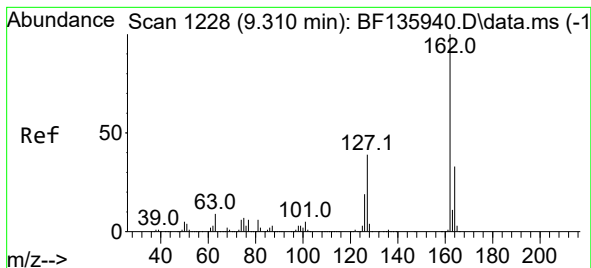
Ion Ratio Lower Upper

154 100

153 39.8 20.7 60.7

76 12.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 47.124 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

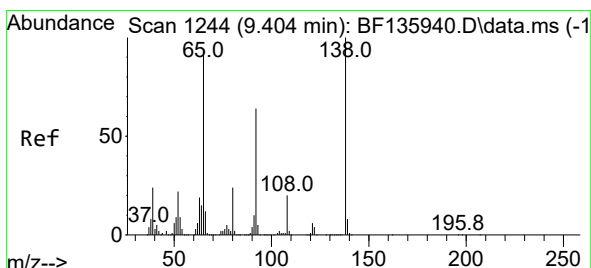
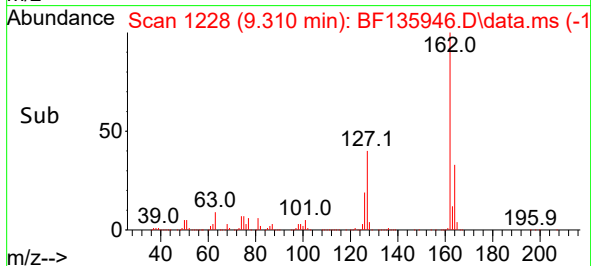
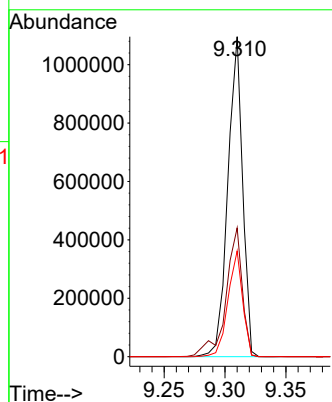
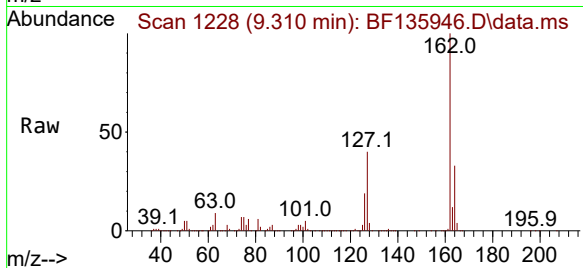
Tgt Ion:162 Resp: 926497

Ion Ratio Lower Upper

162 100

127 40.3 31.0 46.4

164 33.1 26.6 39.8



#48

2-Nitroaniline

Concen: 49.919 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

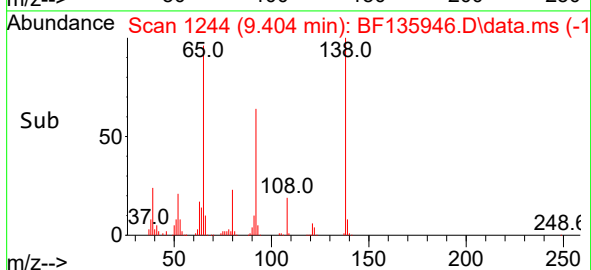
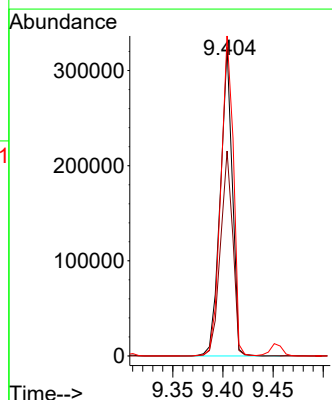
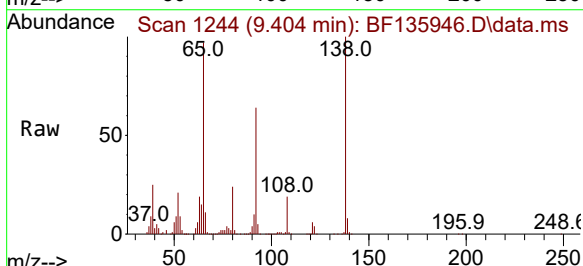
Tgt Ion: 65 Resp: 270452

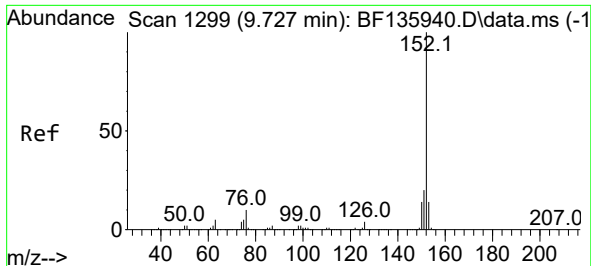
Ion Ratio Lower Upper

65 100

92 66.4 54.9 82.3

138 103.6 85.2 127.8





#49

Acenaphthylene

Concen: 47.745 ng

RT: 9.728 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

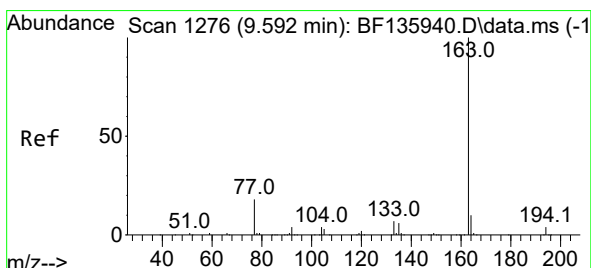
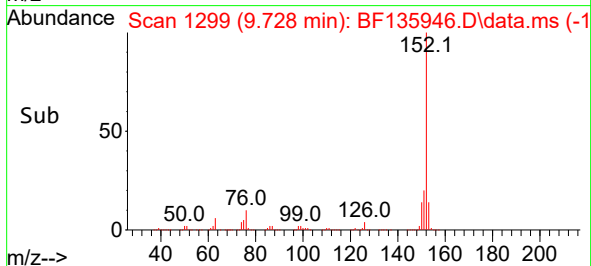
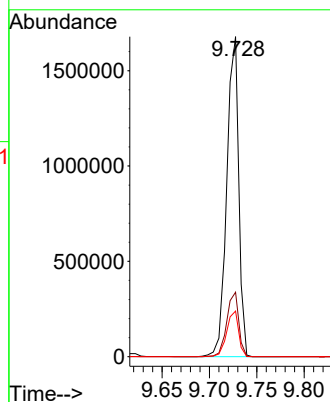
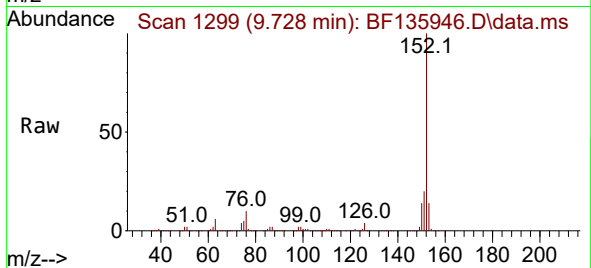
Tgt Ion:152 Resp: 1480889

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 14.2 11.0 16.6



#50

Dimethylphthalate

Concen: 45.899 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

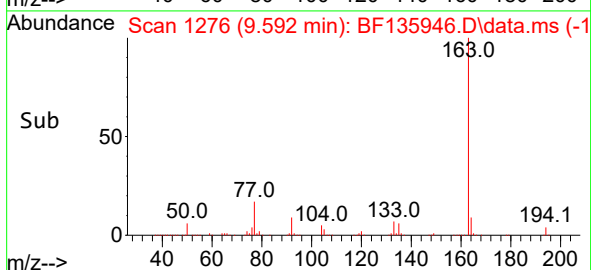
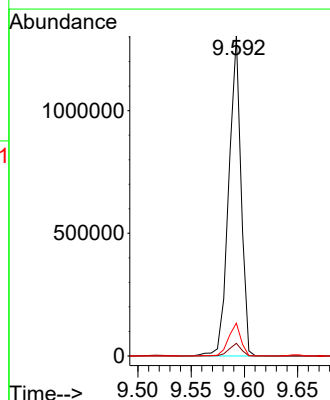
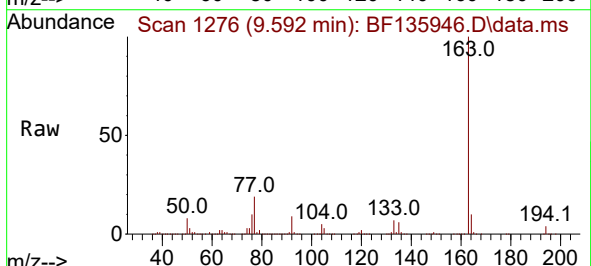
Tgt Ion:163 Resp: 1044138

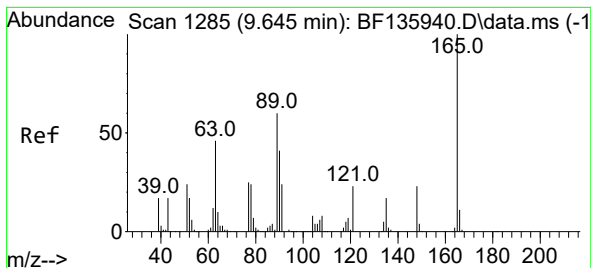
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 48.973 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

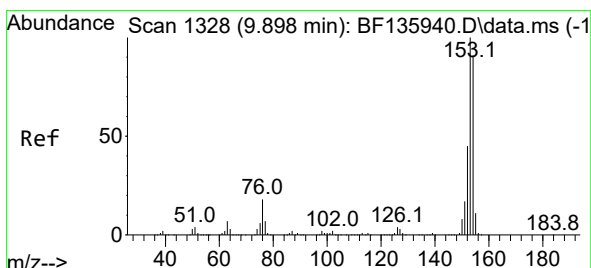
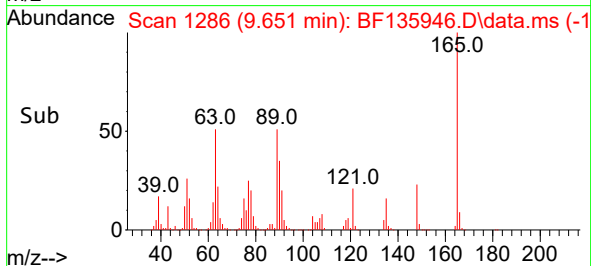
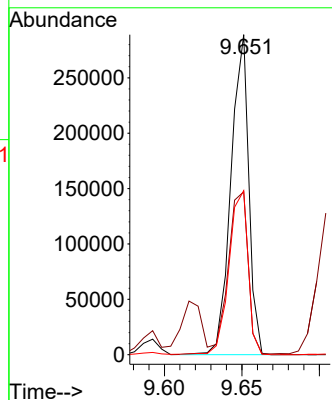
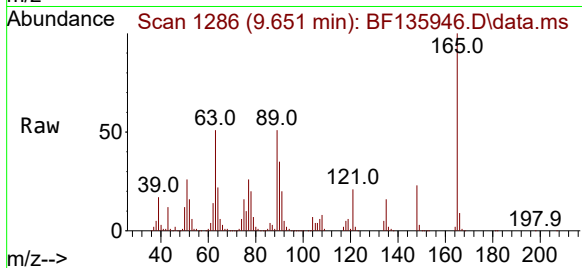
Tgt Ion:165 Resp: 231479

Ion Ratio Lower Upper

165 100

63 50.9 51.7 77.5#

89 51.3 48.3 72.5



#52

Acenaphthene

Concen: 45.696 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

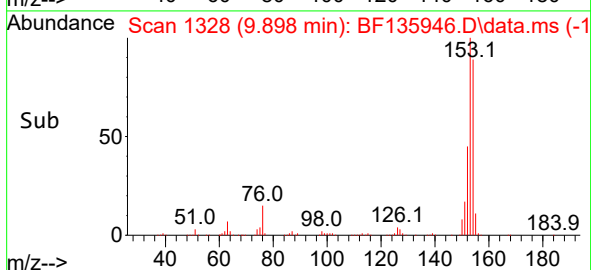
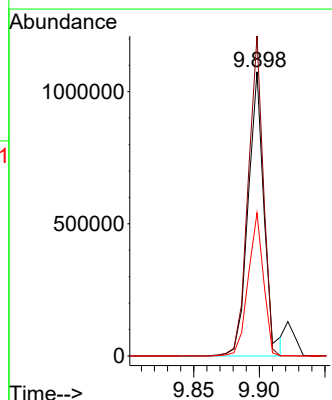
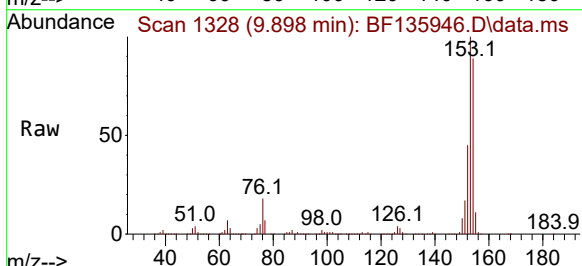
Tgt Ion:154 Resp: 908322

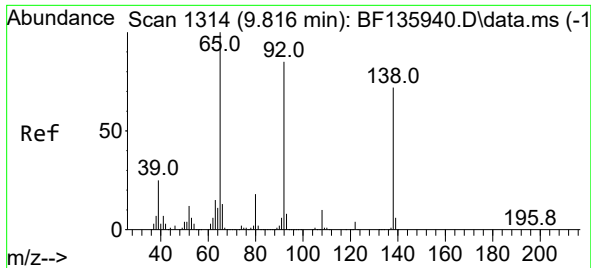
Ion Ratio Lower Upper

154 100

153 112.6 88.0 132.0

152 50.3 39.4 59.2

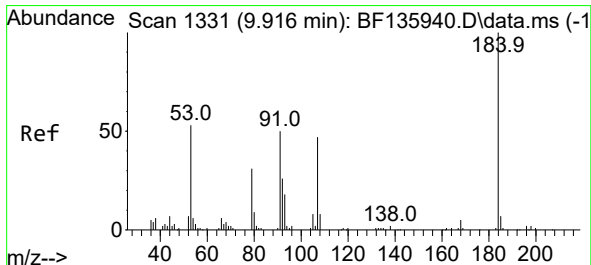
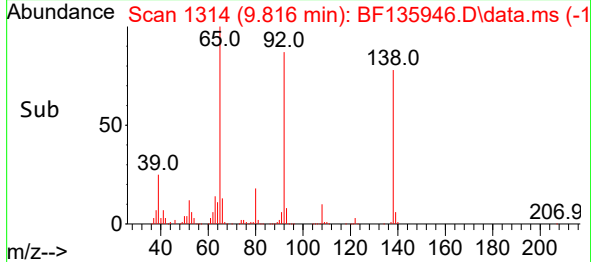
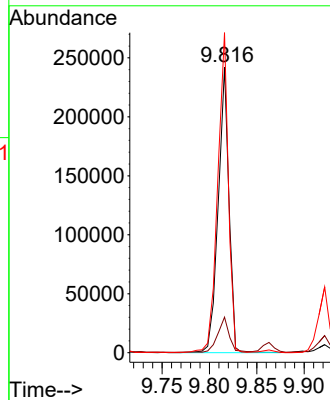
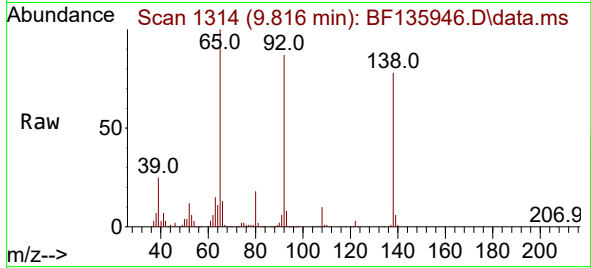




#53
3-Nitroaniline
Concen: 35.317 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

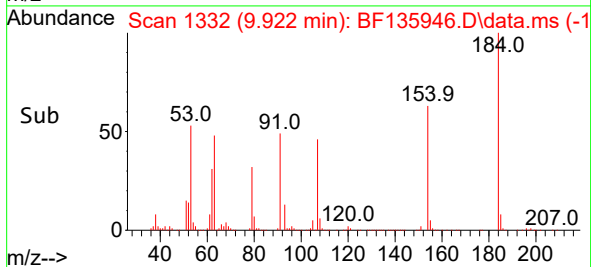
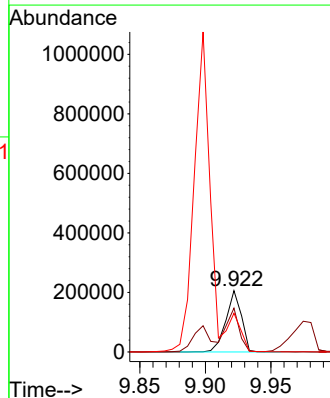
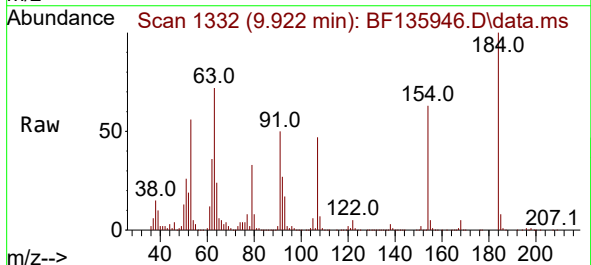
Instrument :
BNA_F
ClientSampleId :
PB156430BS

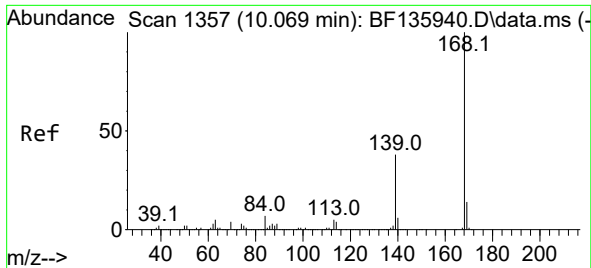
Tgt Ion:138 Resp: 191784
Ion Ratio Lower Upper
138 100
108 12.5 11.3 16.9
92 112.1 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 87.532 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:184 Resp: 169735
Ion Ratio Lower Upper
184 100
63 71.6 56.3 84.5
154 63.1 48.1 72.1

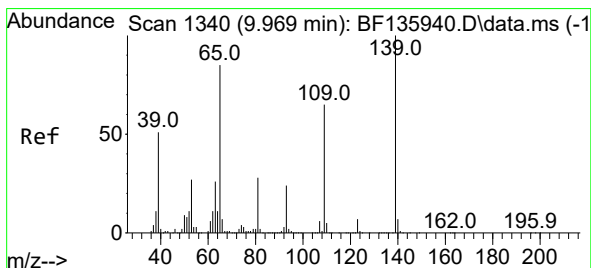
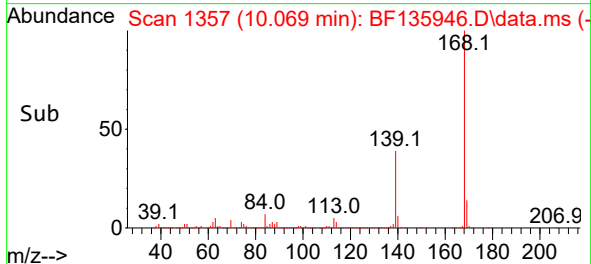
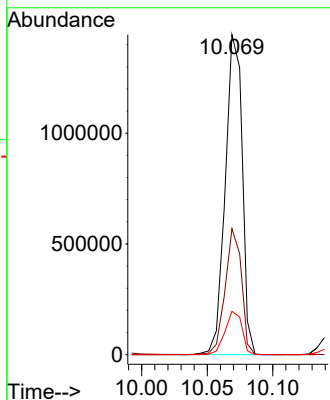
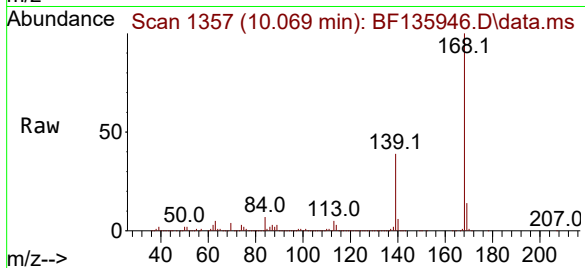




#55
Dibenzofuran
Concen: 45.273 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

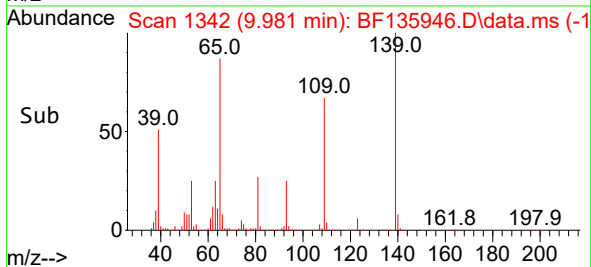
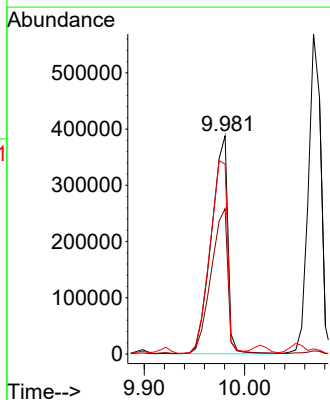
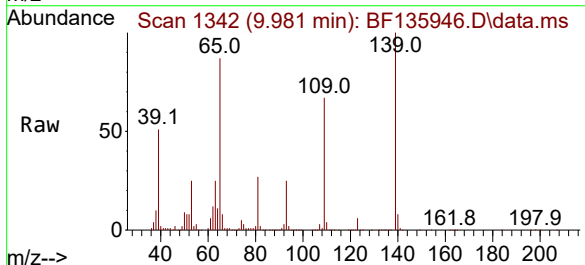
Instrument :
BNA_F
ClientSampleId :
PB156430BS

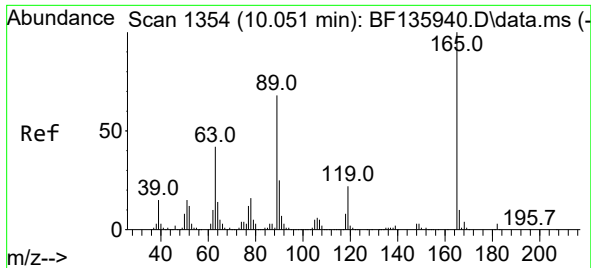
Tgt Ion:168 Resp: 1300087
Ion Ratio Lower Upper
168 100
139 39.4 30.7 46.1
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 94.634 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:139 Resp: 439914
Ion Ratio Lower Upper
139 100
109 66.6 45.2 85.2
65 87.0 65.1 105.1

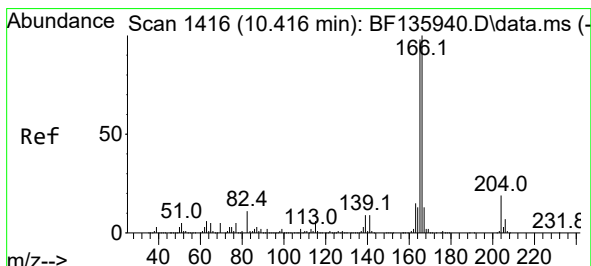
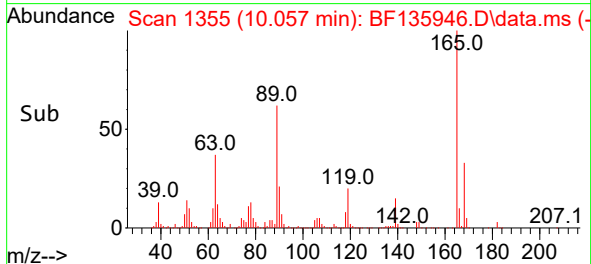
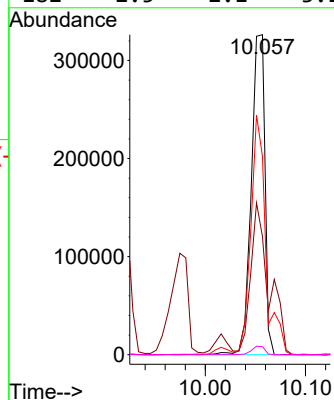
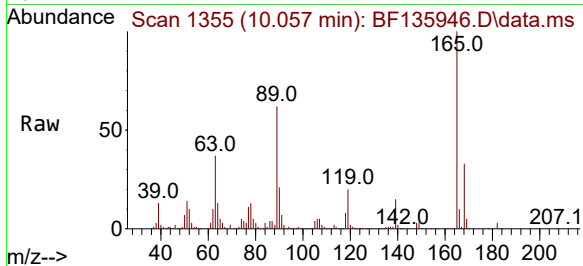




#57
2,4-Dinitrotoluene
Concen: 52.275 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

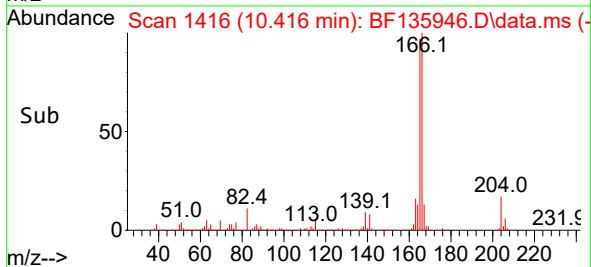
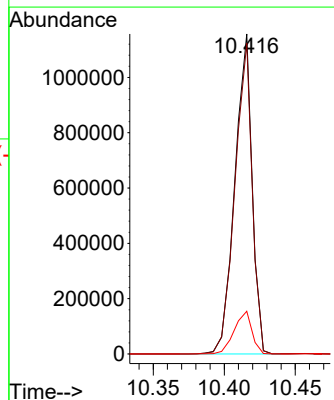
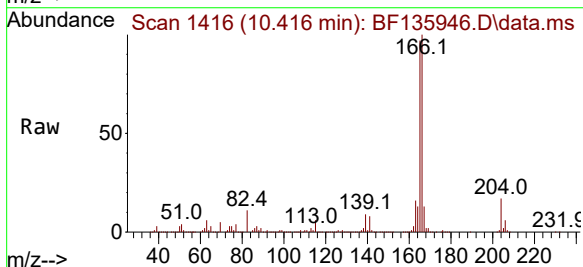
Instrument :
BNA_F
ClientSampleId :
PB156430BS

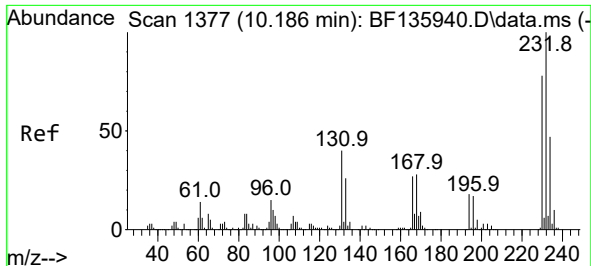
Tgt Ion:165 Resp: 308616
Ion Ratio Lower Upper
165 100
63 37.0 33.7 50.5
89 62.1 54.6 81.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 45.526 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:166 Resp: 978087
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.915 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

Tgt Ion:232 Resp: 279332

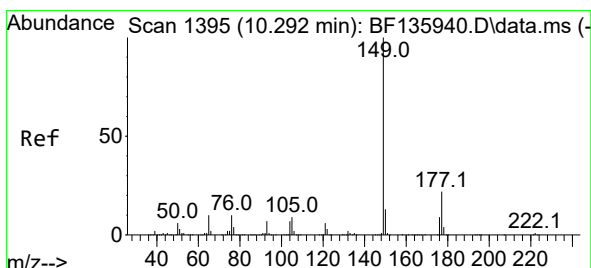
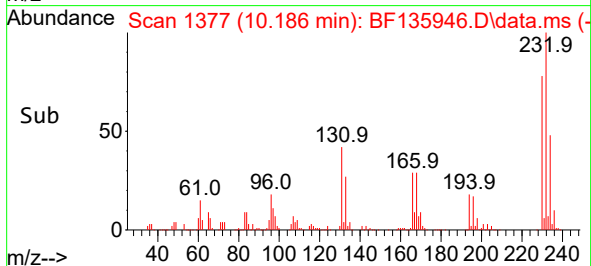
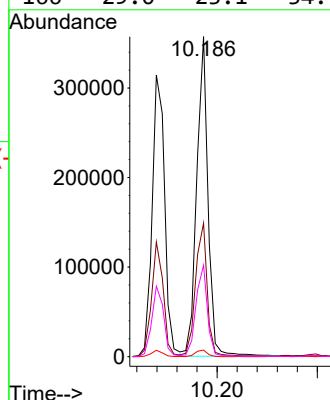
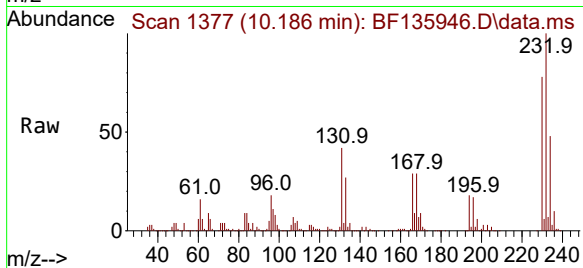
Ion Ratio Lower Upper

232 100

131 42.9 35.2 52.8

130 2.2 1.7 2.5

166 29.0 23.1 34.7



#60

Diethylphthalate

Concen: 46.545 ng

RT: 10.298 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

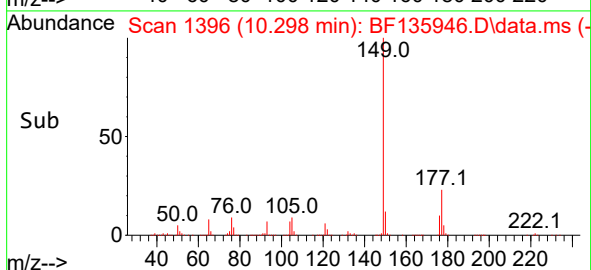
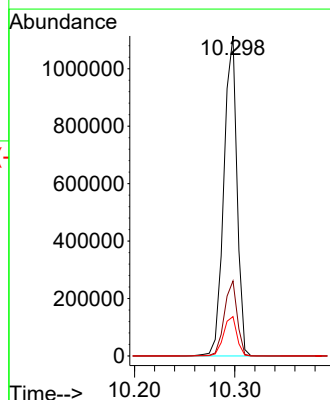
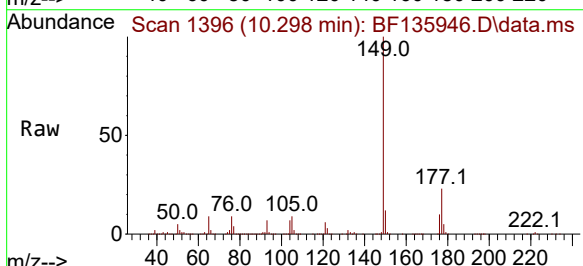
Tgt Ion:149 Resp: 1009691

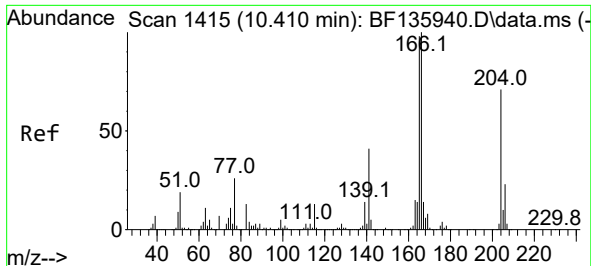
Ion Ratio Lower Upper

149 100

177 23.5 17.9 26.9

150 12.3 10.2 15.2

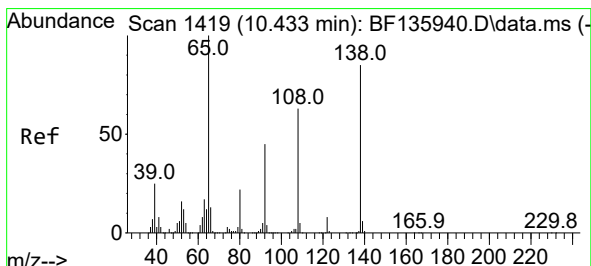
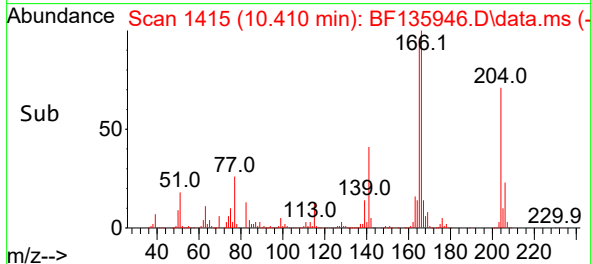
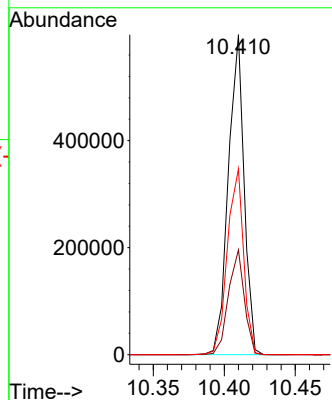
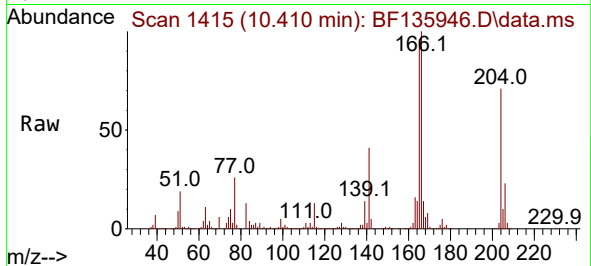




#61
4-Chlorophenyl-phenylether
Concen: 44.485 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

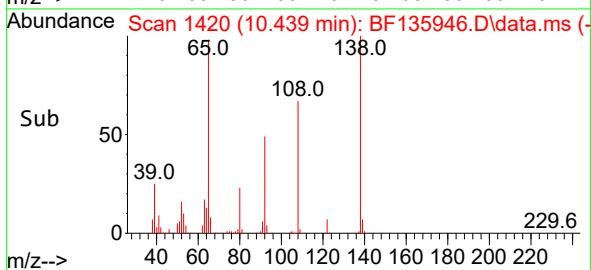
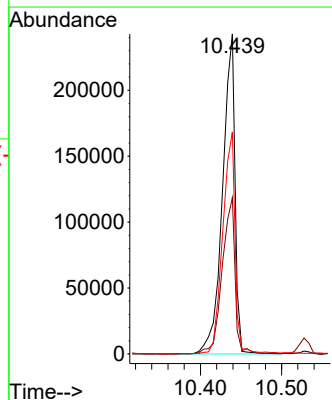
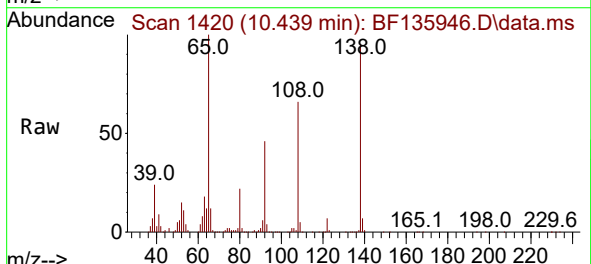
Instrument :
BNA_F
ClientSampleId :
PB156430BS

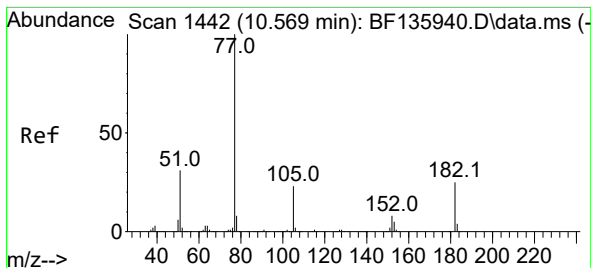
Tgt Ion:204 Resp: 461016
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.1 46.2 69.2



#62
4-Nitroaniline
Concen: 46.766 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:138 Resp: 260572
Ion Ratio Lower Upper
138 100
92 48.8 32.9 72.9
108 69.4 53.5 93.5





#63

Azobenzene

Concen: 45.397 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

Tgt Ion: 77 Resp: 999378

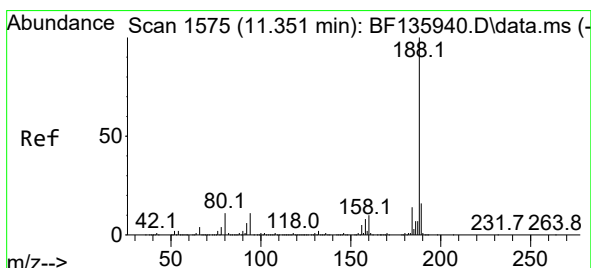
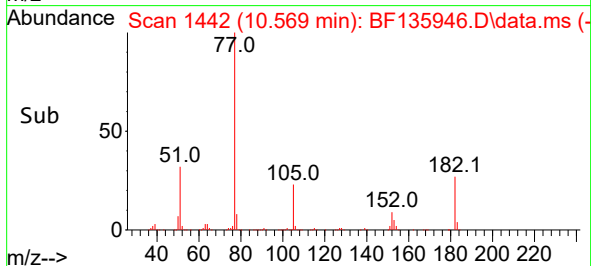
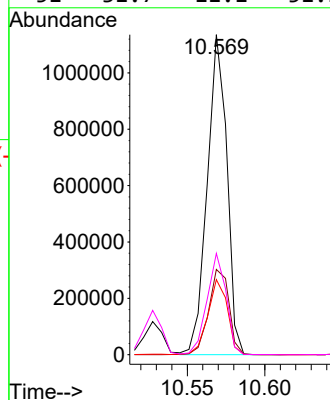
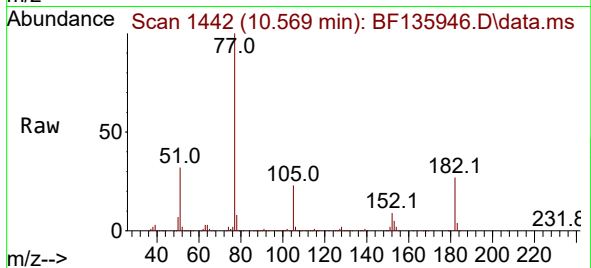
Ion Ratio Lower Upper

77 100

182 26.6 5.1 45.1

105 23.4 2.8 42.8

51 31.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

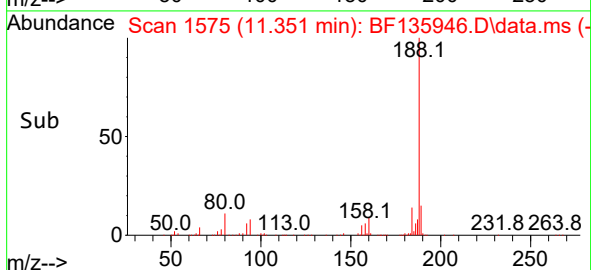
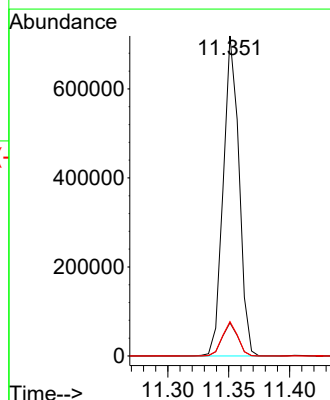
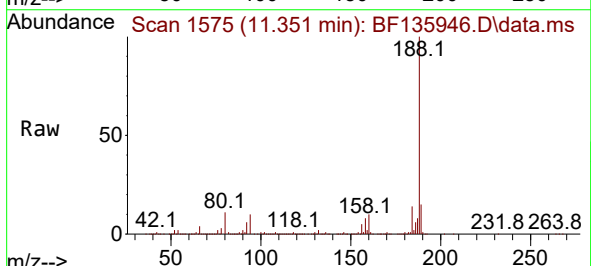
Tgt Ion:188 Resp: 648344

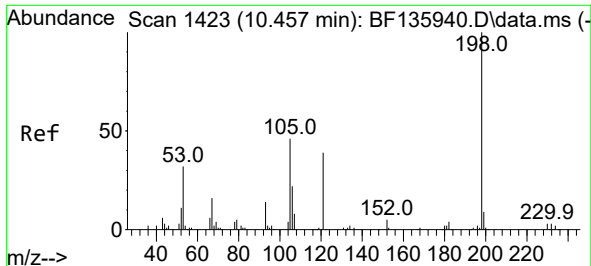
Ion Ratio Lower Upper

188 100

94 10.3 8.6 13.0

80 10.8 9.0 13.6

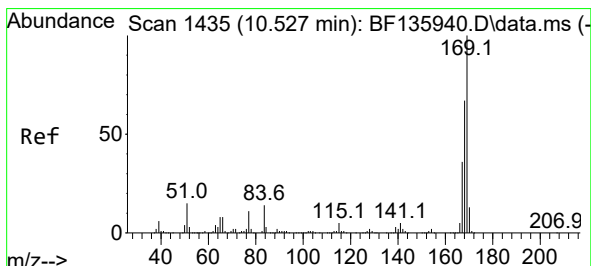
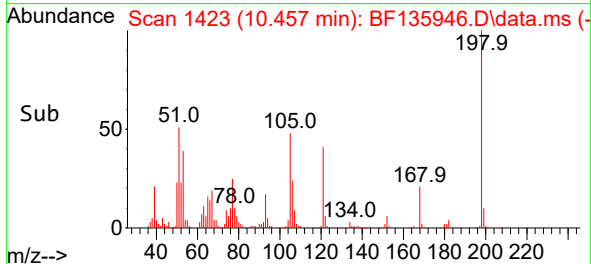
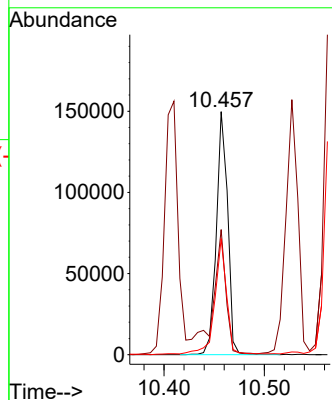
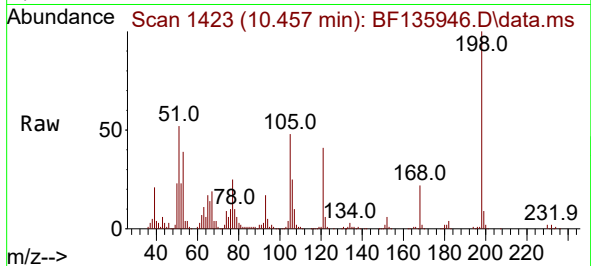




#65
4,6-Dinitro-2-methylphenol
Concen: 53.023 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

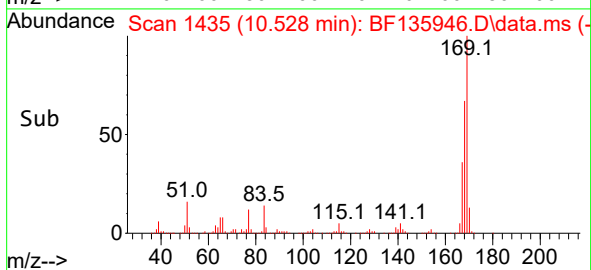
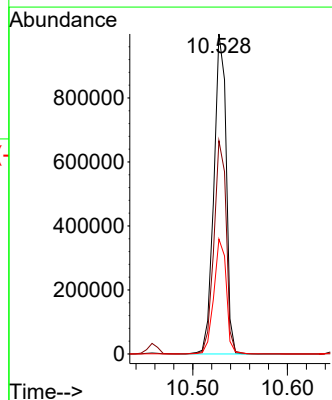
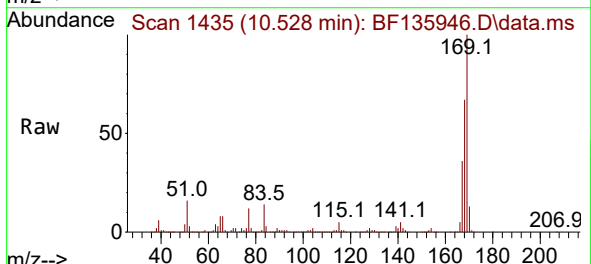
Instrument :
BNA_F
ClientSampleId :
PB156430BS

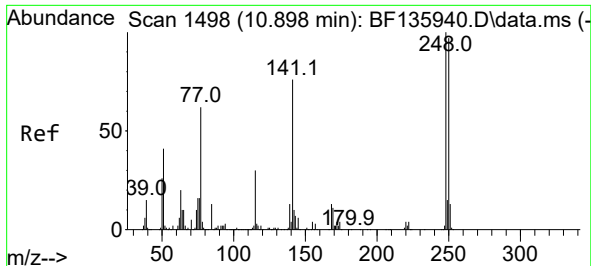
Tgt Ion:198 Resp: 117272
Ion Ratio Lower Upper
198 100
51 51.5 28.7 68.7
105 47.8 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 46.201 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:169 Resp: 904917
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 35.9 29.0 43.4

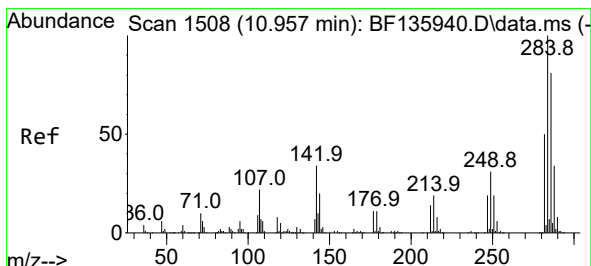
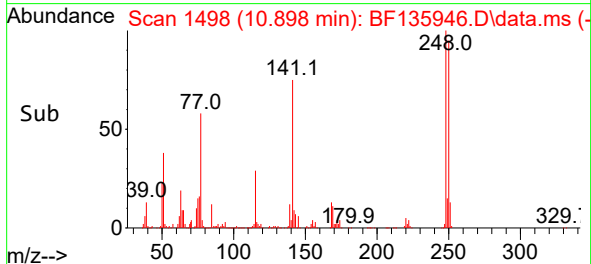
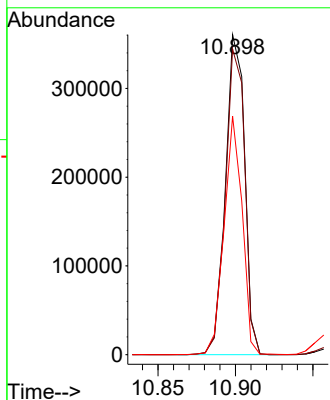
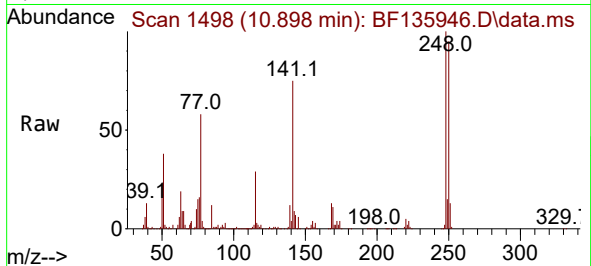




#67
4-Bromophenyl-phenylether
Concen: 46.896 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

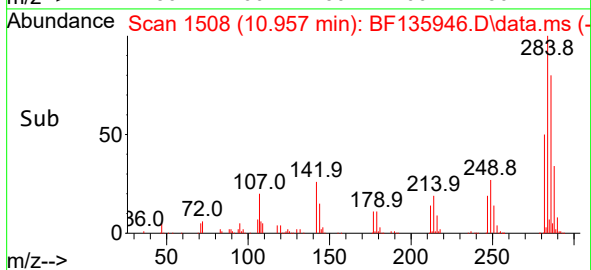
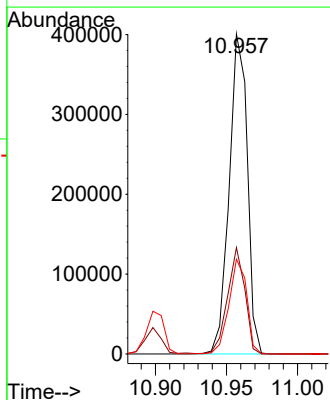
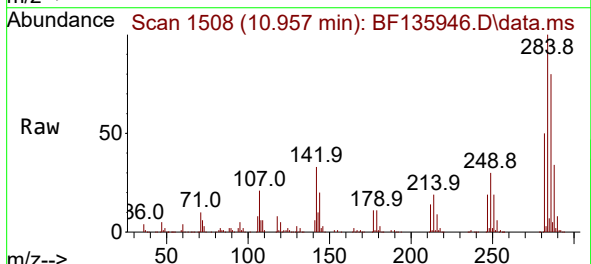
Instrument :
BNA_F
ClientSampleId :
PB156430BS

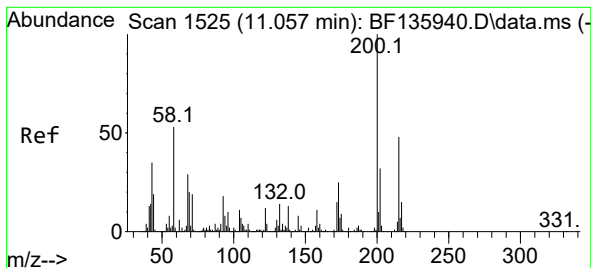
Tgt Ion:248 Resp: 311376
Ion Ratio Lower Upper
248 100
250 95.5 77.9 116.9
141 74.5 60.8 91.2



#68
Hexachlorobenzene
Concen: 50.222 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:284 Resp: 356221
Ion Ratio Lower Upper
284 100
142 33.3 27.6 41.4
249 29.6 24.7 37.1





#69

Atrazine

Concen: 56.840 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

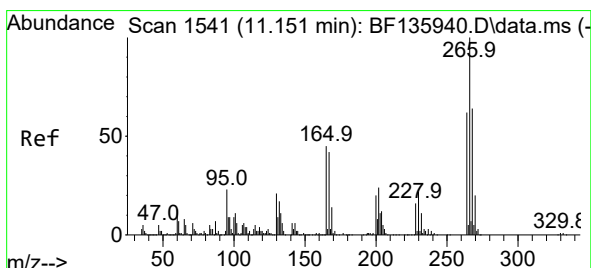
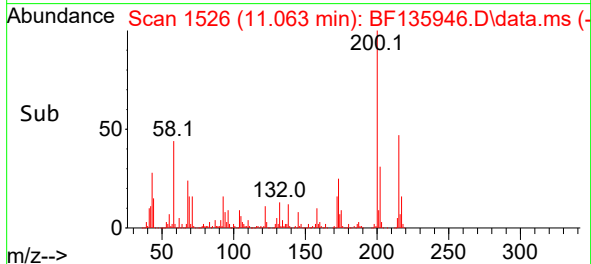
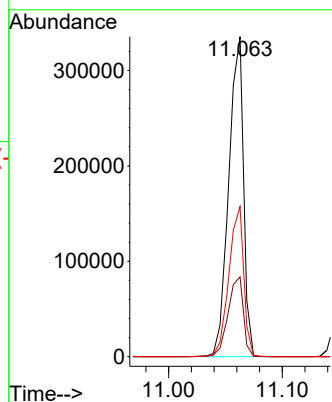
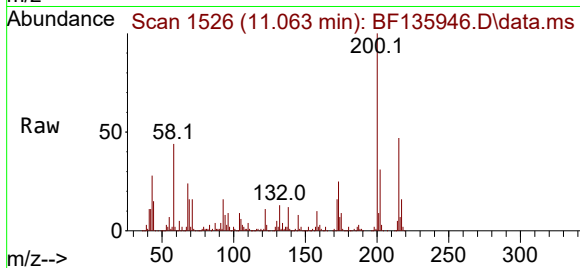
Tgt Ion:200 Resp: 303492

Ion Ratio Lower Upper

200 100

173 25.0 5.5 45.5

215 46.9 27.5 67.5



#70

Pentachlorophenol

Concen: 88.419 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

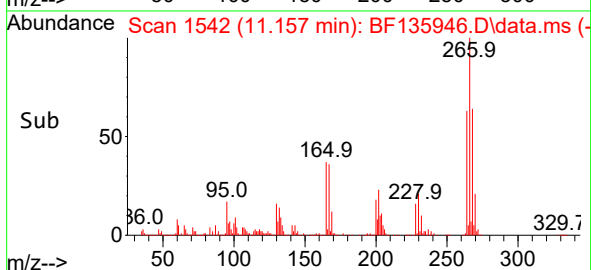
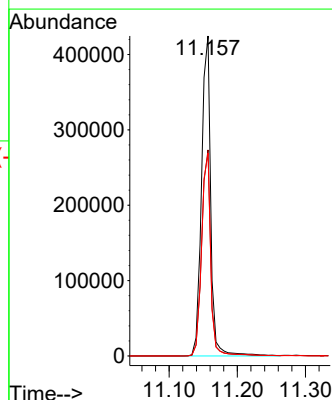
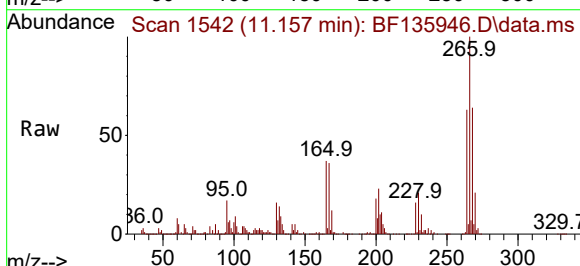
Tgt Ion:266 Resp: 399737

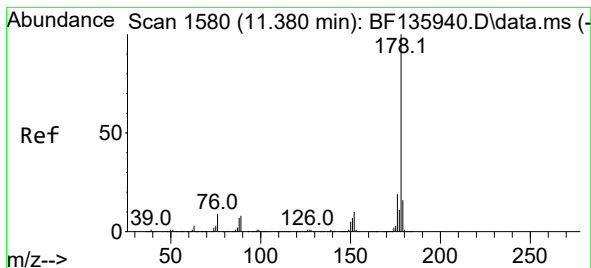
Ion Ratio Lower Upper

266 100

268 64.4 50.8 76.2

264 63.4 49.8 74.6





#71

Phenanthrene

Concen: 47.496 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

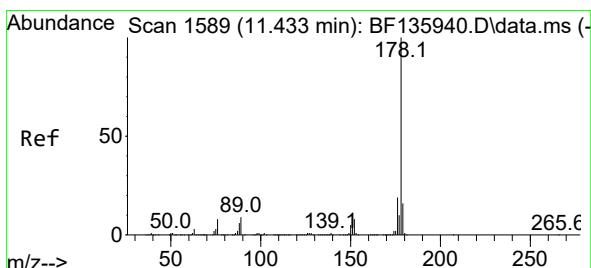
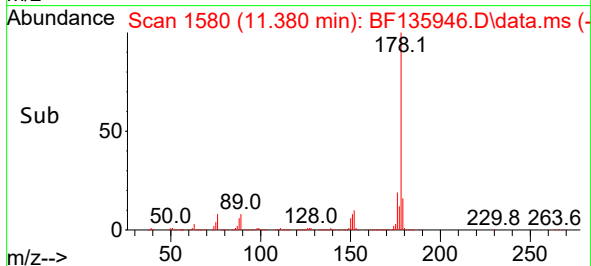
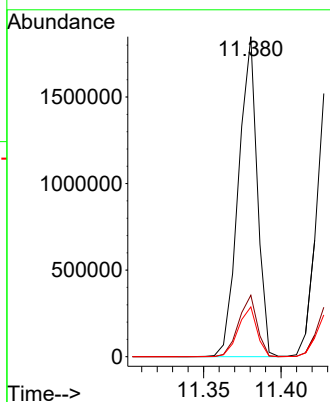
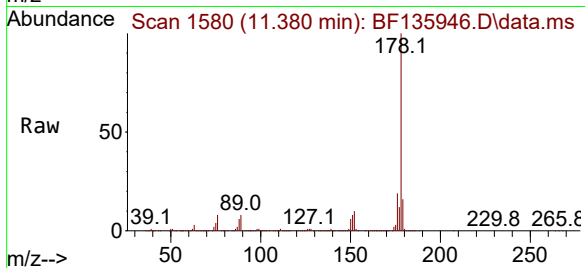
Tgt Ion:178 Resp: 1557927

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.6 12.5 18.7



#72

Anthracene

Concen: 47.135 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

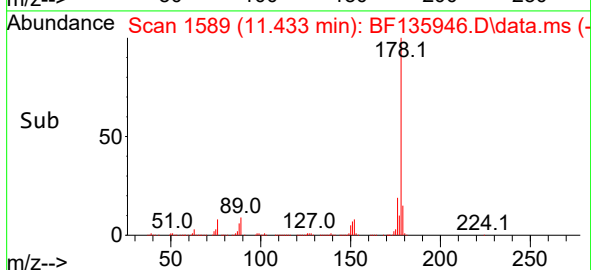
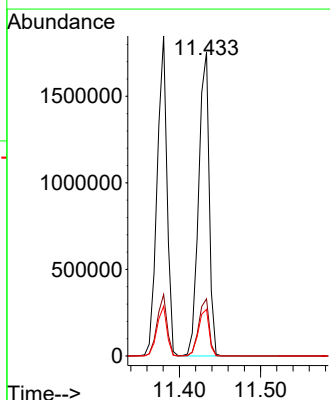
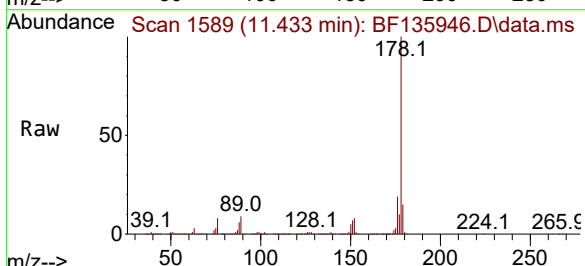
Tgt Ion:178 Resp: 1583097

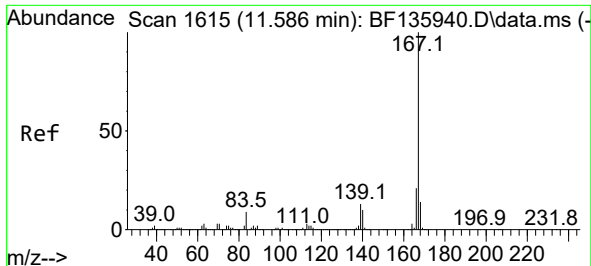
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.3 12.5 18.7

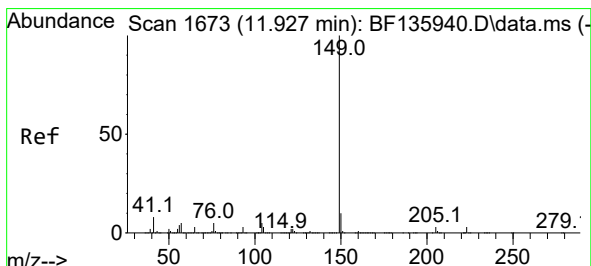
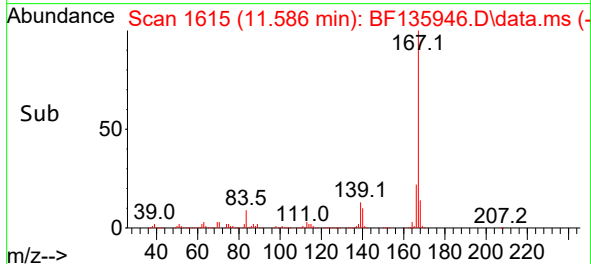
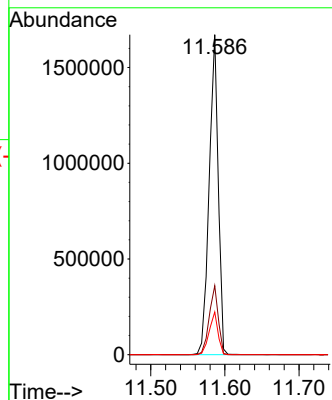
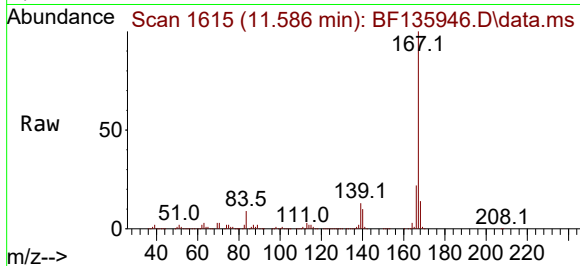




#73
 Carbazole
 Concen: 47.530 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

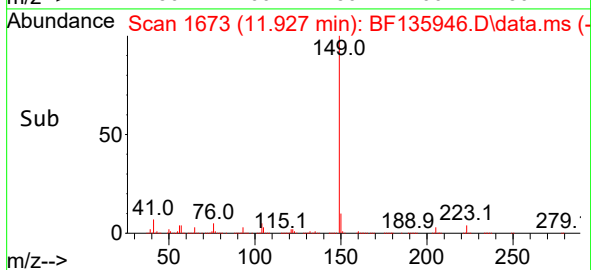
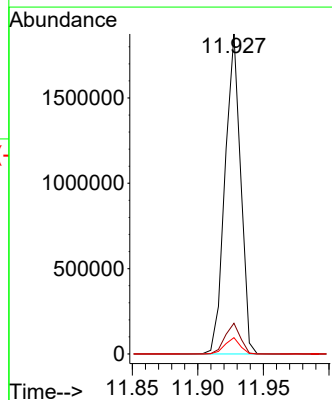
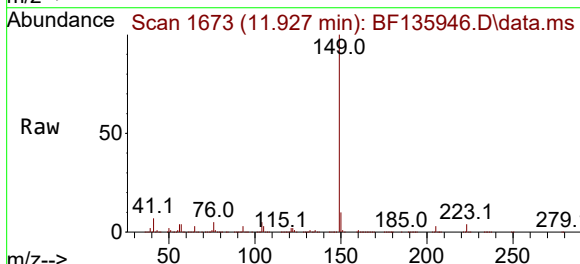
Instrument :
 BNA_F
 ClientSampleId :
 PB156430BS

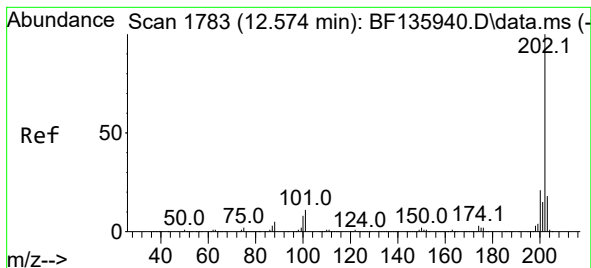
Tgt Ion:167 Resp: 1424027
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 48.582 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

Tgt Ion:149 Resp: 1548877
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 47.373 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

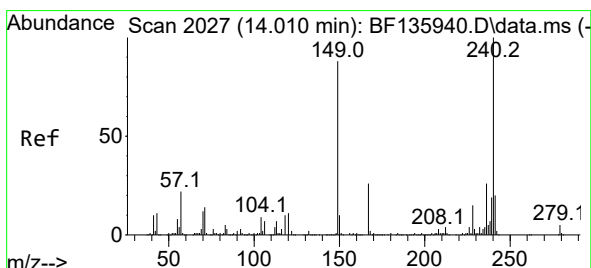
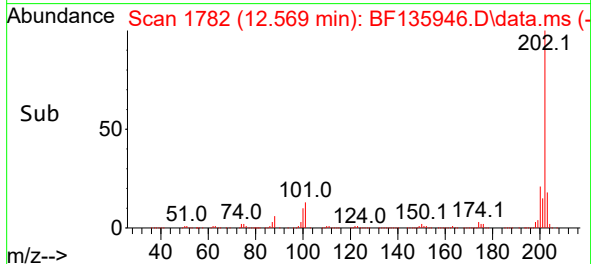
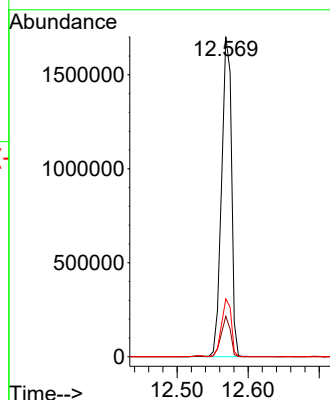
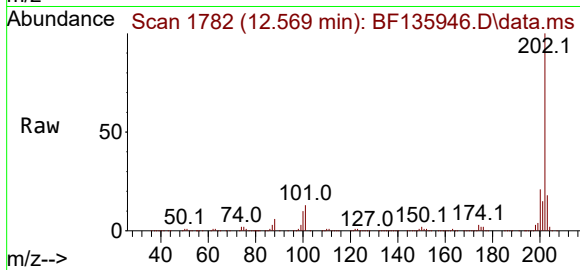
Tgt Ion:202 Resp: 1634768

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.6

203 18.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

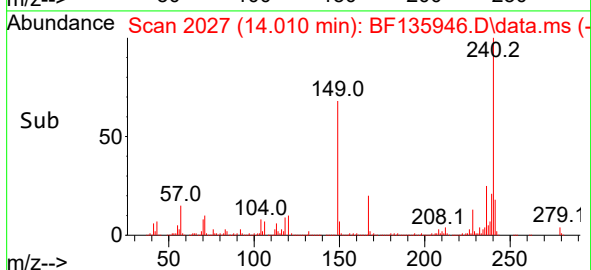
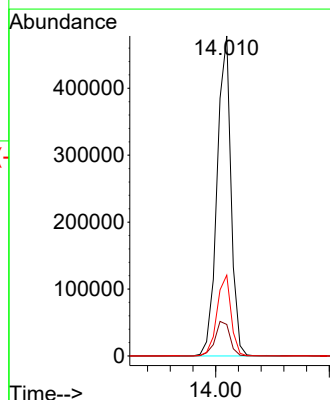
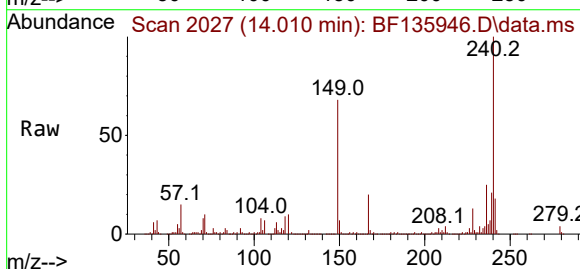
Tgt Ion:240 Resp: 407228

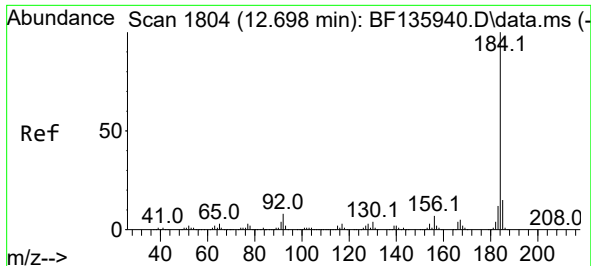
Ion Ratio Lower Upper

240 100

120 9.8 8.6 13.0

236 25.2 20.6 30.8

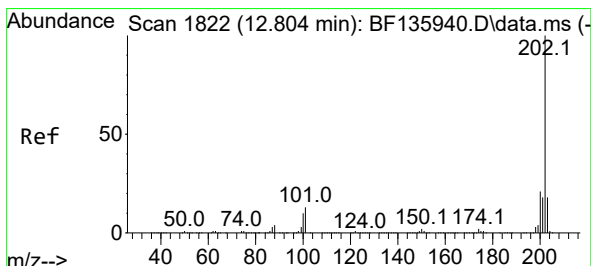
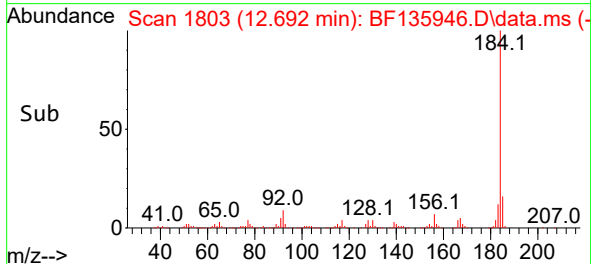
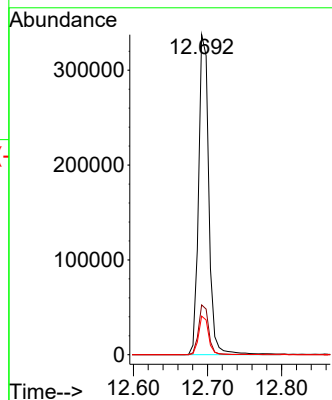
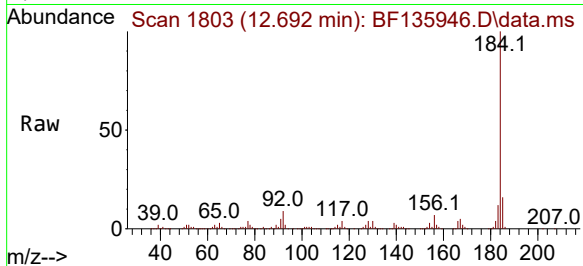




#77
Benzidine
Concen: 41.088 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

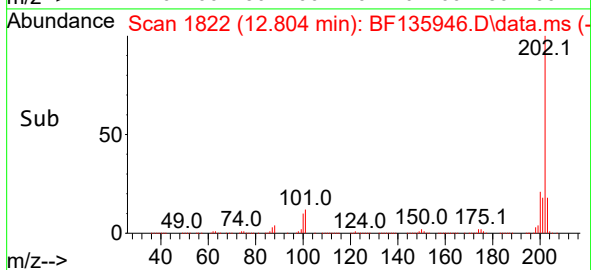
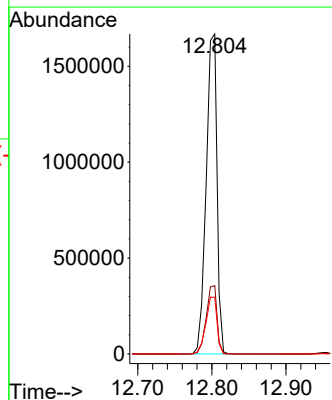
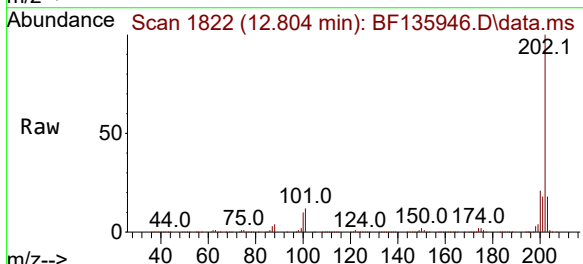
Instrument :
BNA_F
ClientSampleId :
PB156430BS

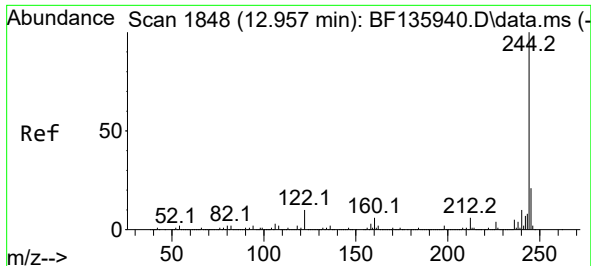
Tgt Ion:184 Resp: 322636
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 12.1 9.2 13.8



#78
Pyrene
Concen: 49.696 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

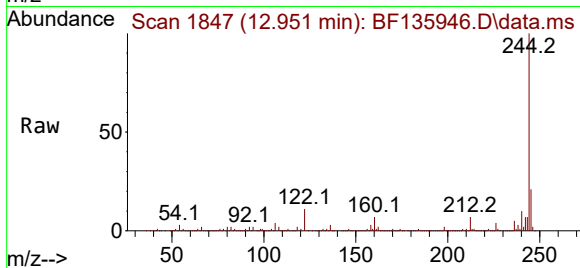
Tgt Ion:202 Resp: 1699227
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.7 14.5 21.7



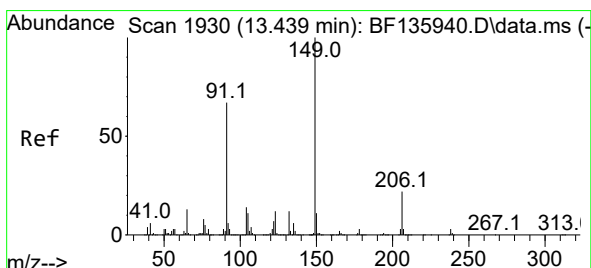
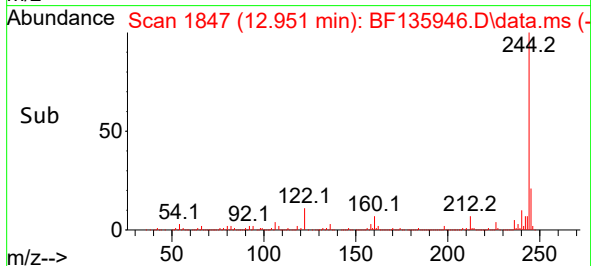
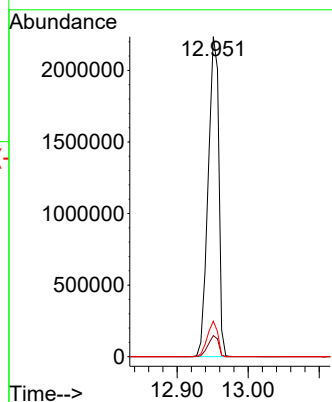


#79
 Terphenyl-d14
 Concen: 95.471 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB156430BS

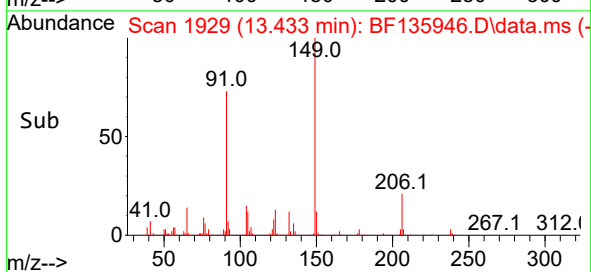
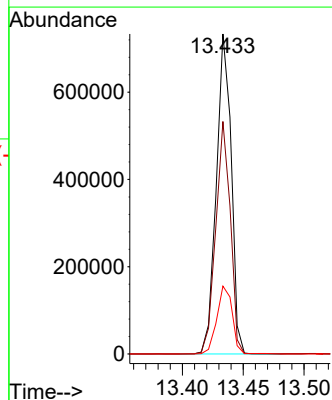
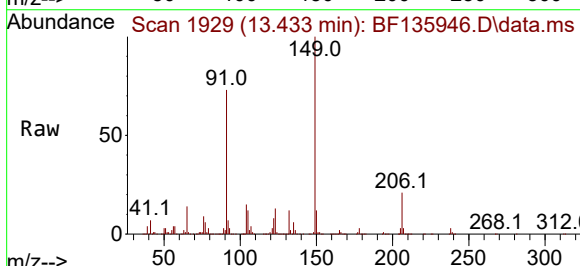


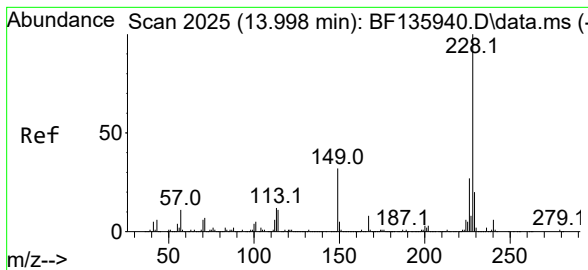
Tgt Ion:244 Resp: 2326967
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.6
 122 11.1 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 48.351 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

Tgt Ion:149 Resp: 625198
 Ion Ratio Lower Upper
 149 100
 91 72.6 53.4 80.0
 206 21.2 17.5 26.3



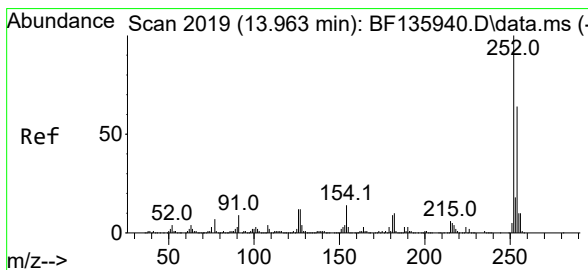
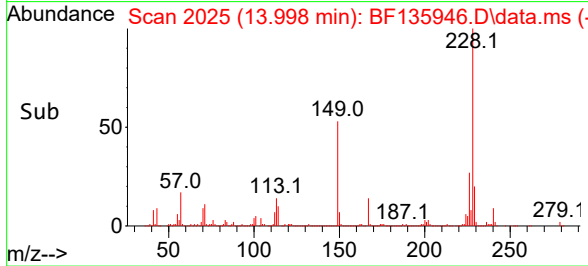
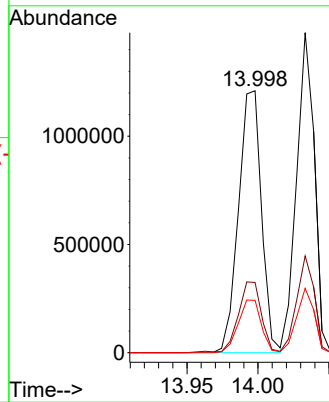
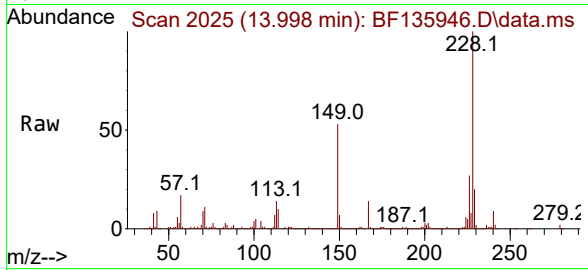


#81
 Benzo(a)anthracene
 Concen: 49.316 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB156430BS

Tgt Ion:228 Resp: 1365520

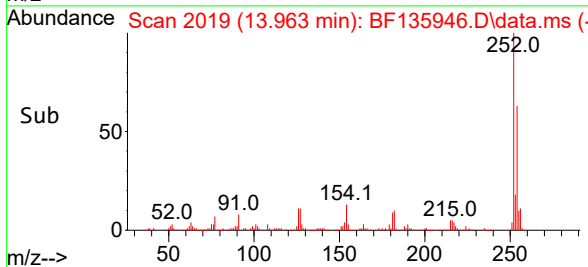
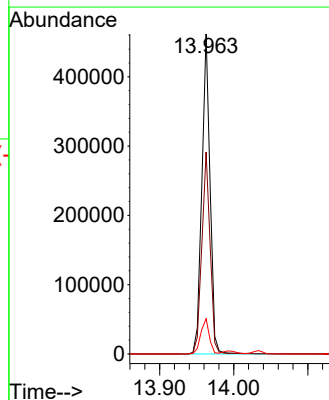
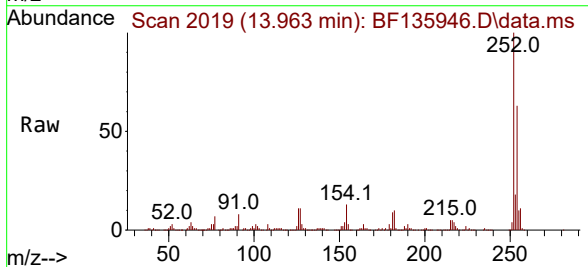
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	20.0	16.2	24.4

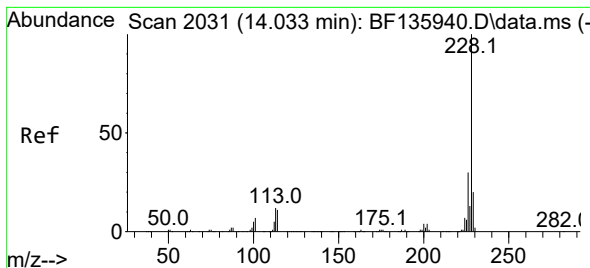


#82
 3,3'-Dichlorobenzidine
 Concen: 42.083 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

Tgt Ion:252 Resp: 354509

Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.9	76.3
126	11.0	9.8	14.6





#83

Chrysene

Concen: 47.875 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

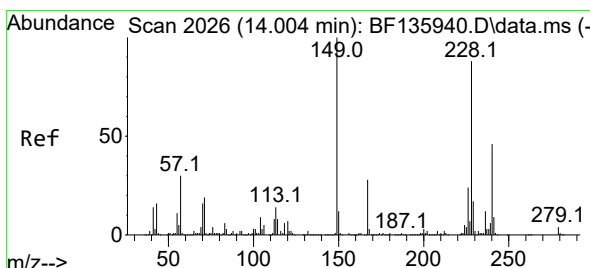
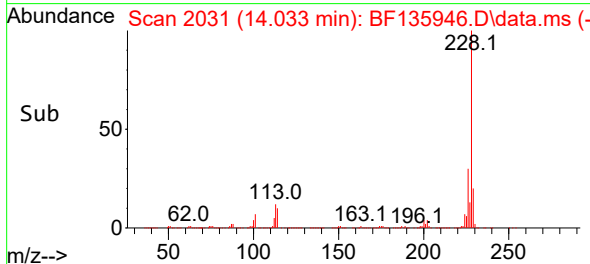
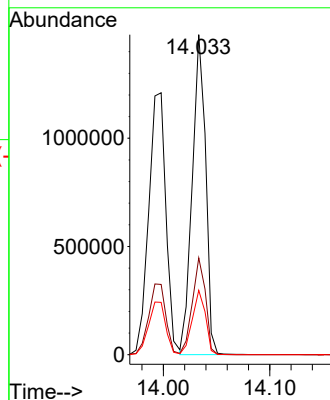
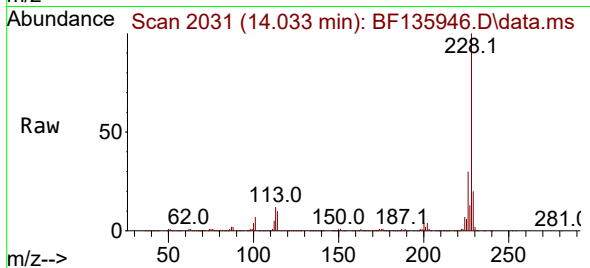
Tgt Ion:228 Resp: 1291088

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.998 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

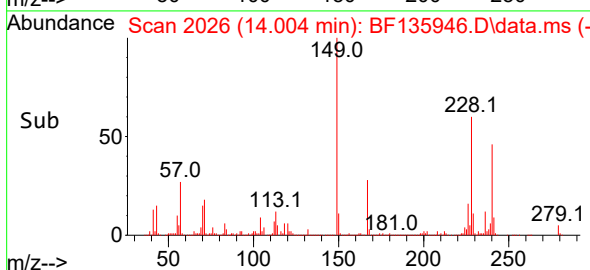
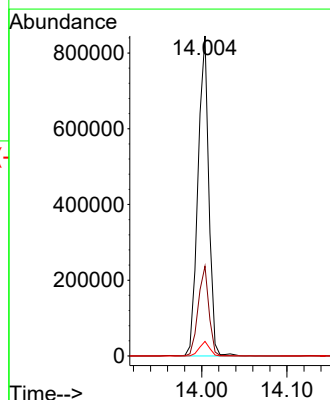
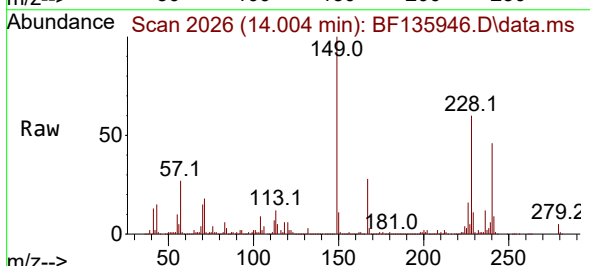
Tgt Ion:149 Resp: 745173

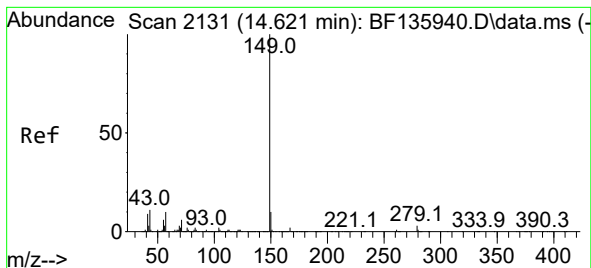
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.842 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

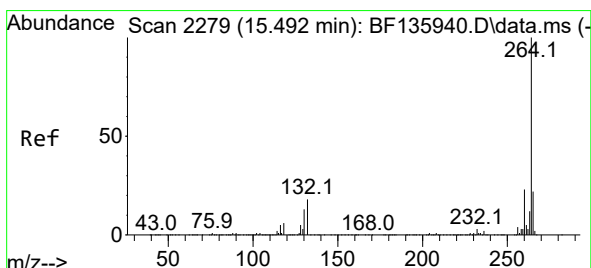
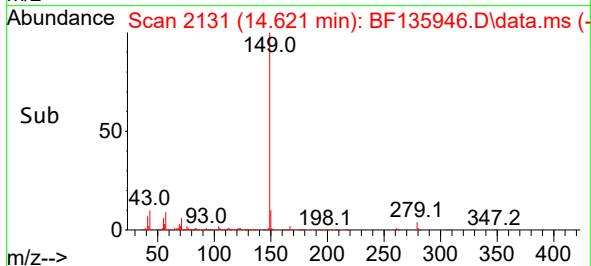
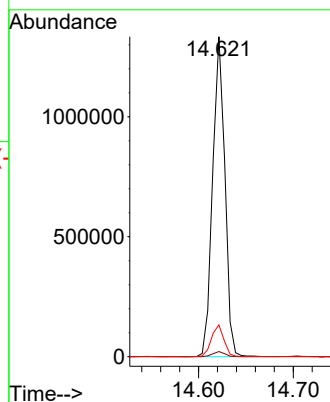
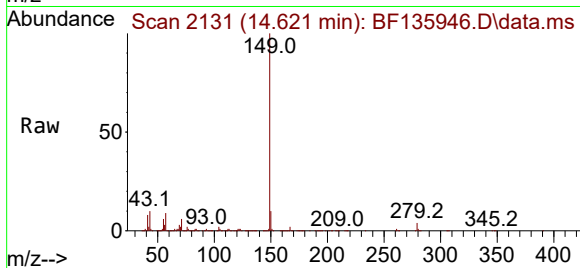
Tgt Ion:149 Resp: 1192554

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.1 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

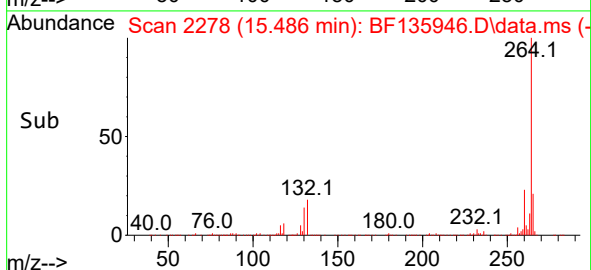
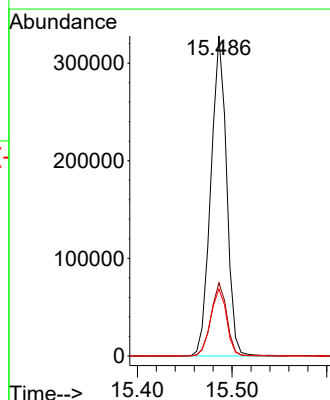
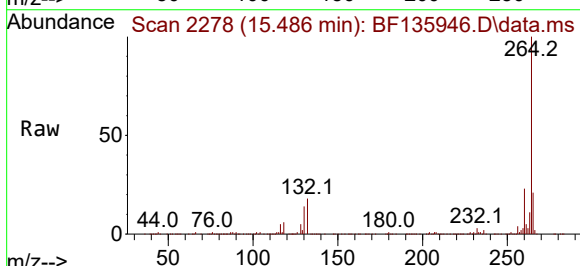
Tgt Ion:264 Resp: 378847

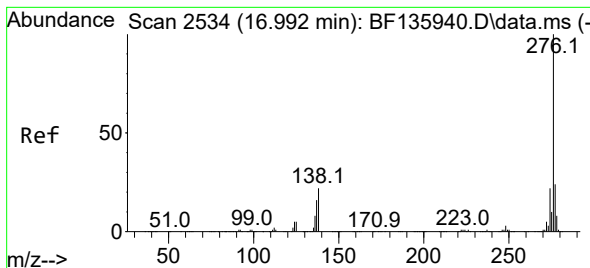
Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 20.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.711 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

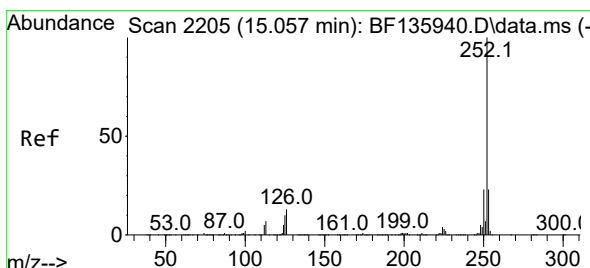
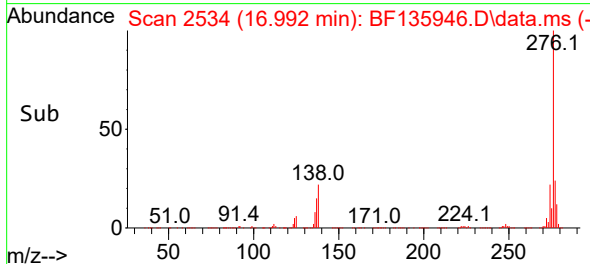
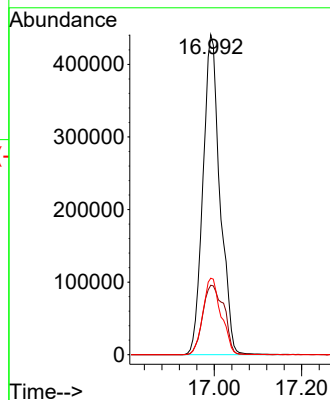
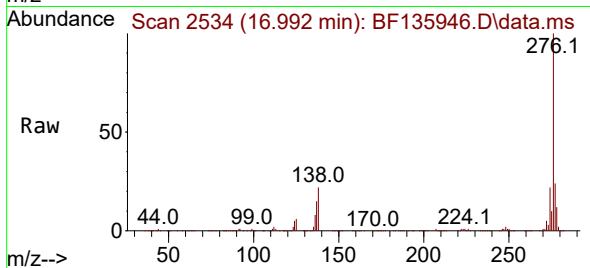
Tgt Ion:276 Resp: 1196789

Ion Ratio Lower Upper

276 100

138 27.1 21.8 32.6

277 25.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 51.809 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

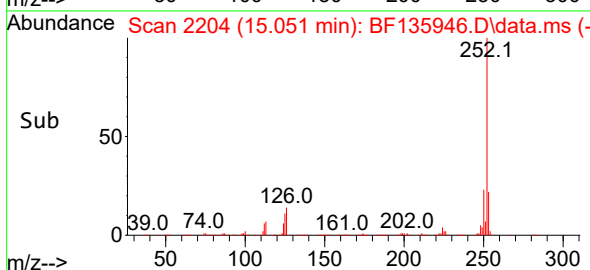
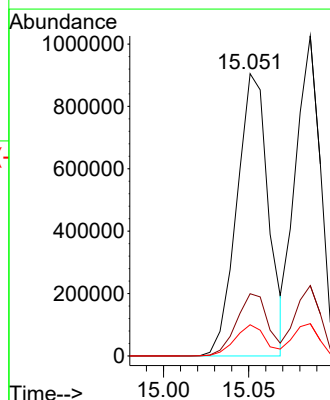
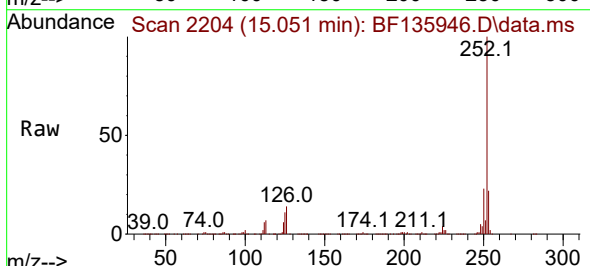
Tgt Ion:252 Resp: 1168101

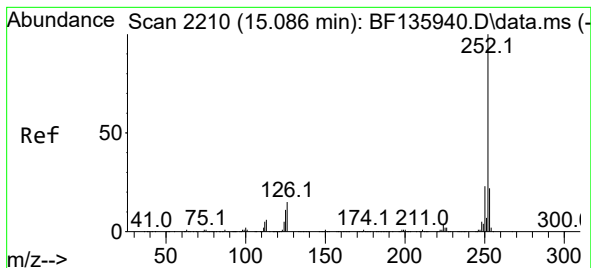
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 11.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.338 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

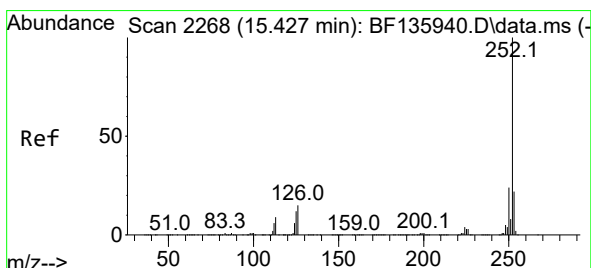
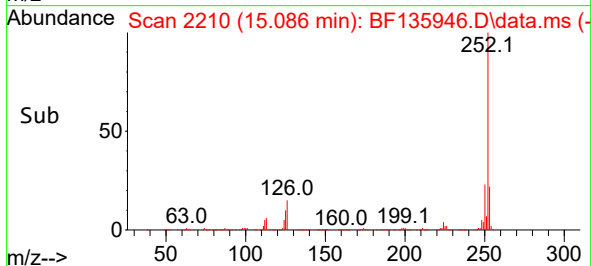
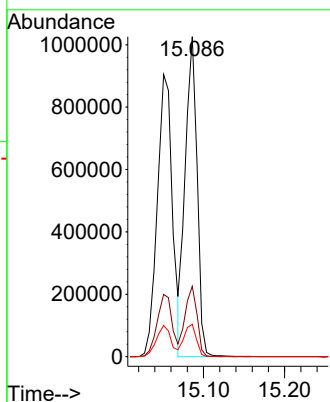
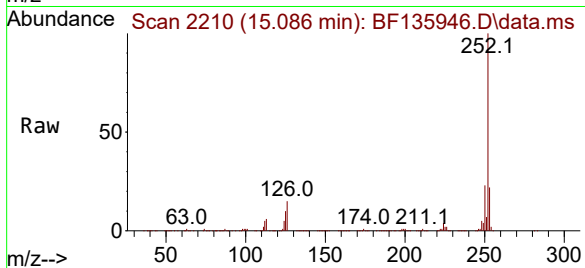
Tgt Ion:252 Resp: 1048203

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.1 8.5 12.7



#90

Benzo(a)pyrene

Concen: 46.776 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

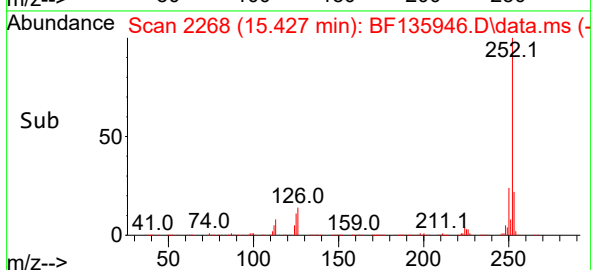
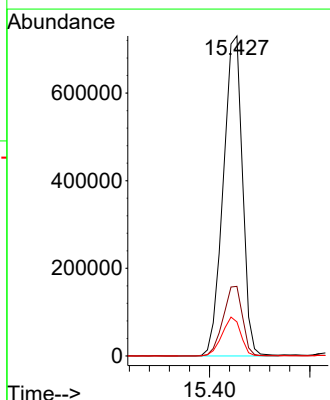
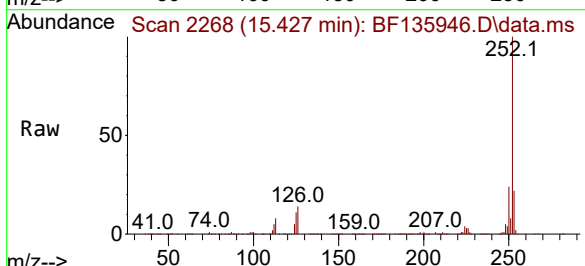
Tgt Ion:252 Resp: 971975

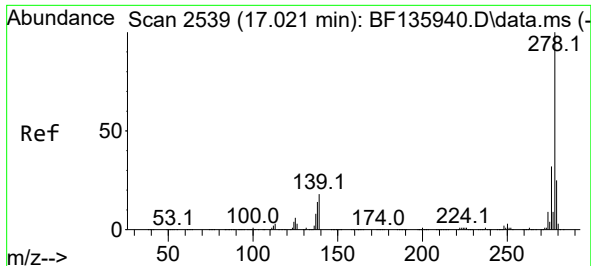
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.7 9.6 14.4

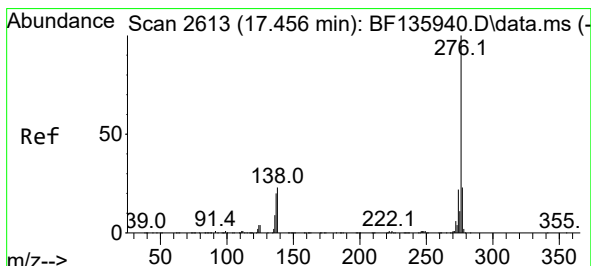
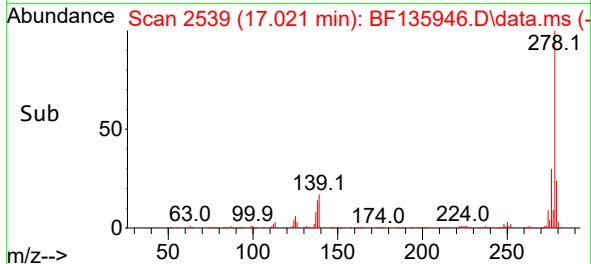
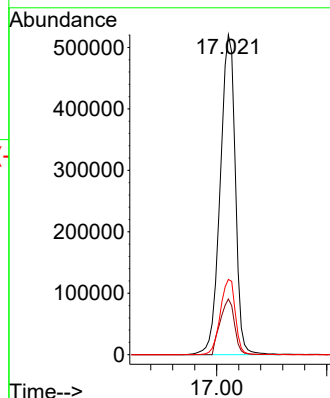
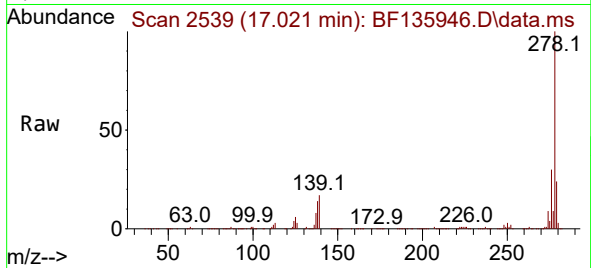




#91
Dibenzo(a,h)anthracene
Concen: 54.219 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :
BNA_F
ClientSampleId :
PB156430BS

Tgt Ion:278 Resp: 996264
Ion Ratio Lower Upper
278 100
139 17.4 14.0 21.0
279 23.5 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 46.506 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.001 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:276 Resp: 968939
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 22.5 18.4 27.6

