

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143106.D
 Acq On : 16 Jul 2025 11:03
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Jul 16 11:44:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	139692	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	535119	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	271528	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	447459	20.000	ng	0.00
76) Chrysene-d12	14.127	240	246073	20.000	ng	0.00
86) Perylene-d12	15.633	264	228451	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	928379	105.001	ng	0.00
7) Phenol-d6	6.586	99	1211194	108.980	ng	0.00
23) Nitrobenzene-d5	7.522	82	743447	77.938	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	295303	121.971	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1373769	67.254	ng	0.00
79) Terphenyl-d14	13.074	244	1239839	73.653	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.816	88	18223	4.140	ng	98
3) Pyridine	3.622	79	44754	4.016	ng	99
6) Aniline	6.628	93	66701	4.262	ng	100
8) 2-Chlorophenol	6.751	128	39964	4.499	ng	# 77
10) Phenol	6.598	94	56148	4.667	ng	# 70
11) bis(2-Chloroethyl)ether	6.698	93	42161	4.527	ng	98
12) 1,3-Dichlorobenzene	6.910	146	44541	4.438	ng	97
13) 1,4-Dichlorobenzene	6.986	146	45900	4.546	ng	98
14) 1,2-Dichlorobenzene	7.139	146	43341	4.501	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	76514	4.456	ng	99
17) 2-Methylphenol	7.198	107	32164	4.196	ng	99
18) Hexachloroethane	7.486	117	14302	4.351	ng	95
19) n-Nitroso-di-n-propyla...	7.363	70	29599	4.347	ng	96
22) Acetophenone	7.363	105	61373	4.758	ng	96
24) Nitrobenzene	7.539	77	44943	4.881	ng	98
25) Isophorone	7.775	82	78369	4.251	ng	99
26) 2-Nitrophenol	7.857	139	10829	6.632	ng	93
27) 2,4-Dimethylphenol	7.886	122	38965	4.553	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	49313	4.411	ng	99
29) 2,4-Dichlorophenol	8.092	162	30427	4.346	ng	97
30) 1,2,4-Trichlorobenzene	8.186	180	35788	4.504	ng	98
31) Naphthalene	8.269	128	123448	4.646	ng	99
33) 4-Chloroaniline	8.304	127	47562	4.451	ng	98
34) Hexachlorobutadiene	8.392	225	21602	4.546	ng	99
36) 4-Chloro-3-methylphenol	8.775	107	31615	4.054	ng	97
37) 2-Methylnaphthalene	8.957	142	70322	4.436	ng	98
38) 1-Methylnaphthalene	9.057	142	76800	4.671	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	35811	4.526	ng	99
43) 2,4,6-Trichlorophenol	9.227	196	19355	3.937	ng	100
44) 2,4,5-Trichlorophenol	9.263	196	21667	4.203	ng	95
46) 1,1'-Biphenyl	9.422	154	99227	4.582	ng	99
47) 2-Chloronaphthalene	9.445	162	69925	4.396	ng	99
48) 2-Nitroaniline	9.527	65	14656	6.057	ng	92
49) Acenaphthylene	9.863	152	114541	4.321	ng	99
50) Dimethylphthalate	9.710	163	75767	4.435	ng	100
51) 2,6-Dinitrotoluene	9.769	165	11308	5.951	ng	96

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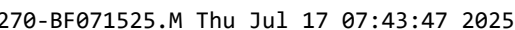
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

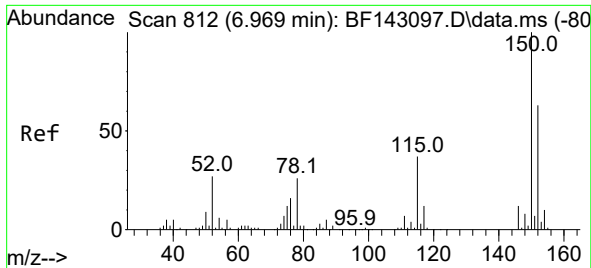
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	10.033	154	70783	4.525	ng	99
53) 3-Nitroaniline	9.933	138	14132	3.829	ng #	97
55) Dibenzofuran	10.204	168	104992	4.503	ng	98
57) 2,4-Dinitrotoluene	10.169	165	11723	5.983	ng	90
58) Fluorene	10.551	166	81661	4.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	16586	4.048	ng #	97
60) Diethylphthalate	10.416	149	71366	4.330	ng	98
61) 4-Chlorophenyl-phenyle...	10.539	204	37948	4.529	ng	97
62) 4-Nitroaniline	10.539	138	12081	3.764	ng	90
63) Azobenzene	10.698	77	78222	4.292	ng	98
66) n-Nitrosodiphenylamine	10.657	169	67021	4.264	ng	98
67) 4-Bromophenyl-phenylether	11.033	248	21198	4.166	ng	99
68) Hexachlorobenzene	11.104	284	23014	4.262	ng	96
69) Atrazine	11.174	200	16252	4.042	ng	99
71) Phenanthrene	11.510	178	109934	4.552	ng	99
72) Anthracene	11.563	178	104712	4.312	ng	100
73) Carbazole	11.710	167	93729	4.308	ng	99
74) Di-n-butylphthalate	12.051	149	74312	3.721	ng	100
75) Fluoranthene	12.704	202	94213	4.291	ng	98
78) Pyrene	12.927	202	98267	4.304	ng	100
80) Butylbenzylphthalate	13.545	149	11729	5.786	ng	97
81) Benzo(a)anthracene	14.115	228	65576	3.999	ng	99
83) Chrysene	14.151	228	64956	4.301	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	15610	5.507	ng	95
87) Indeno(1,2,3-cd)pyrene	17.168	276	65618	3.862	ng	98
88) Benzo(b)fluoranthene	15.186	252	45693	3.467	ng	99
89) Benzo(k)fluoranthene	15.215	252	54039	4.299	ng	98
90) Benzo(a)pyrene	15.568	252	44161	3.543	ng	98
91) Dibenzo(a,h)anthracene	17.186	278	54423	3.918	ng	98
92) Benzo(g,h,i)perylene	17.627	276	54953	3.881	ng	99

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

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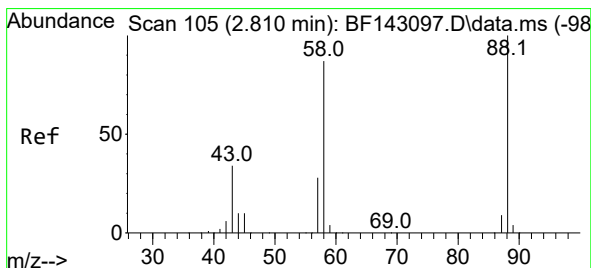
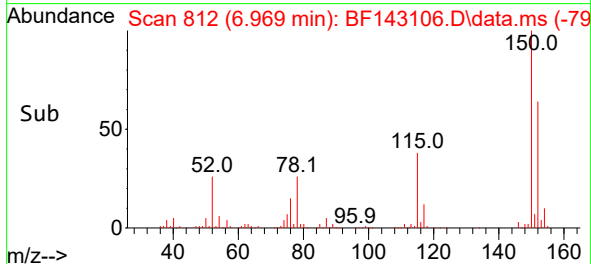
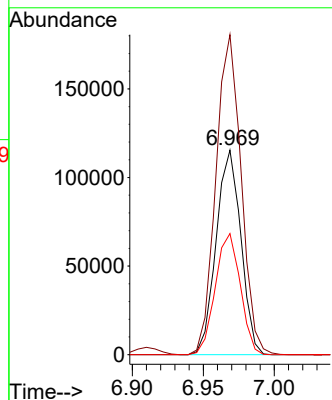
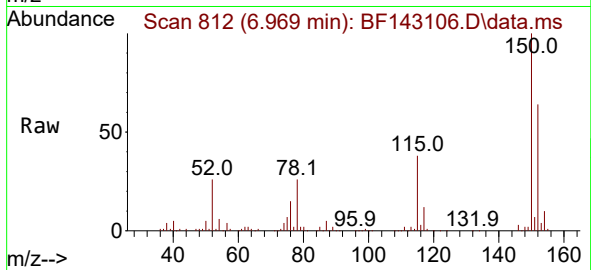




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

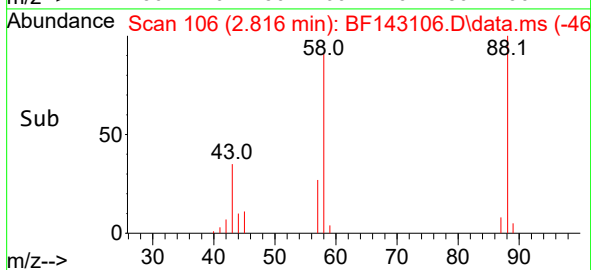
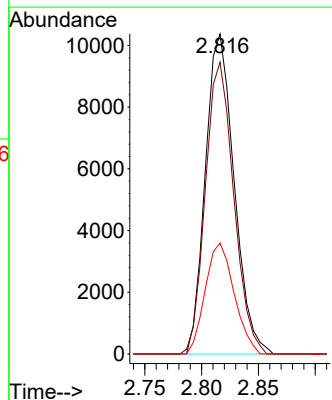
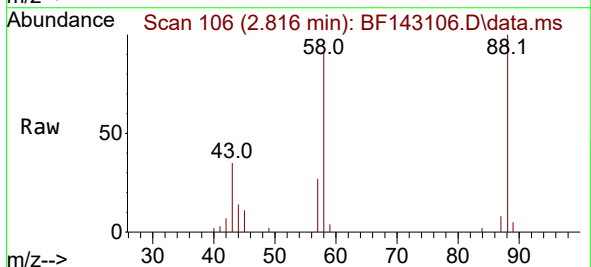
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

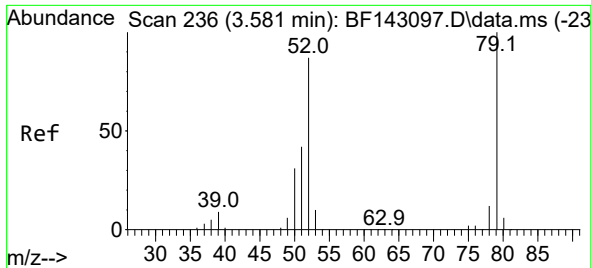
Tgt Ion:152 Resp: 139692
Ion Ratio Lower Upper
152 100
150 156.5 126.5 189.7
115 59.3 47.0 70.6



#2
1,4-Dioxane
Concen: 4.140 ng
RT: 2.816 min Scan# 106
Delta R.T. 0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion: 88 Resp: 18223
Ion Ratio Lower Upper
88 100
58 89.9 70.5 105.7
43 34.9 27.3 40.9





#3

Pyridine

Concen: 4.016 ng

RT: 3.622 min Scan# 24

Delta R.T. 0.041 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

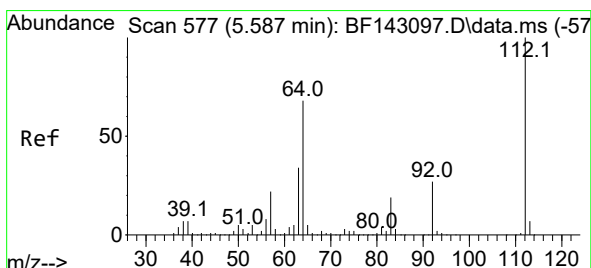
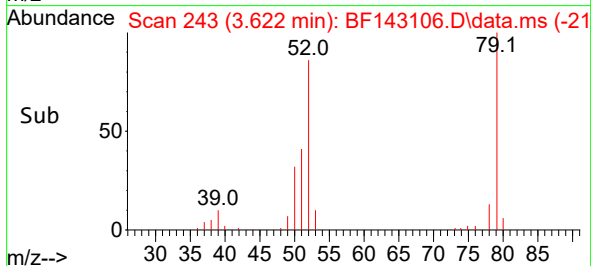
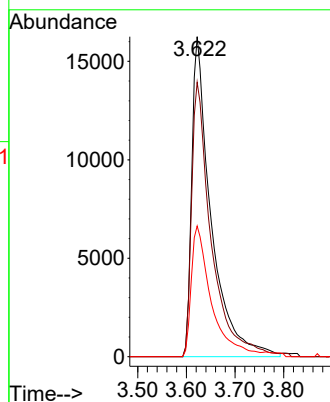
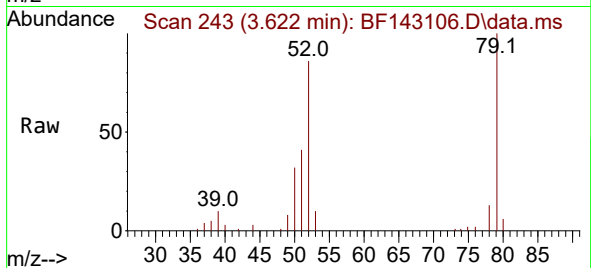
Tgt Ion: 79 Resp: 44754

Ion Ratio Lower Upper

79 100

52 85.7 69.2 103.8

51 40.9 33.3 49.9



#5

2-Fluorophenol

Concen: 105.001 ng

RT: 5.592 min Scan# 578

Delta R.T. 0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

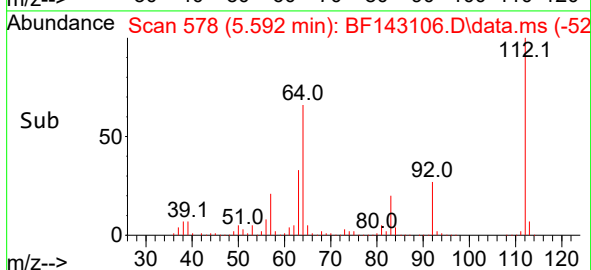
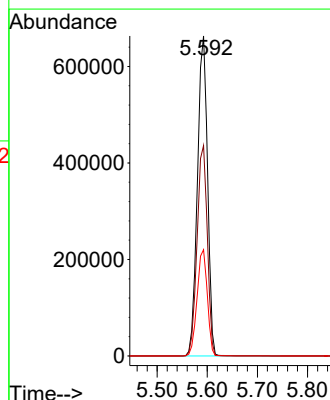
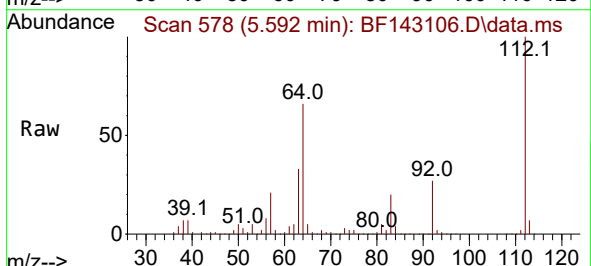
Tgt Ion: 112 Resp: 928379

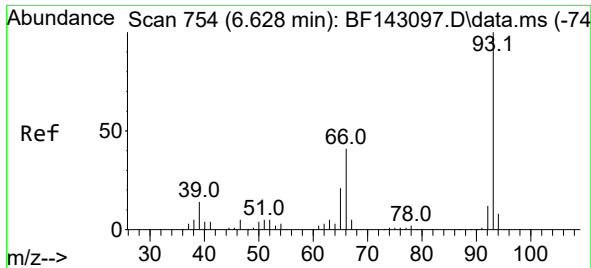
Ion Ratio Lower Upper

112 100

64 65.8 54.6 82.0

63 33.2 27.3 40.9

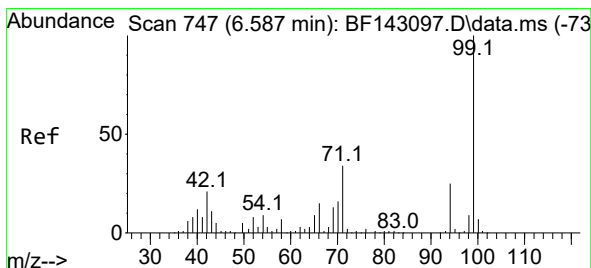
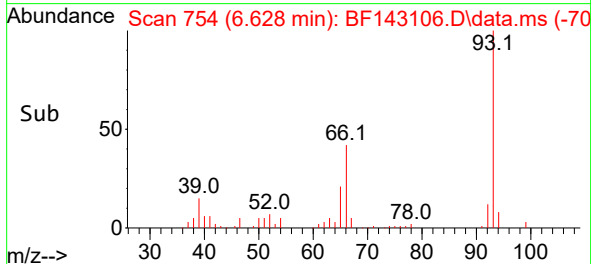
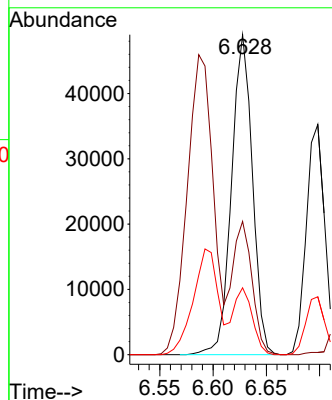
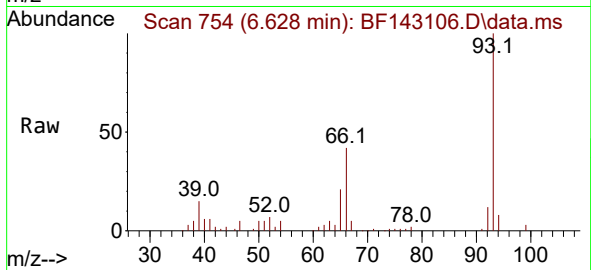




#6
Aniline
Concen: 4.262 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

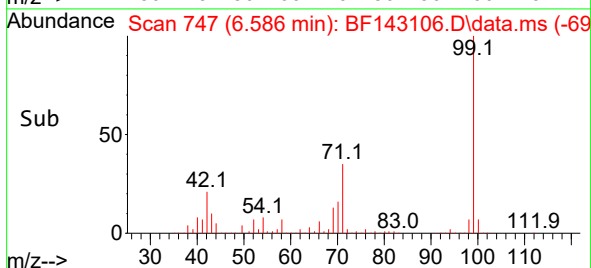
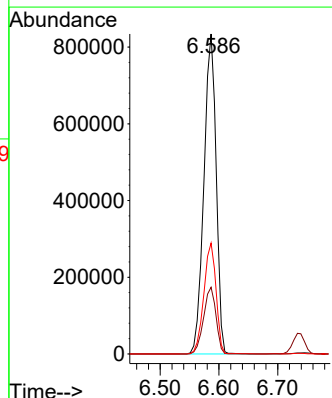
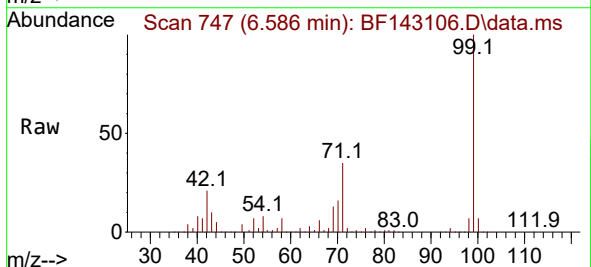
Instrument :
BNA_F
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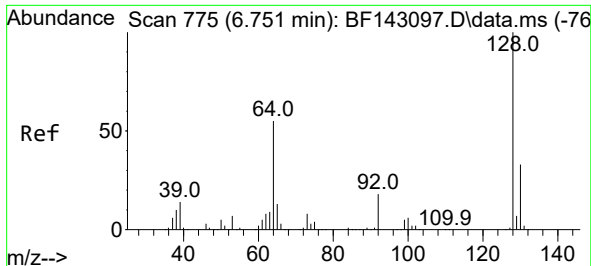
Tgt Ion: 93 Resp: 66701
Ion Ratio Lower Upper
93 100
66 41.7 33.1 49.7
65 20.9 16.9 25.3



#7
Phenol-d6
Concen: 108.980 ng
RT: 6.586 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion: 99 Resp: 1211194
Ion Ratio Lower Upper
99 100
42 20.9 17.2 25.8
71 34.7 27.4 41.0

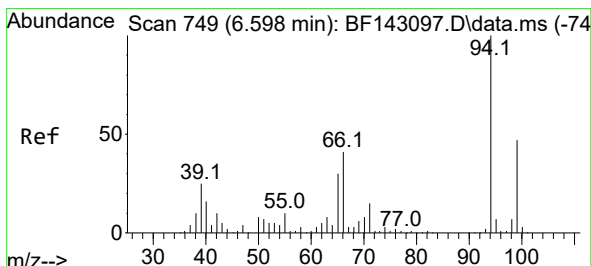
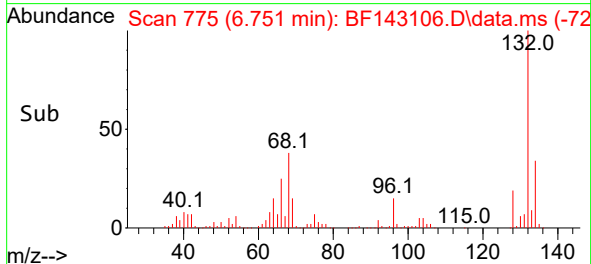
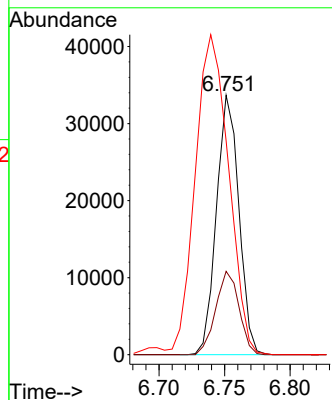
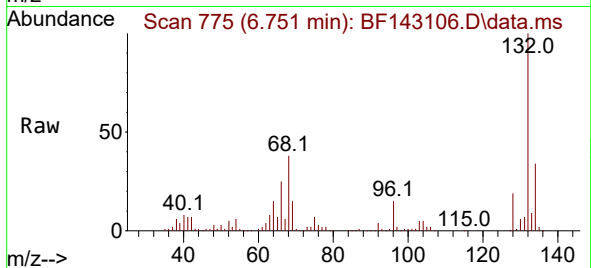




#8
2-Chlorophenol
Concen: 4.499 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

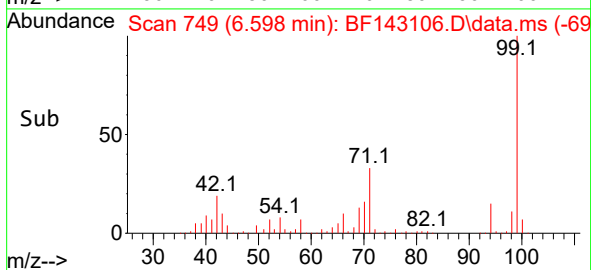
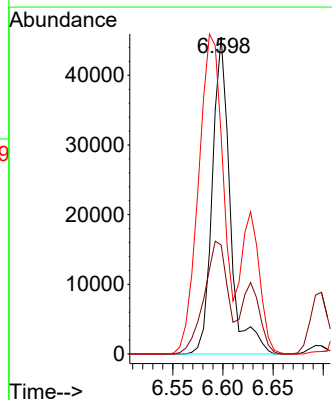
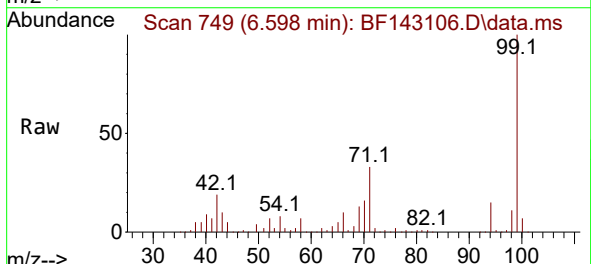
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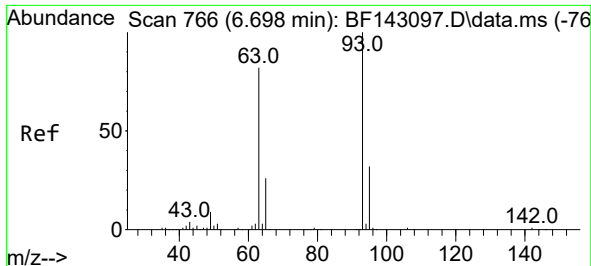
Tgt Ion:128 Resp: 39964
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 82.5 36.1 76.1#



#10
Phenol
Concen: 4.667 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion: 94 Resp: 56148
Ion Ratio Lower Upper
94 100
65 34.4 9.8 49.8
66 68.9 20.5 60.5#

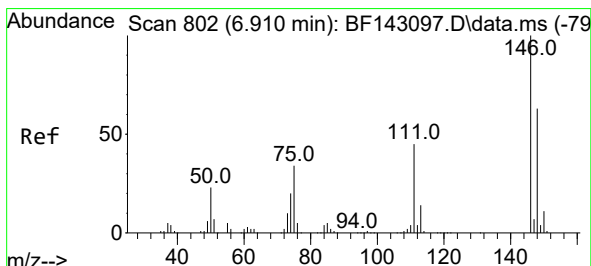
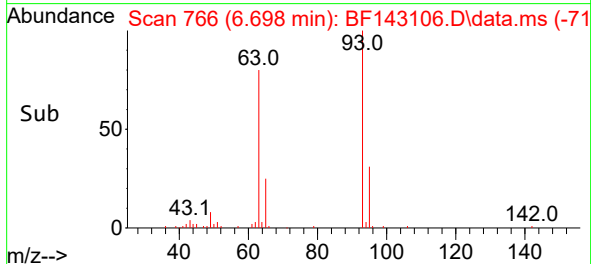
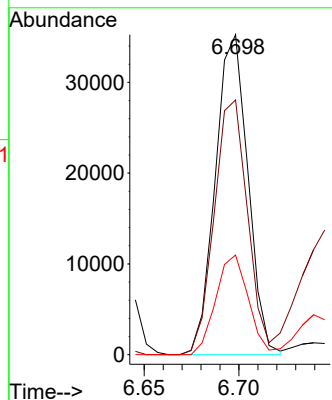
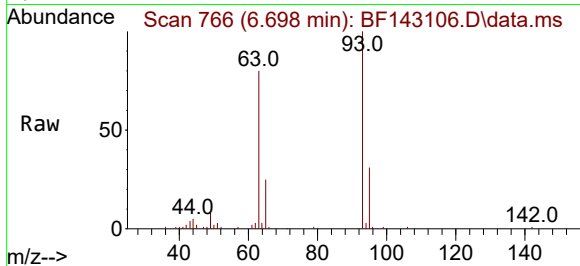




#11
bis(2-Chloroethyl)ether
Concen: 4.527 ng
RT: 6.698 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

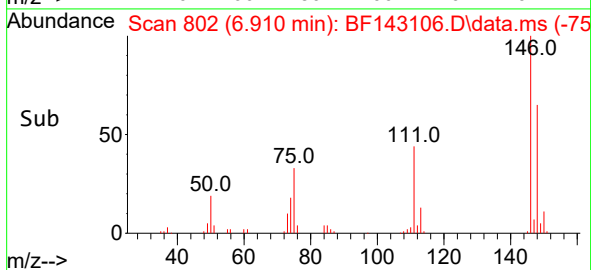
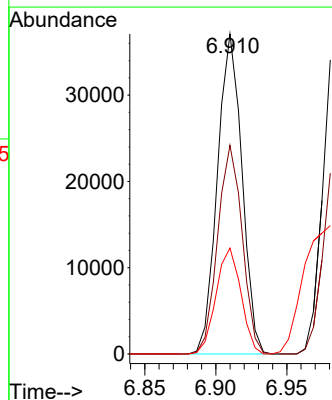
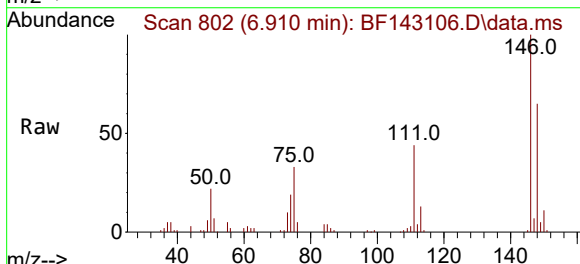
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

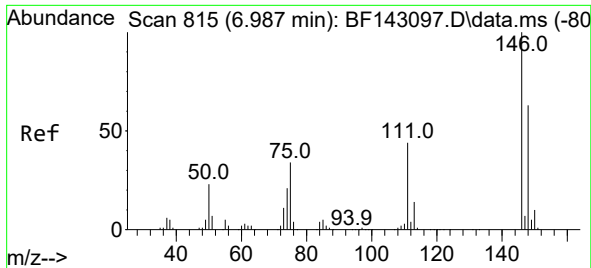
Tgt Ion:	93	Resp:	42161
Ion	Ratio	Lower	Upper
93	100		
63	79.6	61.9	101.9
95	31.1	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 4.438 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:	146	Resp:	44541
Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.1	75.1
75	33.1	27.4	41.0

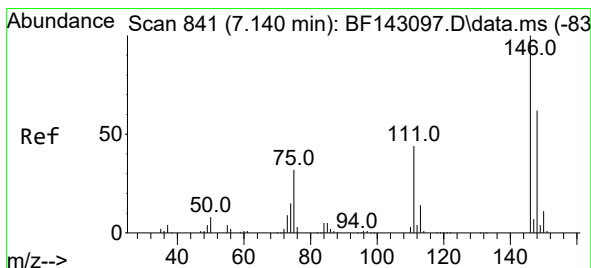
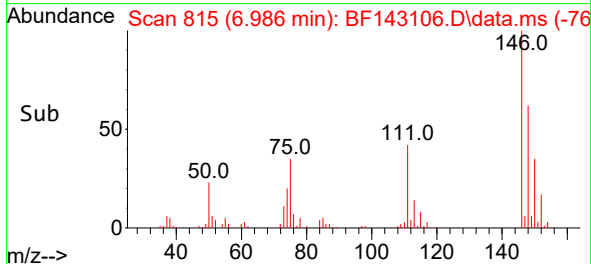
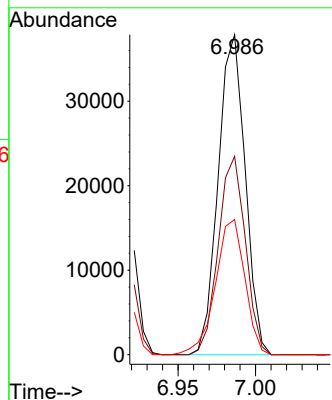
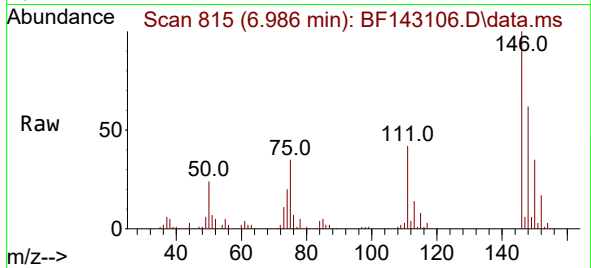




#13
1,4-Dichlorobenzene
Concen: 4.546 ng
RT: 6.986 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

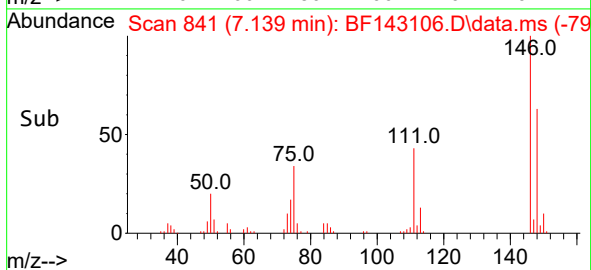
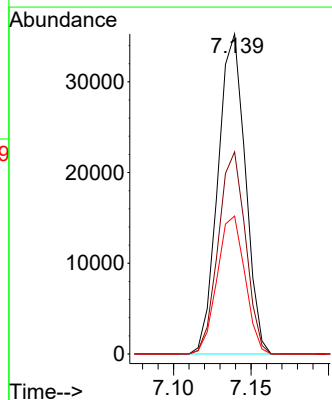
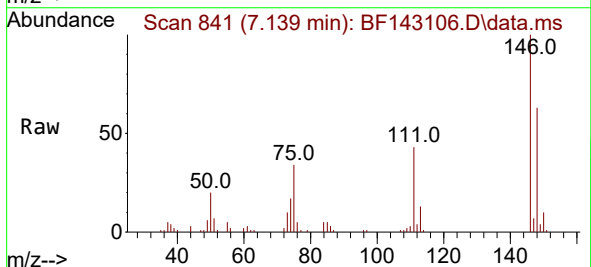
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

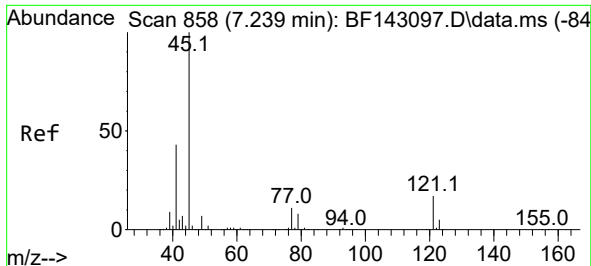
Tgt Ion:146 Resp: 45900
Ion Ratio Lower Upper
146 100
148 62.0 50.6 76.0
111 42.3 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 4.501 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:146 Resp: 43341
Ion Ratio Lower Upper
146 100
148 63.2 49.8 74.6
111 43.1 35.4 53.0

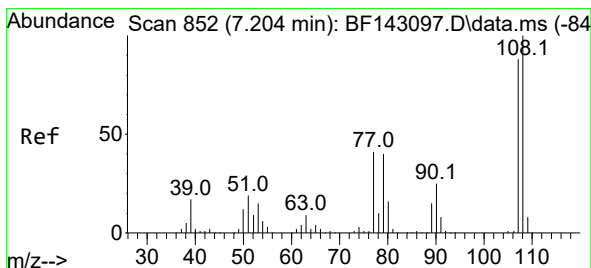
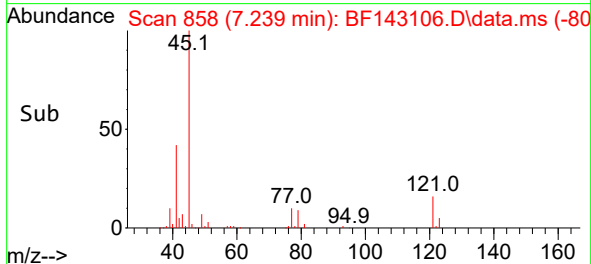
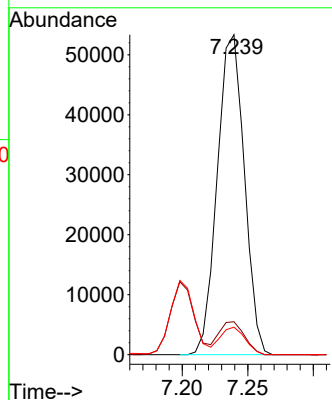
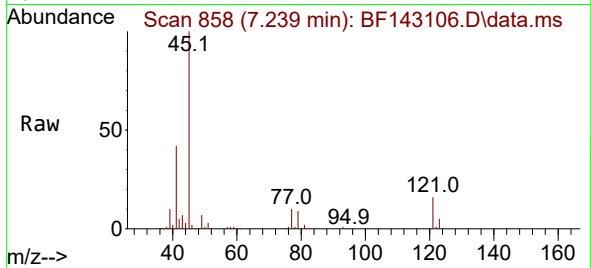




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.456 ng
RT: 7.239 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

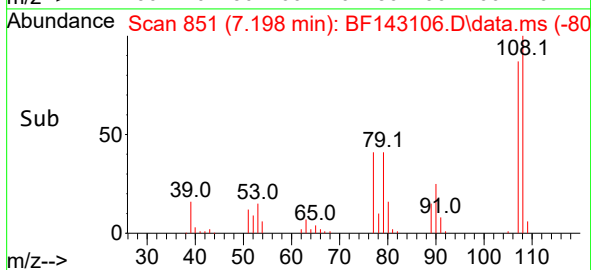
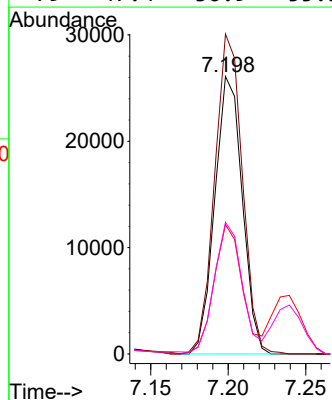
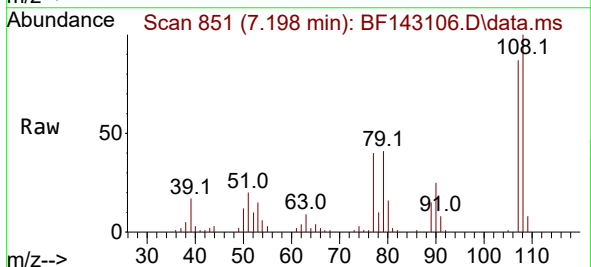
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

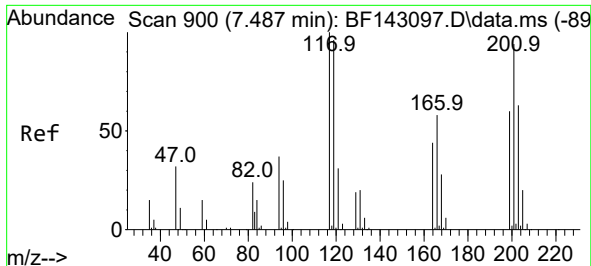
Tgt Ion: 45 Resp: 76514
Ion Ratio Lower Upper
45 100
77 10.3 0.0 31.1
79 8.6 0.0 28.4



#17
2-Methylphenol
Concen: 4.196 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion: 107 Resp: 32164
Ion Ratio Lower Upper
107 100
108 115.3 90.9 136.3
77 46.6 37.5 56.3
79 47.4 36.9 55.3

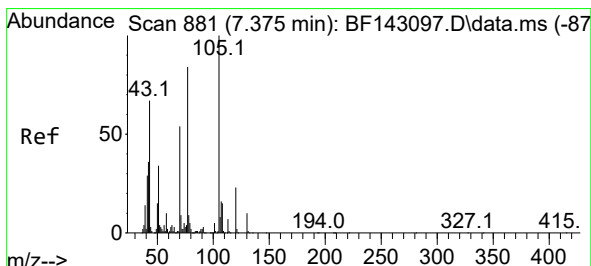
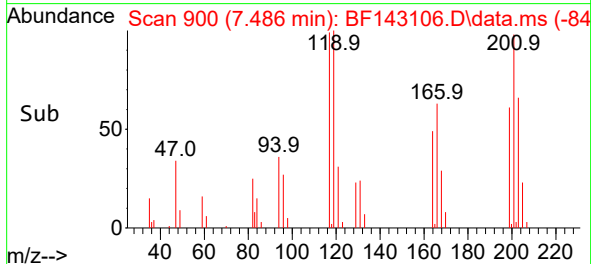
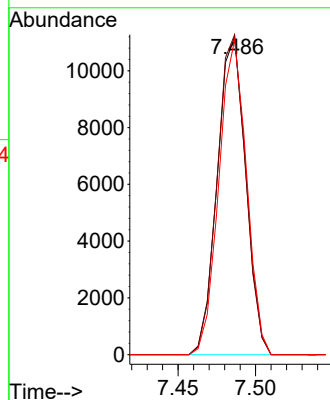
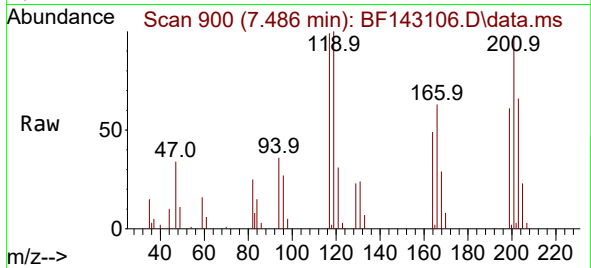




#18
Hexachloroethane
Concen: 4.351 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

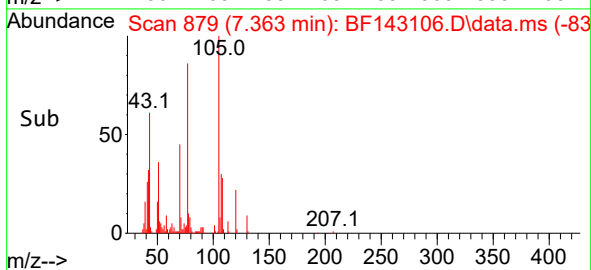
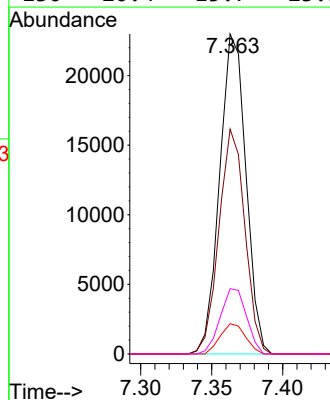
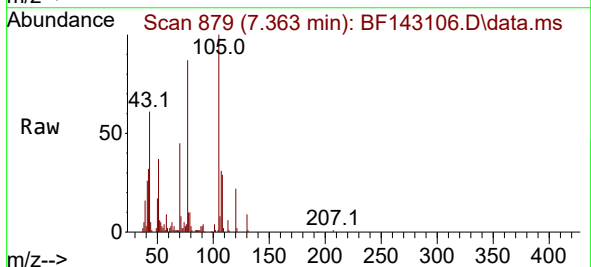
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

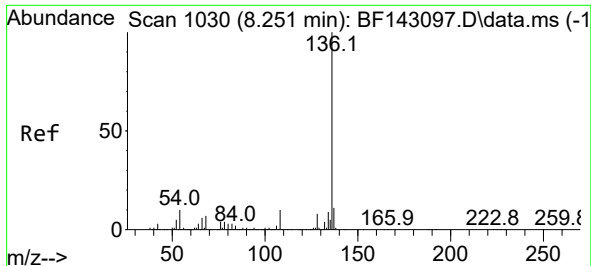
Tgt Ion:117 Resp: 14302
Ion Ratio Lower Upper
117 100
119 100.6 76.7 115.1
201 99.0 75.0 112.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.347 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion: 70 Resp: 29599
Ion Ratio Lower Upper
70 100
42 70.2 53.2 79.8
101 9.5 7.5 11.3
130 20.4 15.7 23.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:136 Resp: 535119

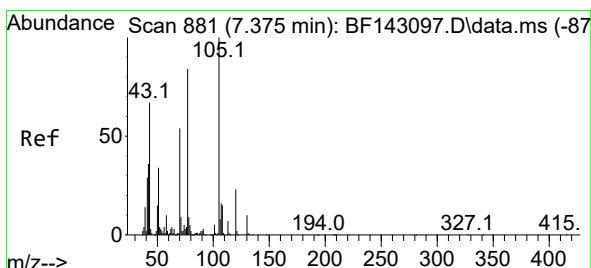
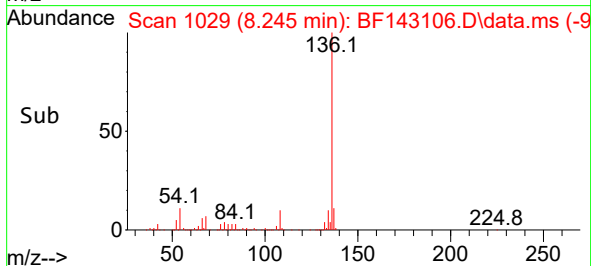
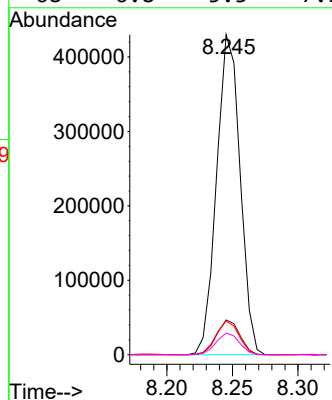
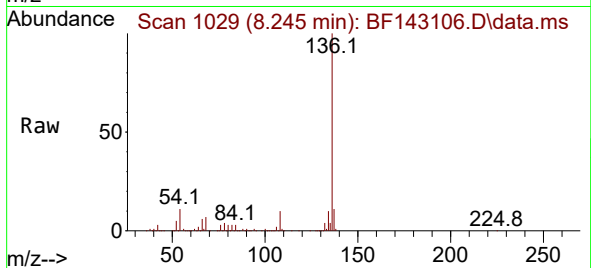
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.5 8.3 12.5

68 6.8 5.3 7.9



#22

Acetophenone

Concen: 4.758 ng

RT: 7.363 min Scan# 879

Delta R.T. -0.012 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Tgt Ion:105 Resp: 61373

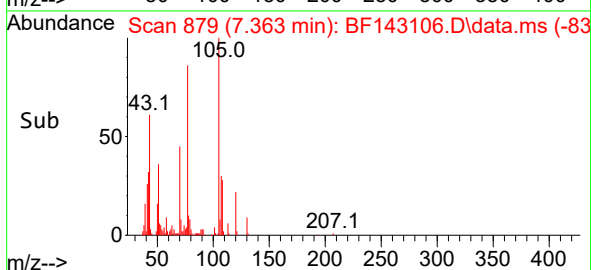
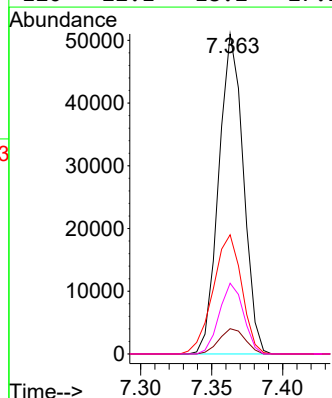
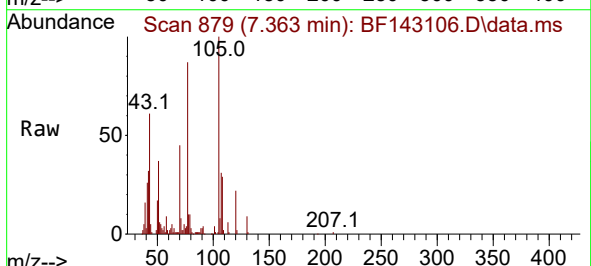
Ion Ratio Lower Upper

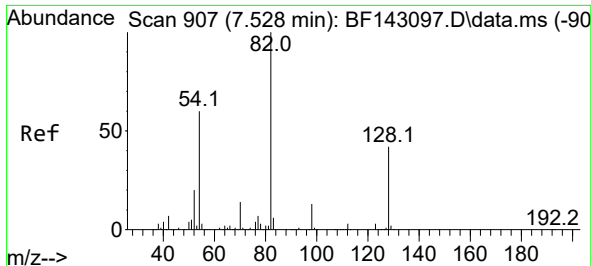
105 100

71 7.9 7.2 10.8

51 37.2 27.0 40.4

120 22.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 77.938 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

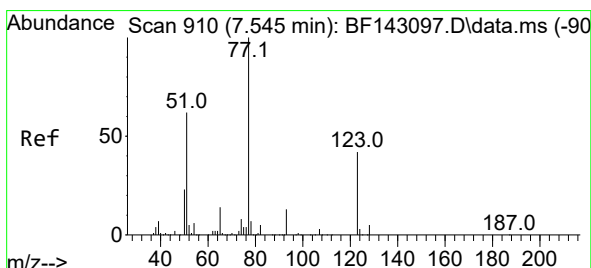
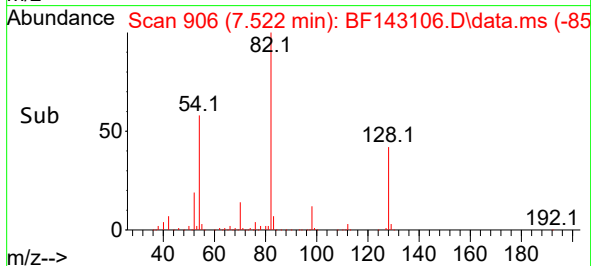
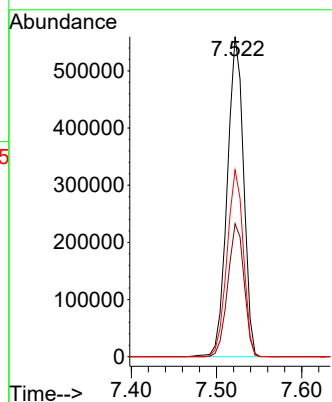
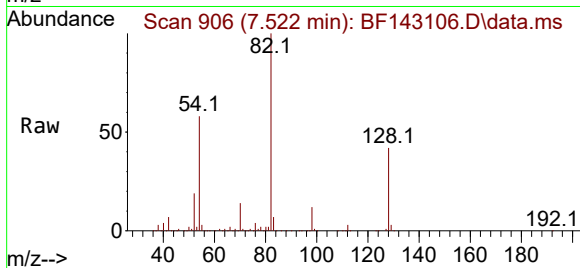
Tgt Ion: 82 Resp: 743447

Ion Ratio Lower Upper

82 100

128 41.5 33.3 49.9

54 58.4 47.4 71.2



#24

Nitrobenzene

Concen: 4.881 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

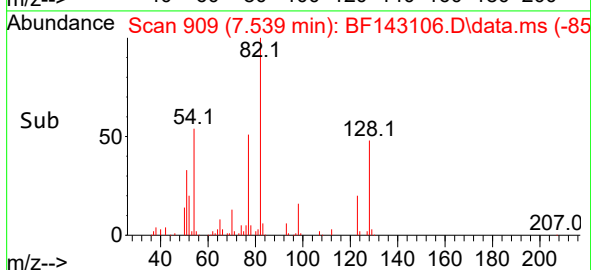
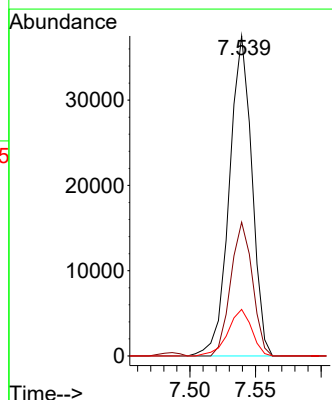
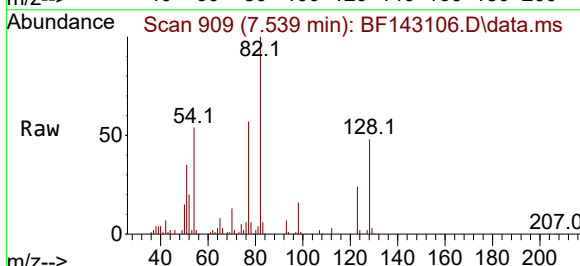
Tgt Ion: 77 Resp: 44943

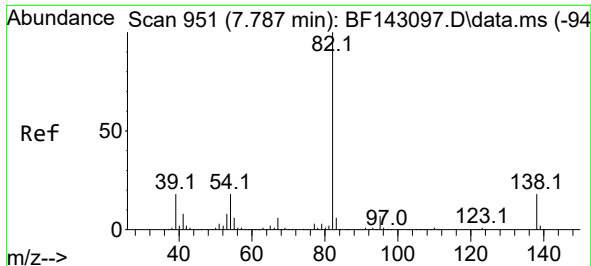
Ion Ratio Lower Upper

77 100

123 41.8 34.5 51.7

65 14.5 11.3 16.9

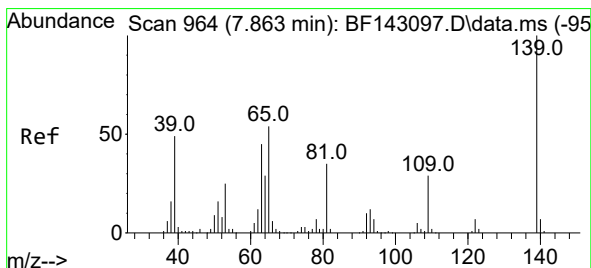
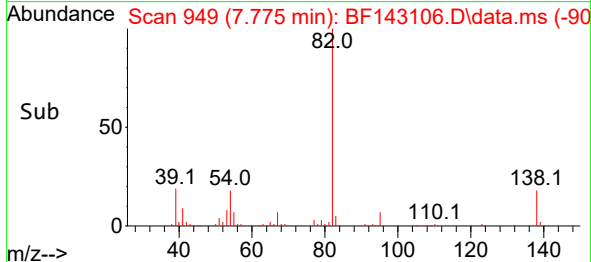
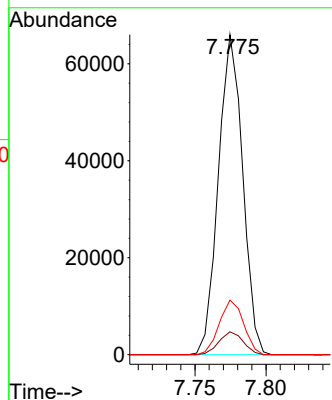
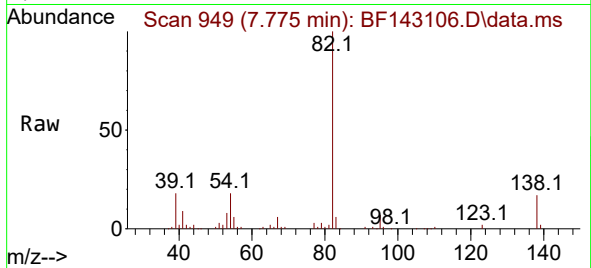




#25
Isophorone
Concen: 4.251 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

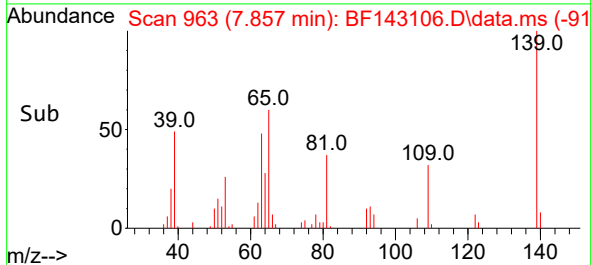
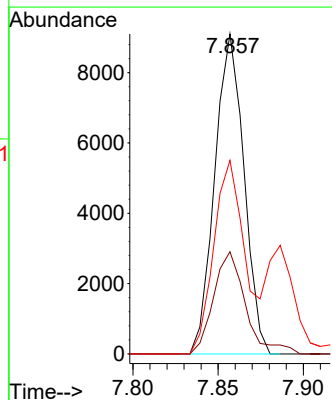
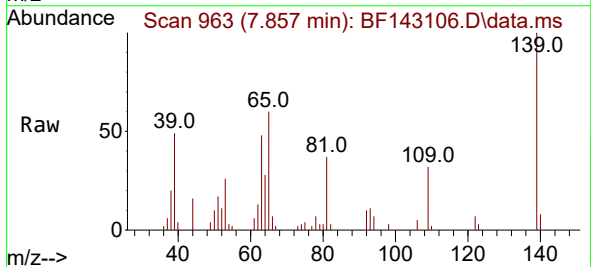
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

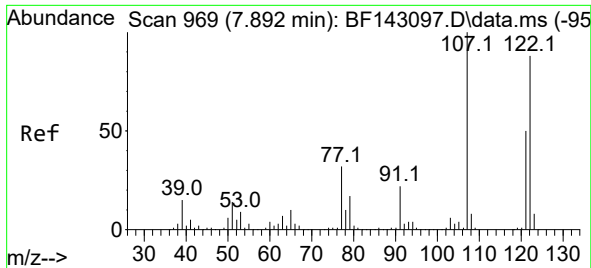
Tgt Ion: 82 Resp: 78369
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.1 14.3 21.5



#26
2-Nitrophenol
Concen: 6.632 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:139 Resp: 10829
Ion Ratio Lower Upper
139 100
109 32.0 23.4 35.0
65 60.5 43.4 65.2

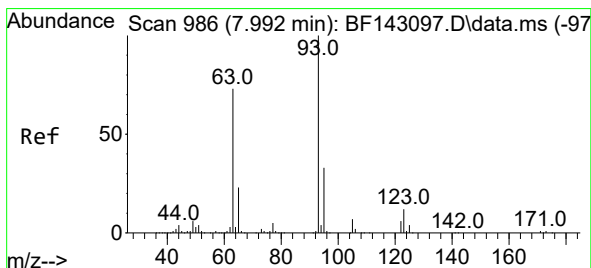
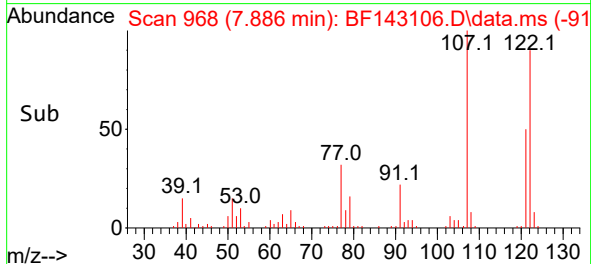
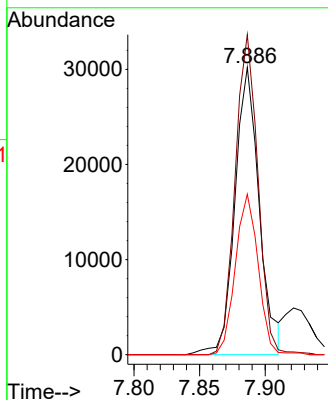
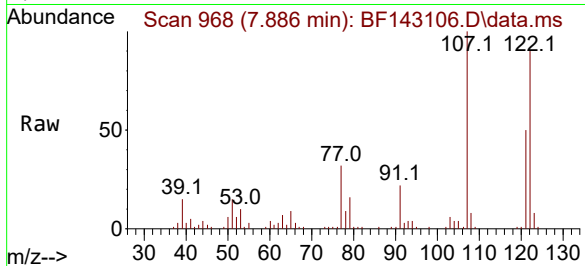




#27
2,4-Dimethylphenol
Concen: 4.553 ng
RT: 7.886 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

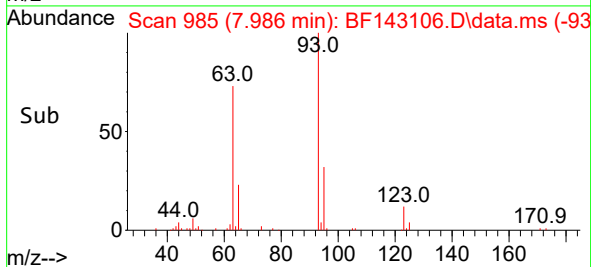
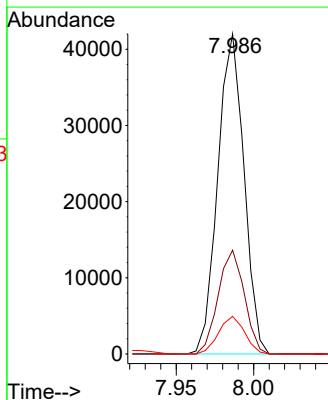
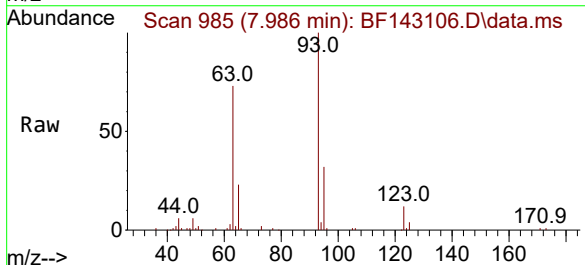
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

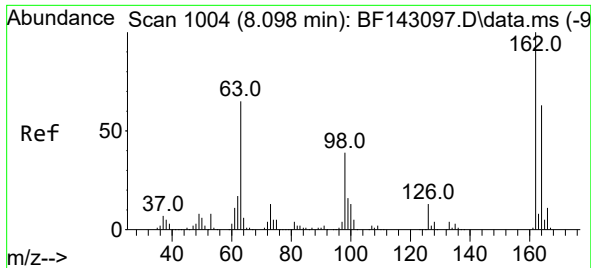
Tgt Ion:122 Resp: 38965
Ion Ratio Lower Upper
122 100
107 111.4 91.3 136.9
121 55.9 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 4.411 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion: 93 Resp: 49313
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.346 ng

RT: 8.092 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

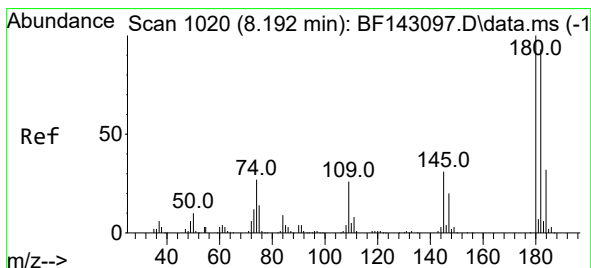
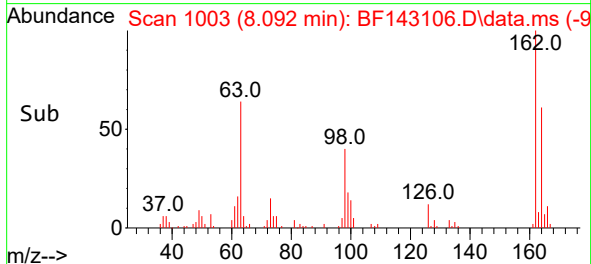
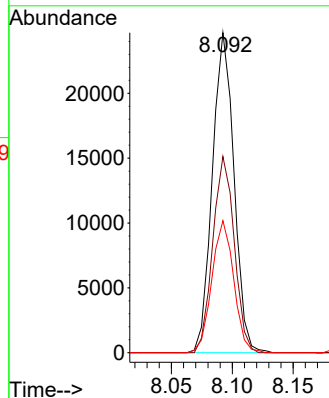
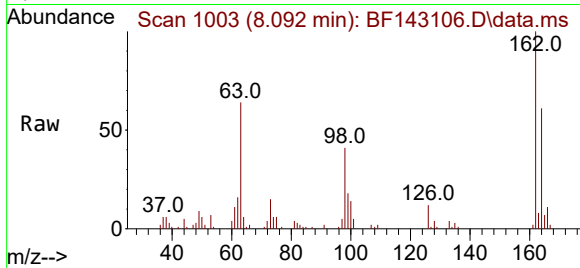
Tgt Ion:162 Resp: 30427

Ion Ratio Lower Upper

162 100

164 61.3 43.1 83.1

98 41.2 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 4.504 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

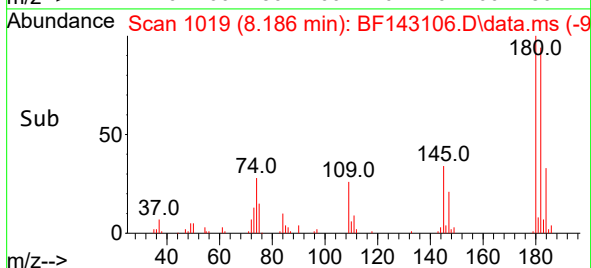
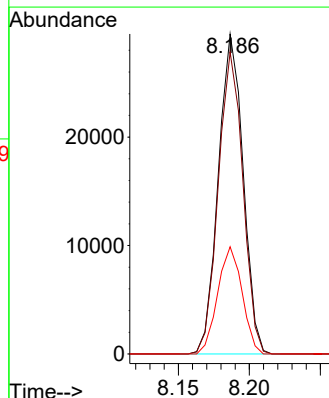
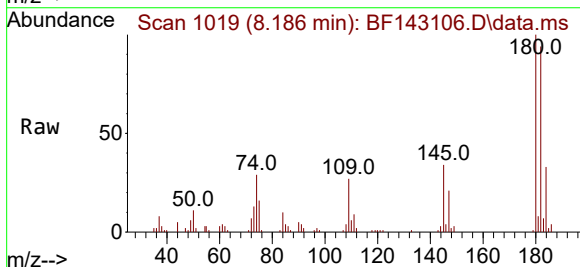
Tgt Ion:180 Resp: 35788

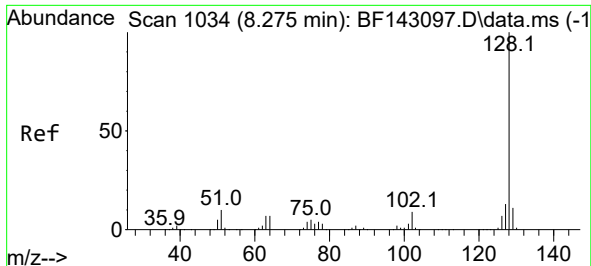
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

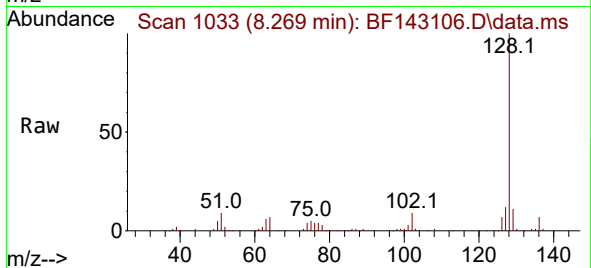
145 33.5 24.5 36.7



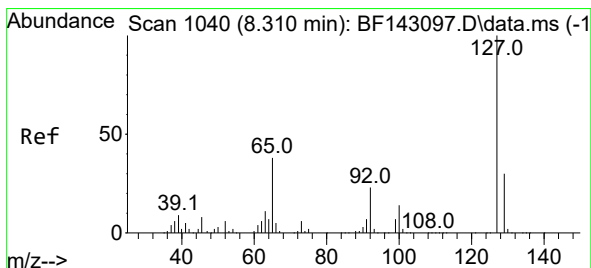
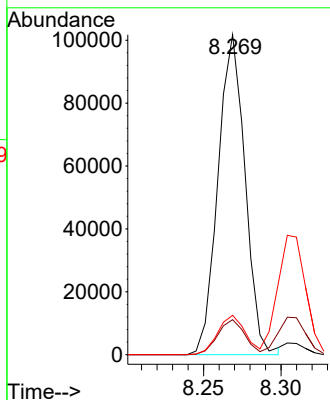
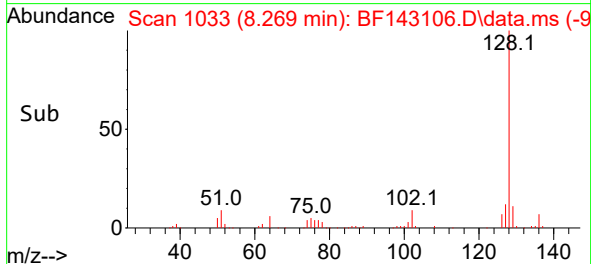


#31
Naphthalene
Concen: 4.646 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

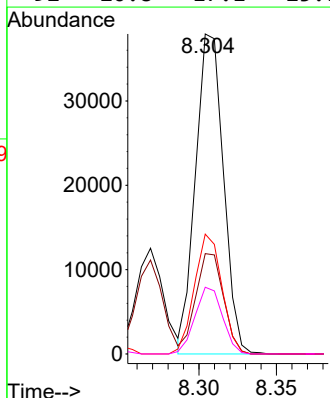
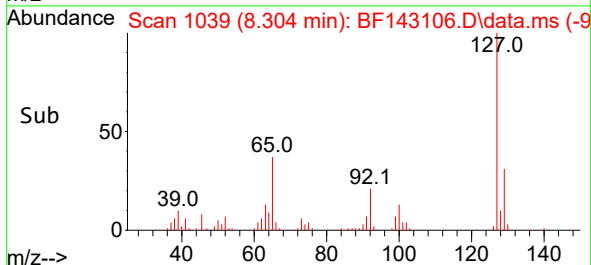
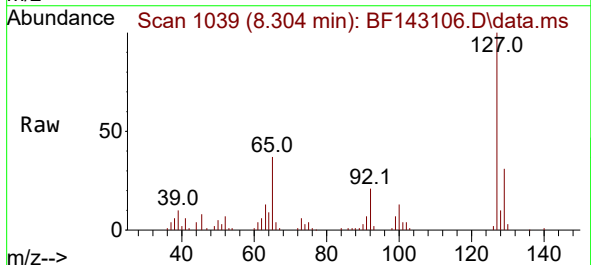


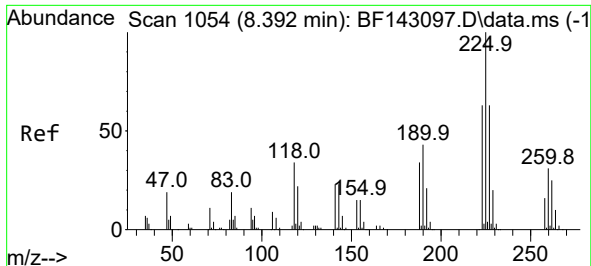
Tgt Ion:128 Resp: 123448
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.3 10.5 15.7



#33
4-Chloroaniline
Concen: 4.451 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:127 Resp: 47562
Ion Ratio Lower Upper
127 100
129 31.3 26.2 39.4
65 37.4 28.6 42.8
92 20.8 17.1 25.7

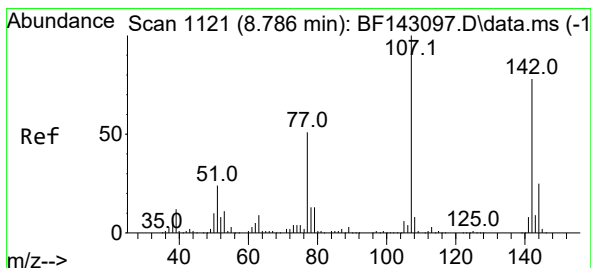
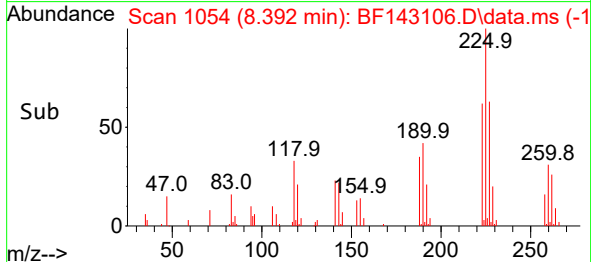
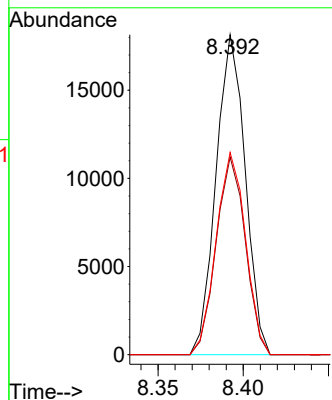
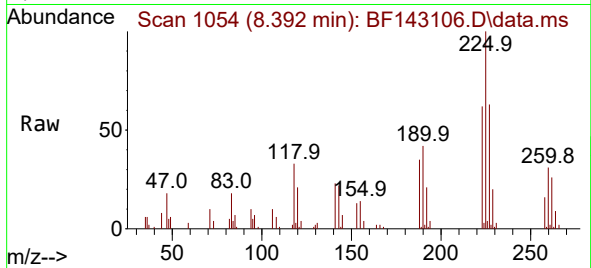




#34
Hexachlorobutadiene
Concen: 4.546 ng
RT: 8.392 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

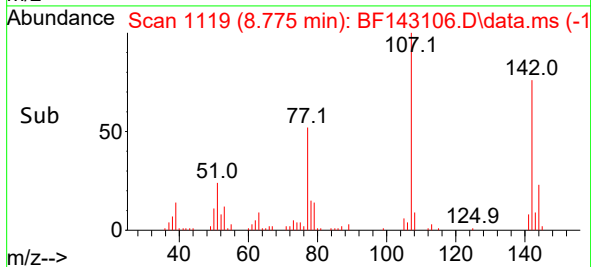
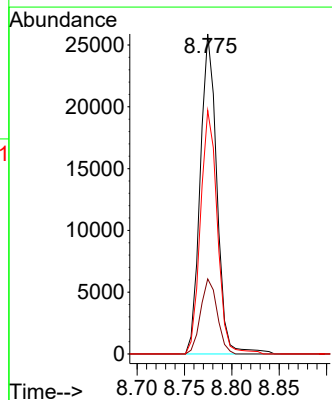
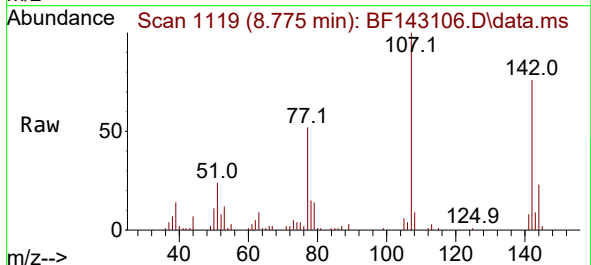
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

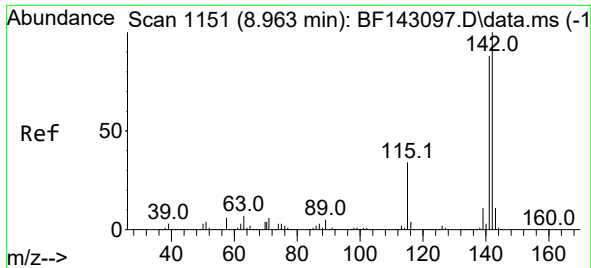
Tgt Ion:225 Resp: 21602
Ion Ratio Lower Upper
225 100
223 61.8 50.3 75.5
227 63.2 50.1 75.1



#36
4-Chloro-3-methylphenol
Concen: 4.054 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:107 Resp: 31615
Ion Ratio Lower Upper
107 100
144 23.5 20.2 30.2
142 76.1 62.4 93.6

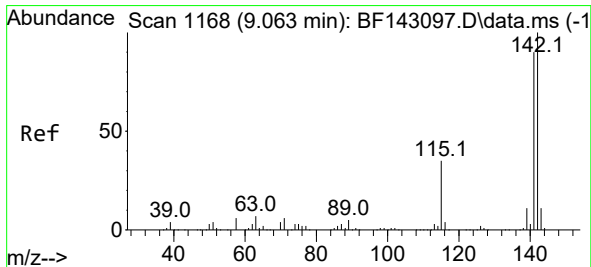
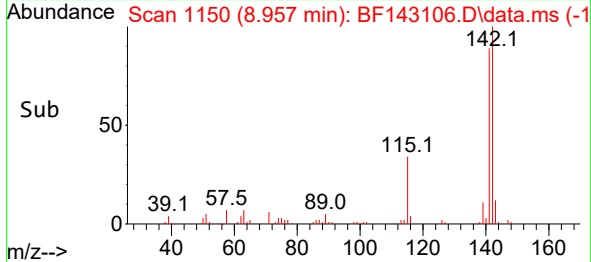
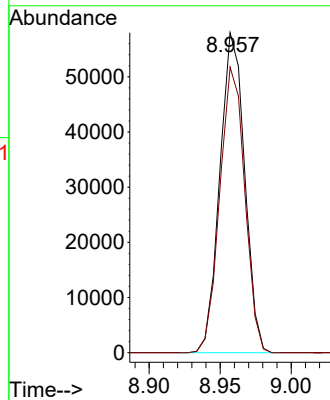
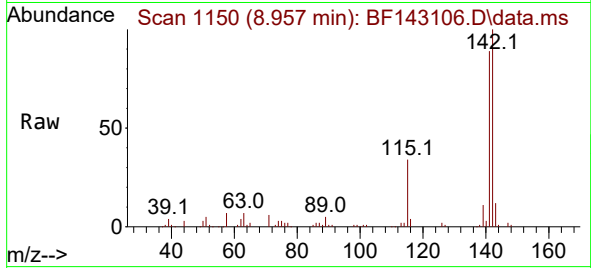




#37
2-Methylnaphthalene
Concen: 4.436 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

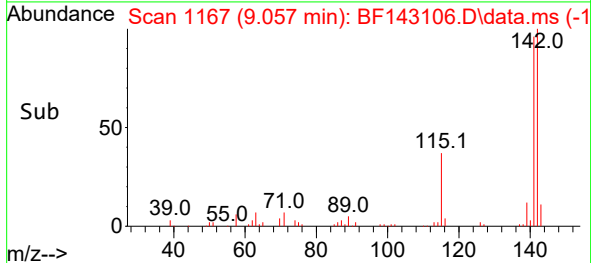
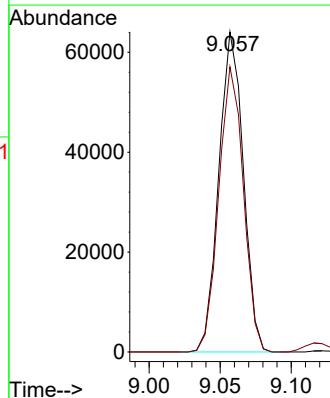
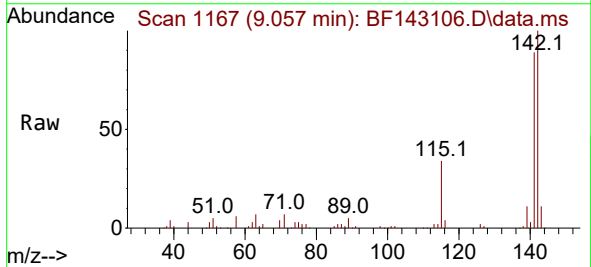
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

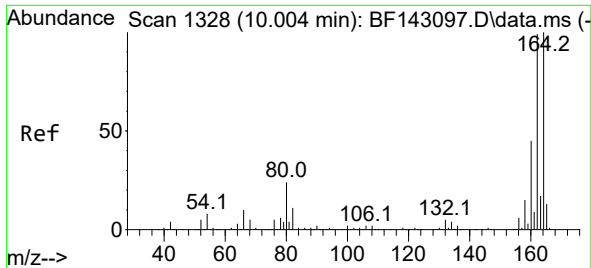
Tgt Ion:142 Resp: 70322
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.2



#38
1-Methylnaphthalene
Concen: 4.671 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:142 Resp: 76800
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.4

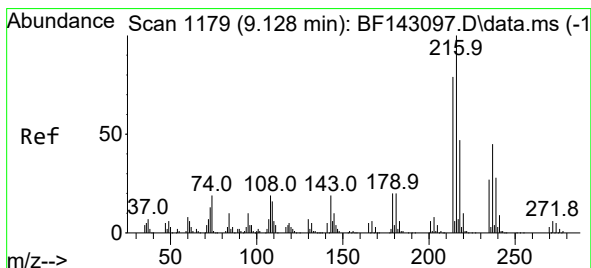
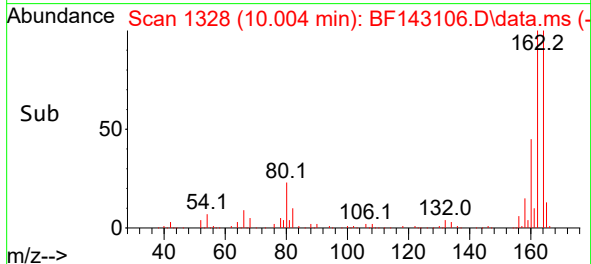
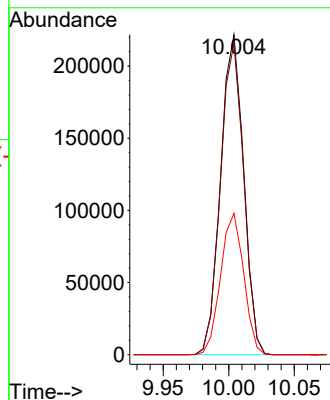
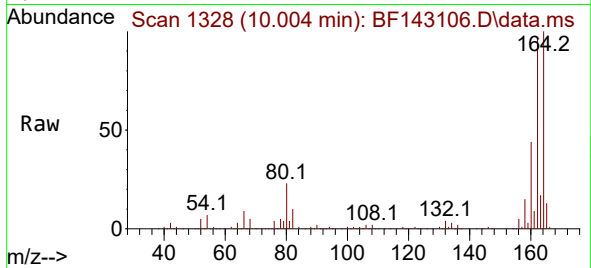




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

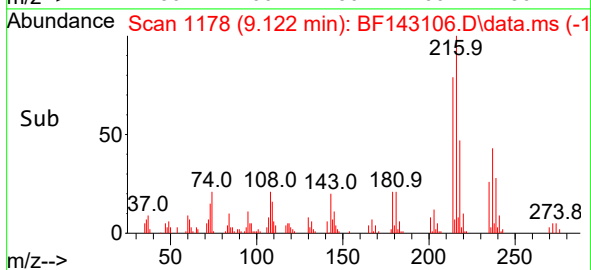
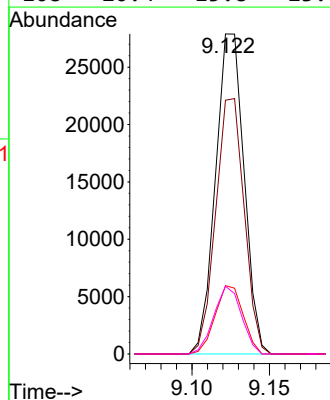
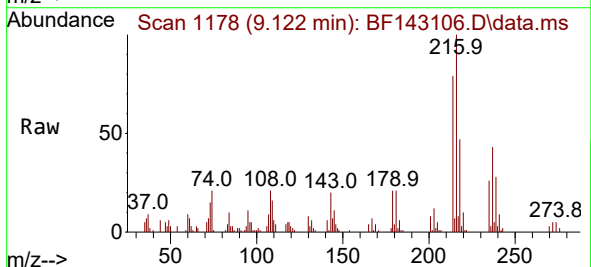
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

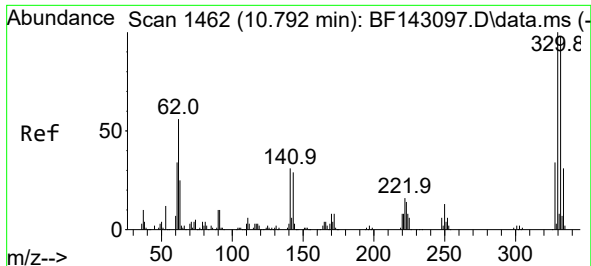
Tgt Ion:164 Resp: 271528
Ion Ratio Lower Upper
164 100
162 97.3 79.0 118.6
160 44.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.526 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:216 Resp: 35811
Ion Ratio Lower Upper
216 100
214 79.4 62.6 94.0
179 20.9 16.2 24.2
108 20.4 15.8 23.6





#42

2,4,6-Tribromophenol

Concen: 121.971 ng

RT: 10.792 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF143106.D

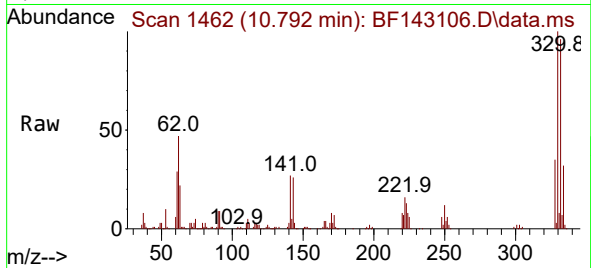
Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025



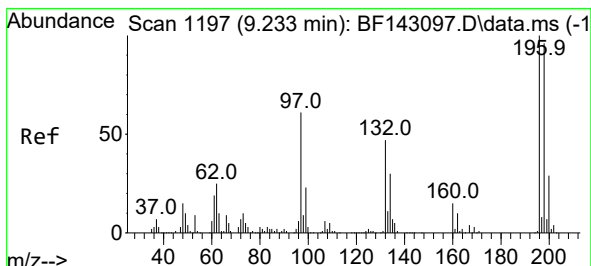
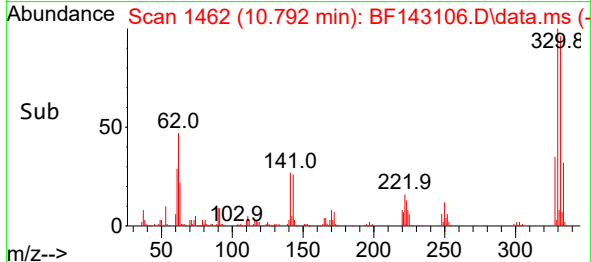
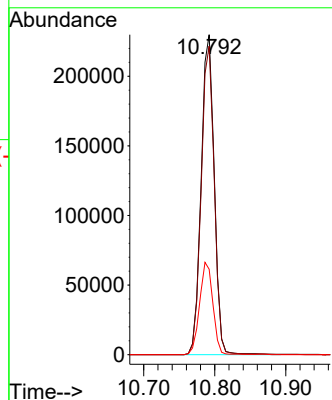
Tgt Ion:330 Resp: 295303

Ion Ratio Lower Upper

330 100

332 96.4 77.9 116.9

141 29.3 25.9 38.9



#43

2,4,6-Trichlorophenol

Concen: 3.937 ng

RT: 9.227 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

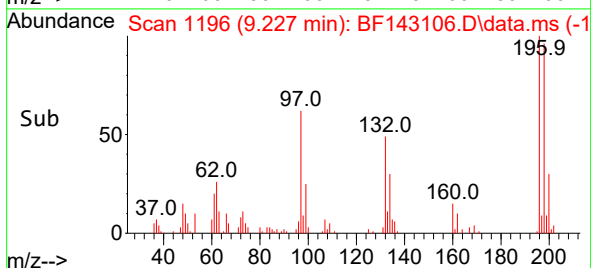
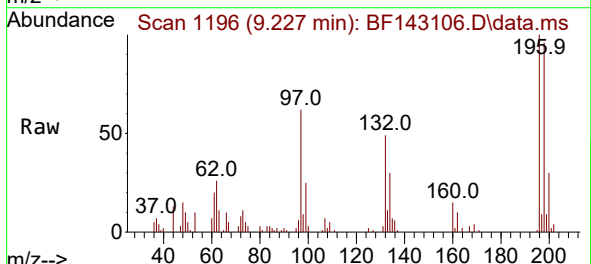
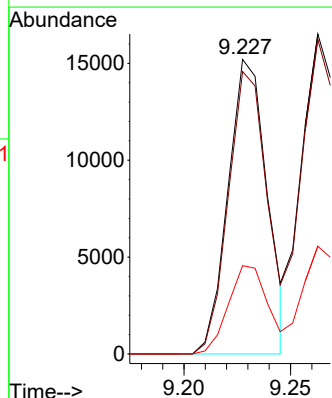
Tgt Ion:196 Resp: 19355

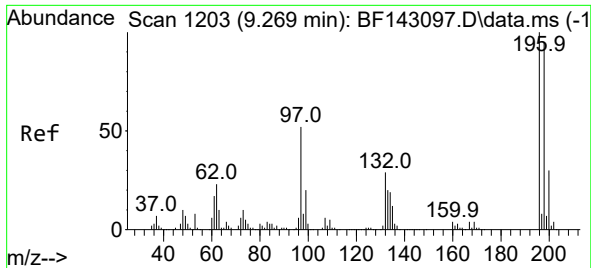
Ion Ratio Lower Upper

196 100

198 95.9 76.9 115.3

200 30.0 23.5 35.3

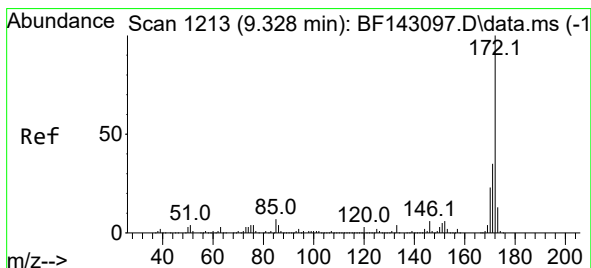
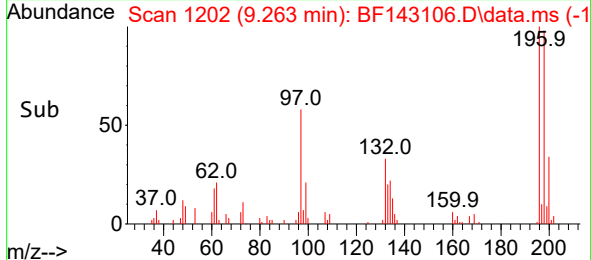
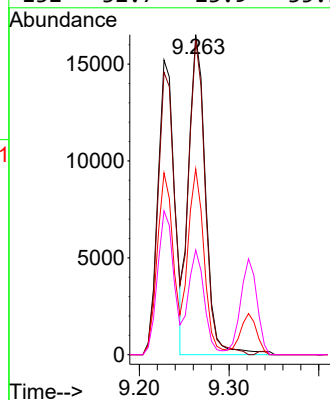
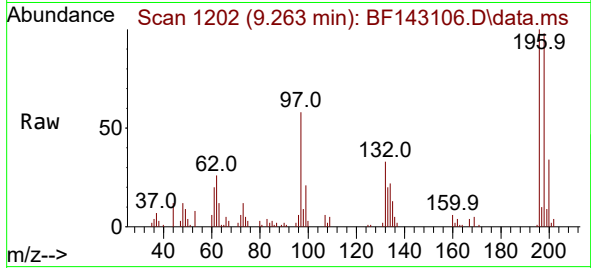




#44
2,4,5-Trichlorophenol
Concen: 4.203 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

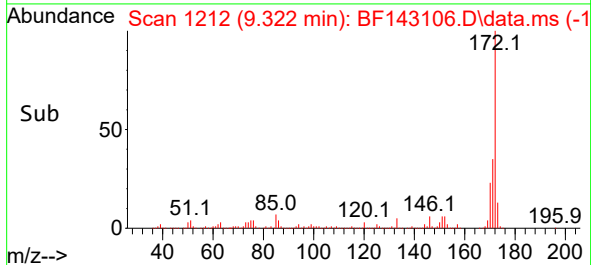
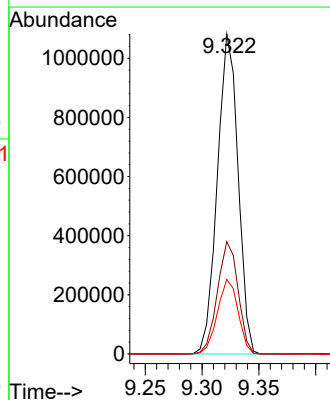
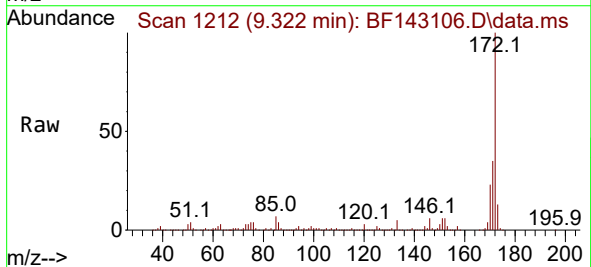
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

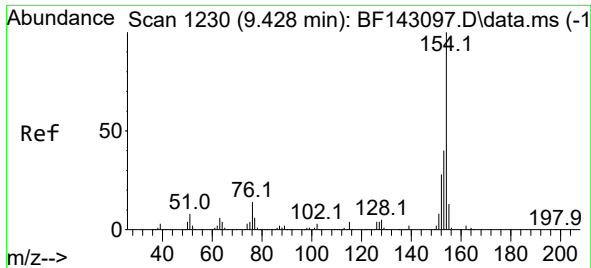
Tgt Ion:196	Resp:	21667
Ion Ratio	Lower	Upper
196	100	
198	98.3	76.4 114.6
97	58.0	42.4 63.6
132	32.7	23.9 35.9



#45
2-Fluorobiphenyl
Concen: 67.254 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:172	Resp:	1373769
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.2 42.4
170	23.3	18.6 28.0





#46

1,1'-Biphenyl

Concen: 4.582 ng

RT: 9.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

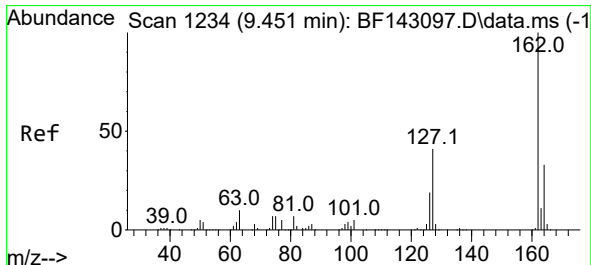
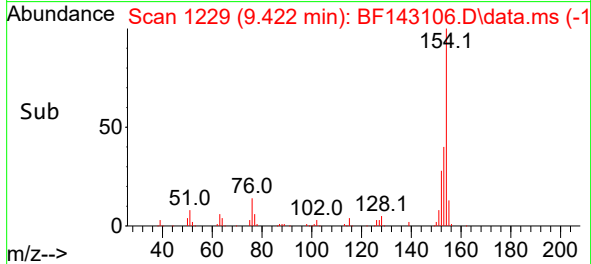
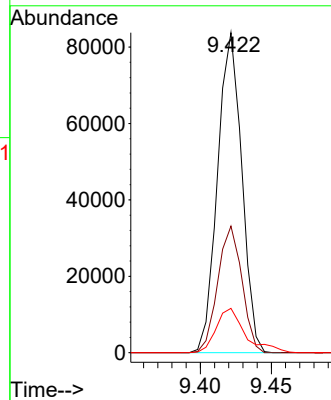
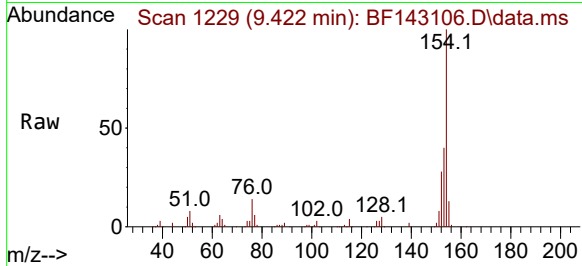
Tgt Ion:154 Resp: 99227

Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

76 13.8 0.0 33.7



#47

2-Chloronaphthalene

Concen: 4.396 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

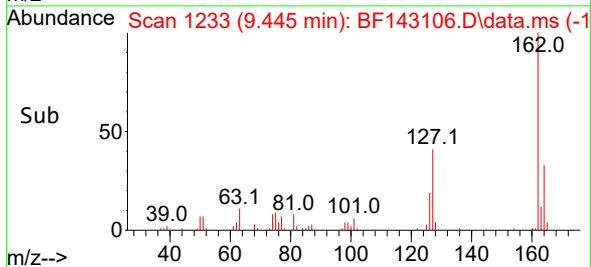
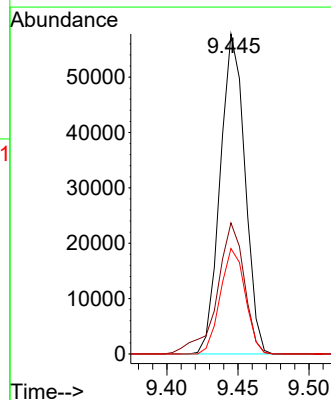
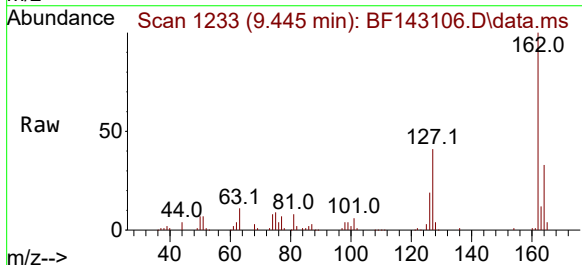
Tgt Ion:162 Resp: 69925

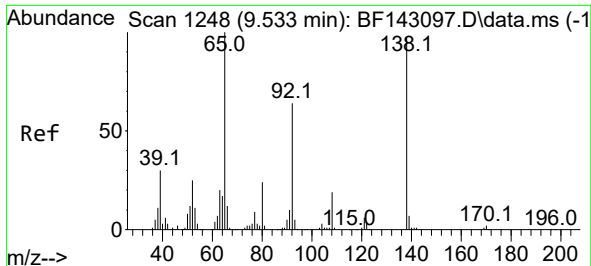
Ion Ratio Lower Upper

162 100

127 41.0 33.0 49.6

164 32.9 26.1 39.1

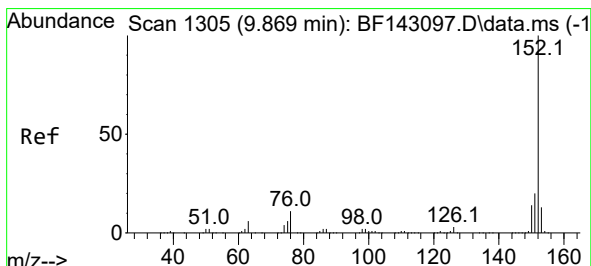
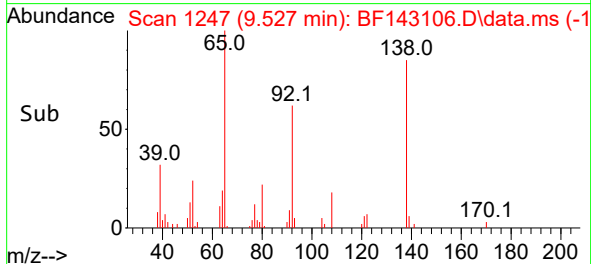
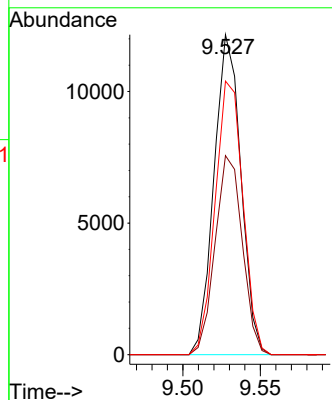
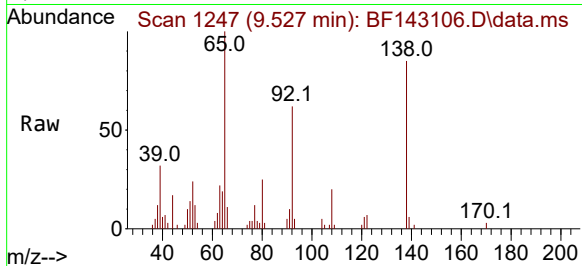




#48
2-Nitroaniline
Concen: 6.057 ng
RT: 9.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

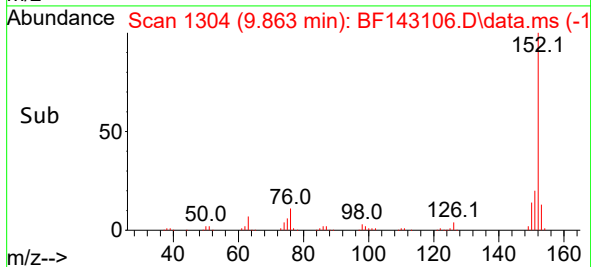
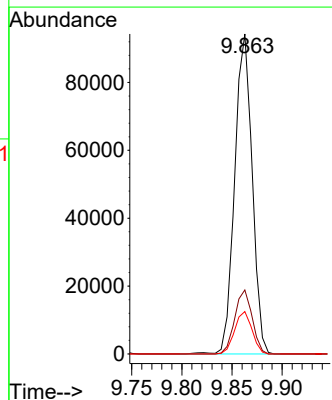
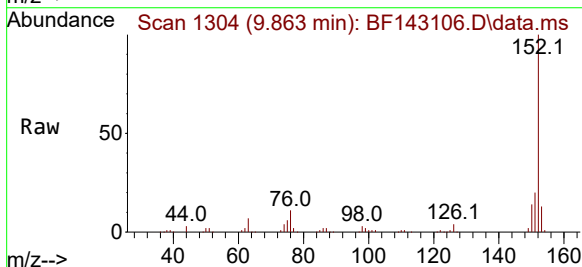
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

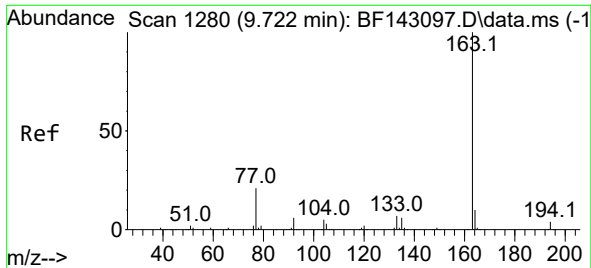
Tgt Ion: 65 Resp: 14656
Ion Ratio Lower Upper
65 100
92 62.2 51.3 76.9
138 85.5 77.8 116.6



#49
Acenaphthylene
Concen: 4.321 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion: 152 Resp: 114541
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.4 15.6

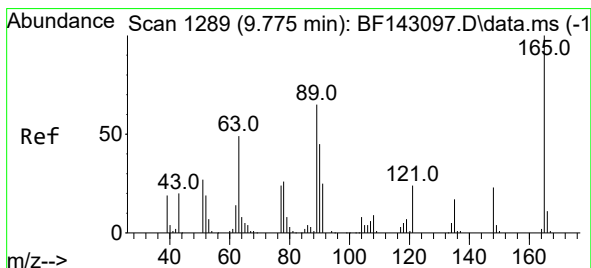
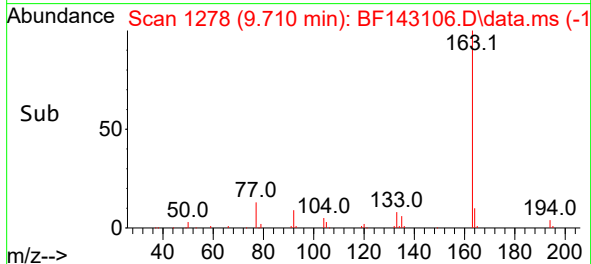
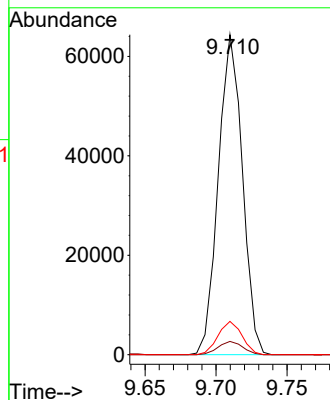
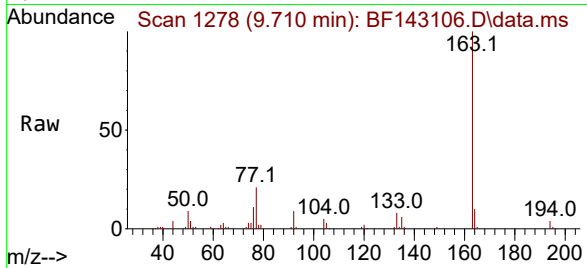




#50
Dimethylphthalate
Concen: 4.435 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

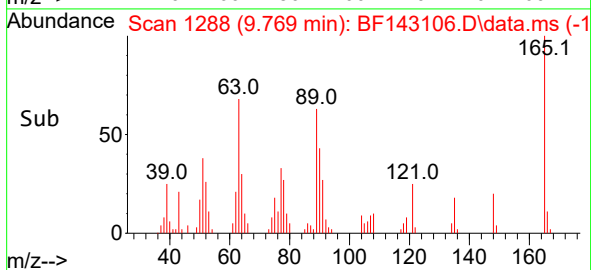
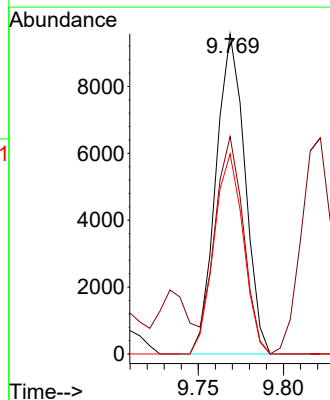
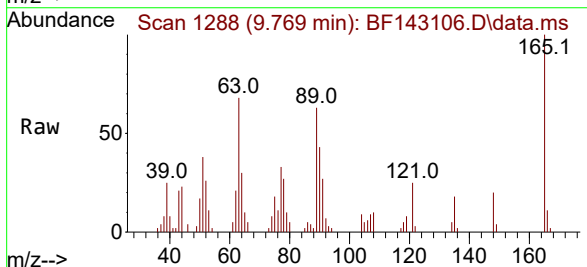
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

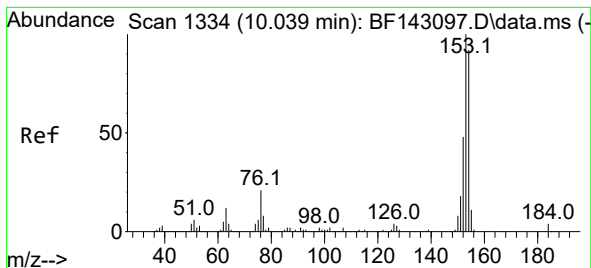
Tgt Ion:163 Resp: 75767
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 5.951 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:165 Resp: 11308
Ion Ratio Lower Upper
165 100
63 67.9 57.4 86.0
89 62.5 51.8 77.8





#52

Acenaphthene

Concen: 4.525 ng

RT: 10.033 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

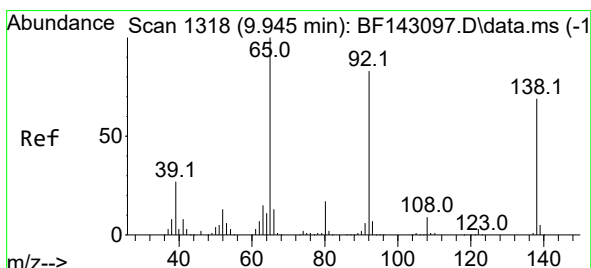
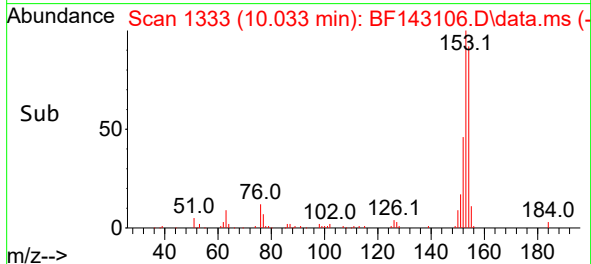
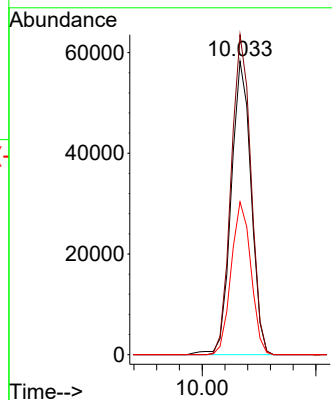
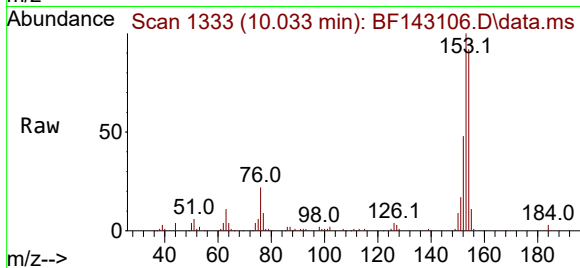
Tgt Ion:154 Resp: 70783

Ion Ratio Lower Upper

154 100

153 109.0 86.7 130.1

152 52.1 41.4 62.2



#53

3-Nitroaniline

Concen: 3.829 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

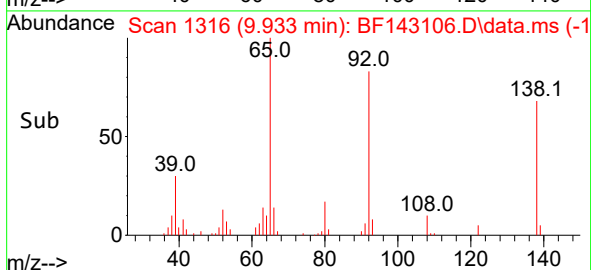
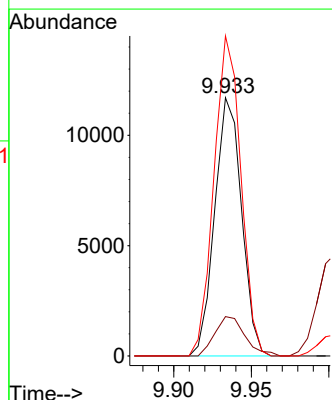
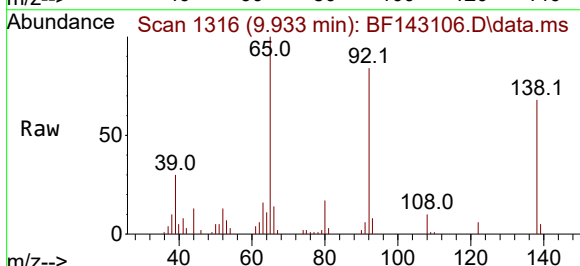
Tgt Ion:138 Resp: 14132

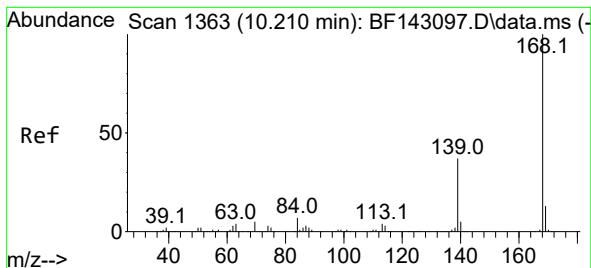
Ion Ratio Lower Upper

138 100

108 15.3 10.1 15.1#

92 123.9 96.4 144.6





#55

Dibenzenofuran

Concen: 4.503 ng

RT: 10.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

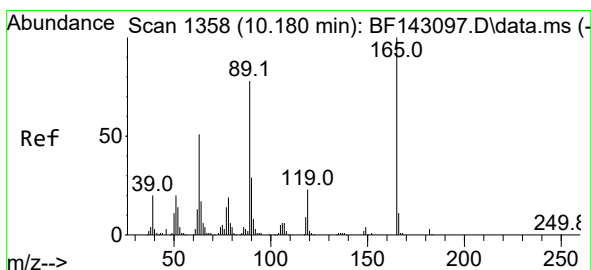
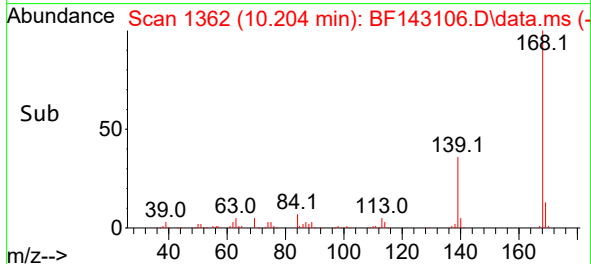
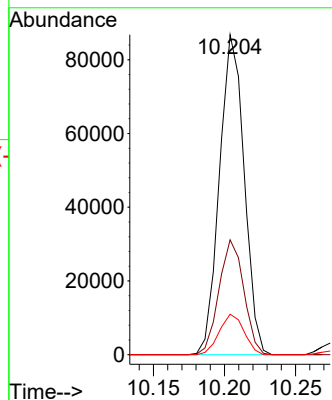
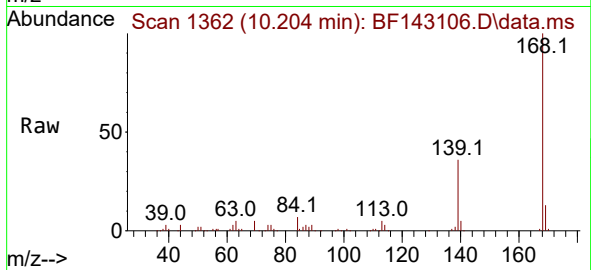
Tgt Ion:168 Resp: 104992

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.6

169 12.6 10.8 16.2



#57

2,4-Dinitrotoluene

Concen: 5.983 ng

RT: 10.169 min Scan# 1356

Delta R.T. -0.011 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Tgt Ion:165 Resp: 11723

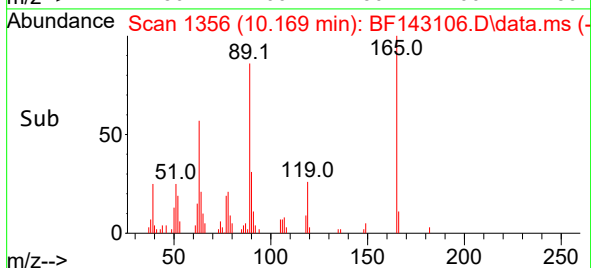
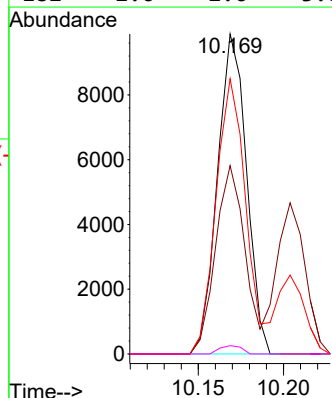
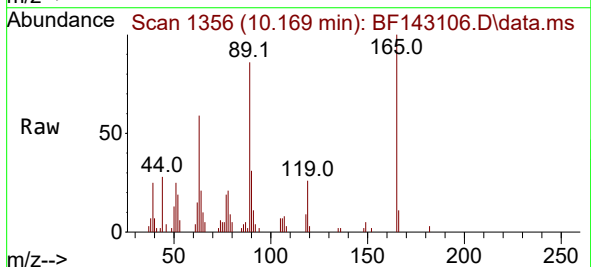
Ion Ratio Lower Upper

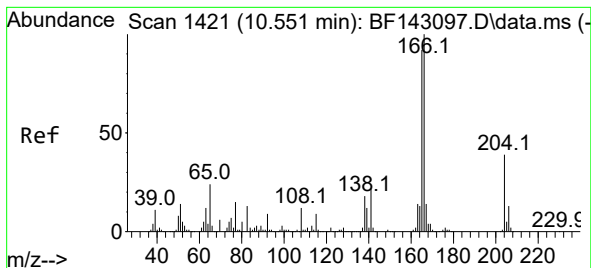
165 100

63 58.9 40.6 61.0

89 86.0 62.3 93.5

182 2.6 2.6 3.8





#58

Fluorene

Concen: 4.672 ng

RT: 10.551 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

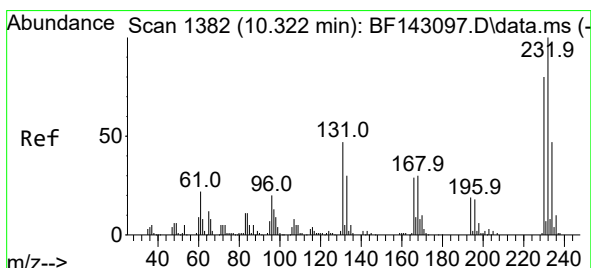
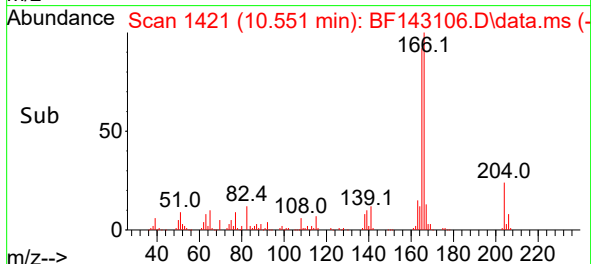
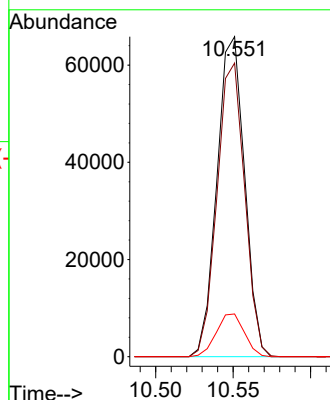
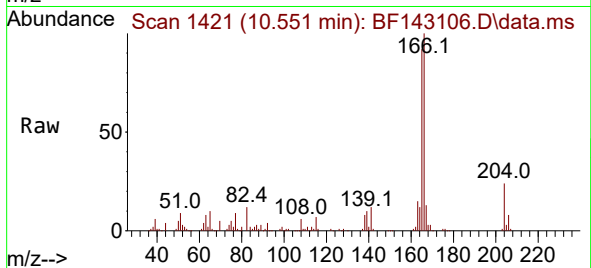
Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:166	Resp:	81661
Ion Ratio	Lower	Upper
166	100	
165	91.8	73.7 110.5
167	13.3	10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.048 ng

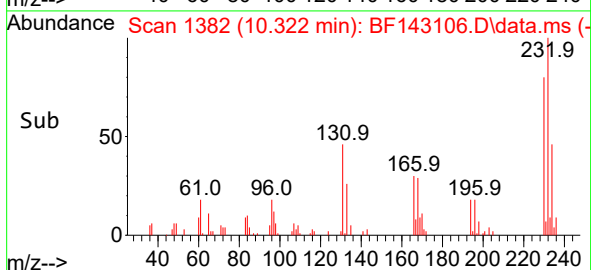
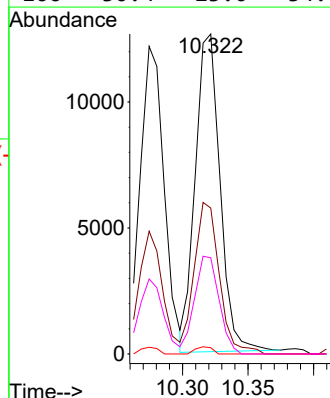
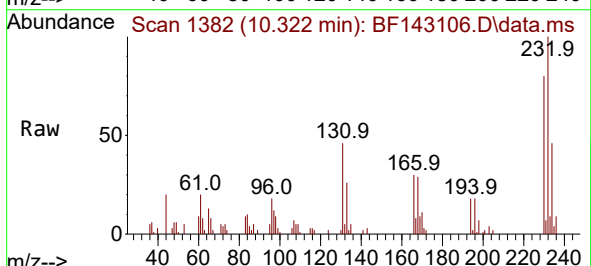
RT: 10.322 min Scan# 1382

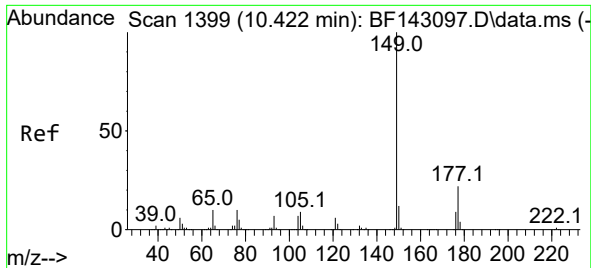
Delta R.T. -0.000 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Tgt Ion:232	Resp:	16586
Ion Ratio	Lower	Upper
232	100	
131	48.3	36.9 55.3
130	1.6	1.8 2.8#
166	30.4	23.0 34.6

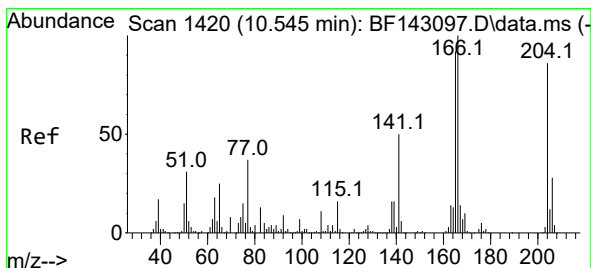
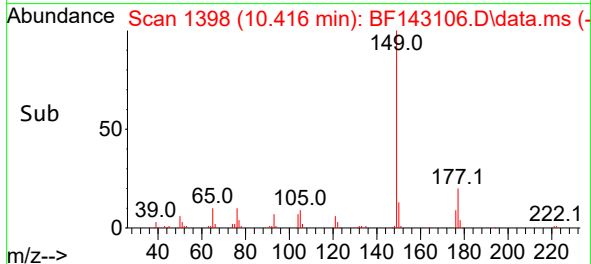
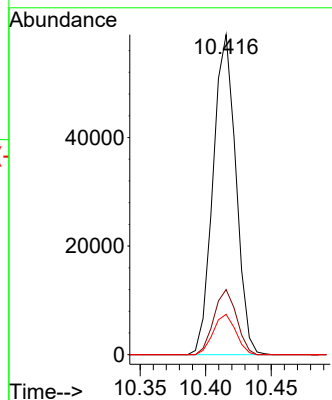
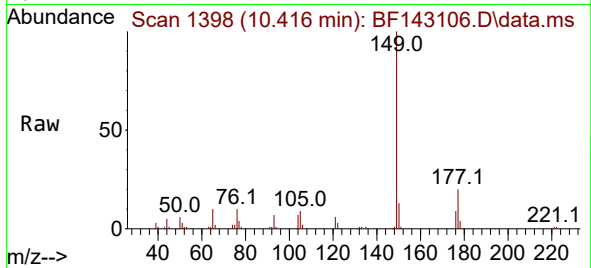




#60
Diethylphthalate
Concen: 4.330 ng
RT: 10.416 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

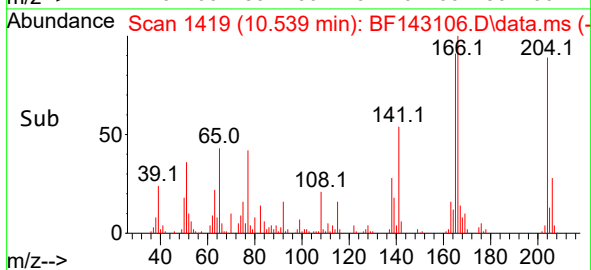
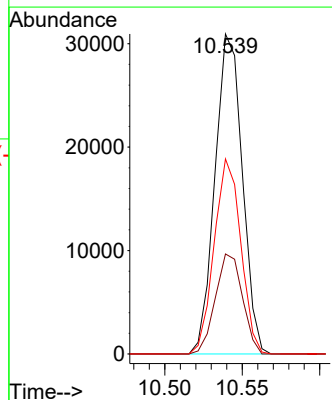
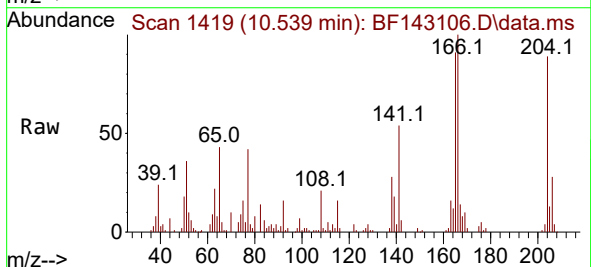
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

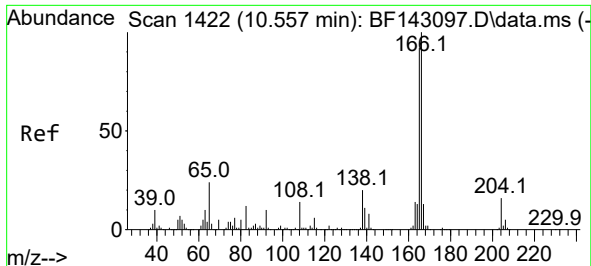
Tgt Ion:149 Resp: 71366
Ion Ratio Lower Upper
149 100
177 20.4 17.3 25.9
150 12.6 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 4.529 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:204 Resp: 37948
Ion Ratio Lower Upper
204 100
206 31.2 25.8 38.6
141 60.9 46.8 70.2

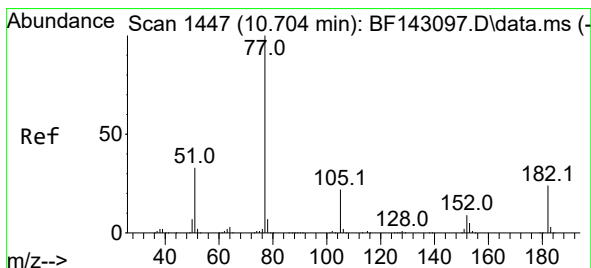
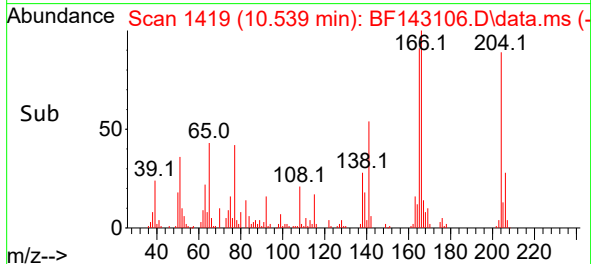
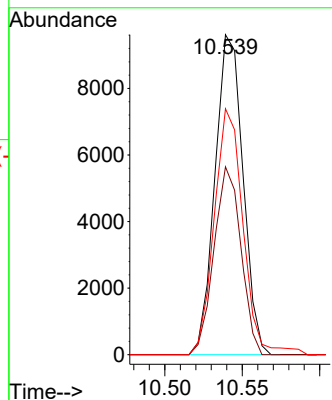
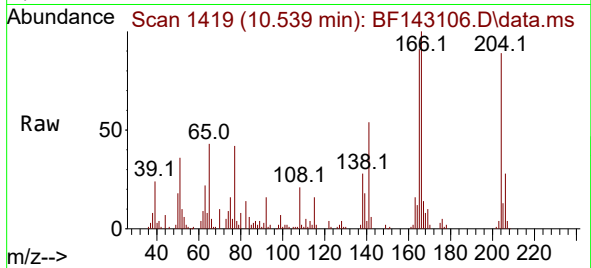




#62
4-Nitroaniline
Concen: 3.764 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

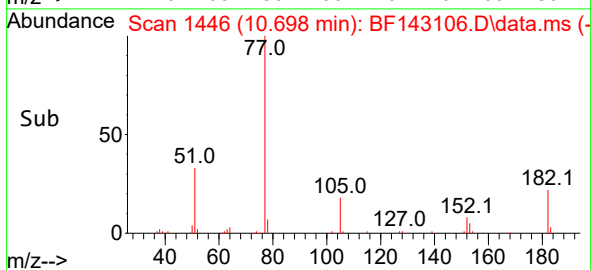
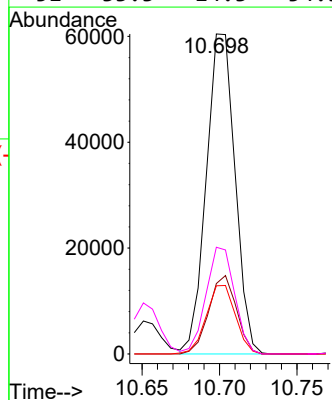
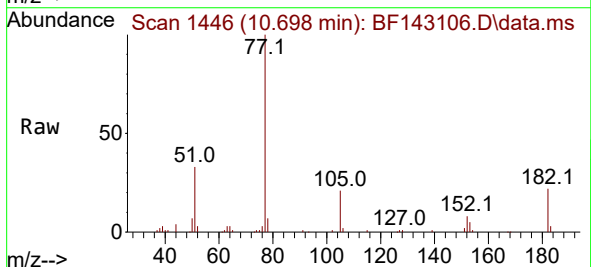
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

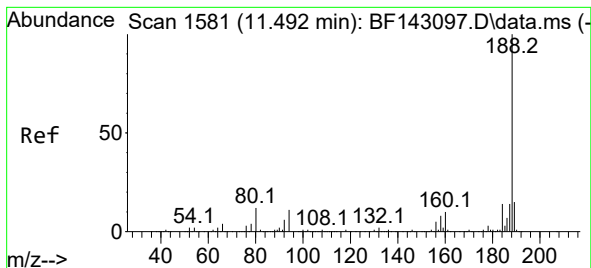
Tgt Ion:138 Resp: 12081
Ion Ratio Lower Upper
138 100
92 58.7 30.4 70.4
108 76.9 49.5 89.5



#63
Azobenzene
Concen: 4.292 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion: 77 Resp: 78222
Ion Ratio Lower Upper
77 100
182 22.0 4.0 44.0
105 21.3 1.4 41.4
51 33.3 14.3 54.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

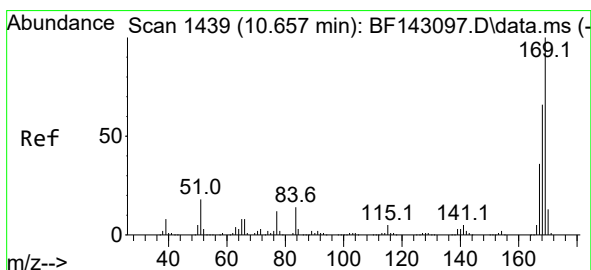
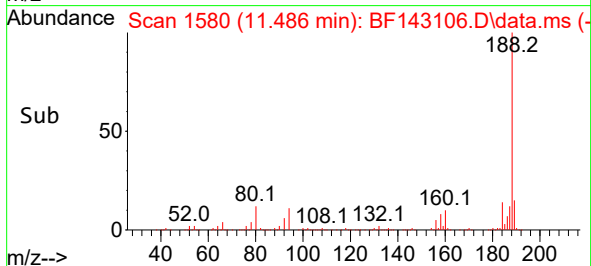
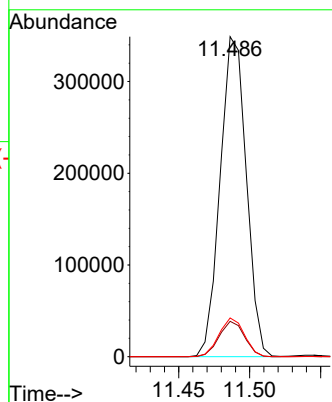
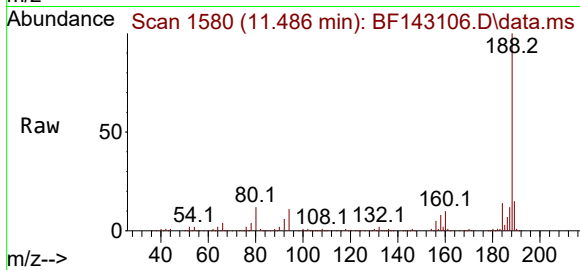
Tgt Ion:188 Resp: 447459

Ion Ratio Lower Upper

188 100

94 11.1 8.6 13.0

80 12.1 9.3 13.9



#66

n-Nitrosodiphenylamine

Concen: 4.264 ng

RT: 10.657 min Scan# 1439

Delta R.T. -0.000 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

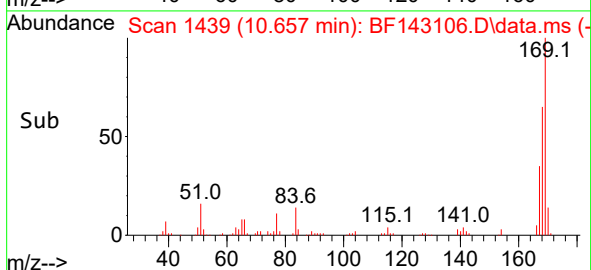
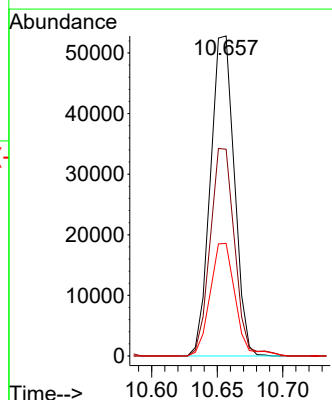
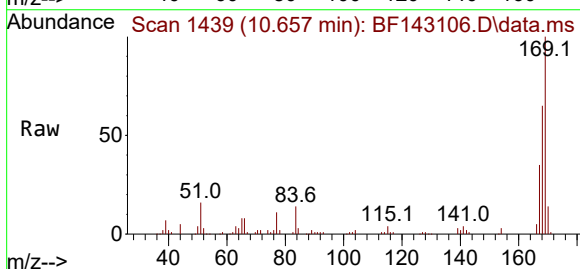
Tgt Ion:169 Resp: 67021

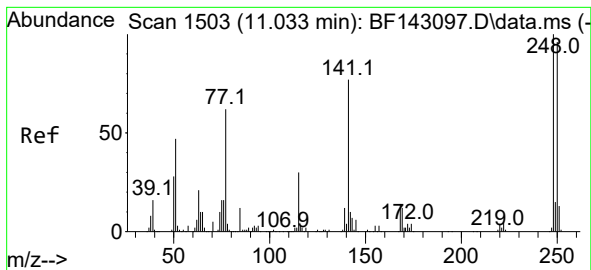
Ion Ratio Lower Upper

169 100

168 64.6 53.0 79.6

167 35.2 28.4 42.6

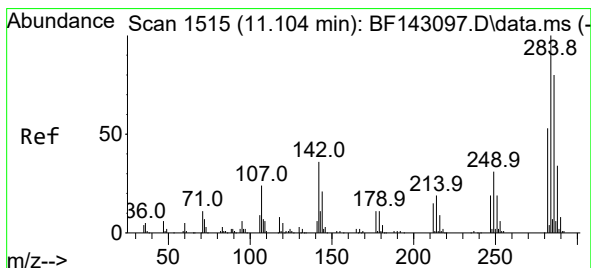
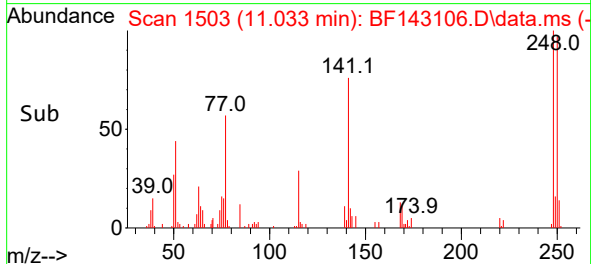
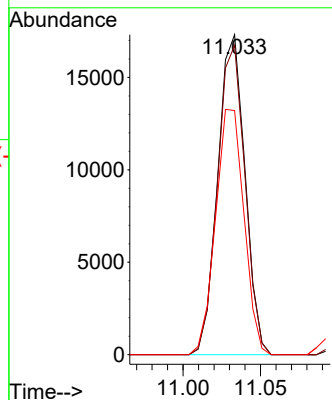
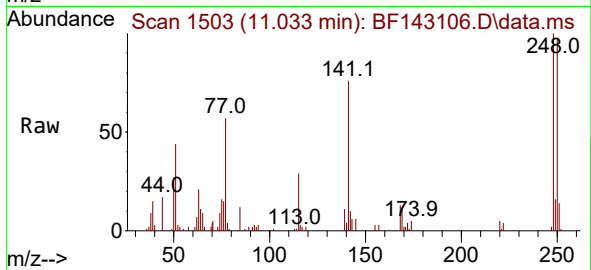




#67
4-Bromophenyl-phenylether
Concen: 4.166 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

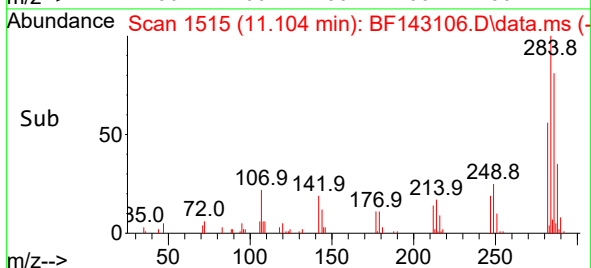
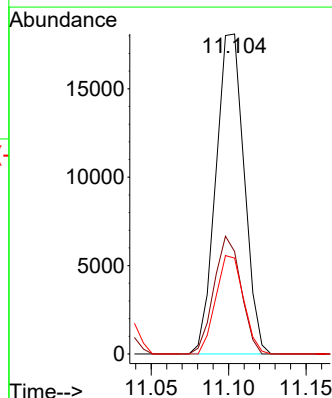
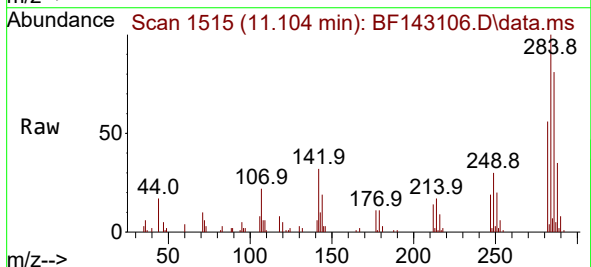
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

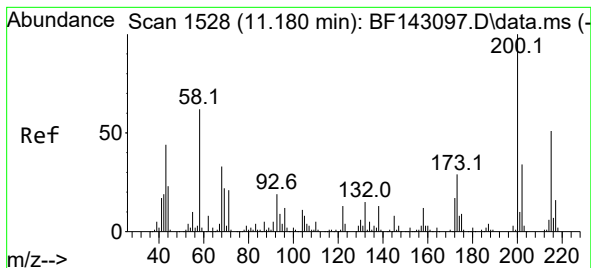
Tgt Ion:248 Resp: 21198
Ion Ratio Lower Upper
248 100
250 96.7 76.7 115.1
141 76.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 4.262 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

Tgt Ion:284 Resp: 23014
Ion Ratio Lower Upper
284 100
142 32.0 28.9 43.3
249 30.0 24.6 37.0





#69

Atrazine

Concen: 4.042 ng

RT: 11.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

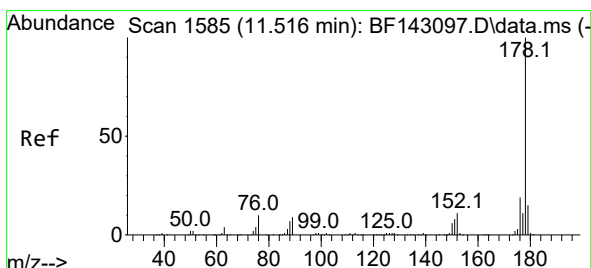
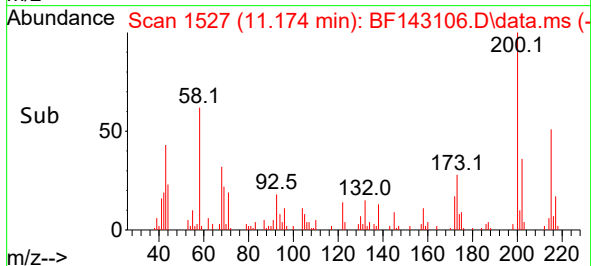
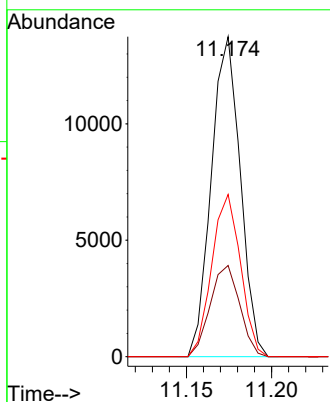
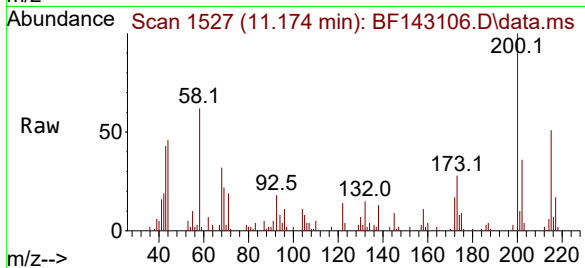
Tgt Ion:200 Resp: 16252

Ion Ratio Lower Upper

200 100

173 28.5 9.1 49.1

215 50.7 31.0 71.0



#71

Phenanthrene

Concen: 4.552 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

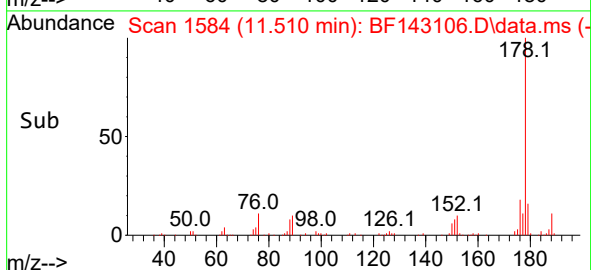
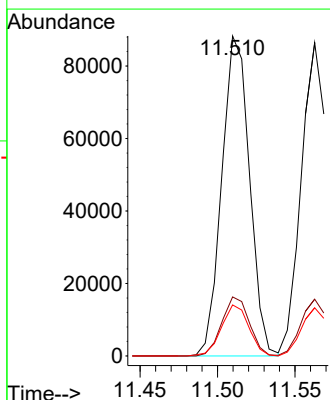
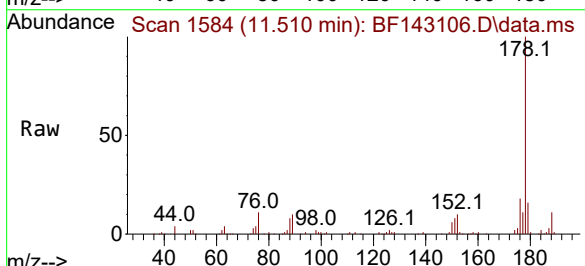
Tgt Ion:178 Resp: 109934

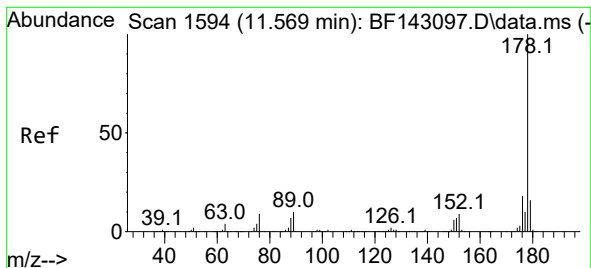
Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

179 15.9 12.2 18.4





#72

Anthracene

Concen: 4.312 ng

RT: 11.563 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

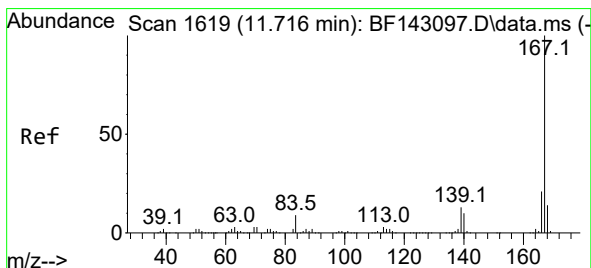
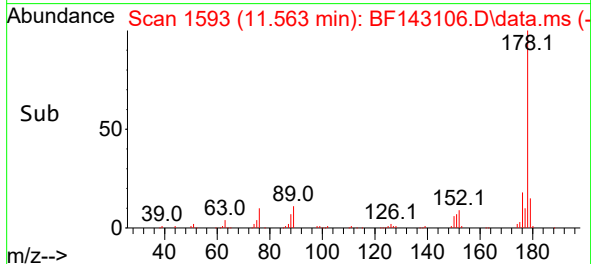
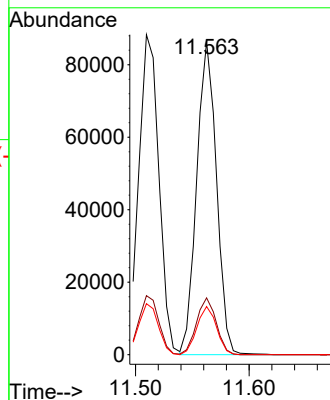
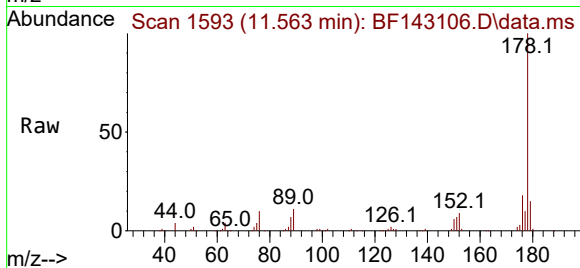
Tgt Ion:178 Resp: 104712

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.4 12.4 18.6



#73

Carbazole

Concen: 4.308 ng

RT: 11.710 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

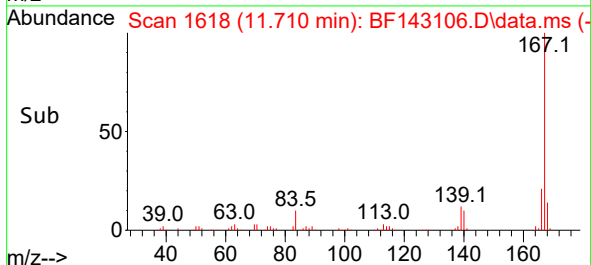
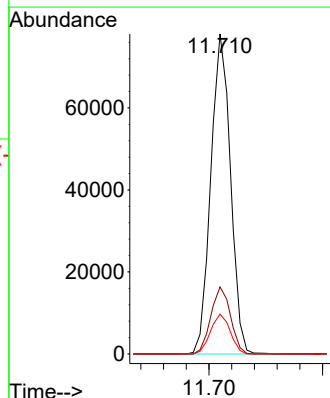
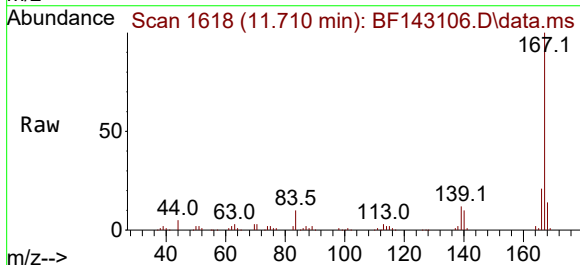
Tgt Ion:167 Resp: 93729

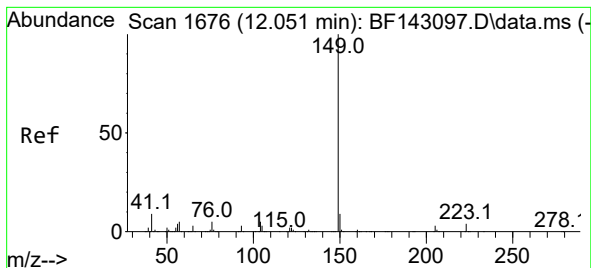
Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 12.5 10.2 15.4





#74

Di-n-butylphthalate

Concen: 3.721 ng

RT: 12.051 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

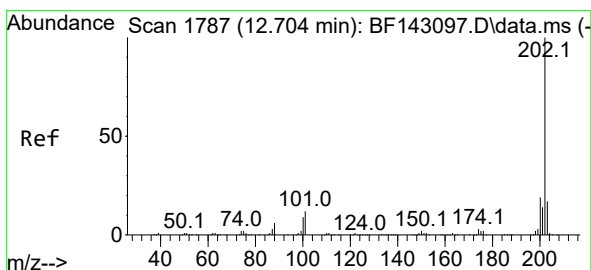
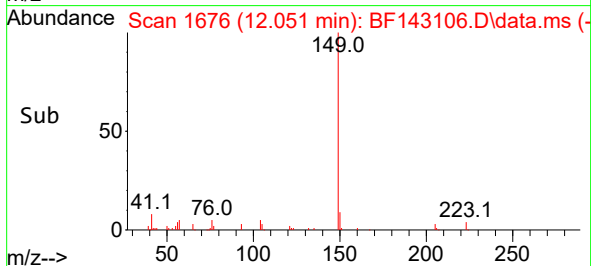
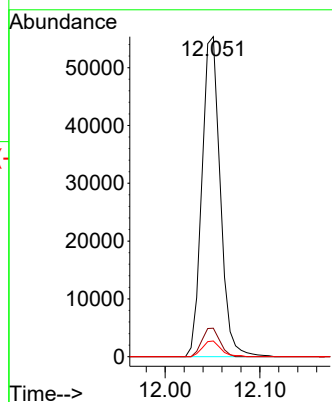
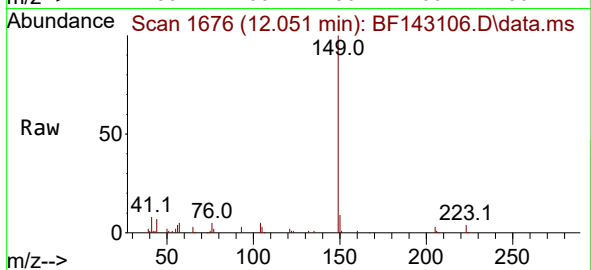
Tgt Ion:149 Resp: 74312

Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 4.9 3.8 5.8



#75

Fluoranthene

Concen: 4.291 ng

RT: 12.704 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

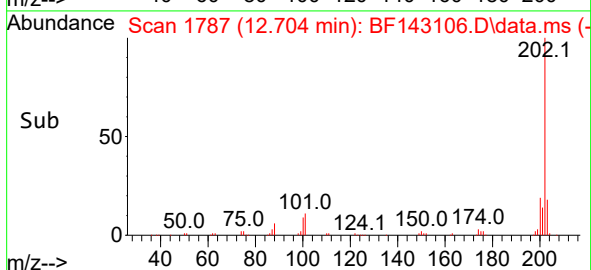
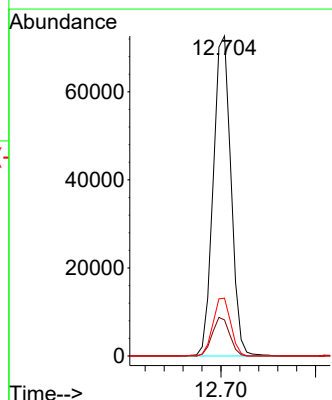
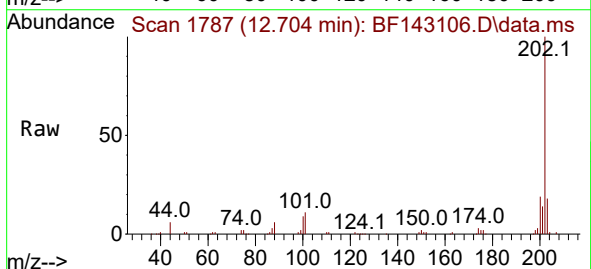
Tgt Ion:202 Resp: 94213

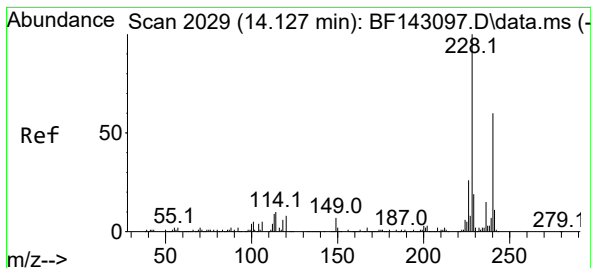
Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.4

203 18.1 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

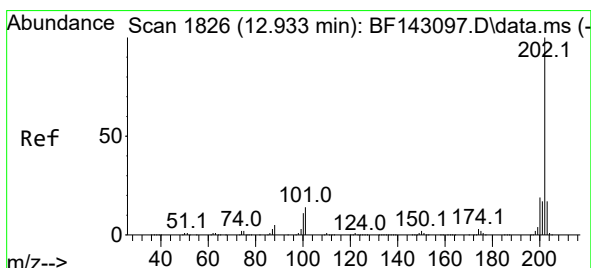
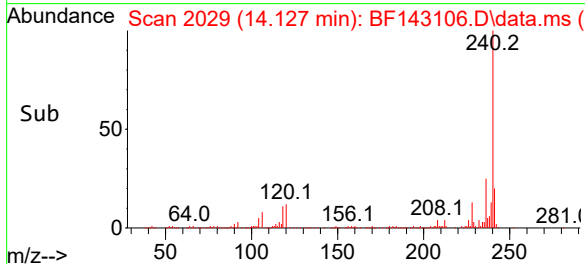
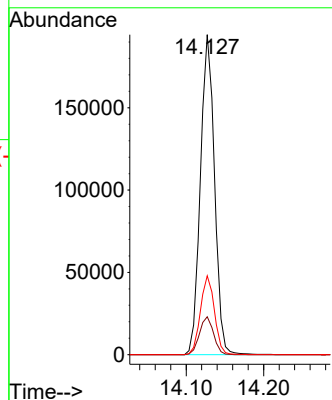
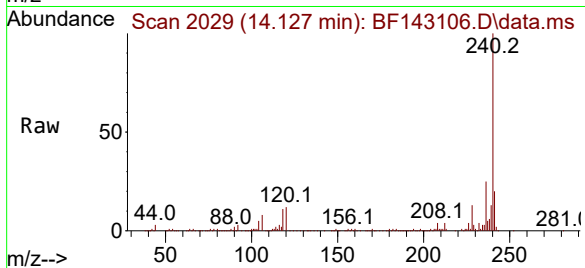
Tgt Ion:240 Resp: 246073

Ion Ratio Lower Upper

240 100

120 11.9 10.0 15.0

236 24.7 20.0 30.0



#78

Pyrene

Concen: 4.304 ng

RT: 12.927 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

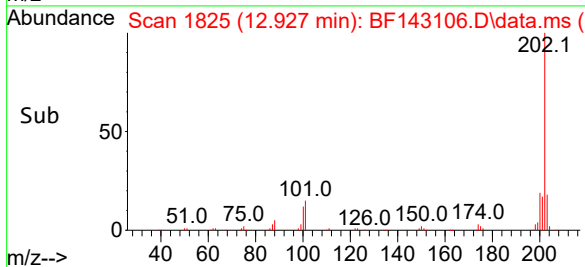
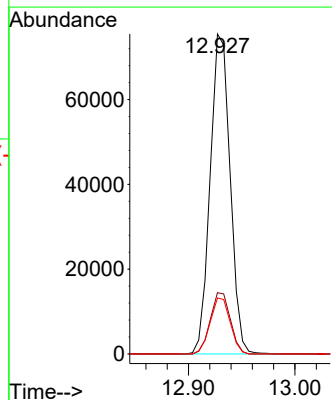
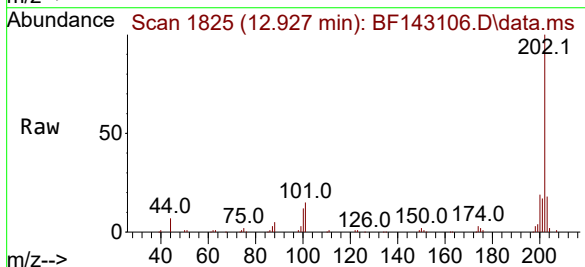
Tgt Ion:202 Resp: 98267

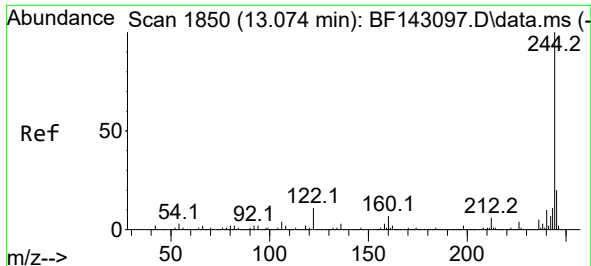
Ion Ratio Lower Upper

202 100

200 19.1 15.5 23.3

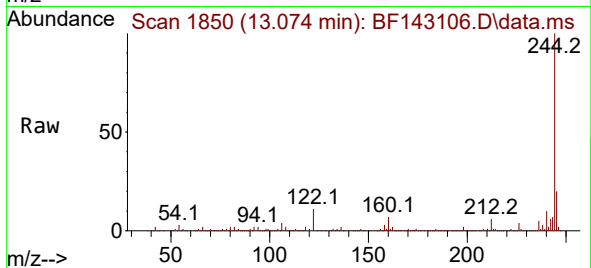
203 17.5 14.0 21.0



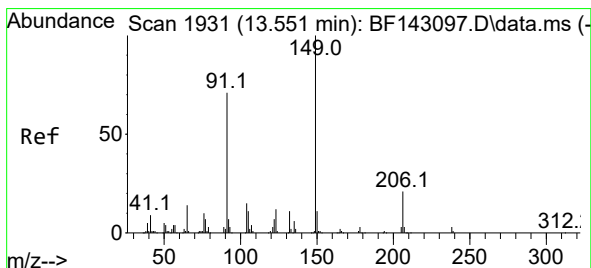
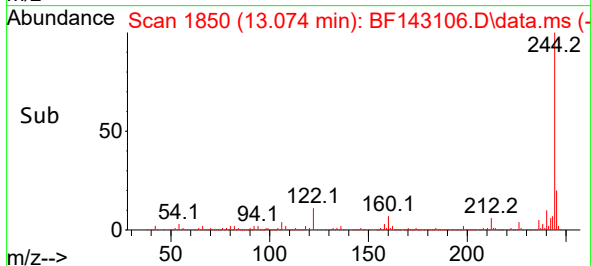
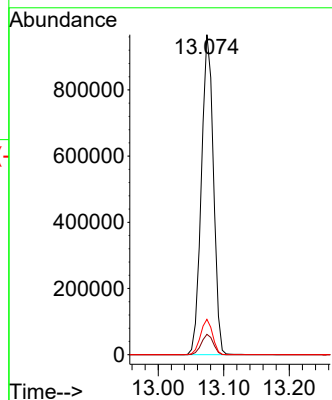


#79
 Terphenyl-d14
 Concen: 73.653 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143106.D
 Acq: 16 Jul 2025 11:03

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

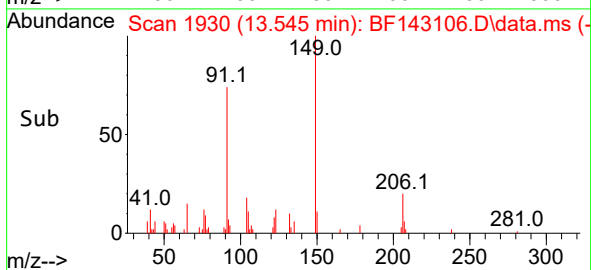
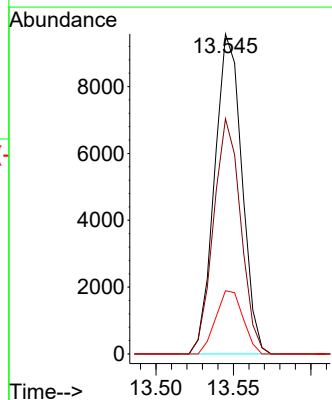
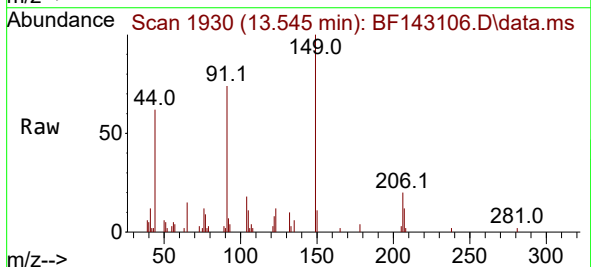


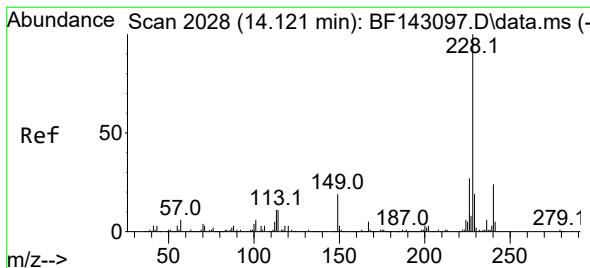
Tgt Ion:244 Resp: 1239839
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 11.0 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 5.786 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF143106.D
 Acq: 16 Jul 2025 11:03

Tgt Ion:149 Resp: 11729
 Ion Ratio Lower Upper
 149 100
 91 73.5 57.0 85.4
 206 19.8 17.2 25.8





#81

Benzo(a)anthracene

Concen: 3.999 ng

RT: 14.115 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF143106.D

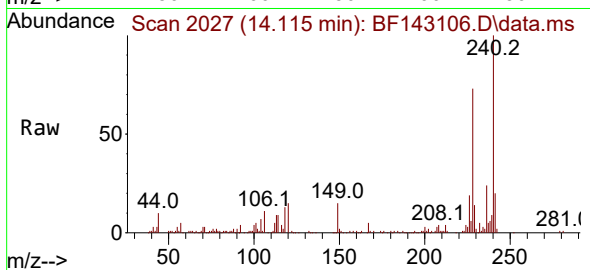
Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025



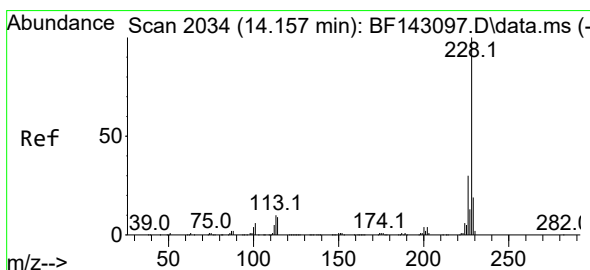
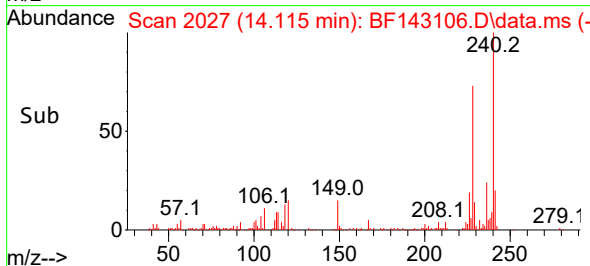
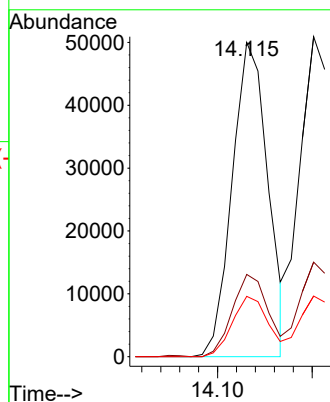
Tgt Ion:228 Resp: 65576

Ion Ratio Lower Upper

228 100

226 26.2 21.3 31.9

229 19.2 15.5 23.3



#83

Chrysene

Concen: 4.301 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

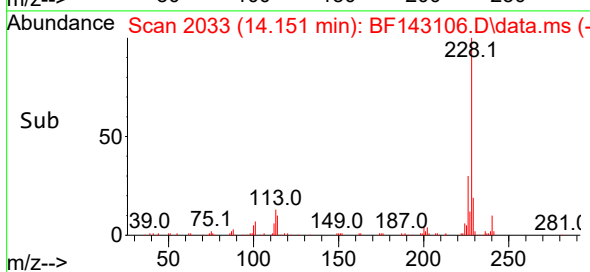
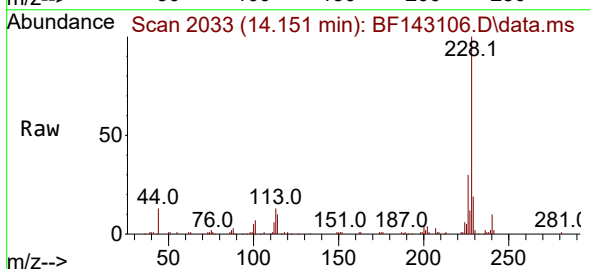
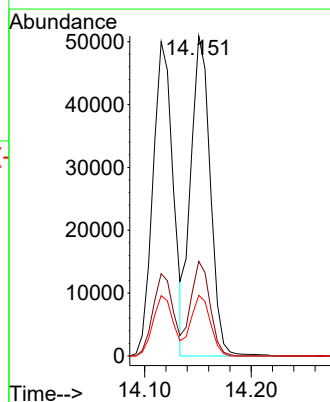
Tgt Ion:228 Resp: 64956

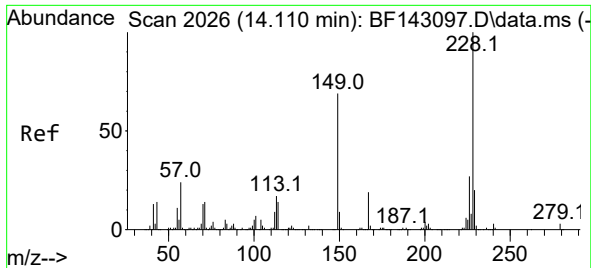
Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 18.9 15.3 22.9

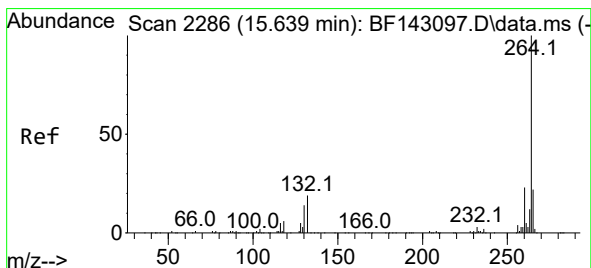
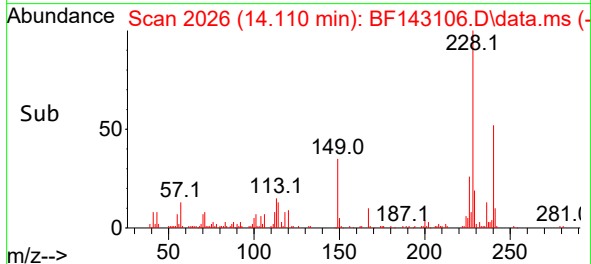
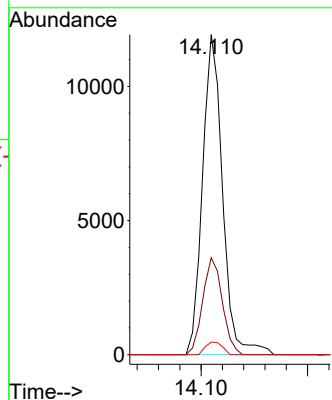
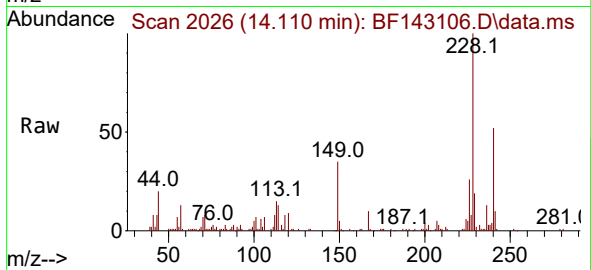




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.507 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

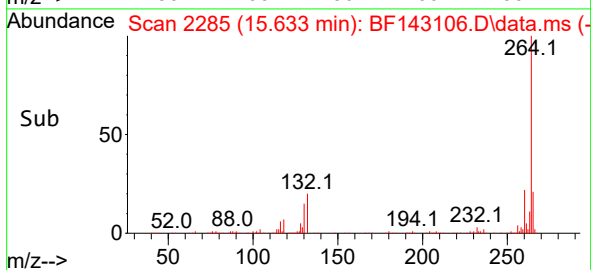
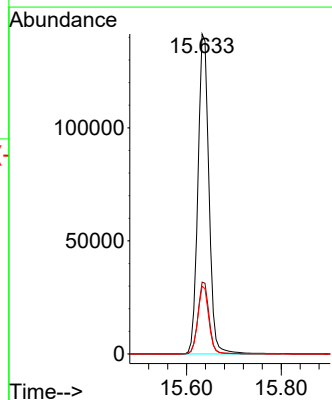
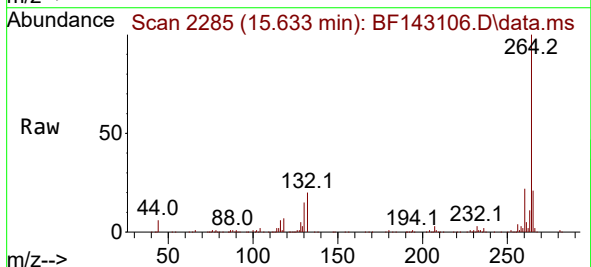
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

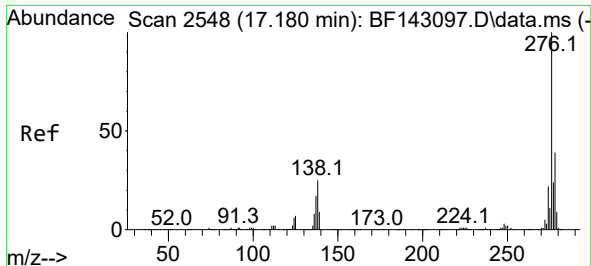
Tgt Ion:149 Resp: 15610
Ion Ratio Lower Upper
149 100
167 30.3 21.9 32.9
279 3.9 3.4 5.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143106.D
Acq: 16 Jul 2025 11:03

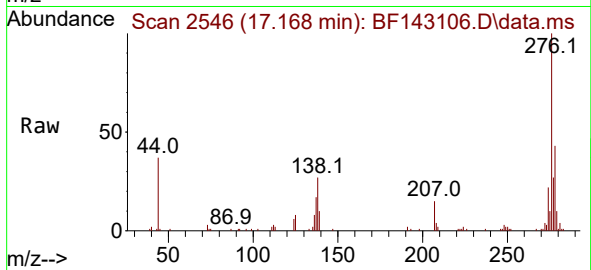
Tgt Ion:264 Resp: 228451
Ion Ratio Lower Upper
264 100
260 22.4 18.5 27.7
265 21.2 17.5 26.3



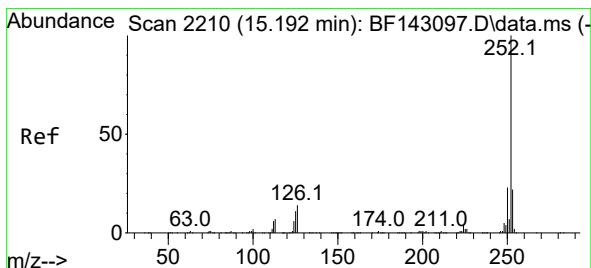
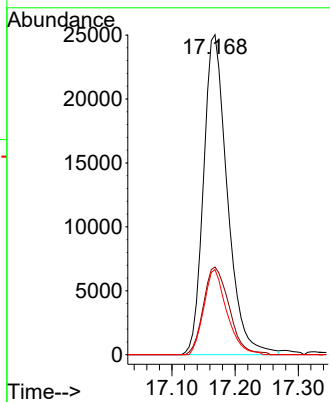
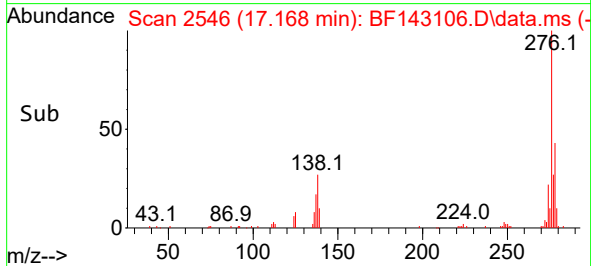


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.862 ng
 RT: 17.168 min Scan# 2109
 Delta R.T. -0.012 min
 Lab File: BF143106.D
 Acq: 16 Jul 2025 11:03

Instrument : BNA_F
 ClientSampleId : LOQ-SOIL-02-QT2-2025

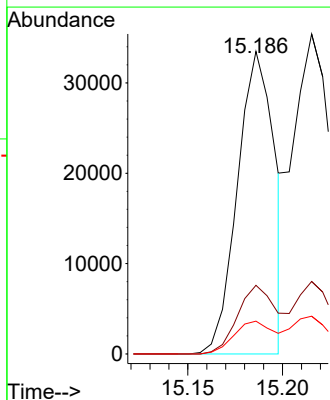
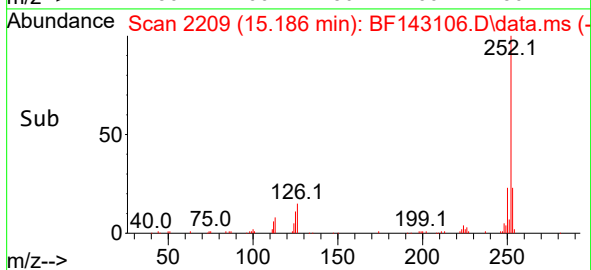
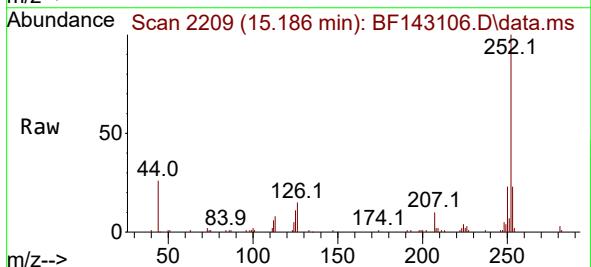


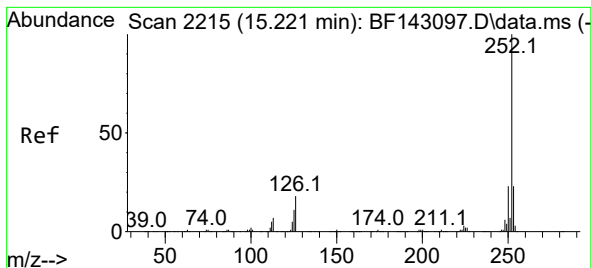
Tgt Ion:276 Resp: 65618
 Ion Ratio Lower Upper
 276 100
 138 29.6 22.6 34.0
 277 25.6 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 3.467 ng
 RT: 15.186 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: BF143106.D
 Acq: 16 Jul 2025 11:03

Tgt Ion:252 Resp: 45693
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.5 26.3
 125 10.8 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 4.299 ng

RT: 15.215 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

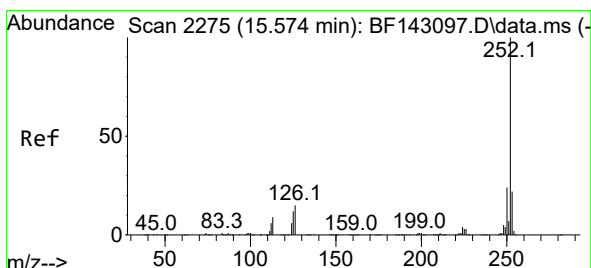
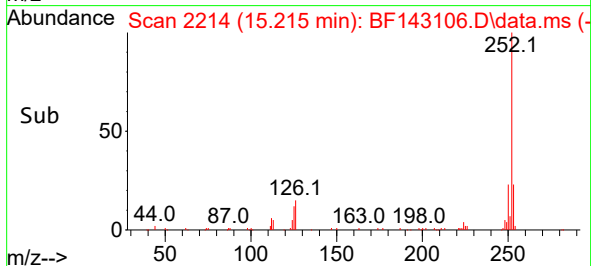
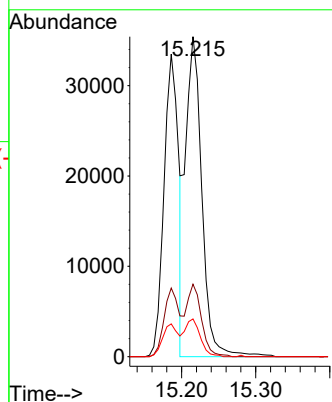
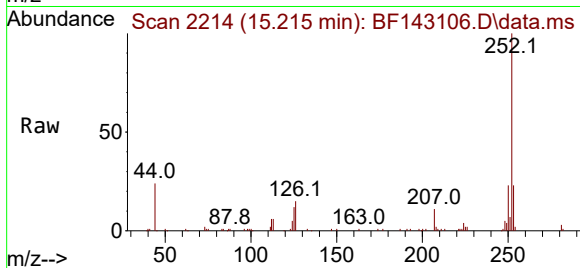
Tgt Ion:252 Resp: 54039

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 11.8 8.5 12.7



#90

Benzo(a)pyrene

Concen: 3.543 ng

RT: 15.568 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

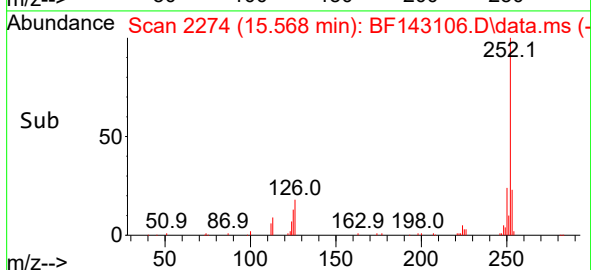
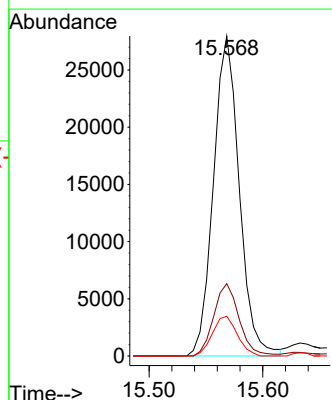
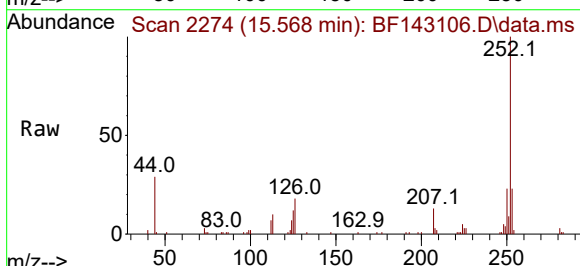
Tgt Ion:252 Resp: 44161

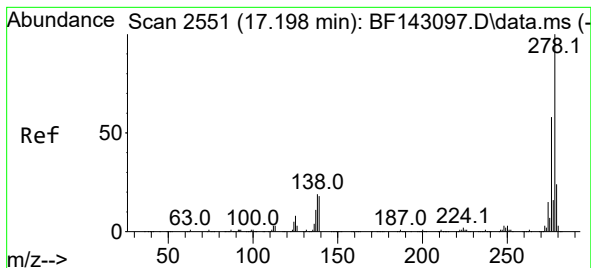
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 12.4 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 3.918 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2025

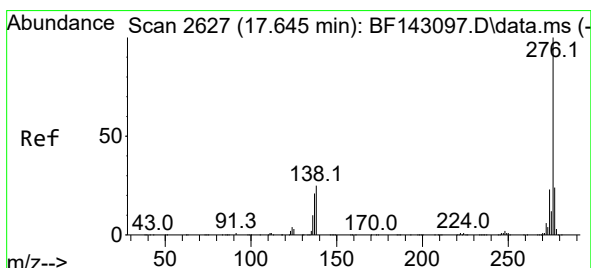
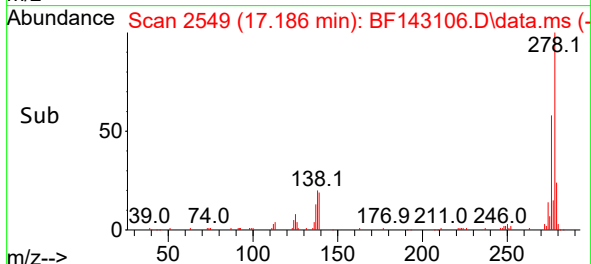
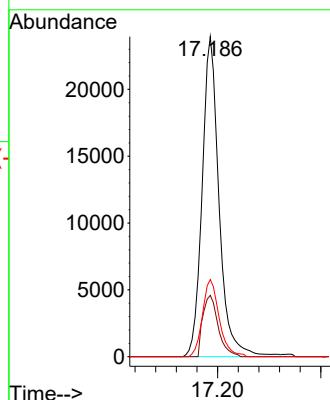
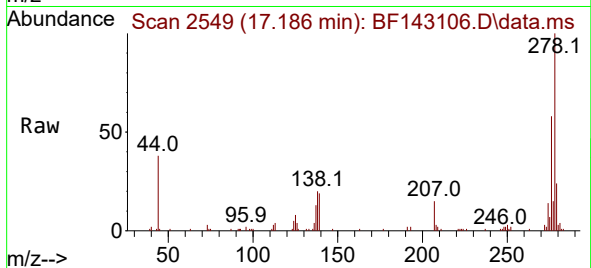
Tgt Ion:278 Resp: 54423

Ion Ratio Lower Upper

278 100

139 19.1 14.6 22.0

279 24.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 3.881 ng

RT: 17.627 min Scan# 2624

Delta R.T. -0.018 min

Lab File: BF143106.D

Acq: 16 Jul 2025 11:03

Tgt Ion:276 Resp: 54953

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 25.2 19.8 29.6

