

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144469.D
 Acq On : 15 Dec 2025 12:43
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-2.5NG
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Dec 15 13:03:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	273318	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1074301	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	573826	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	974327	20.000	ng	0.00
76) Chrysene-d12	13.939	240	780355	20.000	ng	0.00
86) Perylene-d12	15.374	264	594597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1969311	108.641	ng	0.00
7) Phenol-d6	6.416	99	2487567	110.021	ng	0.00
23) Nitrobenzene-d5	7.357	82	1416871	82.533	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	693384	133.653	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2494710	66.694	ng	0.00
79) Terphenyl-d14	12.898	244	2766408	55.969	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	17834	2.046	ng	96
4) n-Nitrosodimethylamine	3.158	42	21387	2.053	ng	# 99
6) Aniline	6.457	93	68465	2.171	ng	98
8) 2-Chlorophenol	6.575	128	45357	2.334	ng	87
9) Benzaldehyde	6.340	77	37243	2.104	ng	96
10) Phenol	6.428	94	59267	2.221	ng	# 1
11) bis(2-Chloroethyl)ether	6.528	93	43708	2.241	ng	97
12) 1,3-Dichlorobenzene	6.734	146	51038	2.431	ng	99
13) 1,4-Dichlorobenzene	6.810	146	51854	2.461	ng	99
14) 1,2-Dichlorobenzene	6.963	146	50124	2.505	ng	96
15) Benzyl Alcohol	6.928	79	36312	2.179	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	71118	2.161	ng	99
18) Hexachloroethane	7.304	117	16538	2.259	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	31459	2.203	ng	99
20) 3+4-Methylphenols	7.187	107	43659	2.169	ng	93
22) Acetophenone	7.198	105	67317	2.526	ng	94
24) Nitrobenzene	7.369	77	51579	2.770	ng	99
25) Isophorone	7.604	82	85325	2.202	ng	99
26) 2-Nitrophenol	7.687	139	13804	5.467	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	53539	2.243	ng	98
29) 2,4-Dichlorophenol	7.922	162	34340	2.236	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	41936	2.517	ng	98
31) Naphthalene	8.092	128	142884	2.471	ng	98
32) Benzoic acid	7.751	122	10711	7.345	ng	95
33) 4-Chloroaniline	8.140	127	51909	2.234	ng	99
34) Hexachlorobutadiene	8.216	225	23908	2.321	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	34196	2.051	ng	99
37) 2-Methylnaphthalene	8.787	142	82437	2.167	ng	100
38) 1-Methylnaphthalene	8.887	142	87138	2.352	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	41129	2.518	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	22392	2.159	ng	98
44) 2,4,5-Trichlorophenol	9.092	196	23508	2.160	ng	97
46) 1,1'-Biphenyl	9.251	154	116193	2.591	ng	97
47) 2-Chloronaphthalene	9.275	162	84925	2.481	ng	96
48) 2-Nitroaniline	9.363	65	16924	5.226	ng	94
49) Acenaphthylene	9.687	152	128824	2.375	ng	99

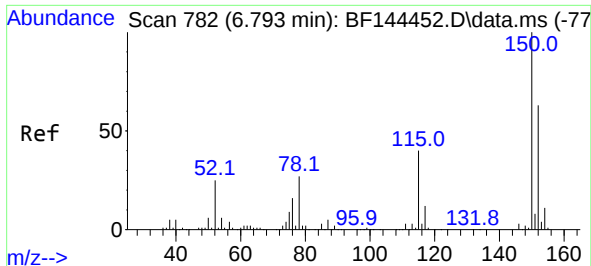
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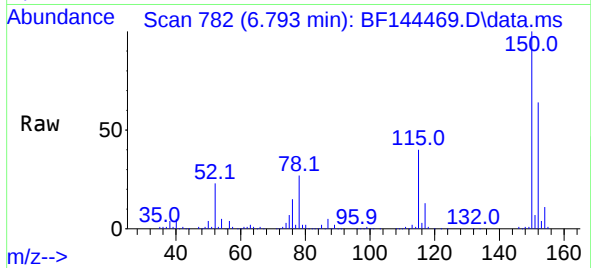
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Dimethylphthalate	9.545	163	90942	2.346	ng	99
51) 2,6-Dinitrotoluene	9.604	165	14363	5.766	ng	98
52) Acenaphthene	9.857	154	83384	2.466	ng	99
53) 3-Nitroaniline	9.769	138	17000	4.840	ng #	98
54) 2,4-Dinitrophenol	9.869	184	2650	7.656	ng #	1
55) Dibenzofuran	10.028	168	118893	2.471	ng	97
57) 2,4-Dinitrotoluene	10.004	165	15575	5.363	ng	97
58) Fluorene	10.369	166	94482	2.593	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.139	232	19199	2.324	ng	97
60) Diethylphthalate	10.245	149	83614	2.276	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	44074	2.465	ng	99
62) 4-Nitroaniline	10.375	138	15916	4.274	ng	98
63) Azobenzene	10.528	77	85416	2.200	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	4751	7.794	ng	90
66) n-Nitrosodiphenylamine	10.481	169	76100	2.279	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	25919	2.279	ng	98
68) Hexachlorobenzene	10.916	284	29508	2.350	ng	98
69) Atrazine	11.004	200	22543	2.155	ng	99
71) Phenanthrene	11.328	178	140896	2.508	ng	99
72) Anthracene	11.381	178	132809	2.336	ng	98
73) Carbazole	11.533	167	119814	2.428	ng	97
74) Di-n-butylphthalate	11.875	149	108222	2.051	ng	99
75) Fluoranthene	12.516	202	133796	2.412	ng	98
80) Butylbenzylphthalate	13.369	149	31425	4.496	ng	99
81) Benzo(a)anthracene	13.927	228	116722	2.124	ng	98
83) Chrysene	13.963	228	118617	2.359	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	38571	4.222	ng	96
85) Di-n-octyl phthalate	14.545	149	39248	7.303	ng #	94
88) Benzo(b)fluoranthene	14.957	252	82153	2.105	ng	100
89) Benzo(k)fluoranthene	14.986	252	92010	2.493	ng	98
90) Benzo(a)pyrene	15.310	252	72097	2.113	ng	99

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

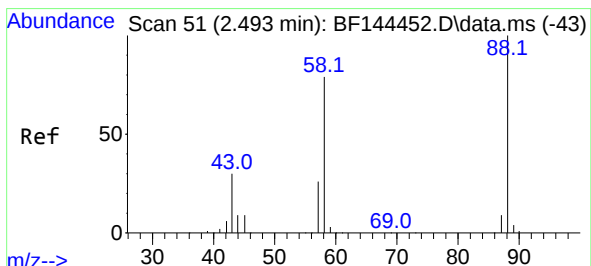
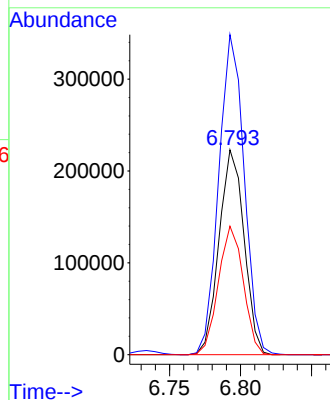
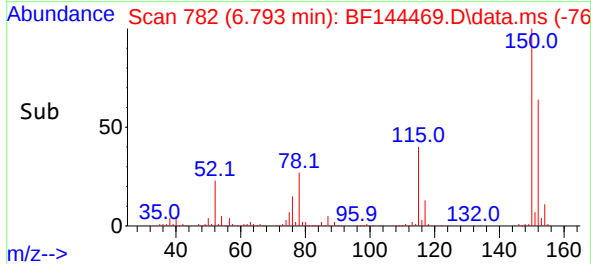


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

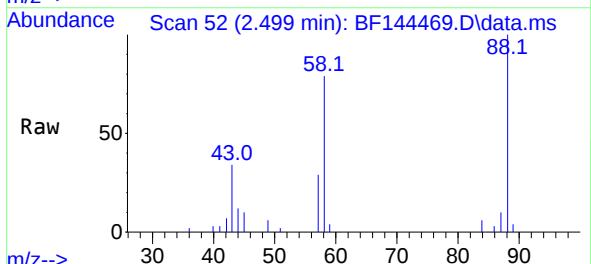
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



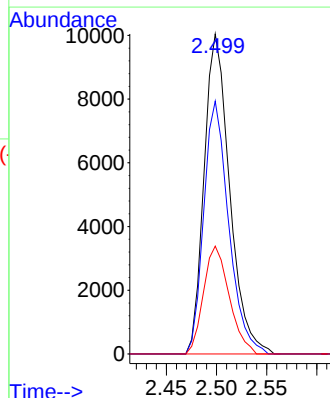
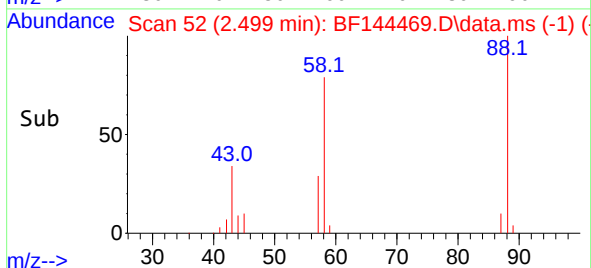
Tgt Ion:152 Resp: 273318
Ion Ratio Lower Upper
152 100
150 156.3 127.4 191.2
115 62.8 51.4 77.0

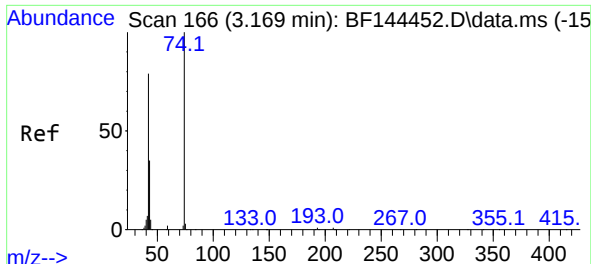


#2
1,4-Dioxane
Concen: 2.046 ng
RT: 2.499 min Scan# 52
Delta R.T. 0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43



Tgt Ion: 88 Resp: 17834
Ion Ratio Lower Upper
88 100
58 77.1 63.9 95.9
43 34.0 24.2 36.4

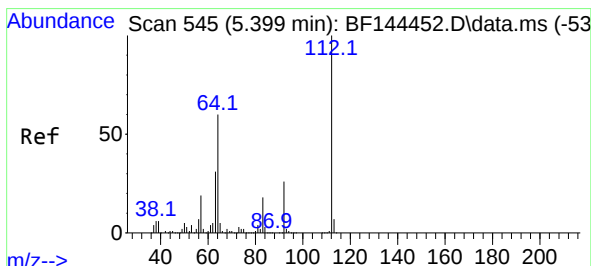
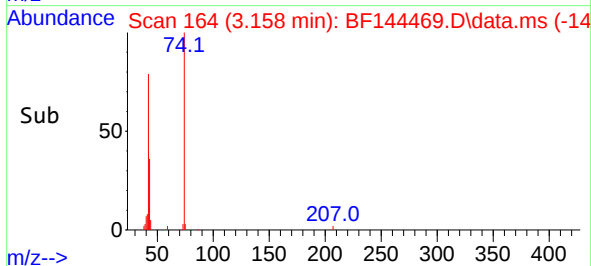
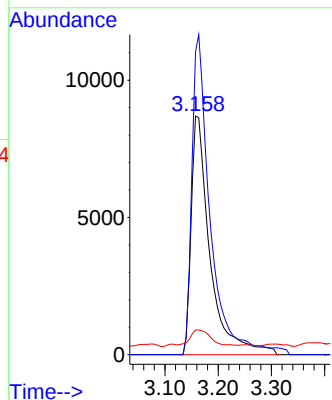
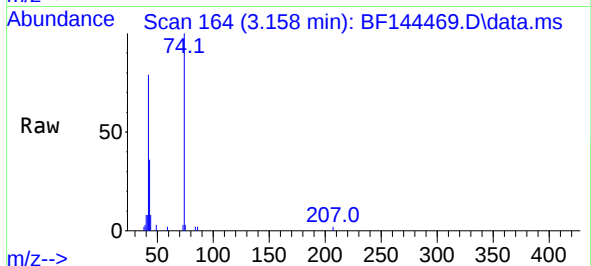




#4
n-Nitrosodimethylamine
Concen: 2.053 ng
RT: 3.158 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

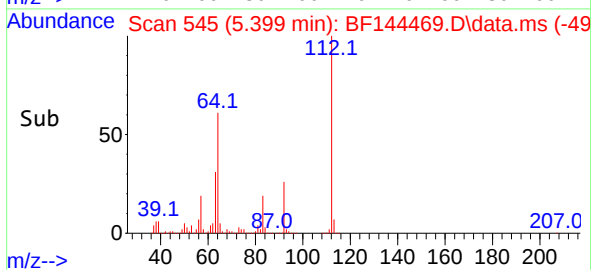
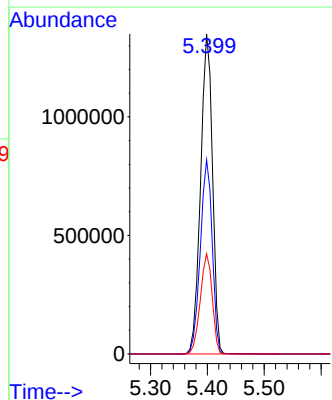
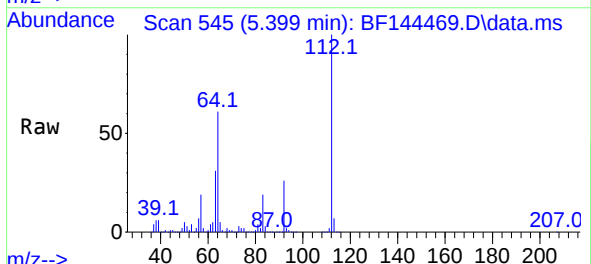
Instrument :
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LOD-MDL-SOIL-01-QT4-2025

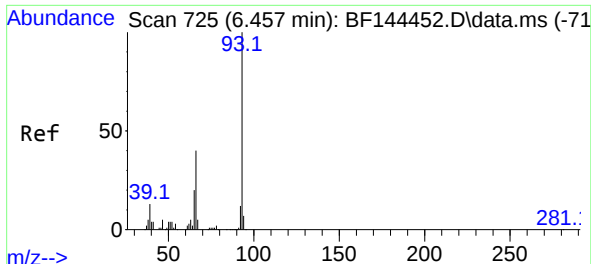
Tgt Ion: 42 Resp: 21387
Ion Ratio Lower Upper
42 100
74 127.0 101.8 152.8
44 10.4 5.7 8.5#



#5
2-Fluorophenol
Concen: 108.641 ng
RT: 5.399 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:112 Resp: 1969311
Ion Ratio Lower Upper
112 100
64 60.7 47.8 71.6
63 31.3 24.6 37.0

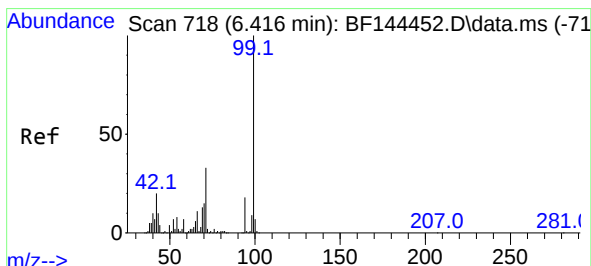
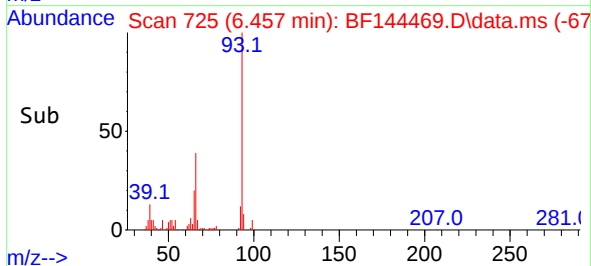
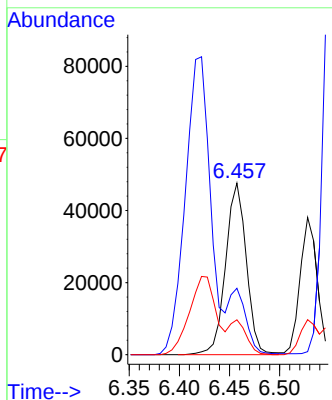
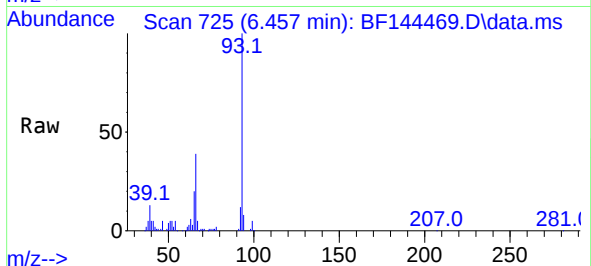




#6
Aniline
Concen: 2.171 ng
RT: 6.457 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

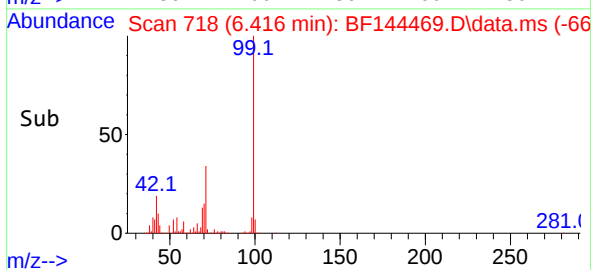
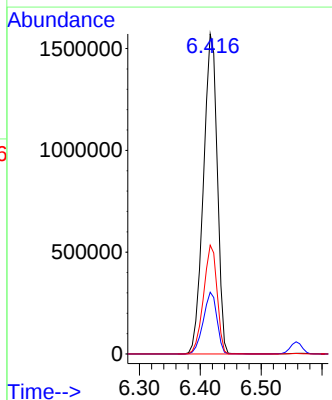
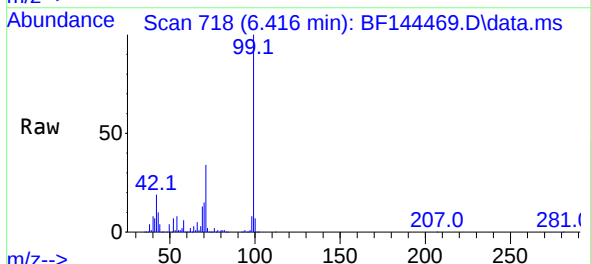
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

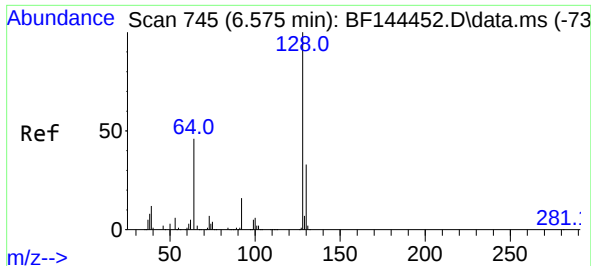
Tgt Ion: 93 Resp: 68465
Ion Ratio Lower Upper
93 100
66 38.7 32.4 48.6
65 20.3 16.1 24.1



#7
Phenol-d6
Concen: 110.021 ng
RT: 6.416 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 99 Resp: 2487567
Ion Ratio Lower Upper
99 100
42 19.3 15.7 23.5
71 34.0 26.4 39.6

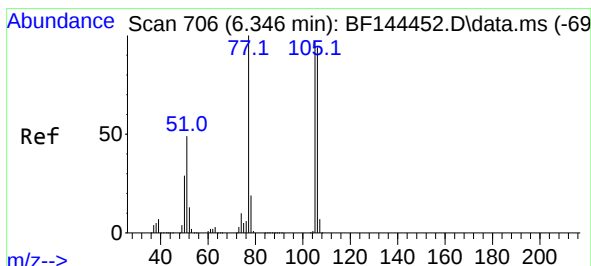
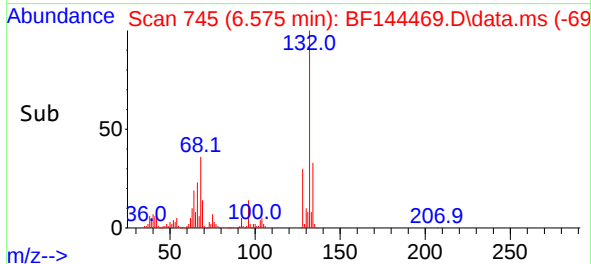
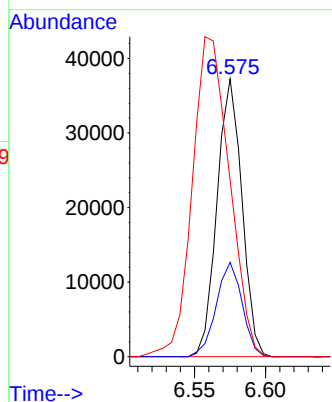
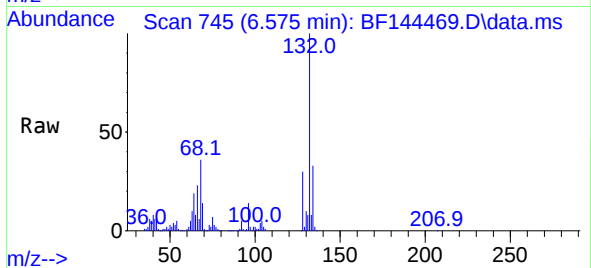




#8
2-Chlorophenol
Concen: 2.334 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

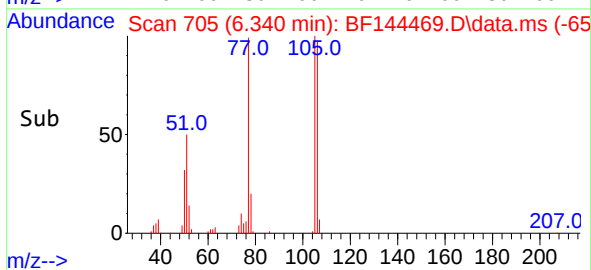
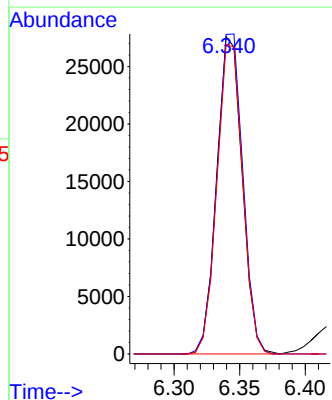
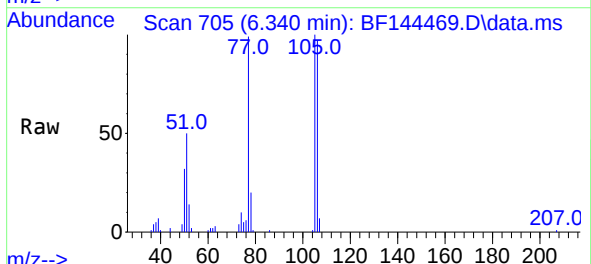
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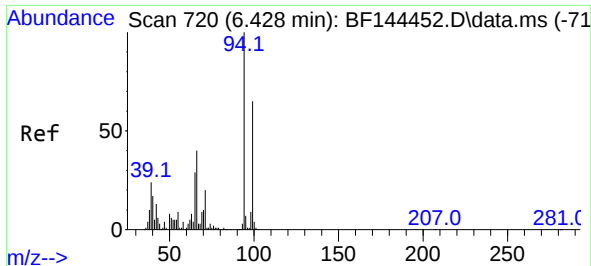
Tgt Ion:	128	Resp:	45357
Ion Ratio	Lower	Upper	
128	100		
130	33.9	13.0	53.0
64	63.5	28.9	68.9



#9
Benzaldehyde
Concen: 2.104 ng
RT: 6.340 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:	77	Resp:	37243
Ion Ratio	Lower	Upper	
77	100		
105	100.7	77.0	117.0
106	97.6	74.1	114.1

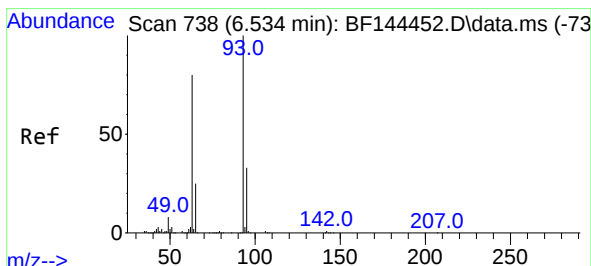
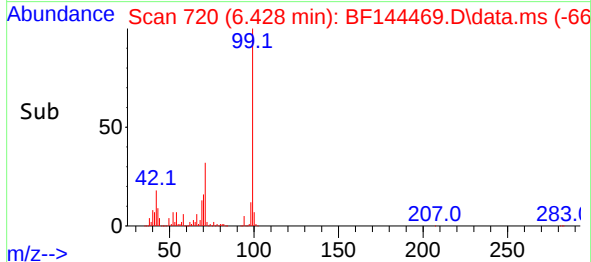
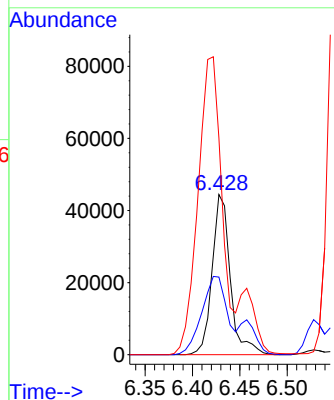
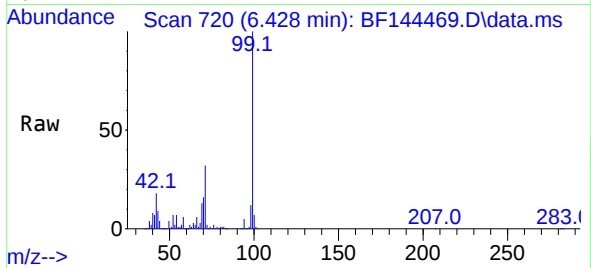




#10
Phenol
Concen: 2.221 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

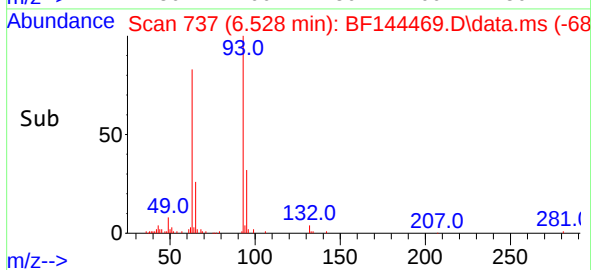
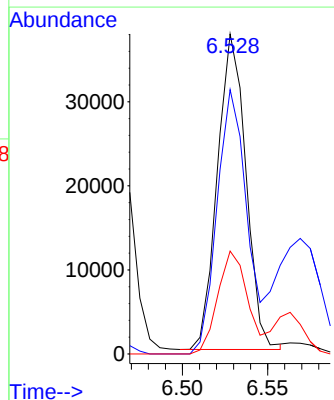
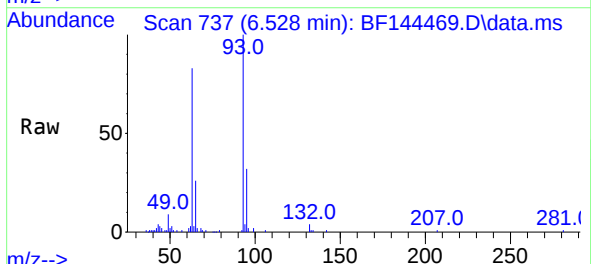
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

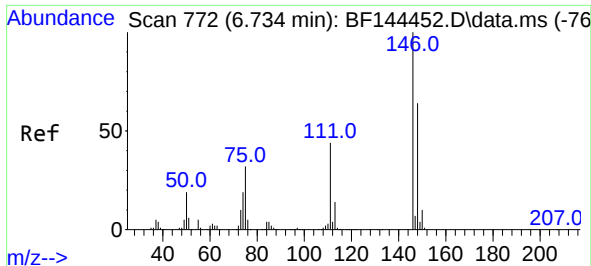
Tgt Ion: 94 Resp: 59267
Ion Ratio Lower Upper
94 100
65 48.4 9.1 49.1
66 135.1 20.3 60.3#



#11
bis(2-Chloroethyl)ether
Concen: 2.241 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 93 Resp: 43708
Ion Ratio Lower Upper
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63 82.6 59.8 99.8
95 32.2 13.0 53.0

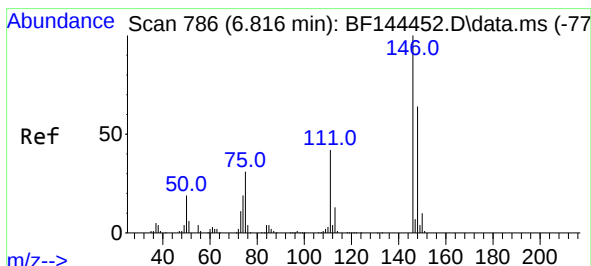
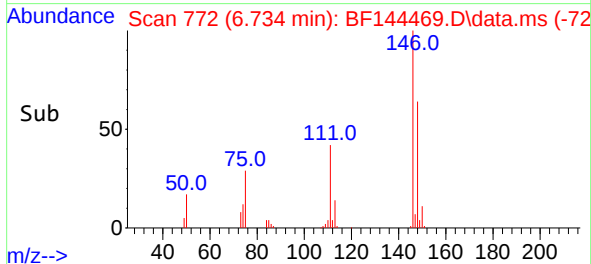
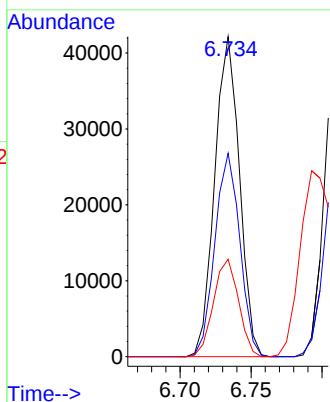
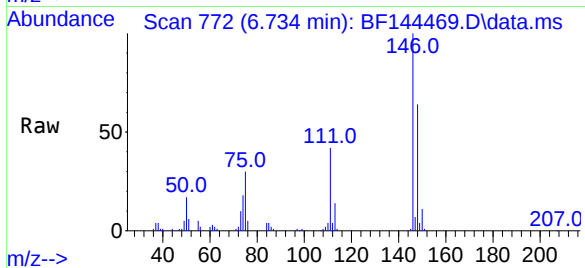




#12
1,3-Dichlorobenzene
Concen: 2.431 ng
RT: 6.734 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

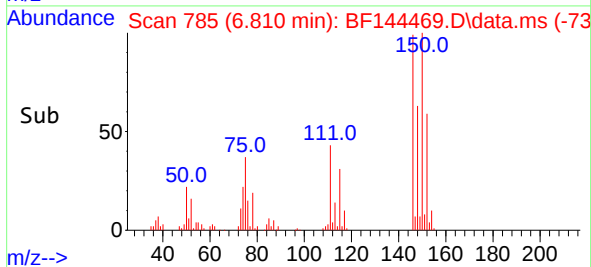
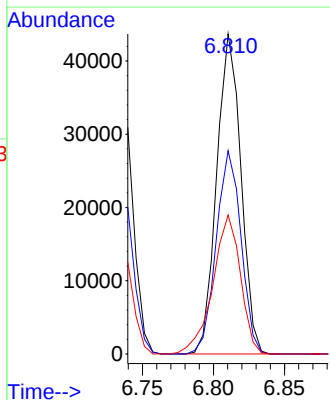
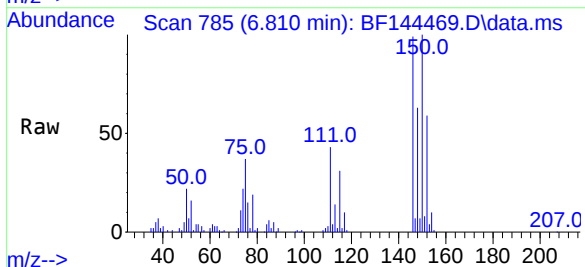
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

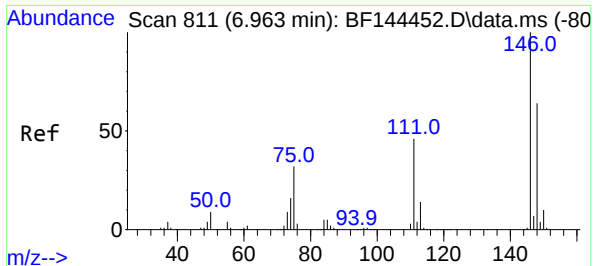
Tgt Ion:146 Resp: 51038
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
75 30.5 25.8 38.8



#13
1,4-Dichlorobenzene
Concen: 2.461 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:146 Resp: 51854
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 43.4 33.8 50.8

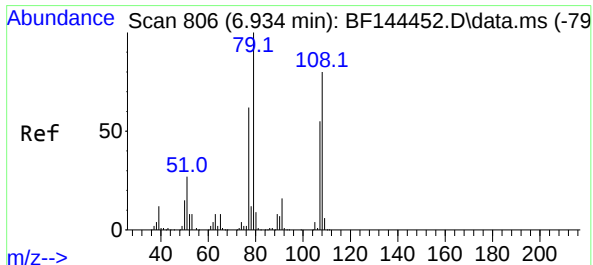
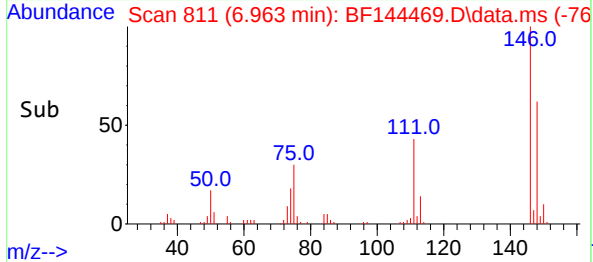
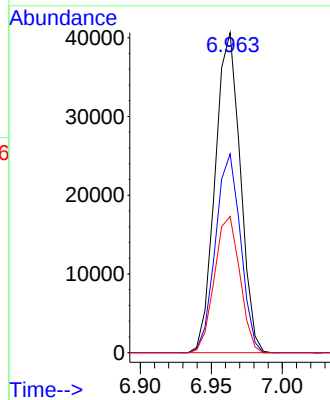
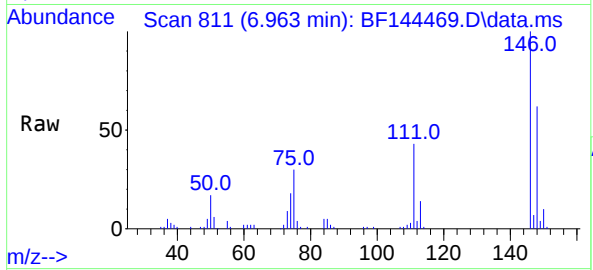




#14
1,2-Dichlorobenzene
Concen: 2.505 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

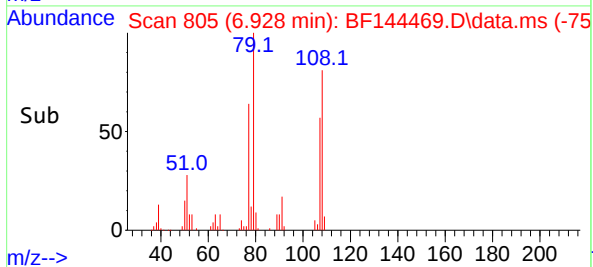
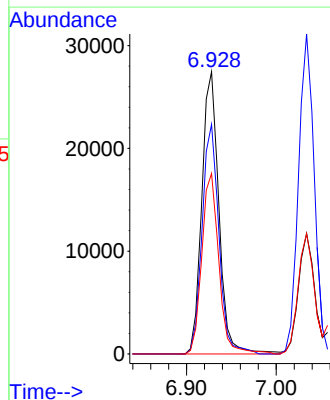
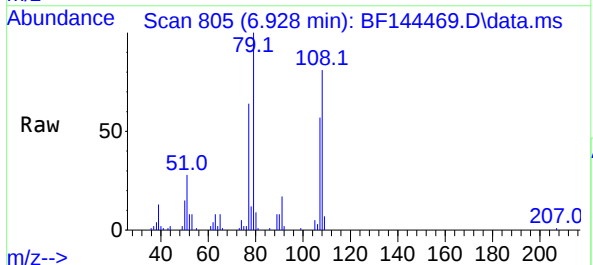
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

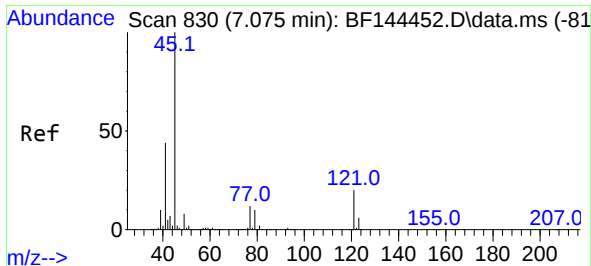
Tgt Ion:146 Resp: 50124
Ion Ratio Lower Upper
146 100
148 62.1 51.4 77.2
111 42.6 36.5 54.7



#15
Benzyl Alcohol
Concen: 2.179 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 79 Resp: 36312
Ion Ratio Lower Upper
79 100
108 81.3 63.7 95.5
77 63.9 49.3 73.9

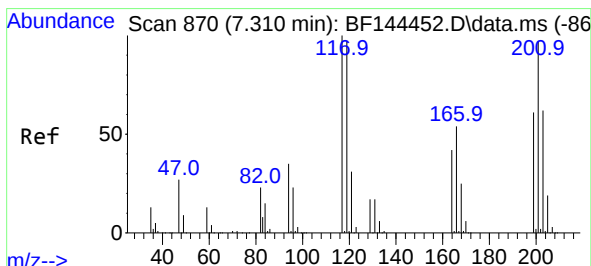
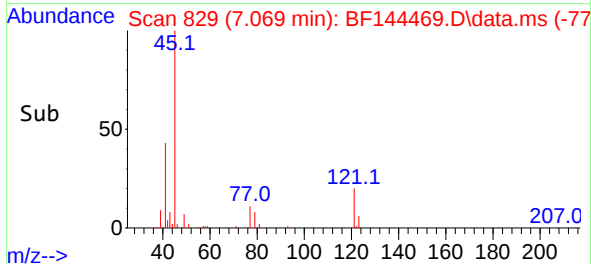
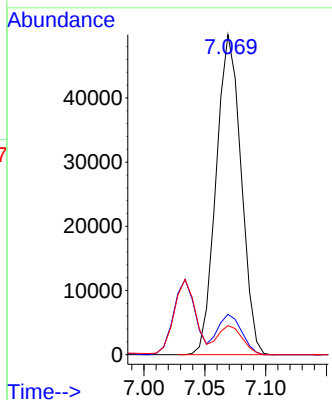
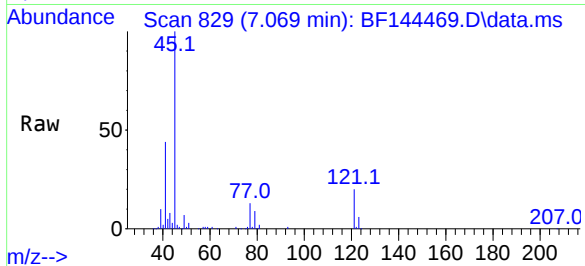




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.161 ng
RT: 7.069 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

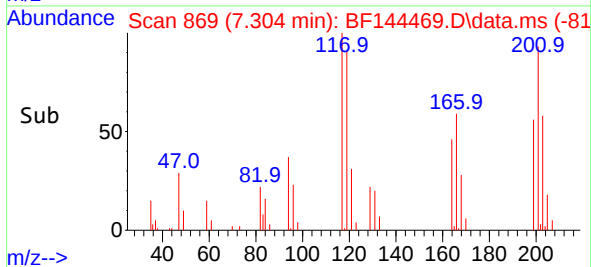
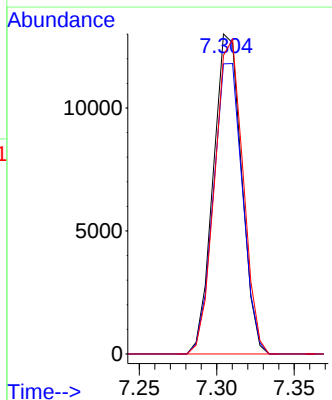
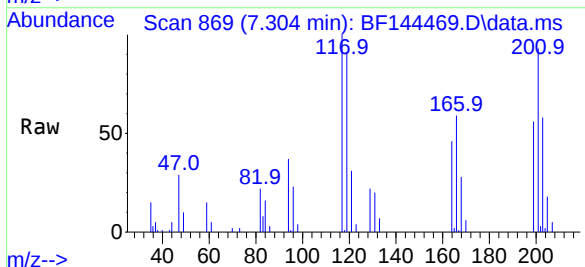
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

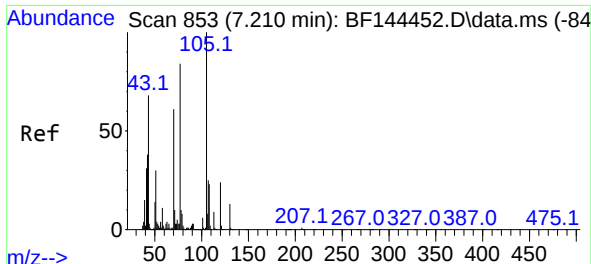
Tgt Ion: 45 Resp: 71118
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.6
79 9.1 0.0 29.9



#18
Hexachloroethane
Concen: 2.259 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 117 Resp: 16538
Ion Ratio Lower Upper
117 100
119 90.6 77.5 116.3
201 93.3 77.3 115.9



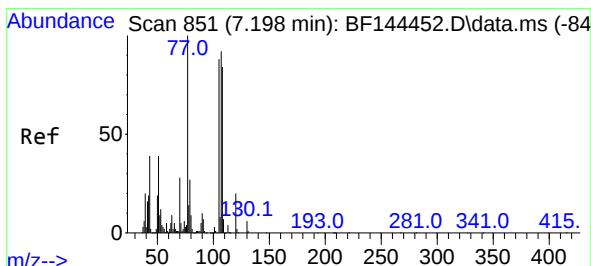
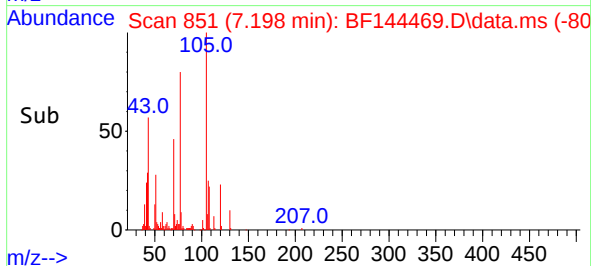
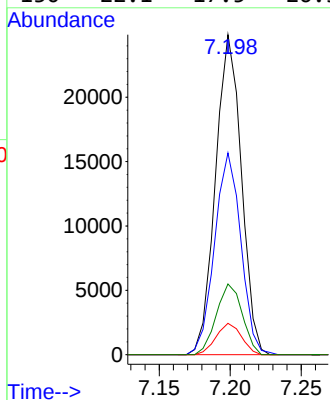
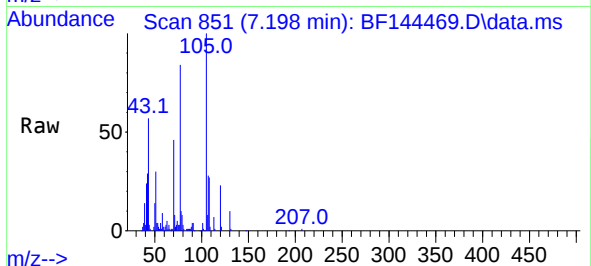


#19
n-Nitroso-di-n-propylamine
Concen: 2.203 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 70 Resp: 31459

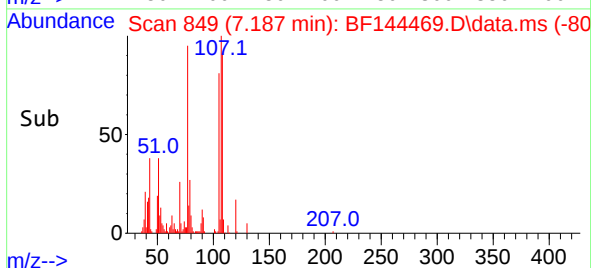
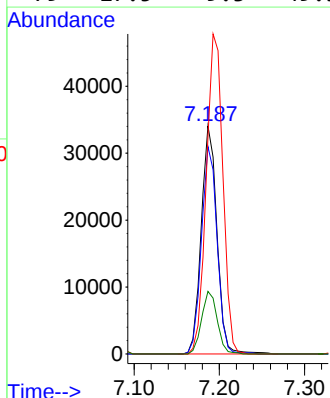
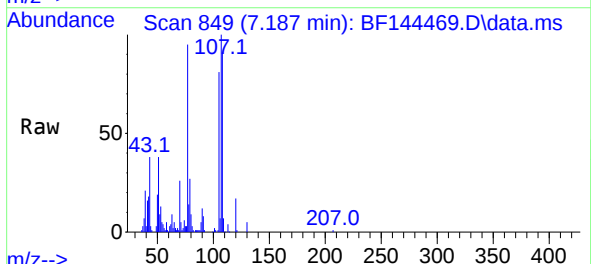
Ion	Ratio	Lower	Upper
70	100		
42	63.0	49.4	74.0
101	9.8	7.8	11.6
130	22.1	17.5	26.3

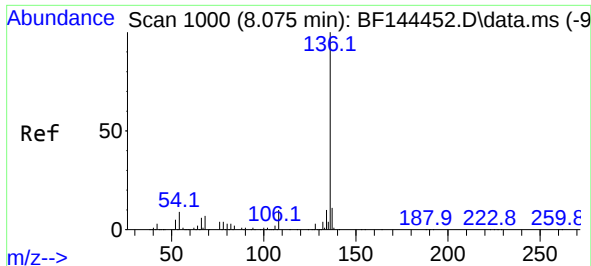


#20
3+4-Methylphenols
Concen: 2.169 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 107 Resp: 43659

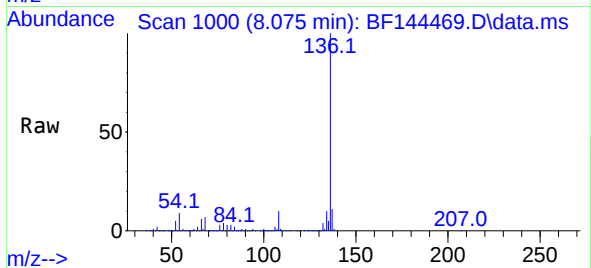
Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.5	111.5
77	95.2	88.5	128.5
79	27.5	9.3	49.3



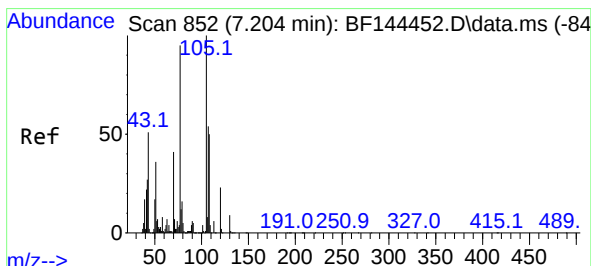
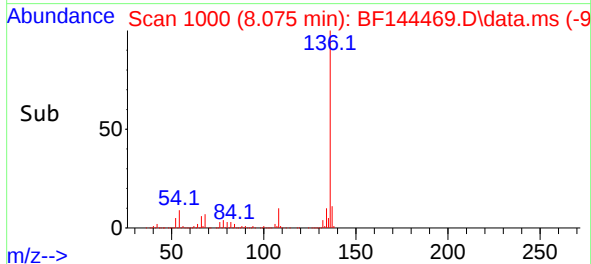
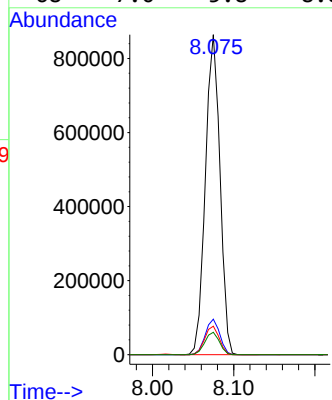


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

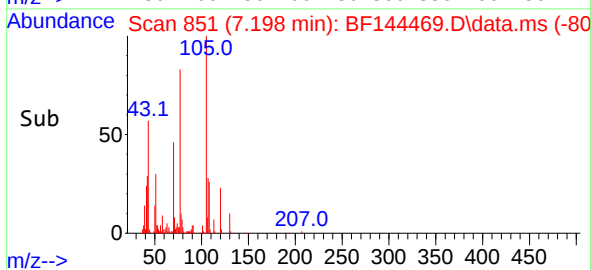
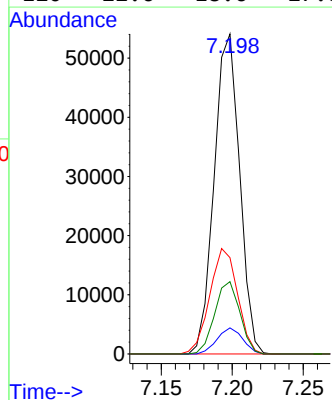
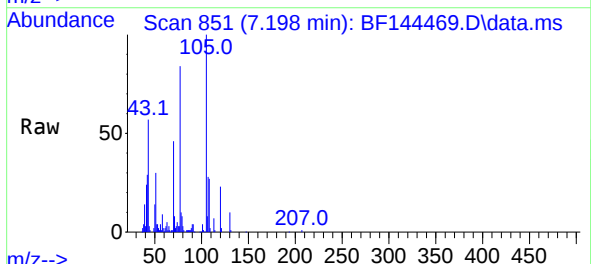


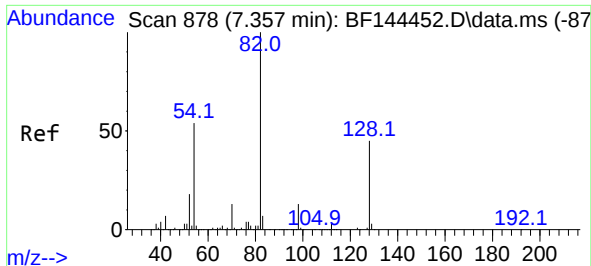
Tgt Ion:136 Resp: 1074301
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.9 7.5 11.3
68 7.0 5.8 8.8



#22
Acetophenone
Concen: 2.526 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:105 Resp: 67317
Ion Ratio Lower Upper
105 100
71 8.2 5.6 8.4
51 30.1 28.6 42.8
120 22.6 18.6 27.8

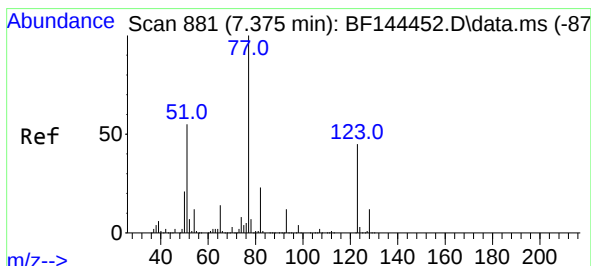
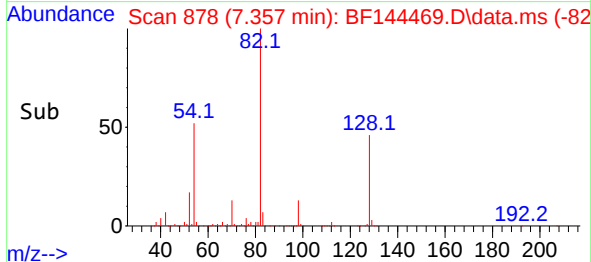
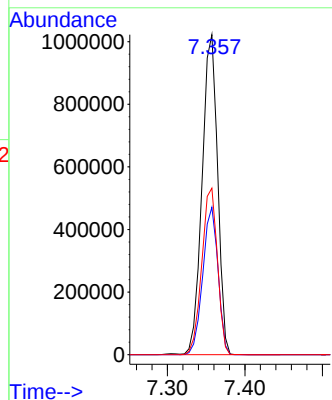
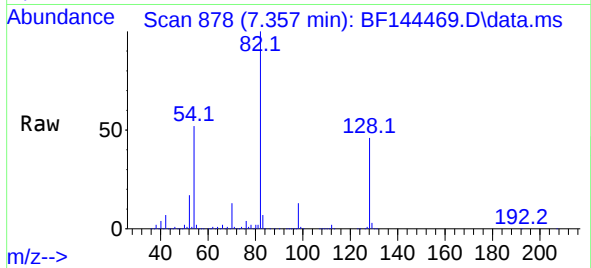




#23
Nitrobenzene-d5
Concen: 82.533 ng
RT: 7.357 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

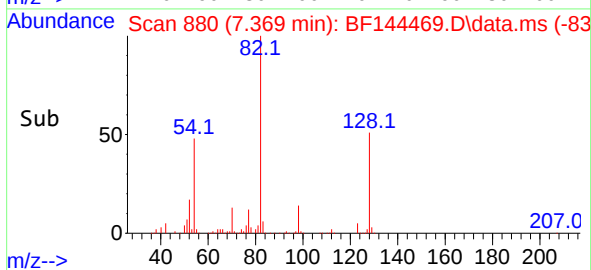
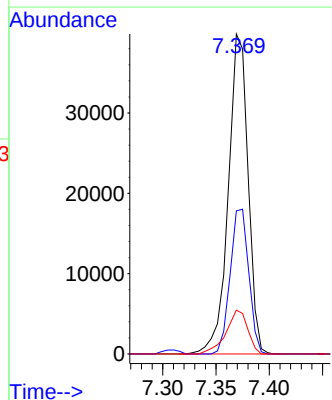
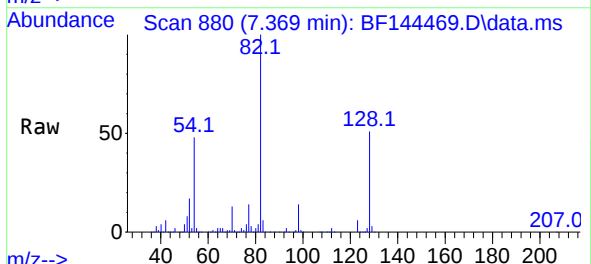
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

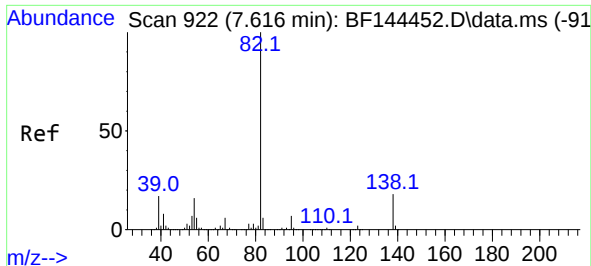
Tgt Ion: 82 Resp: 1416871
Ion Ratio Lower Upper
82 100
128 46.0 35.5 53.3
54 52.1 43.3 64.9



#24
Nitrobenzene
Concen: 2.770 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 77 Resp: 51579
Ion Ratio Lower Upper
77 100
123 44.7 36.2 54.2
65 13.7 11.0 16.6

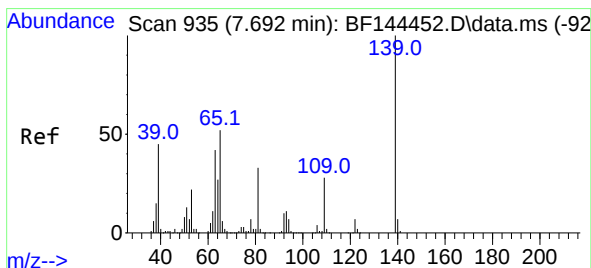
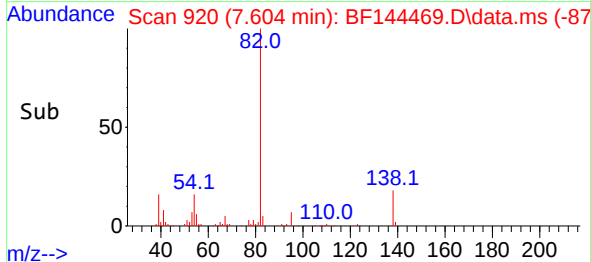
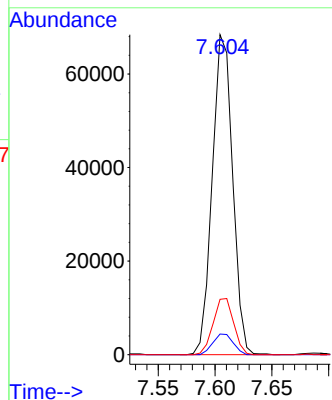
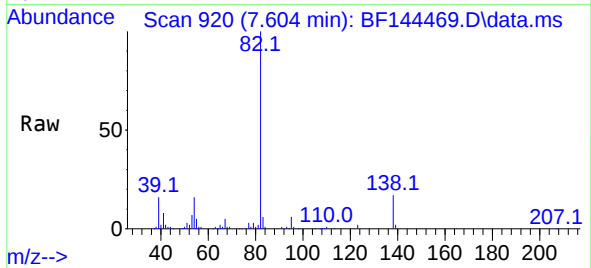




#25
Isophorone
Concen: 2.202 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

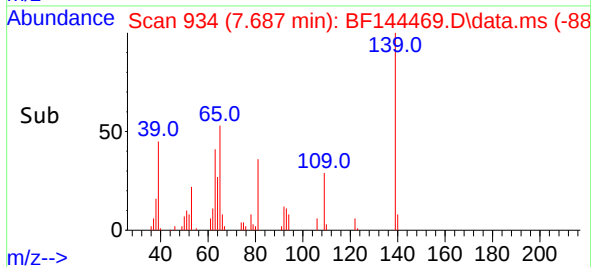
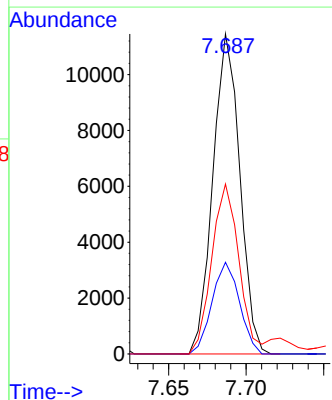
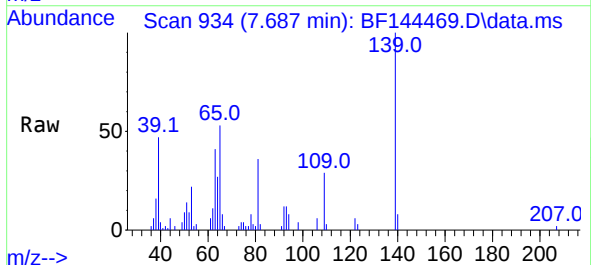
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

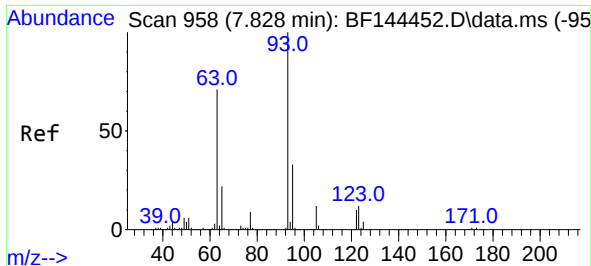
Tgt Ion: 82 Resp: 85325
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 17.3 14.4 21.6



#26
2-Nitrophenol
Concen: 5.467 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.005 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 139 Resp: 13804
Ion Ratio Lower Upper
139 100
109 28.7 22.1 33.1
65 53.1 41.5 62.3

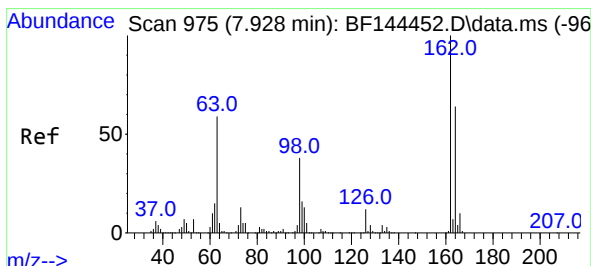
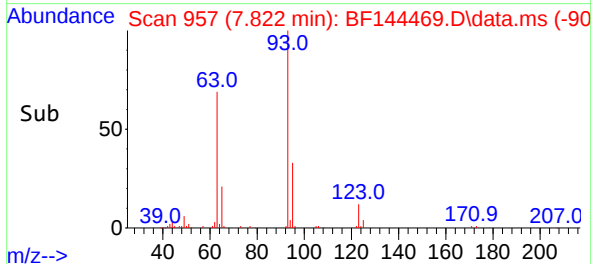
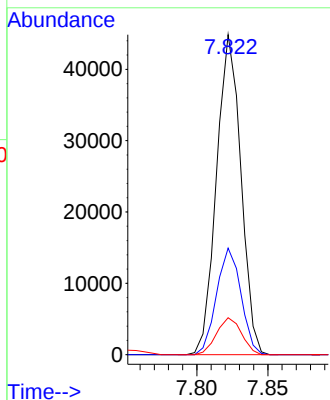
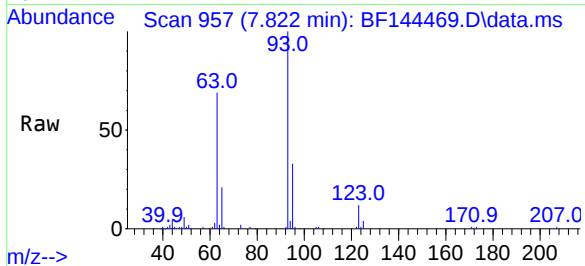




#28
bis(2-Chloroethoxy)methane
Concen: 2.243 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

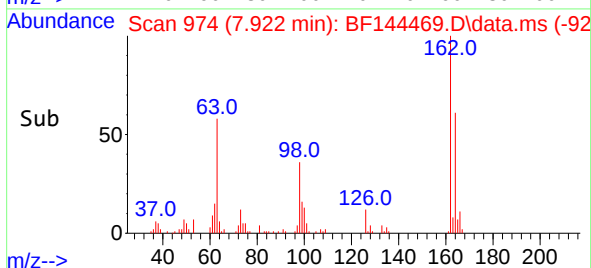
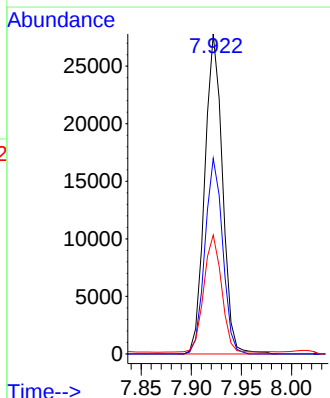
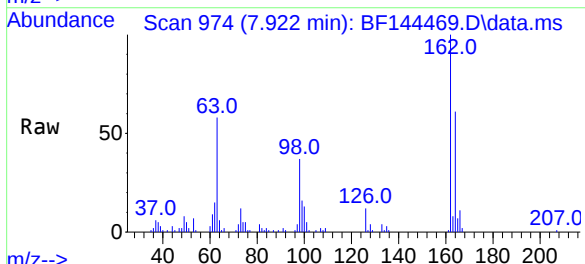
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

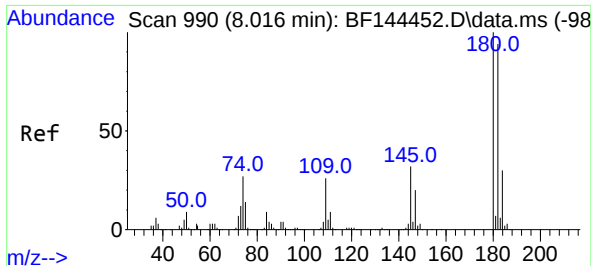
Tgt Ion:	93	Resp:	53539
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.2
123	11.6	10.2	15.4



#29
2,4-Dichlorophenol
Concen: 2.236 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:	162	Resp:	34340
Ion	Ratio	Lower	Upper
162	100		
164	61.1	44.2	84.2
98	37.2	17.8	57.8

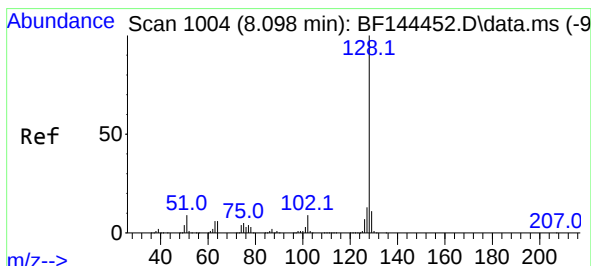
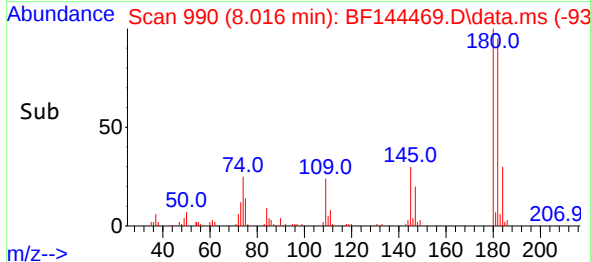
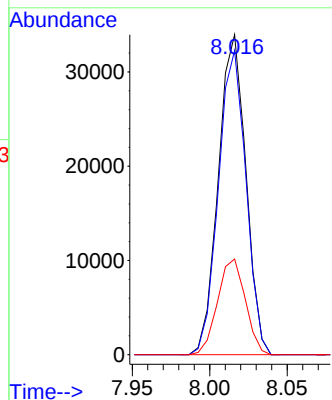
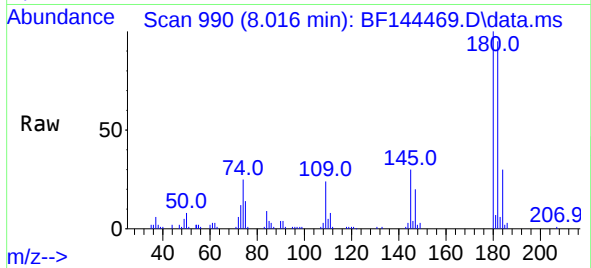




#30
1,2,4-Trichlorobenzene
Concen: 2.517 ng
RT: 8.016 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

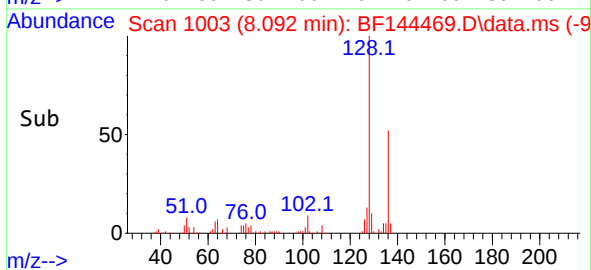
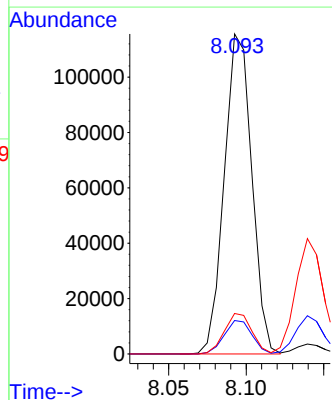
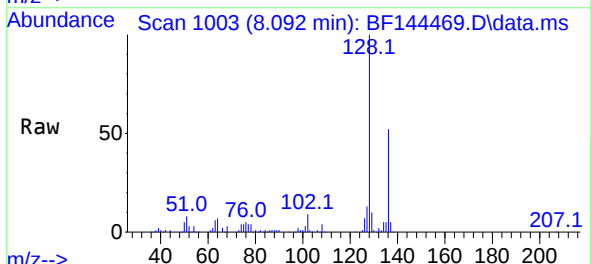
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

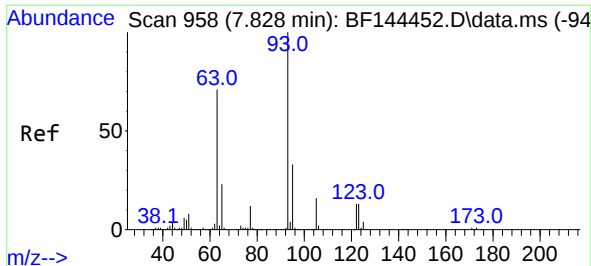
Tgt Ion:180 Resp: 41936
Ion Ratio Lower Upper
180 100
182 95.0 75.2 112.8
145 29.9 25.3 37.9



#31
Naphthalene
Concen: 2.471 ng
RT: 8.092 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:128 Resp: 142884
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 12.7 10.6 16.0

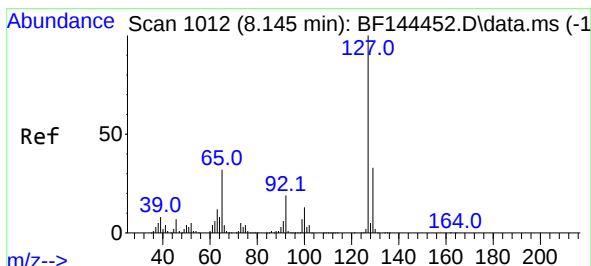
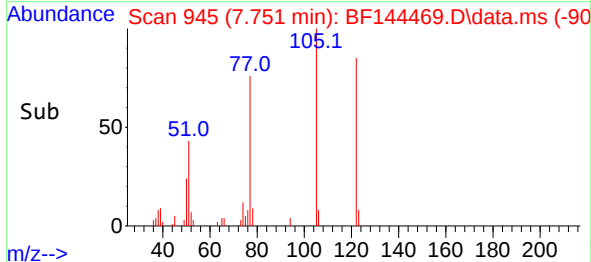
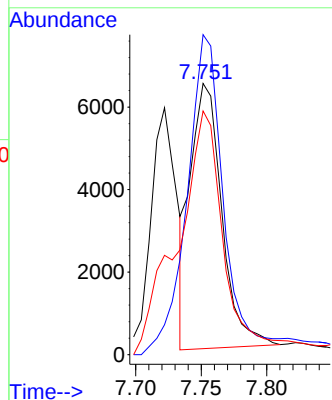
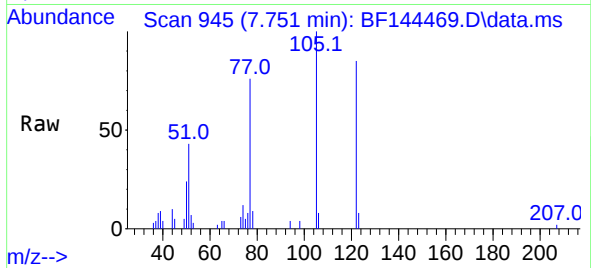




#32
Benzoic acid
Concen: 7.345 ng
RT: 7.751 min Scan# 94
Delta R.T. -0.077 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

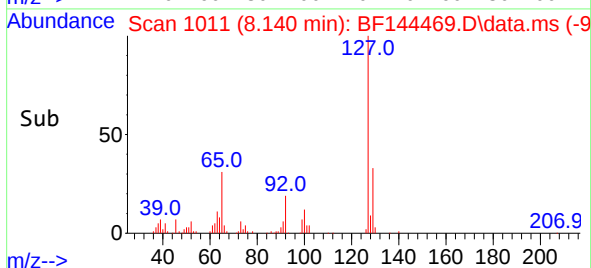
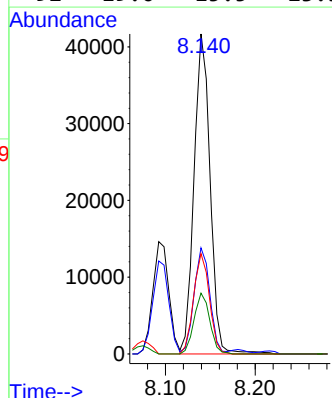
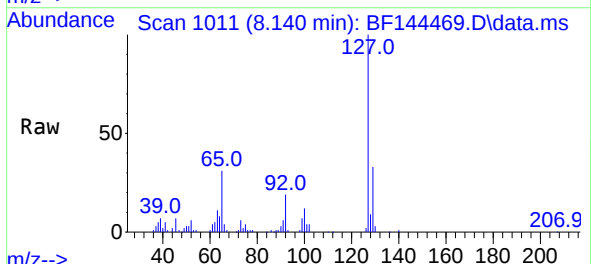
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

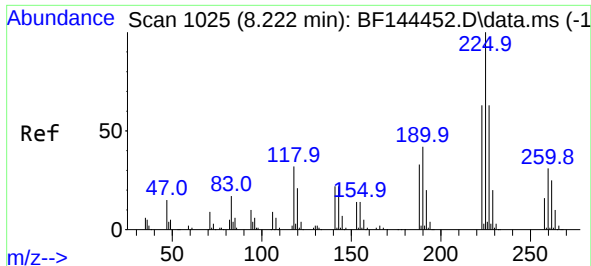
Tgt Ion:122 Resp: 10711
Ion Ratio Lower Upper
122 100
105 118.0 103.2 143.2
77 89.9 75.1 115.1



#33
4-Chloroaniline
Concen: 2.234 ng
RT: 8.140 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:127 Resp: 51909
Ion Ratio Lower Upper
127 100
129 33.1 26.2 39.4
65 31.3 25.8 38.8
92 19.0 15.5 23.3

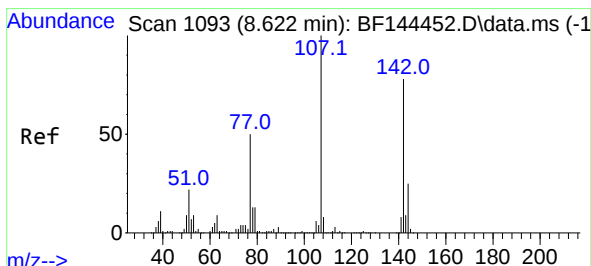
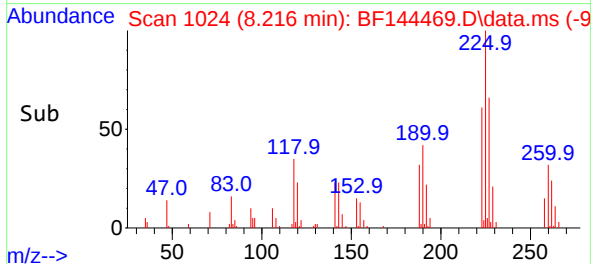
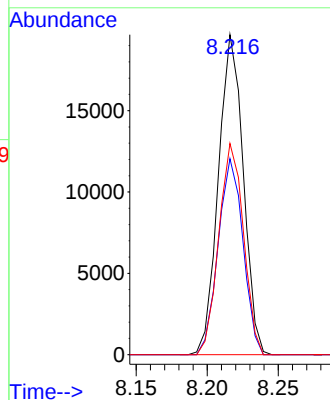
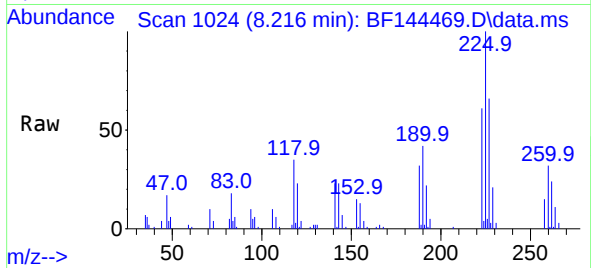




#34
Hexachlorobutadiene
Concen: 2.321 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

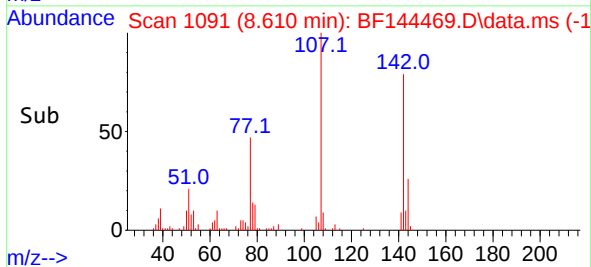
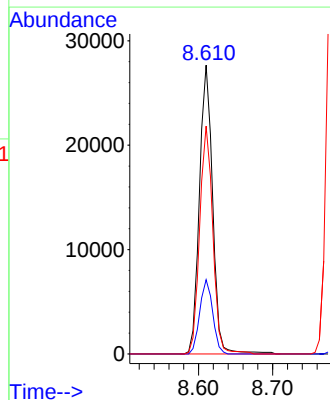
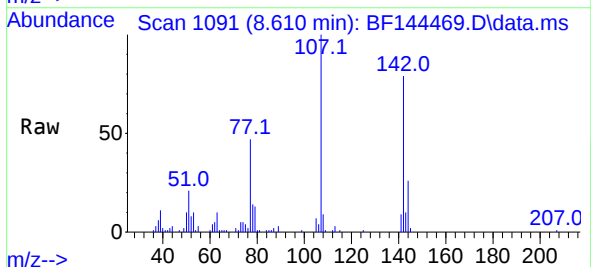
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

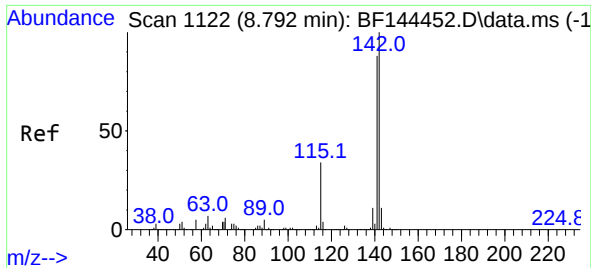
Tgt Ion:225 Resp: 23908
Ion Ratio Lower Upper
225 100
223 61.3 50.1 75.1
227 66.0 50.3 75.5



#36
4-Chloro-3-methylphenol
Concen: 2.051 ng
RT: 8.610 min Scan# 1091
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:107 Resp: 34196
Ion Ratio Lower Upper
107 100
144 25.7 20.4 30.6
142 78.9 62.4 93.6

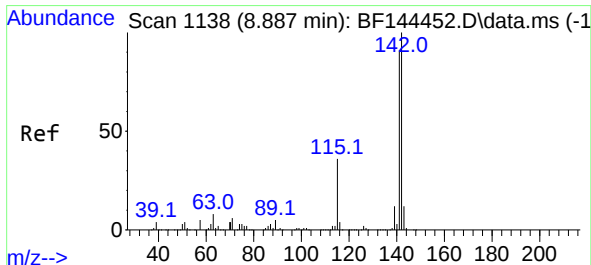
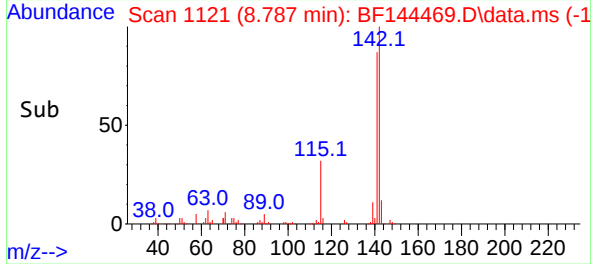
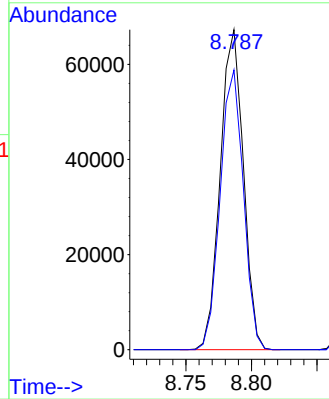
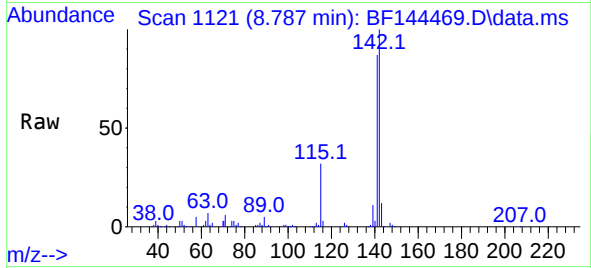




#37
2-Methylnaphthalene
Concen: 2.167 ng
RT: 8.787 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

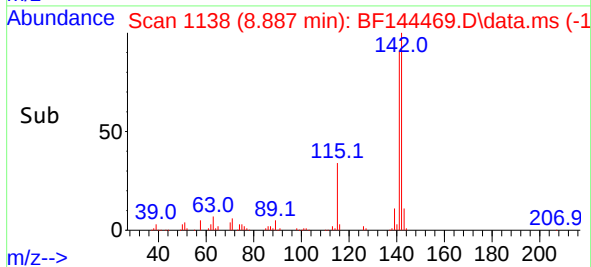
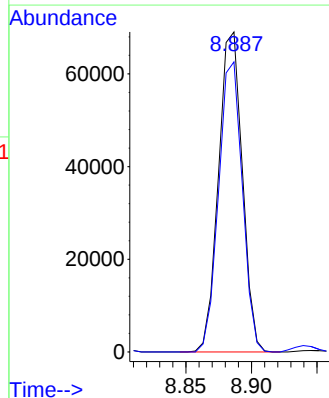
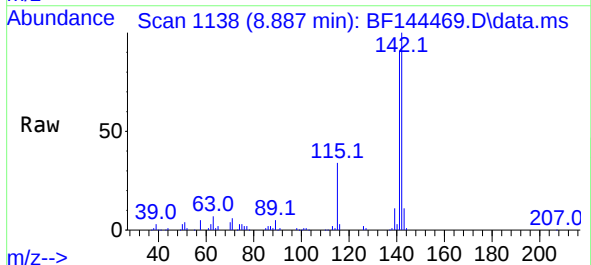
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

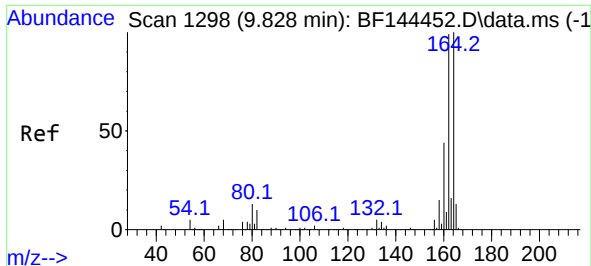
Tgt Ion:142 Resp: 82437
Ion Ratio Lower Upper
142 100
141 87.4 70.0 105.0



#38
1-Methylnaphthalene
Concen: 2.352 ng
RT: 8.887 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:142 Resp: 87138
Ion Ratio Lower Upper
142 100
141 90.6 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF144469.D

Acq: 15 Dec 2025 12:43

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

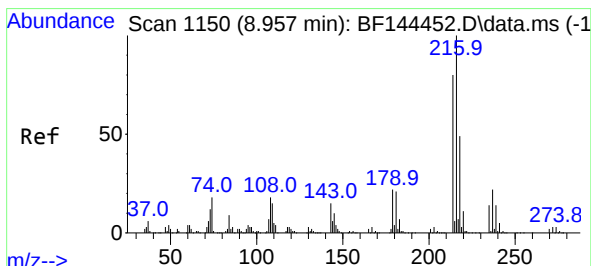
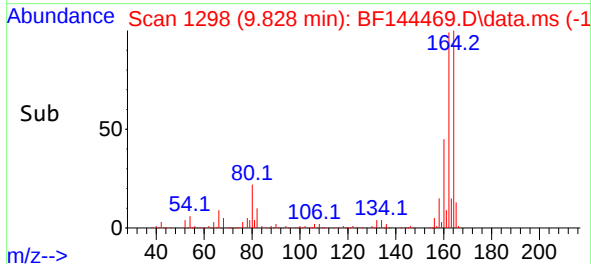
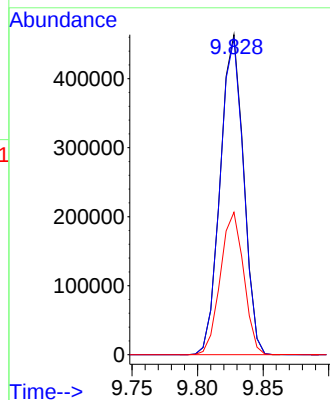
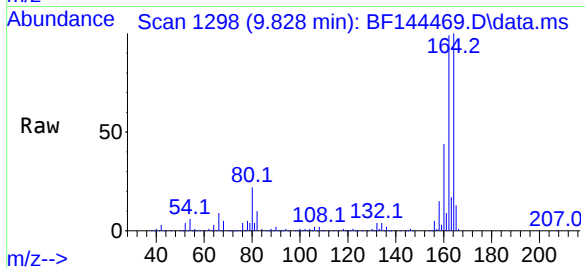
Tgt Ion:164 Resp: 573826

Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

160 44.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.518 ng

RT: 8.951 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF144469.D

Acq: 15 Dec 2025 12:43

Tgt Ion:216 Resp: 41129

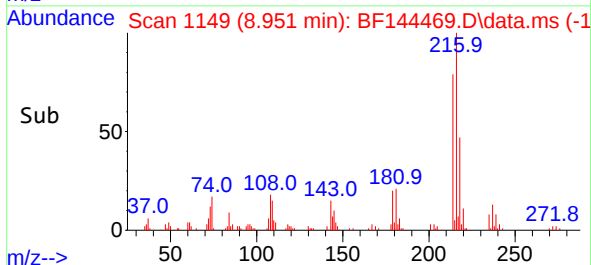
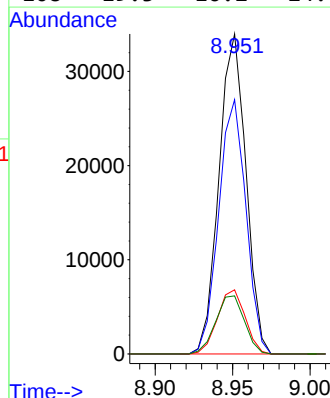
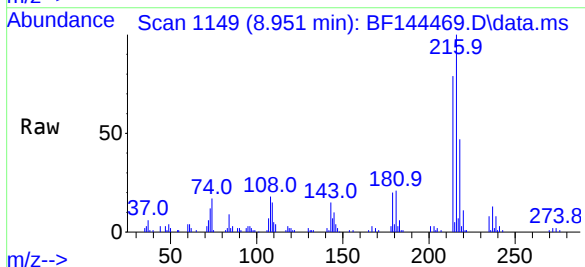
Ion Ratio Lower Upper

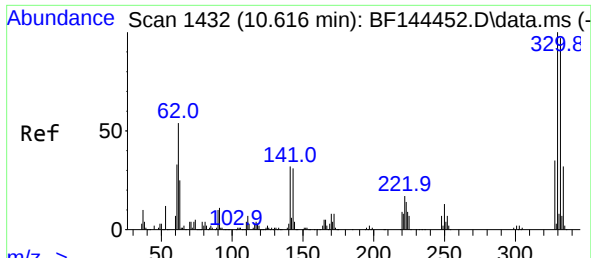
216 100

214 80.2 63.8 95.6

179 20.7 17.7 26.5

108 19.3 16.2 24.4





#42

2,4,6-Tribromophenol

Concen: 133.653 ng

RT: 10.616 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF144469.D

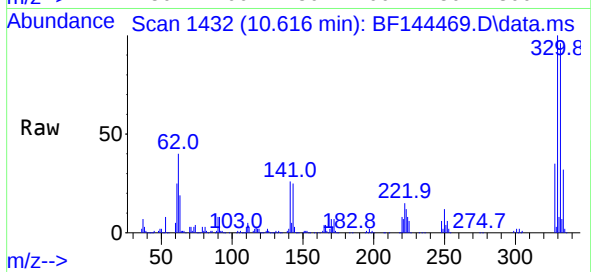
Acq: 15 Dec 2025 12:43

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



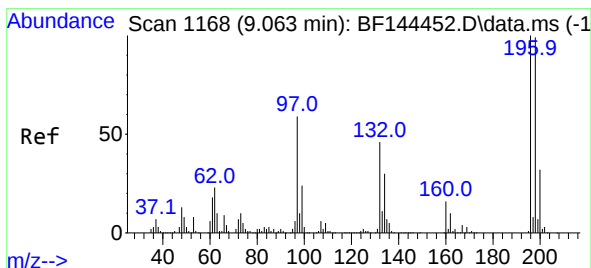
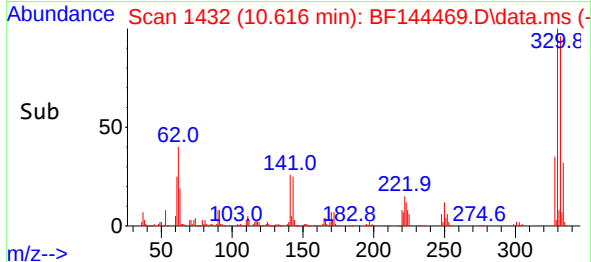
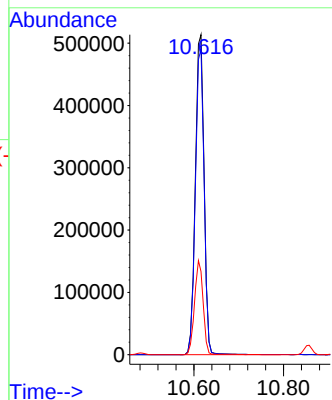
Tgt Ion:330 Resp: 693384

Ion Ratio Lower Upper

330 100

332 95.4 77.5 116.3

141 28.9 26.2 39.2



#43

2,4,6-Trichlorophenol

Concen: 2.159 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF144469.D

Acq: 15 Dec 2025 12:43

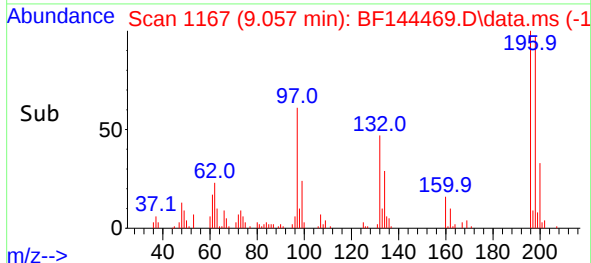
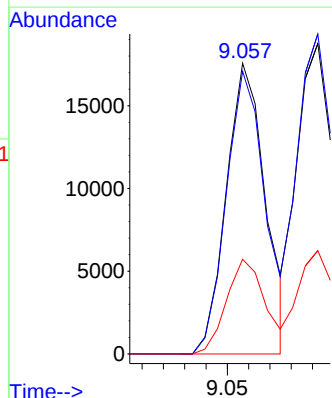
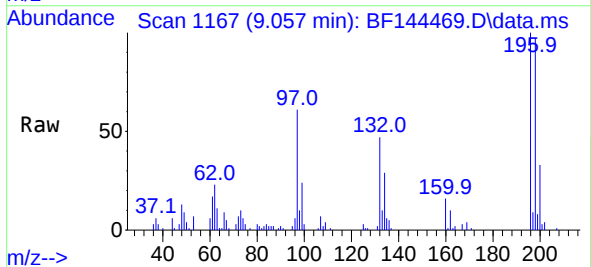
Tgt Ion:196 Resp: 22392

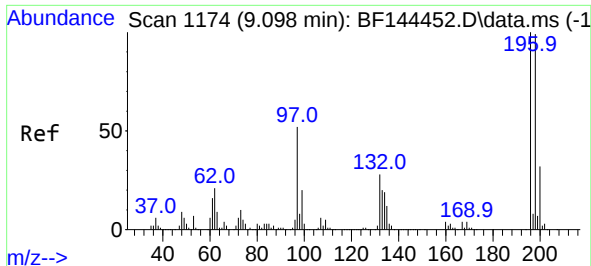
Ion Ratio Lower Upper

196 100

198 97.2 79.0 118.4

200 32.6 25.3 37.9

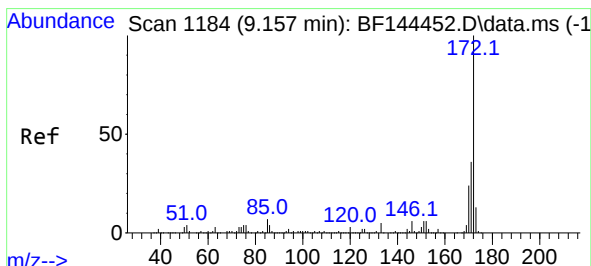
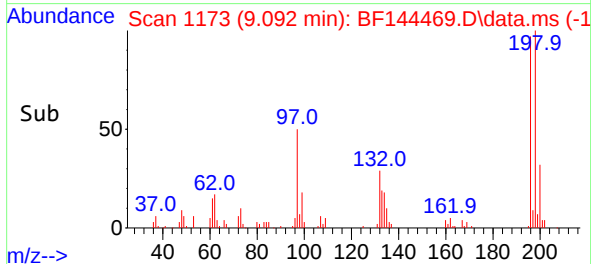
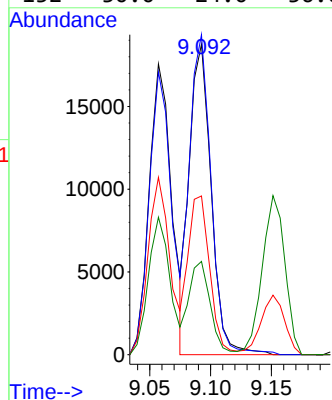
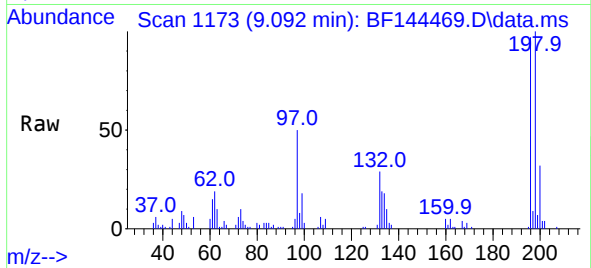




#44
2,4,5-Trichlorophenol
Concen: 2.160 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

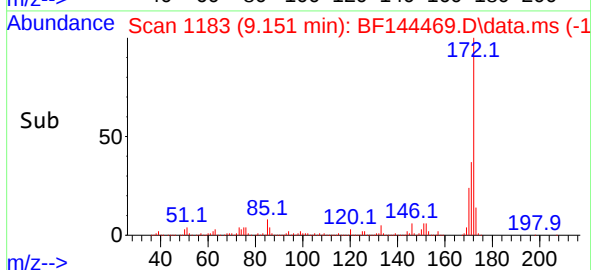
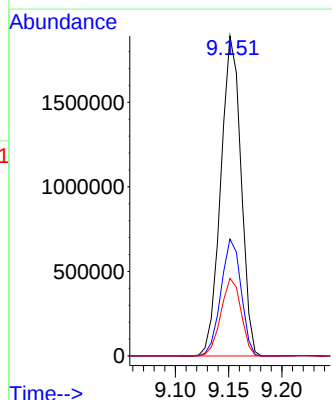
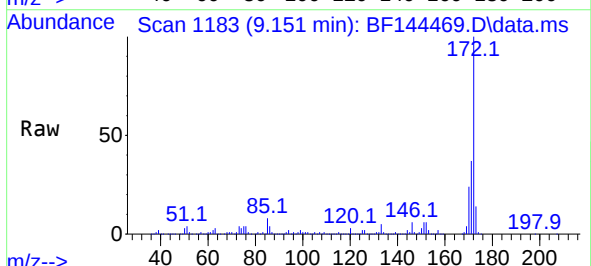
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

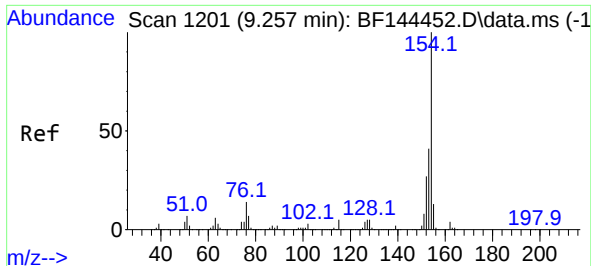
Tgt Ion:196 Resp: 23508
Ion Ratio Lower Upper
196 100
198 103.1 79.5 119.3
97 51.1 42.2 63.2
132 30.0 24.0 36.0



#45
2-Fluorobiphenyl
Concen: 66.694 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:172 Resp: 2494710
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.3 19.3 28.9





#46

1,1'-Biphenyl

Concen: 2.591 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144469.D

Acq: 15 Dec 2025 12:43

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

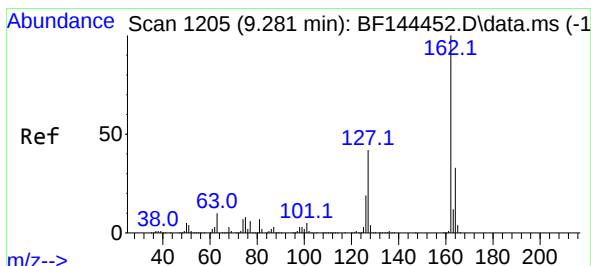
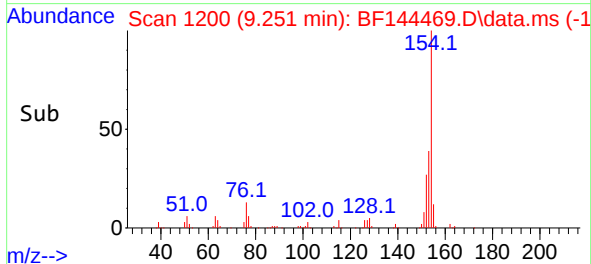
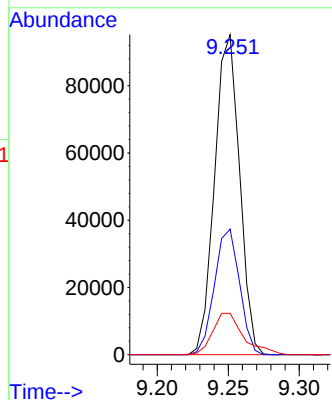
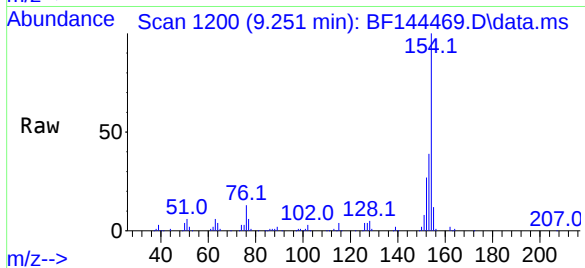
Tgt Ion:154 Resp: 116193

Ion Ratio Lower Upper

154 100

153 39.2 21.0 61.0

76 13.0 0.0 33.8



#47

2-Chloronaphthalene

Concen: 2.481 ng

RT: 9.275 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF144469.D

Acq: 15 Dec 2025 12:43

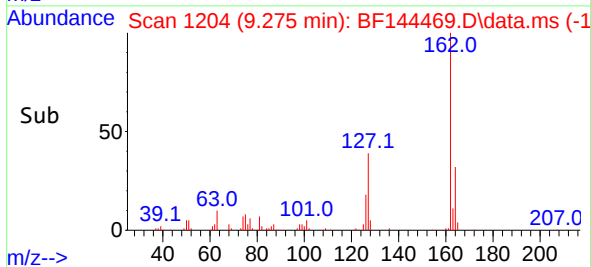
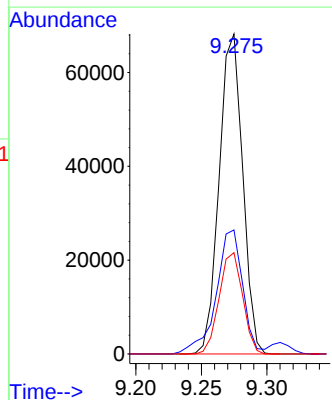
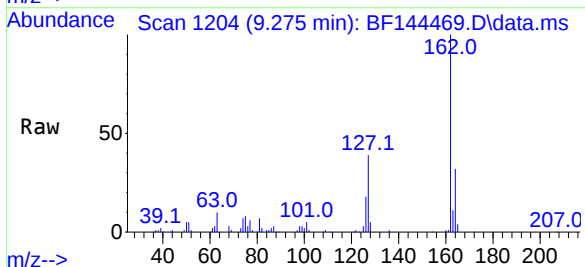
Tgt Ion:162 Resp: 84925

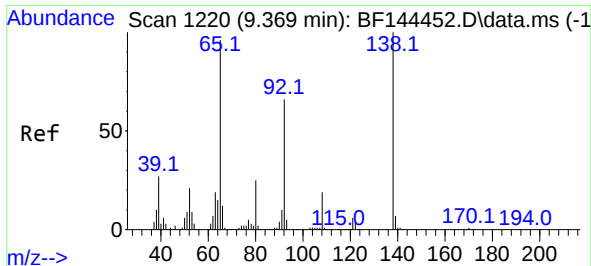
Ion Ratio Lower Upper

162 100

127 38.8 33.6 50.4

164 31.7 26.6 39.8

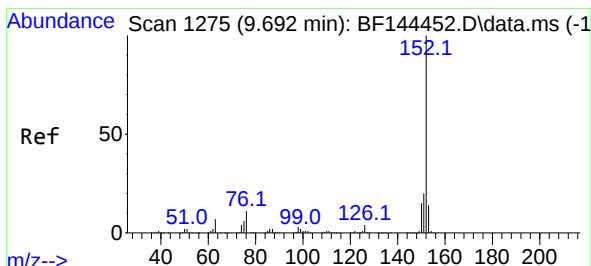
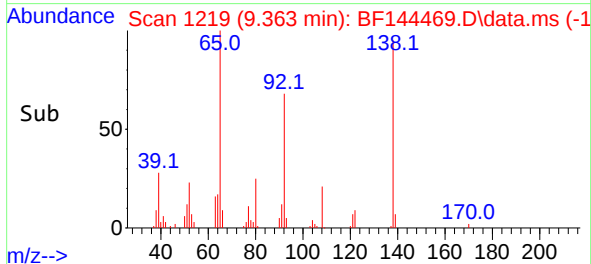
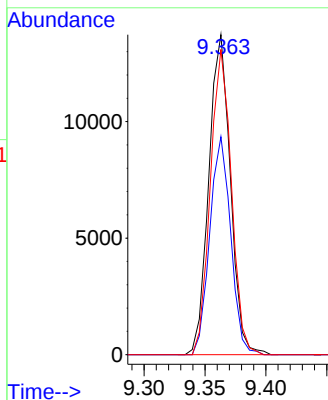
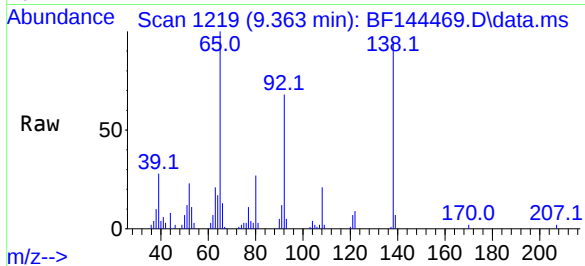




#48
2-Nitroaniline
Concen: 5.226 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

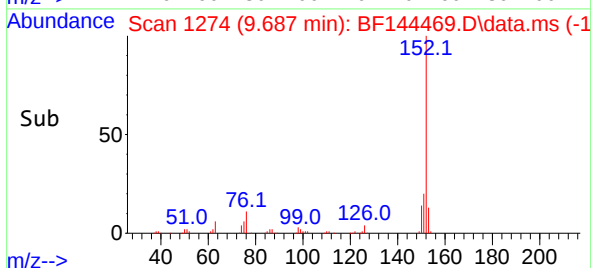
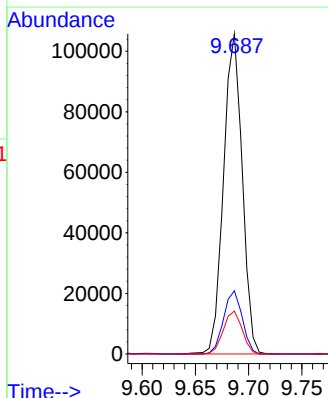
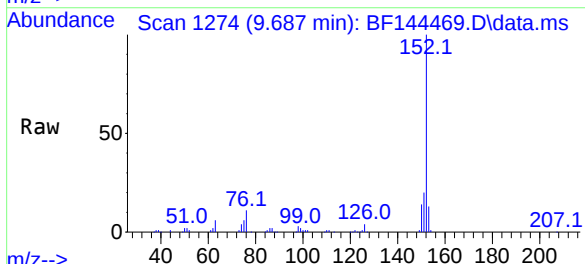
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

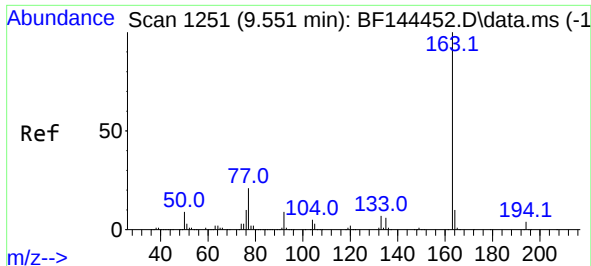
Tgt Ion: 65 Resp: 16924
Ion Ratio Lower Upper
65 100
92 68.1 55.0 82.4
138 95.4 83.4 125.2



#49
Acenaphthylene
Concen: 2.375 ng
RT: 9.687 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 152 Resp: 128824
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.4 11.4 17.0

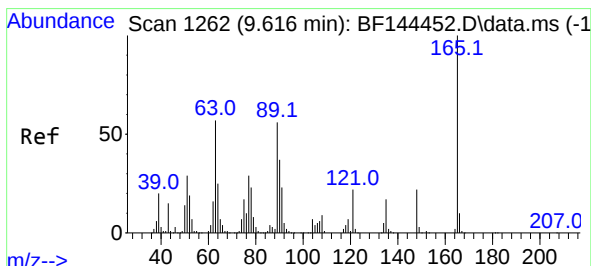
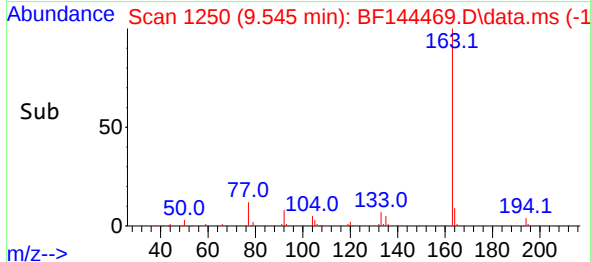
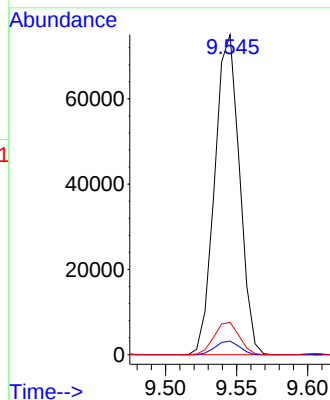
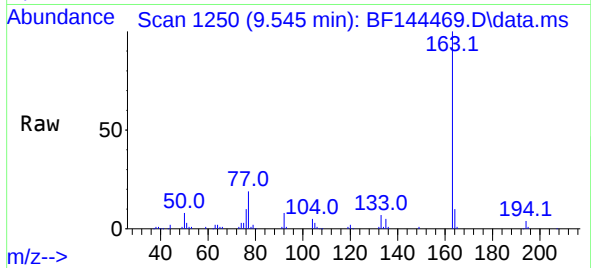




#50
Dimethylphthalate
Concen: 2.346 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

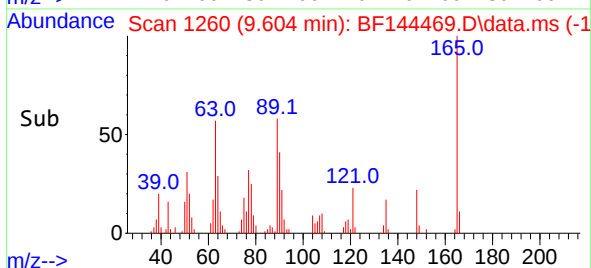
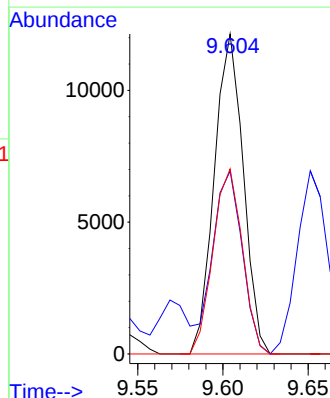
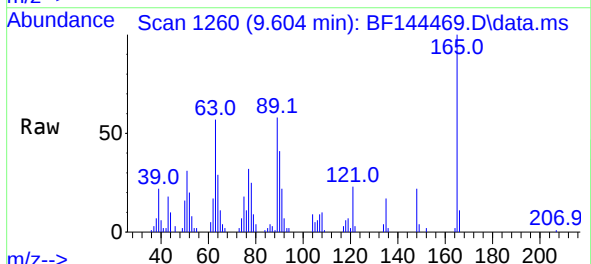
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

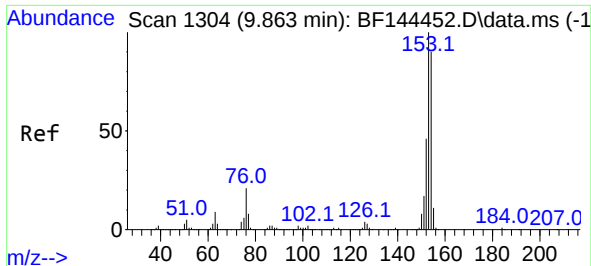
Tgt Ion:163 Resp: 90942
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 5.766 ng
RT: 9.604 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:165 Resp: 14363
Ion Ratio Lower Upper
165 100
63 57.1 45.9 68.9
89 57.8 44.6 67.0

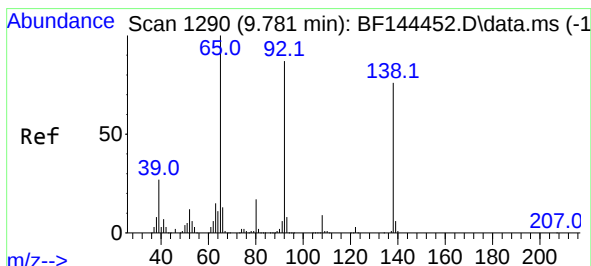
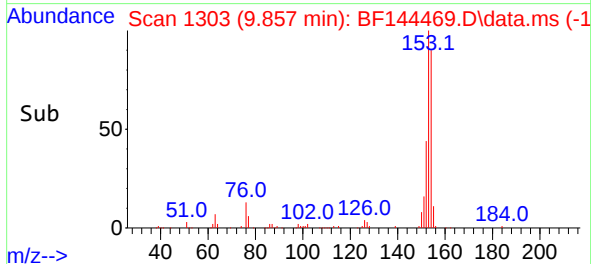
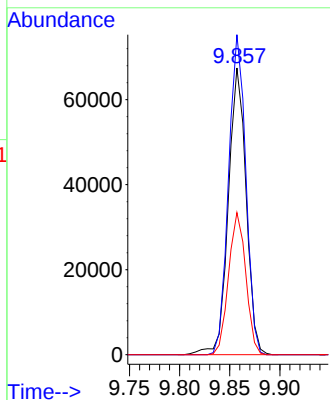
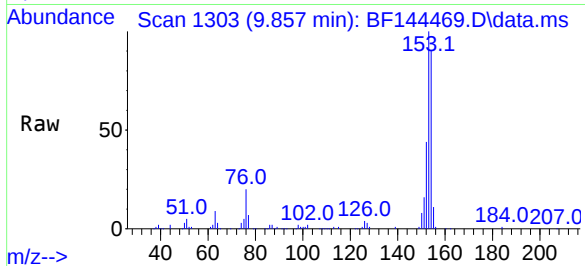




#52
Acenaphthene
Concen: 2.466 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

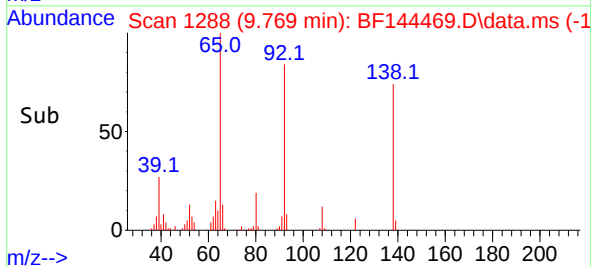
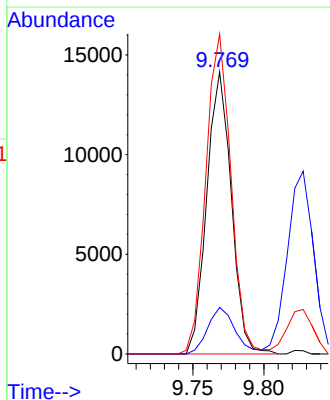
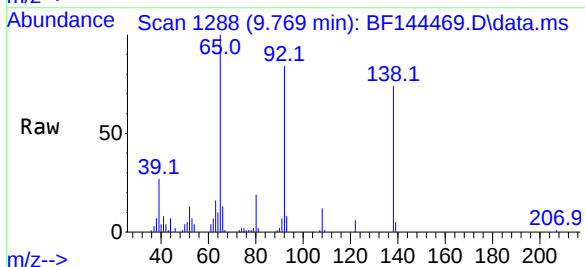
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

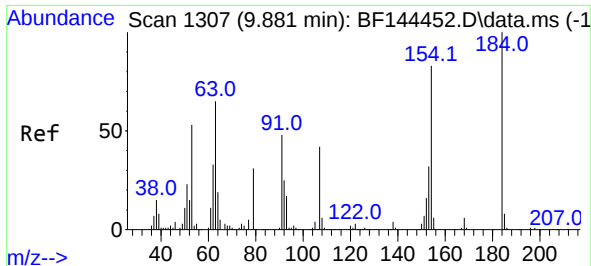
Tgt Ion:154 Resp: 83384
Ion Ratio Lower Upper
154 100
153 111.6 88.6 132.8
152 49.6 40.6 61.0



#53
3-Nitroaniline
Concen: 4.840 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:138 Resp: 17000
Ion Ratio Lower Upper
138 100
108 16.5 9.7 14.5#
92 113.5 91.5 137.3

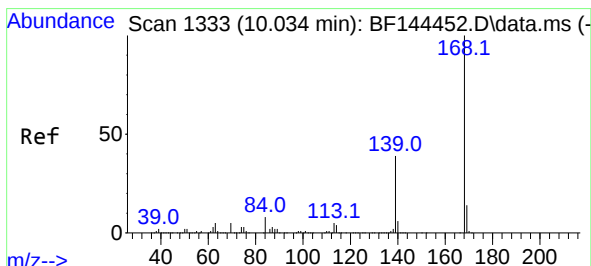
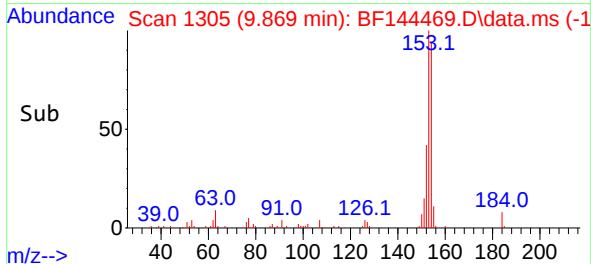
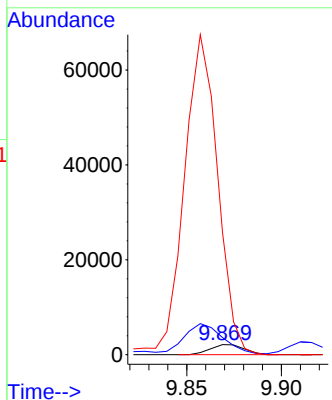
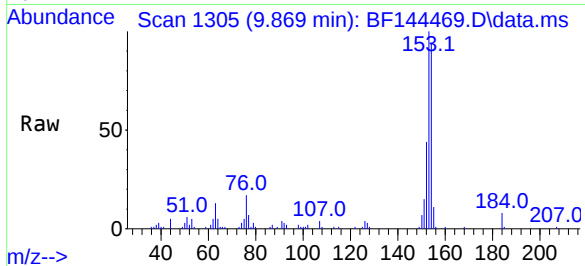




#54
2,4-Dinitrophenol
Concen: 7.656 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

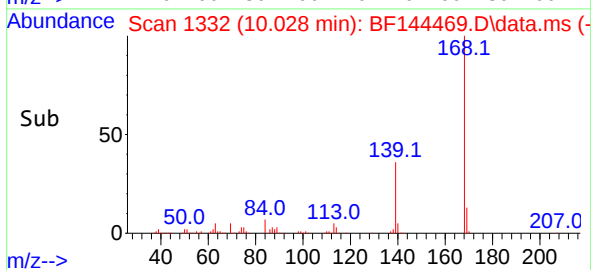
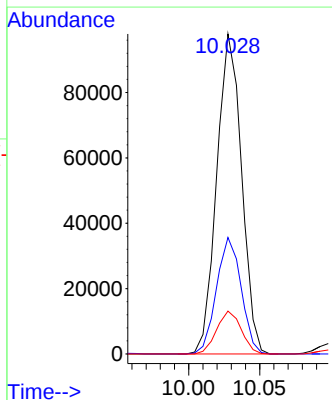
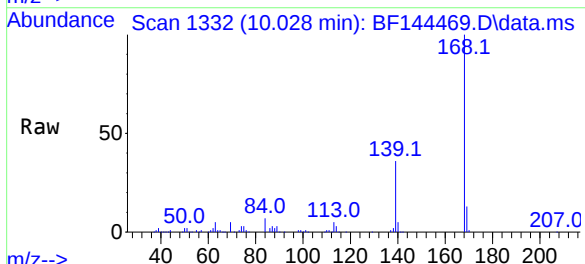
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

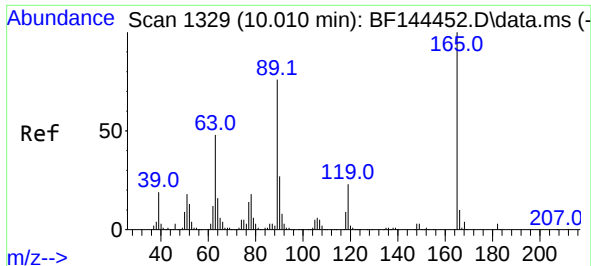
Tgt Ion:184 Resp: 2650
Ion Ratio Lower Upper
184 100
63 170.5 60.6 91.0#
154 1214.1 137.8 206.8#



#55
Dibenzofuran
Concen: 2.471 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:168 Resp: 118893
Ion Ratio Lower Upper
168 100
139 36.4 31.0 46.6
169 13.4 10.9 16.3

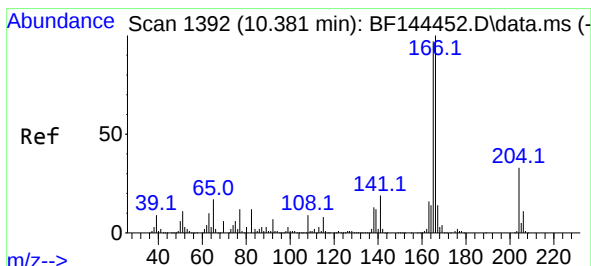
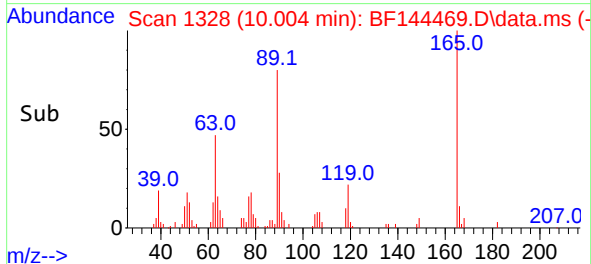
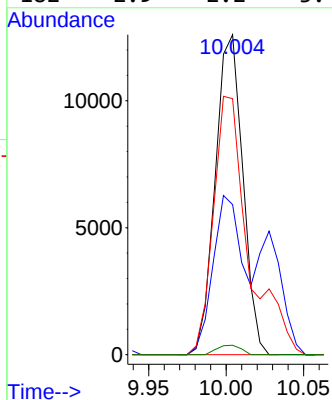
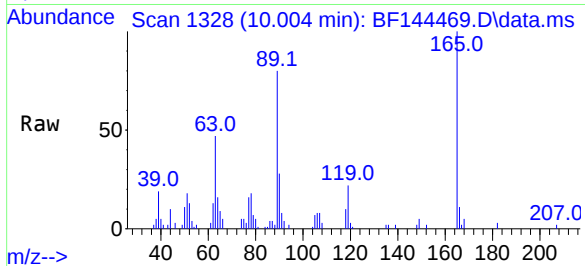




#57
2,4-Dinitrotoluene
Concen: 5.363 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

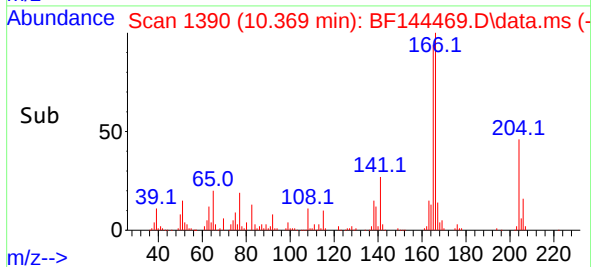
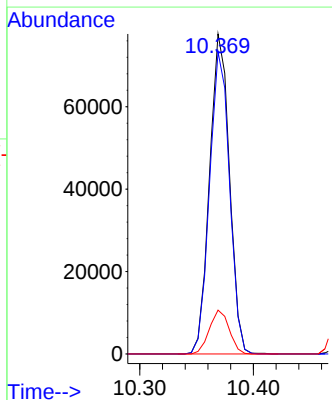
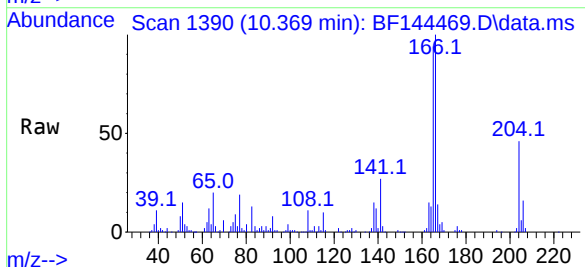
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

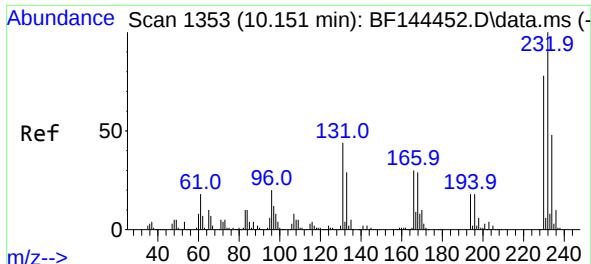
Tgt	Ion:165	Resp:	15575
Ion	Ratio	Lower	Upper
165	100		
63	46.9	38.2	57.4
89	80.0	61.2	91.8
182	2.9	2.2	3.4



#58
Fluorene
Concen: 2.593 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

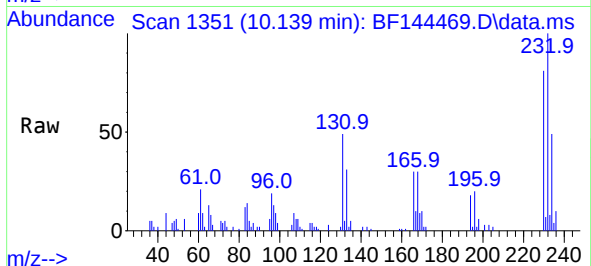
Tgt Ion:166	Resp:	94482	
Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.6	116.4
167	13.7	10.8	16.2



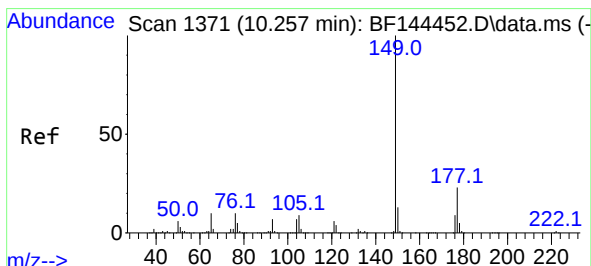
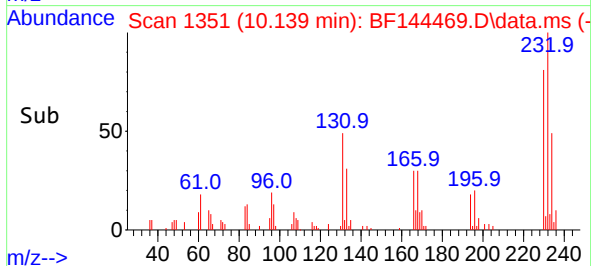
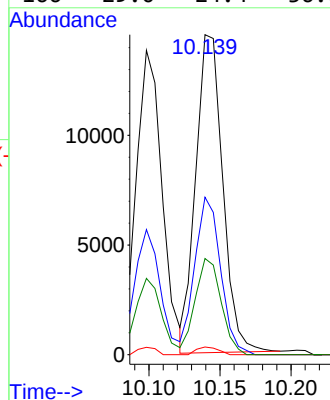


#59
2,3,4,6-Tetrachlorophenol
Concen: 2.324 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

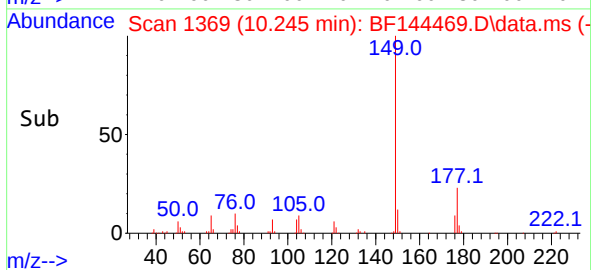
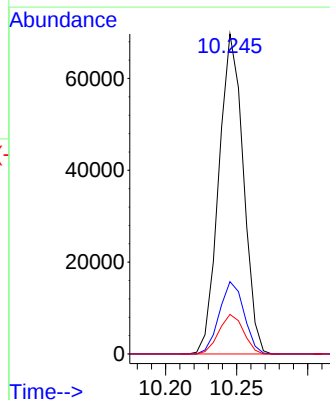
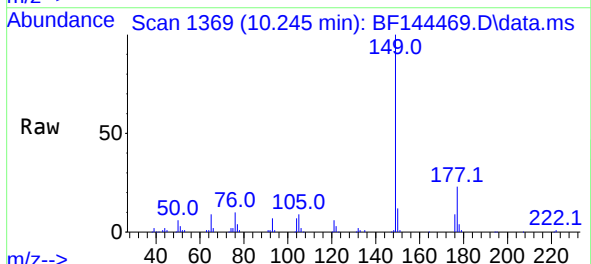


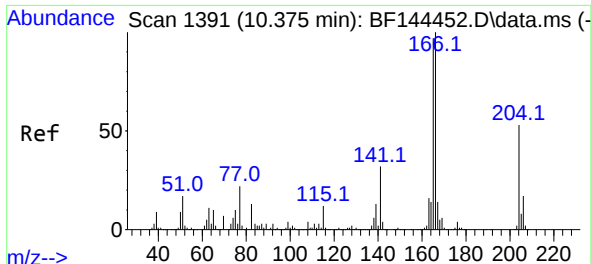
Tgt Ion:232 Resp: 19199
Ion Ratio Lower Upper
232 100
131 47.3 36.3 54.5
130 1.9 1.8 2.6
166 29.0 24.4 36.6



#60
Diethylphthalate
Concen: 2.276 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:149 Resp: 83614
Ion Ratio Lower Upper
149 100
177 22.6 18.7 28.1
150 12.3 10.1 15.1

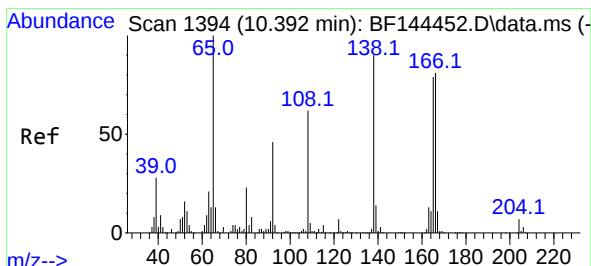
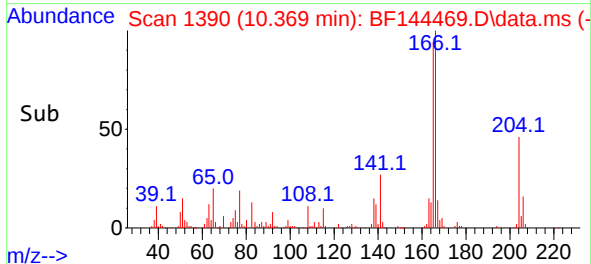
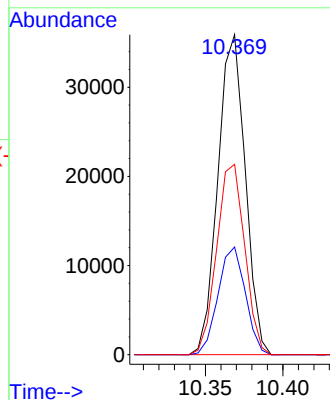
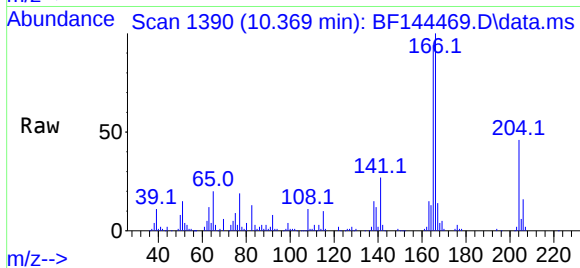




#61
4-Chlorophenyl-phenylether
Concen: 2.465 ng
RT: 10.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

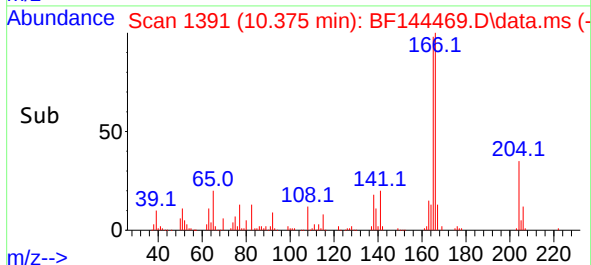
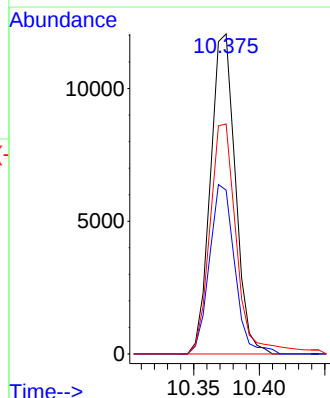
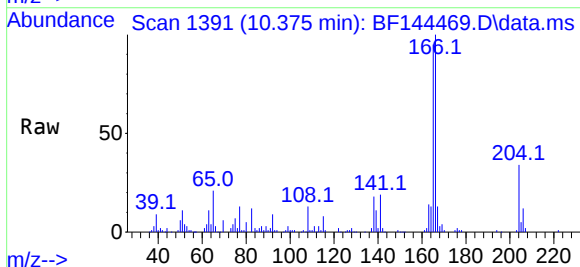
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

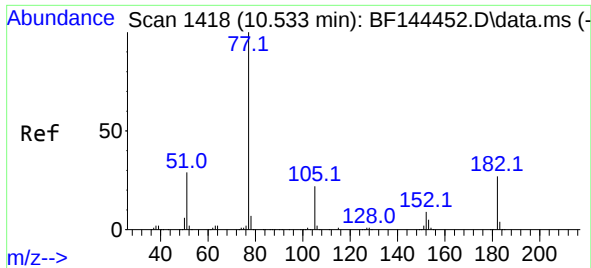
Tgt Ion:204 Resp: 44074
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 59.5 48.4 72.6



#62
4-Nitroaniline
Concen: 4.274 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.017 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:138 Resp: 15916
Ion Ratio Lower Upper
138 100
92 51.2 30.8 70.8
108 71.9 49.2 89.2

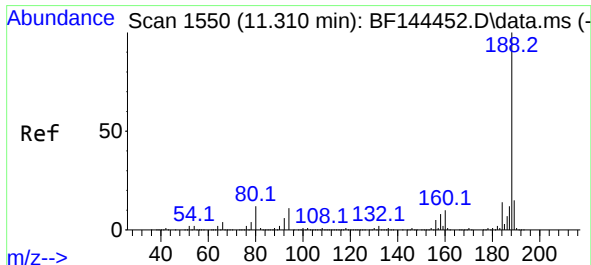
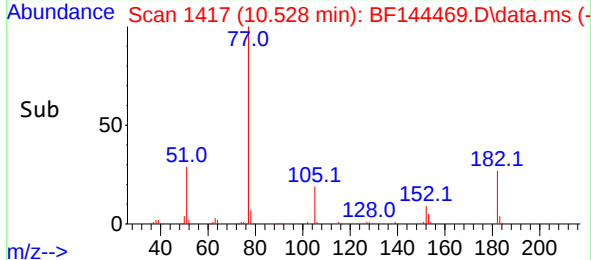
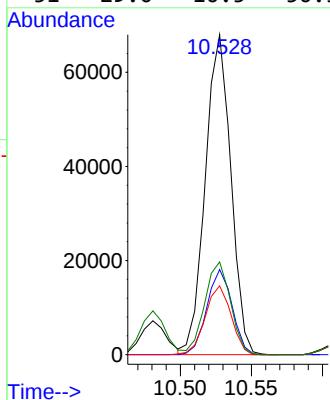
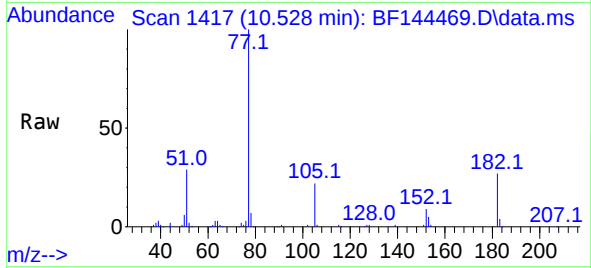




#63
Azobenzene
Concen: 2.200 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

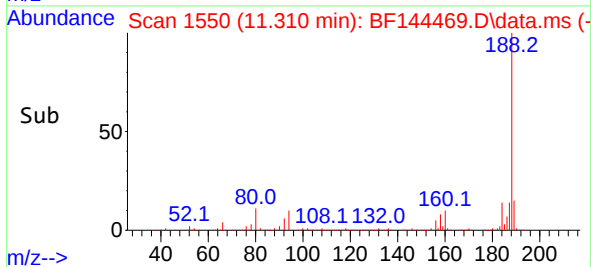
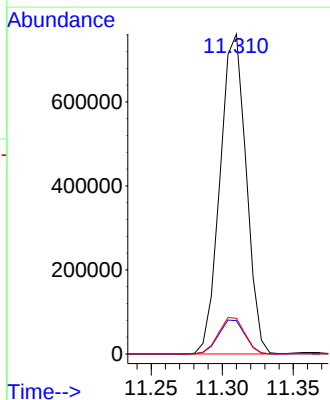
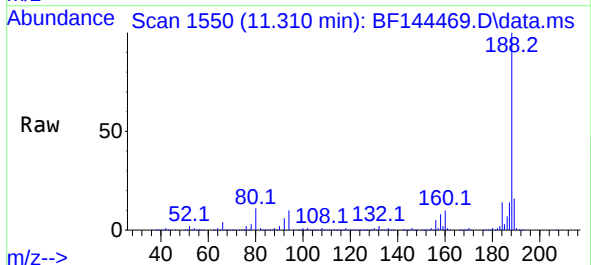
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

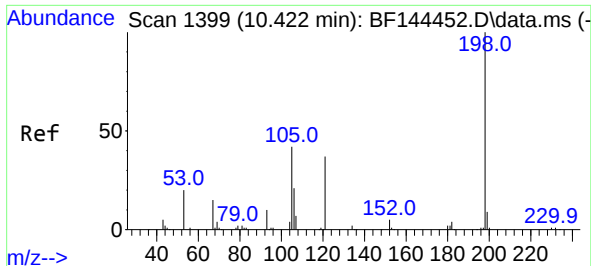
Tgt Ion: 77	Resp: 85416
Ion Ratio	Lower Upper
77 100	
182 26.6	6.1 46.1
105 21.5	1.5 41.5
51 29.0	10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion: 188	Resp: 974327
Ion Ratio	Lower Upper
188 100	
94 10.4	9.0 13.6
80 11.1	9.8 14.8

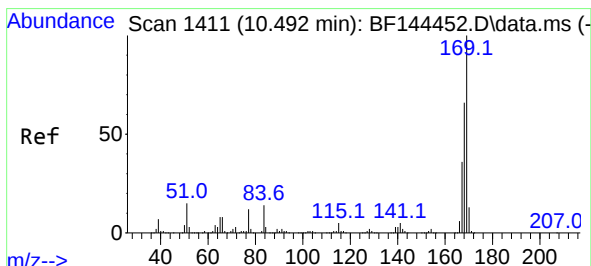
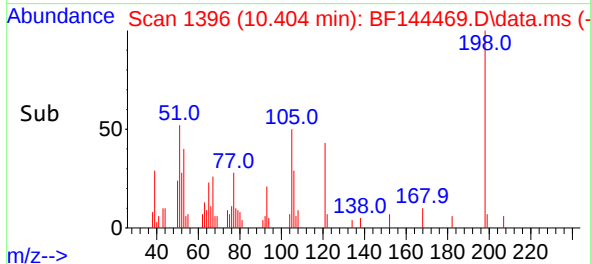
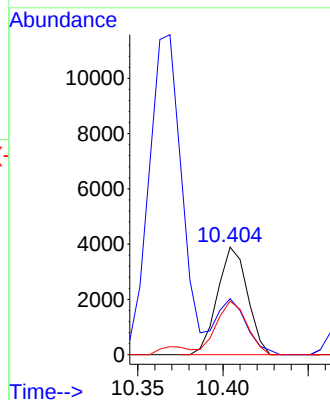
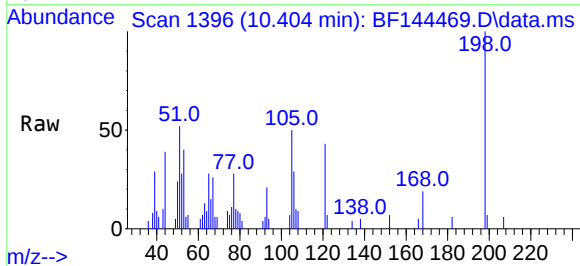




#65
4,6-Dinitro-2-methylphenol
Concen: 7.794 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

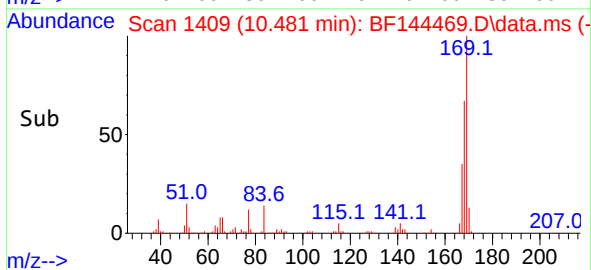
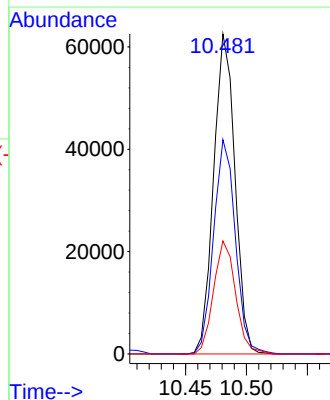
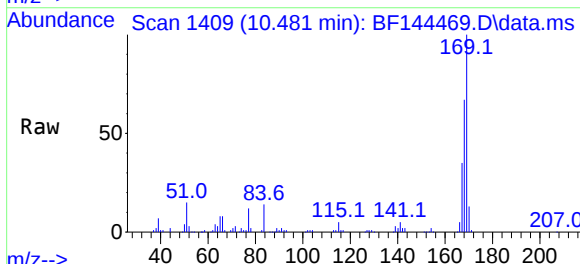
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

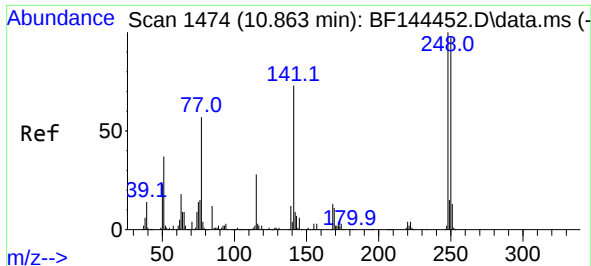
Tgt Ion:198 Resp: 4751
Ion Ratio Lower Upper
198 100
51 52.1 25.5 65.5
105 49.8 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 2.279 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

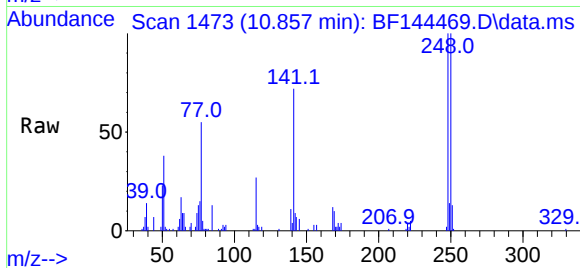
Tgt Ion:169 Resp: 76100
Ion Ratio Lower Upper
169 100
168 67.0 52.6 79.0
167 35.3 28.8 43.2



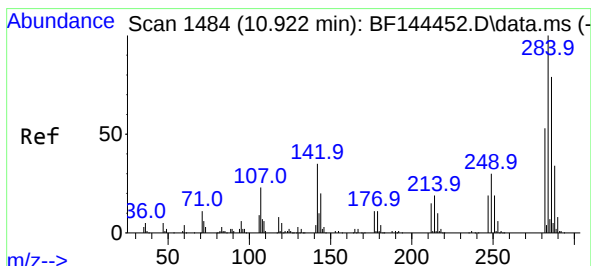
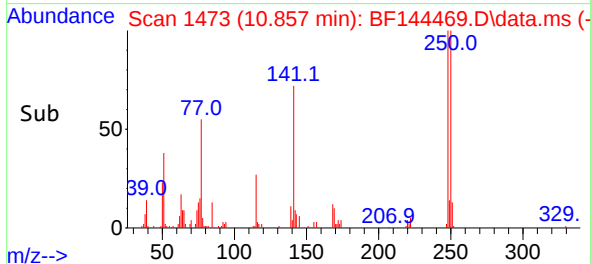
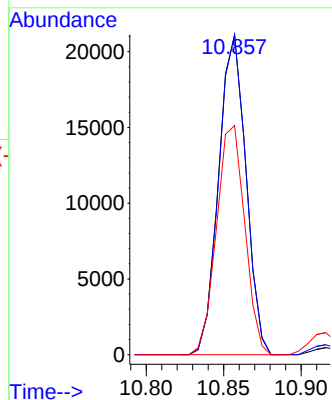


#67
4-Bromophenyl-phenylether
Concen: 2.279 ng
RT: 10.857 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

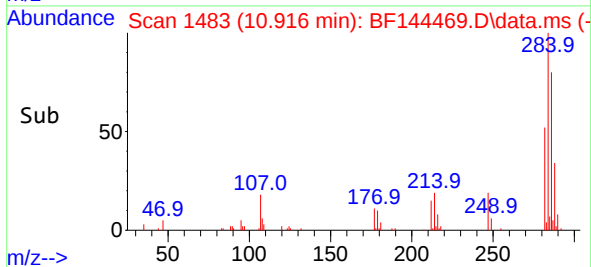
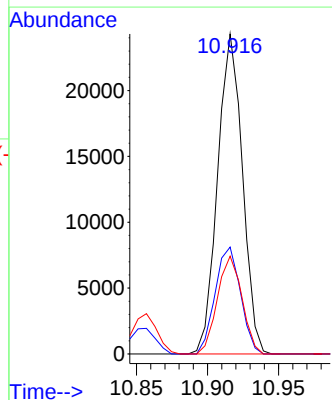
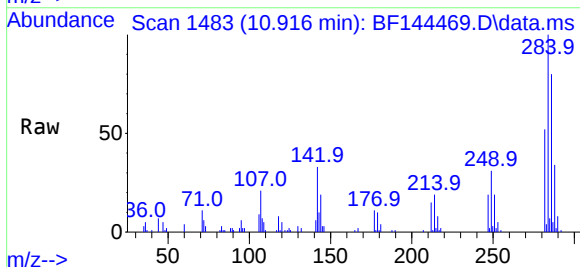


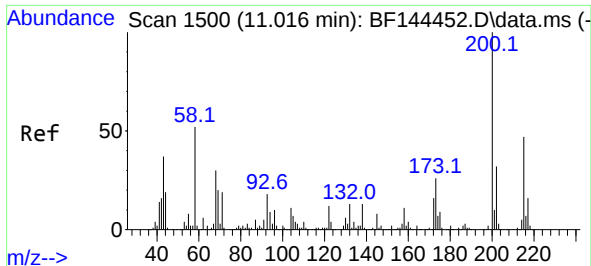
Tgt Ion:	248	Resp:	25919
Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.2	117.4
141	71.7	58.5	87.7



#68
Hexachlorobenzene
Concen: 2.350 ng
RT: 10.916 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

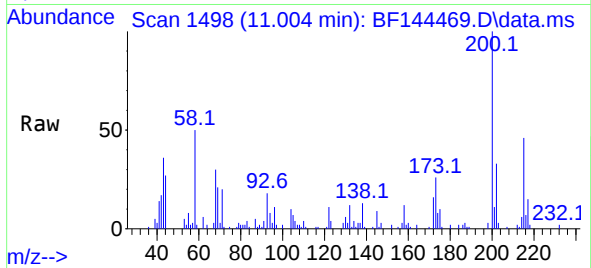
Tgt Ion:	284	Resp:	29508
Ion	Ratio	Lower	Upper
284	100		
142	33.4	28.2	42.2
249	30.5	24.7	37.1



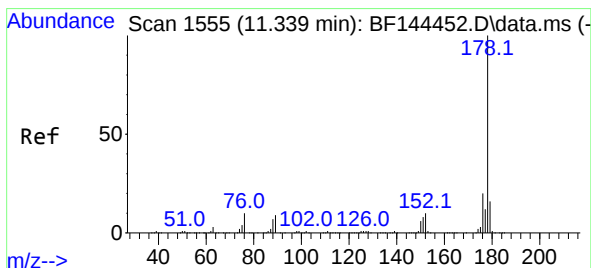
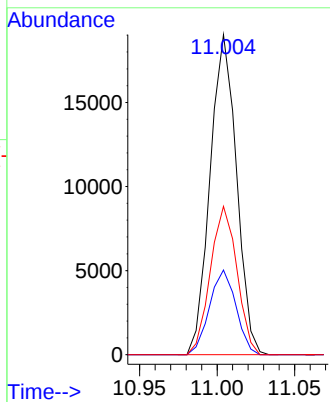
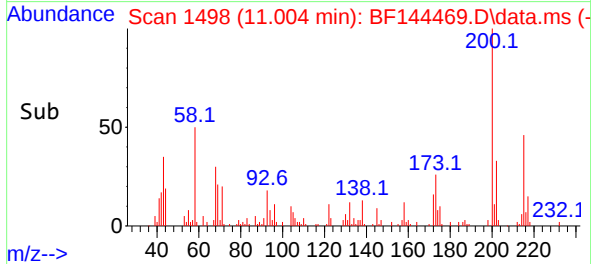


#69
Atrazine
Concen: 2.155 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

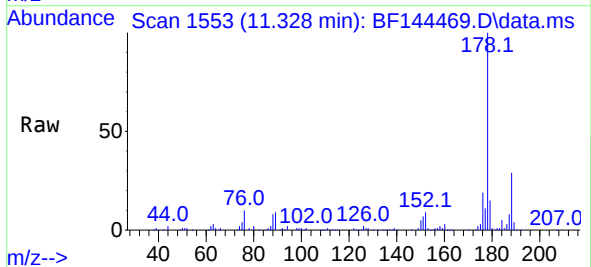
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



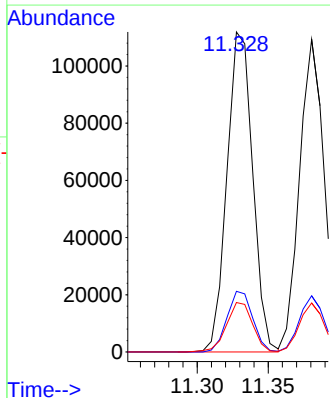
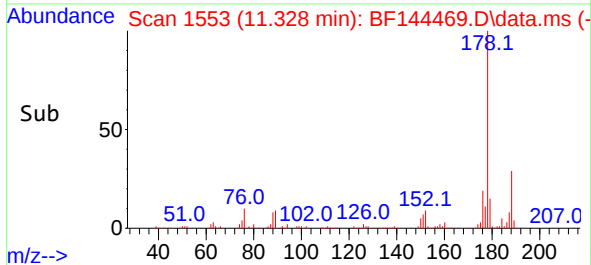
Tgt Ion:200 Resp: 22543
Ion Ratio Lower Upper
200 100
173 26.5 6.2 46.2
215 46.4 27.2 67.2

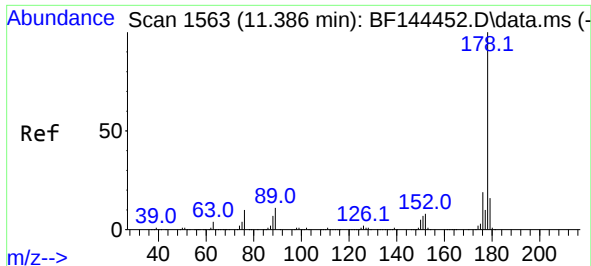


#71
Phenanthrene
Concen: 2.508 ng
RT: 11.328 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43



Tgt Ion:178 Resp: 140896
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.4 12.5 18.7

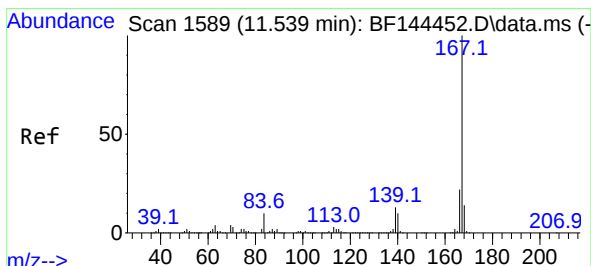
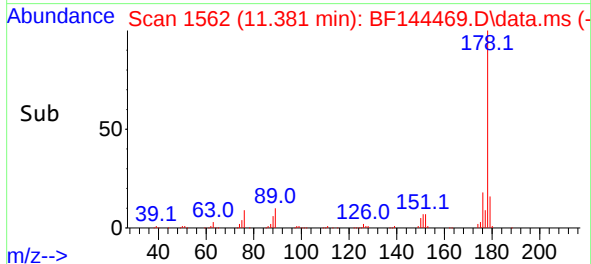
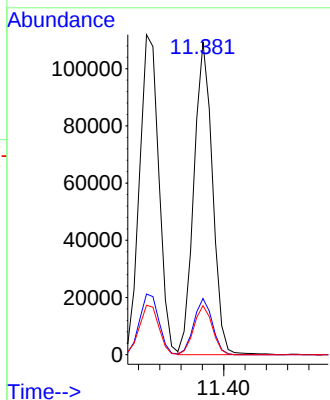
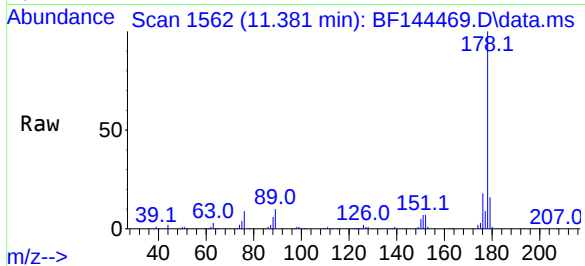




#72
Anthracene
Concen: 2.336 ng
RT: 11.381 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

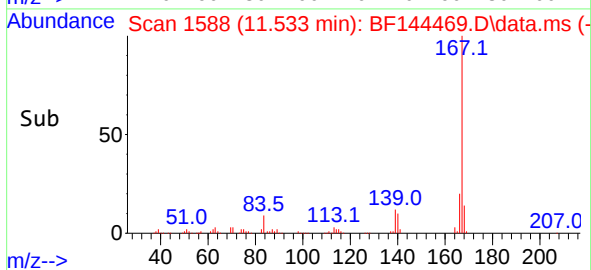
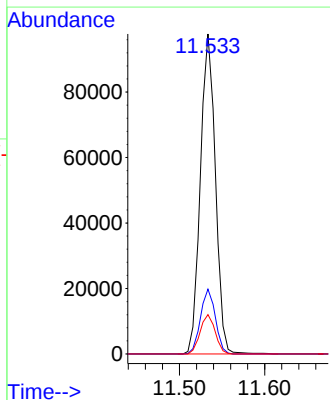
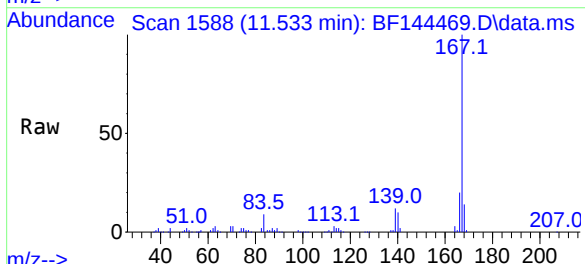
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

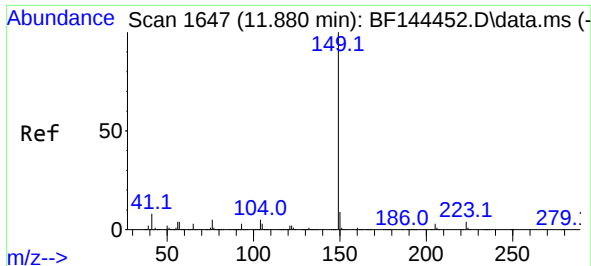
Tgt Ion:178 Resp: 132809
Ion Ratio Lower Upper
178 100
176 17.9 15.2 22.8
179 15.6 12.7 19.1



#73
Carbazole
Concen: 2.428 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

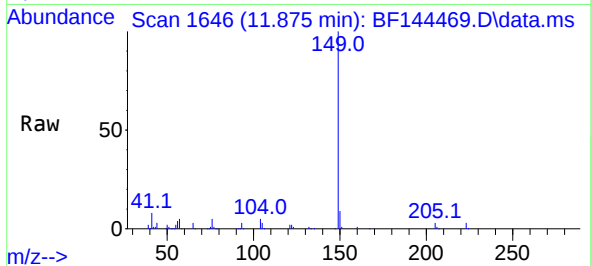
Tgt Ion:167 Resp: 119814
Ion Ratio Lower Upper
167 100
166 20.2 17.4 26.2
139 12.3 10.7 16.1



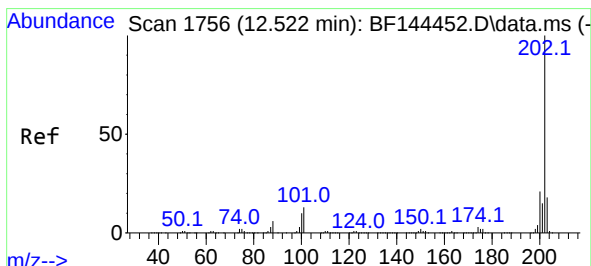
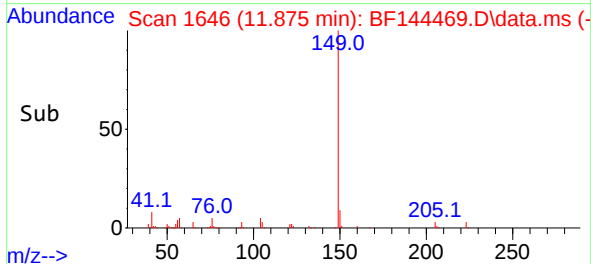
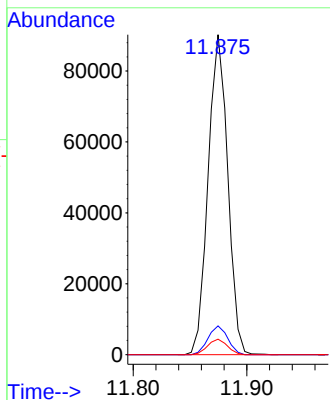


#74
Di-n-butylphthalate
Concen: 2.051 ng
RT: 11.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

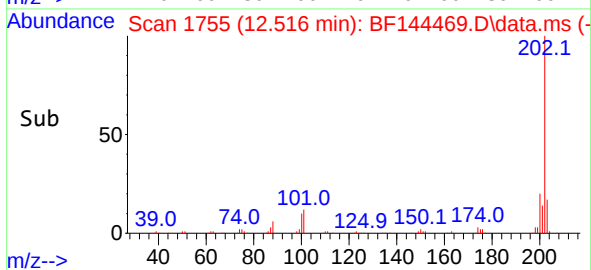
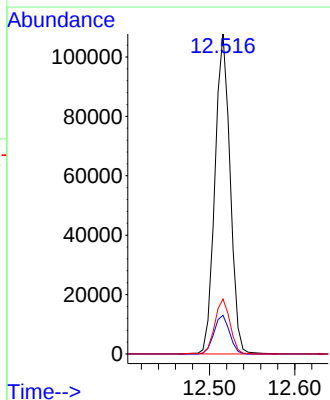
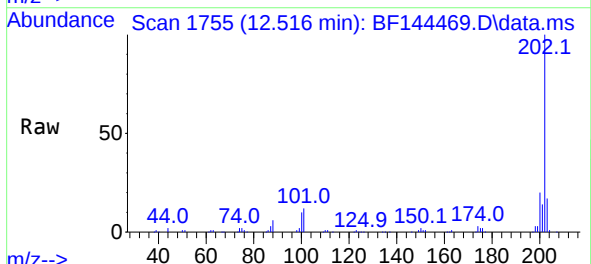


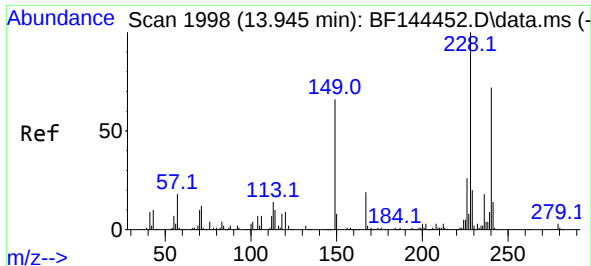
Tgt Ion:149 Resp: 108222
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.8 3.9 5.9



#75
Fluoranthene
Concen: 2.412 ng
RT: 12.516 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:202 Resp: 133796
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.9
203 17.2 0.0 37.8

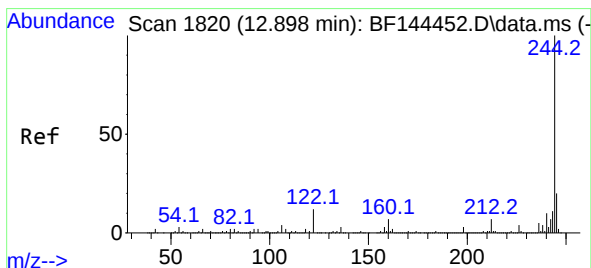
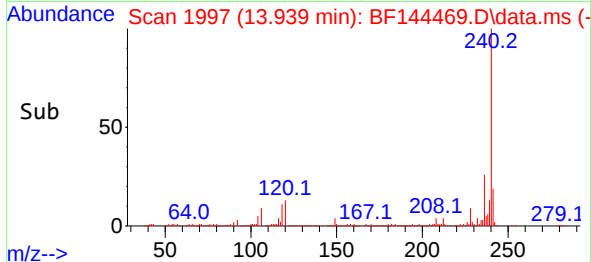
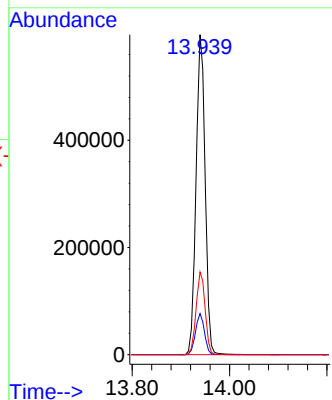
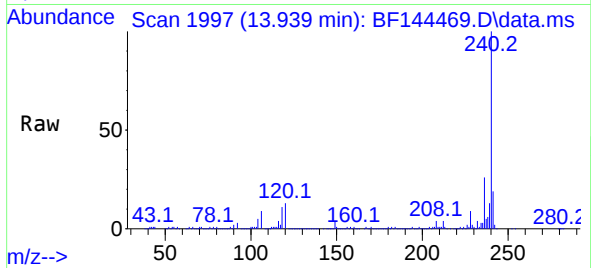




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

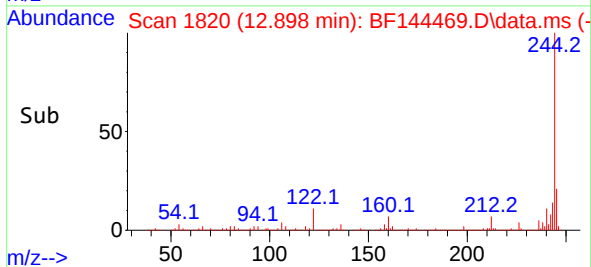
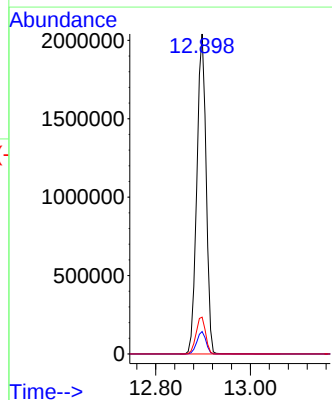
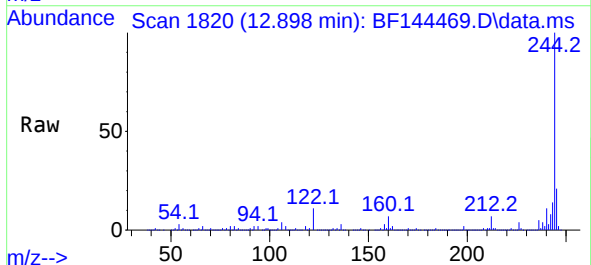
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

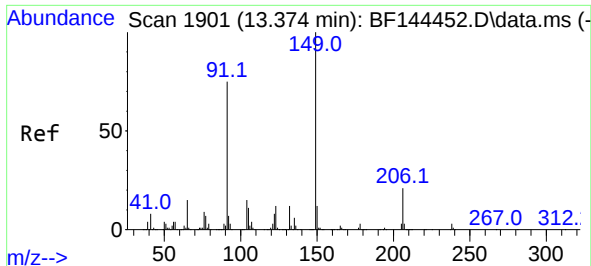
Tgt Ion:240 Resp: 780355
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.9 20.2 30.4



#79
Terphenyl-d14
Concen: 55.969 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:244 Resp: 2766408
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.5 9.9 14.9



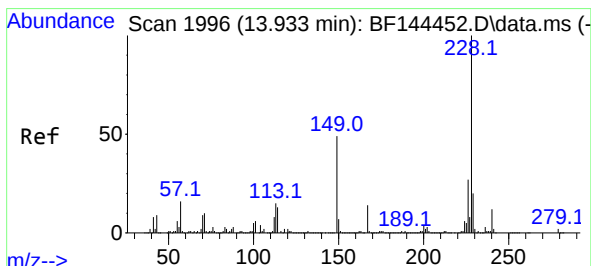
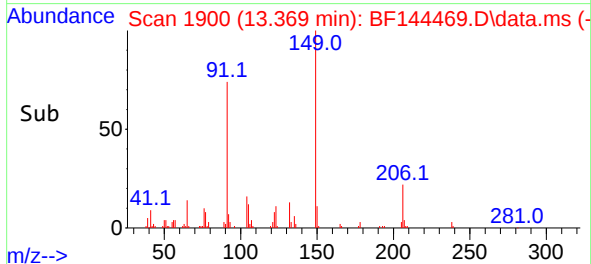
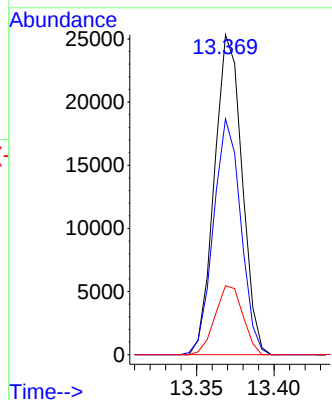
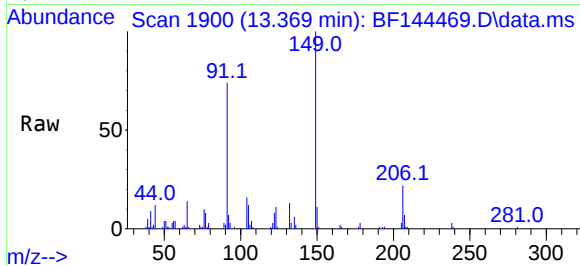


#80
Butylbenzylphthalate
Concen: 4.496 ng
RT: 13.369 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:149 Resp: 31425

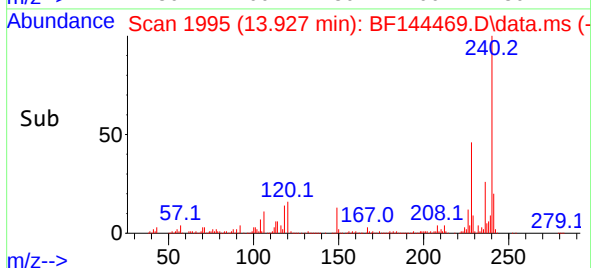
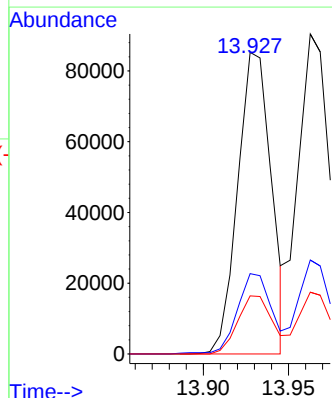
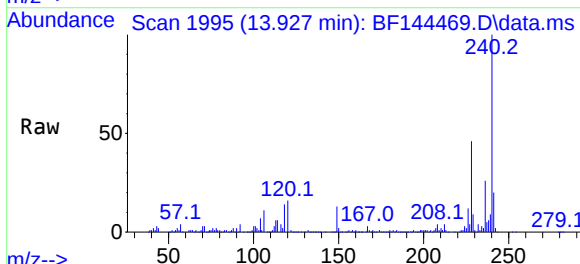
Ion	Ratio	Lower	Upper
149	100		
91	73.7	59.8	89.8
206	21.6	17.0	25.6

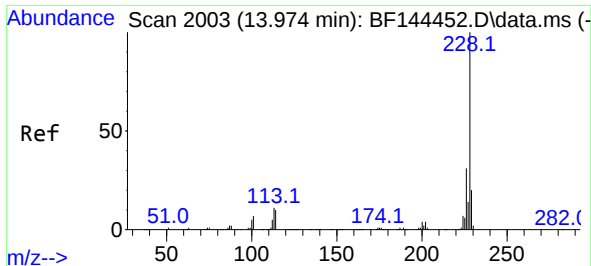


#81
Benzo(a)anthracene
Concen: 2.124 ng
RT: 13.927 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:228 Resp: 116722

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.9	32.9
229	19.3	16.1	24.1

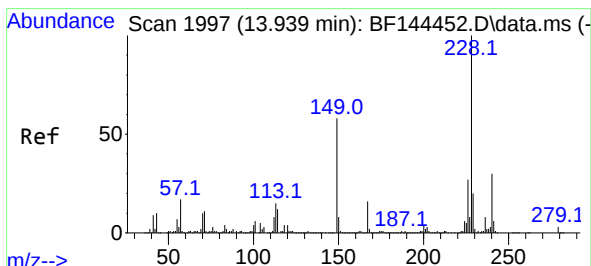
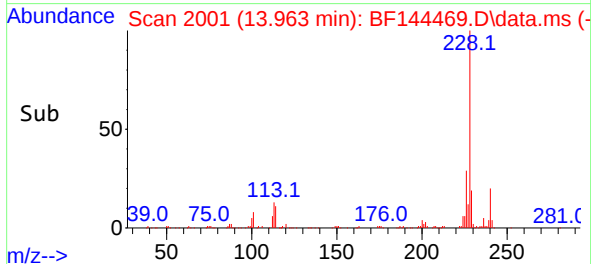
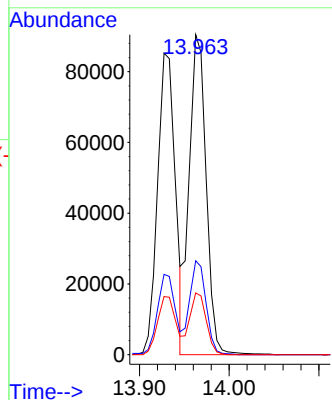
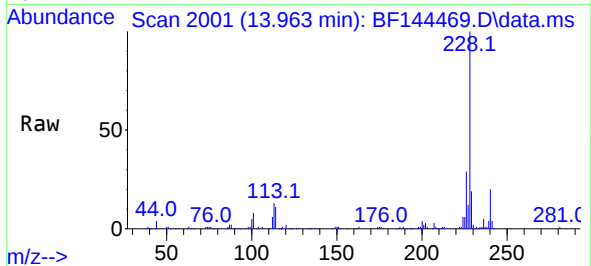




#83
Chrysene
Concen: 2.359 ng
RT: 13.963 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

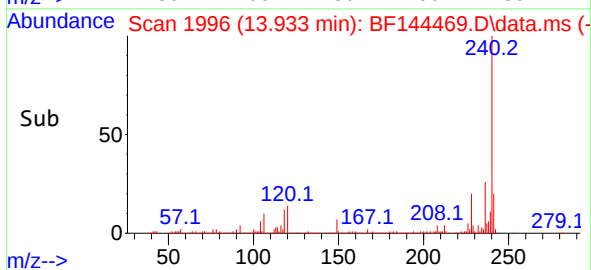
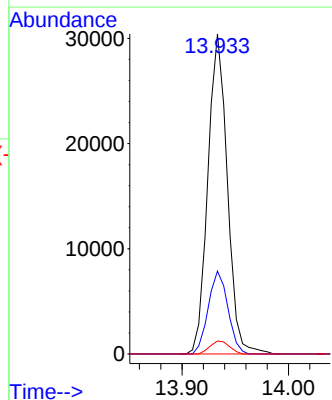
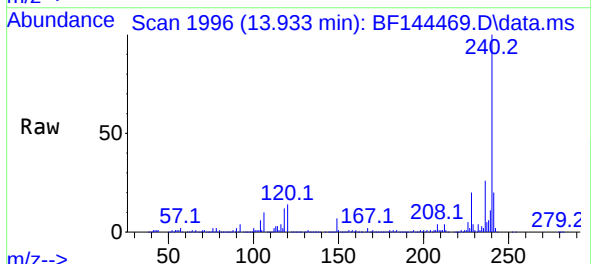
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

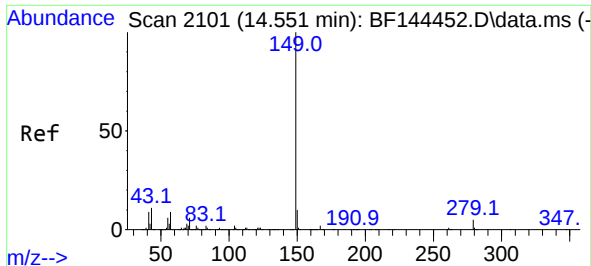
Tgt Ion:228	Resp: 118617
Ion Ratio	Lower Upper
228	100
226	29.4 24.3 36.5
229	19.3 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.222 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:149	Resp: 38571
Ion Ratio	Lower Upper
149	100
167	25.9 22.6 34.0
279	4.0 3.7 5.5

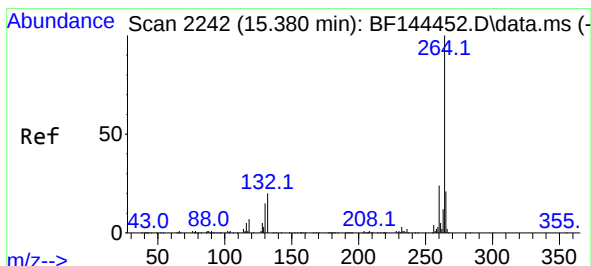
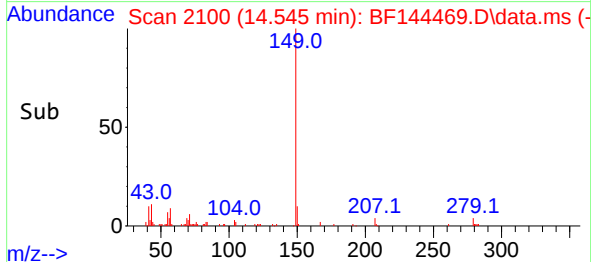
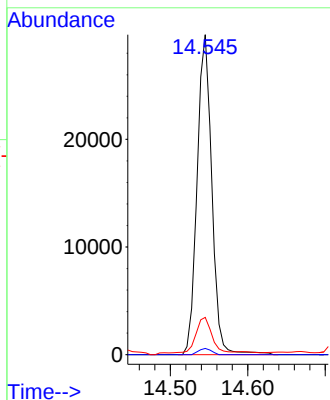
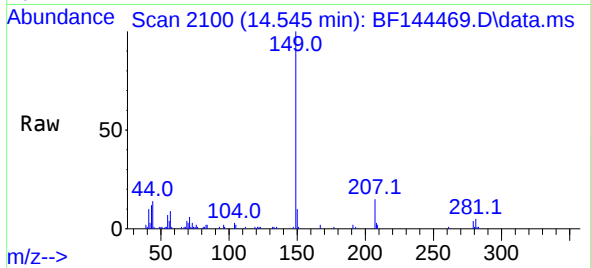




#85
Di-n-octyl phthalate
Concen: 7.303 ng
RT: 14.545 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

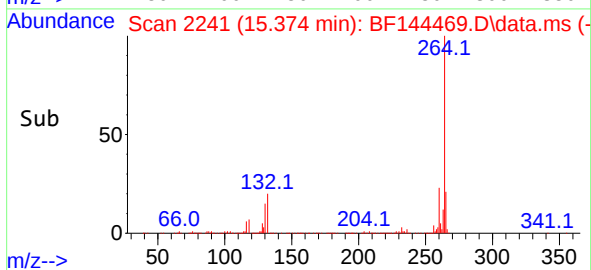
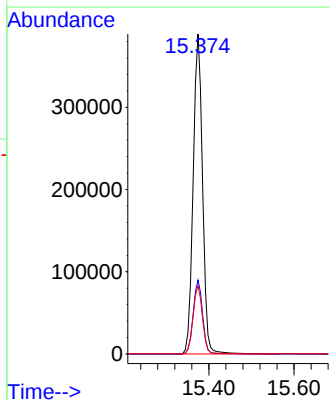
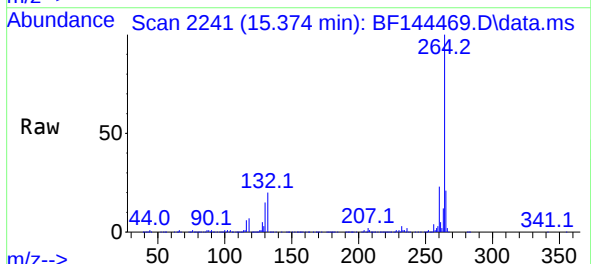
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

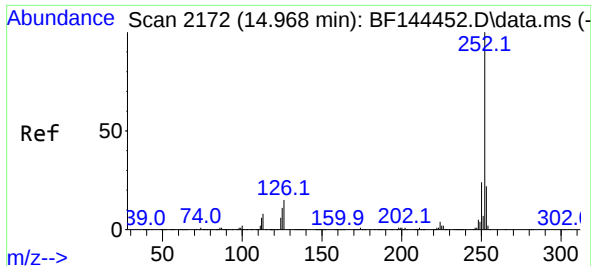
Tgt Ion:149 Resp: 39248
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.2 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:264 Resp: 594597
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 21.3 17.1 25.7

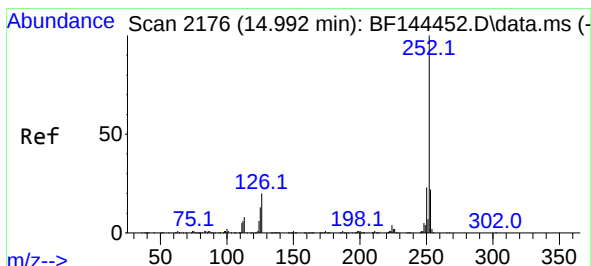
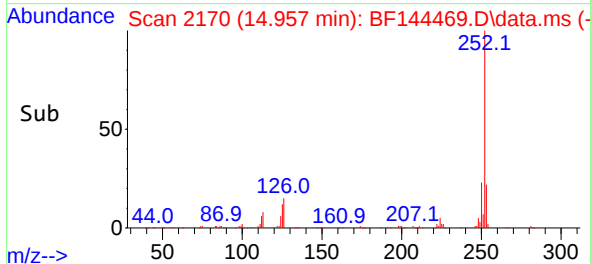
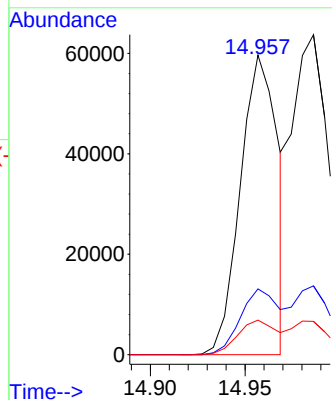
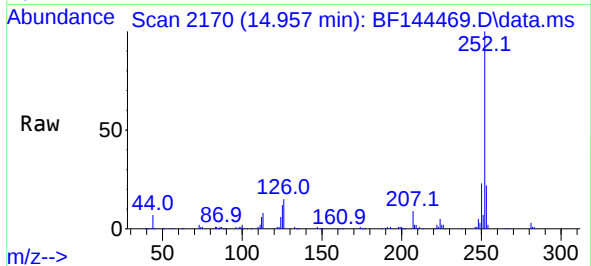




#88
Benzo(b)fluoranthene
Concen: 2.105 ng
RT: 14.957 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

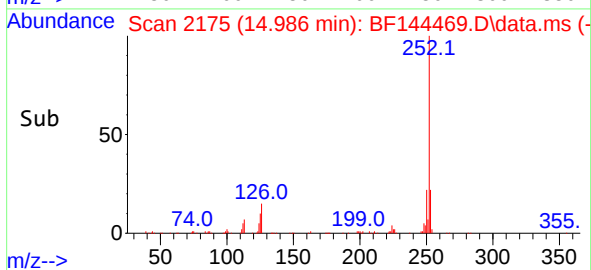
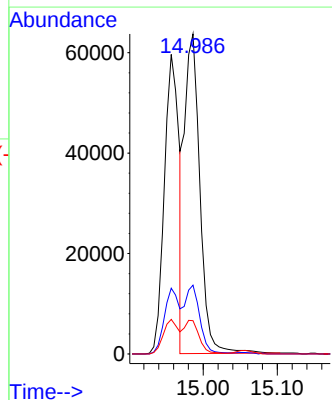
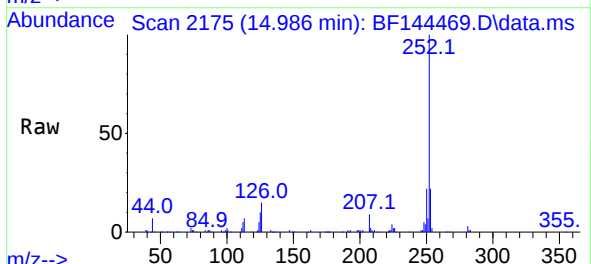
Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

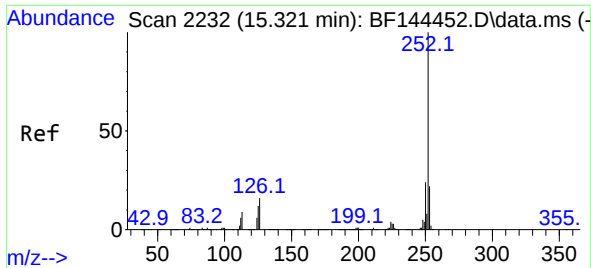
Tgt Ion:252 Resp: 82153
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.6 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 2.493 ng
RT: 14.986 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF144469.D
Acq: 15 Dec 2025 12:43

Tgt Ion:252 Resp: 92010
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.4 9.7 14.5





#90
 Benzo(a)pyrene
 Concen: 2.113 ng
 RT: 15.310 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144469.D
 Acq: 15 Dec 2025 12:43

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:252	Resp:	72097
Ion Ratio	Lower	Upper
252	100	
253	21.2	17.4 26.2
125	11.9	9.9 14.9

