

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144472.D
 Acq On : 15 Dec 2025 14:11
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-2.5NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Dec 15 14:31:12 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	216386	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	843746	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	450543	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	753343	20.000	ng	0.00
76) Chrysene-d12	13.939	240	604398	20.000	ng	0.00
86) Perylene-d12	15.374	264	456450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1625654	113.278	ng	0.00
7) Phenol-d6	6.416	99	2028762	113.337	ng	0.00
23) Nitrobenzene-d5	7.351	82	1130738	83.863	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	535226	131.397	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2034124	69.261	ng	0.00
79) Terphenyl-d14	12.892	244	2201433	57.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.499	88	15373	2.228	ng	97
3) Pyridine	3.299	79	38561	2.032	ng	97
4) n-Nitrosodimethylamine	3.163	42	16496	2.000	ng	# 96
6) Aniline	6.451	93	53560	2.145	ng	100
8) 2-Chlorophenol	6.575	128	36458	2.370	ng	93
9) Benzaldehyde	6.340	77	28937	2.065	ng	98
10) Phenol	6.428	94	47999	2.272	ng	# 42
11) bis(2-Chloroethyl)ether	6.528	93	36245	2.347	ng	100
12) 1,3-Dichlorobenzene	6.734	146	39925	2.402	ng	99
13) 1,4-Dichlorobenzene	6.810	146	39629	2.376	ng	99
14) 1,2-Dichlorobenzene	6.963	146	38685	2.442	ng	98
15) Benzyl Alcohol	6.928	79	28392	2.152	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	55003	2.111	ng	98
18) Hexachloroethane	7.304	117	12435	2.146	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	24733	2.187	ng	99
20) 3+4-Methylphenols	7.187	107	33663	2.112	ng	93
22) Acetophenone	7.198	105	51390	2.456	ng	# 94
24) Nitrobenzene	7.369	77	40233	2.751	ng	98
25) Isophorone	7.604	82	65287	2.146	ng	99
26) 2-Nitrophenol	7.687	139	11349	5.545	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	41770	2.228	ng	98
29) 2,4-Dichlorophenol	7.922	162	25558	2.119	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	32624	2.493	ng	99
31) Naphthalene	8.093	128	110614	2.436	ng	99
32) Benzoic acid	7.751	122	8407	7.344	ng	97
33) 4-Chloroaniline	8.140	127	39764	2.179	ng	99
34) Hexachlorobutadiene	8.216	225	17896	2.212	ng	96
37) 2-Methylnaphthalene	8.787	142	62603	2.095	ng	97
38) 1-Methylnaphthalene	8.887	142	66478	2.285	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	32977	2.572	ng	96
43) 2,4,6-Trichlorophenol	9.057	196	17102	2.100	ng	98
44) 2,4,5-Trichlorophenol	9.092	196	17952	2.101	ng	98
46) 1,1'-Biphenyl	9.251	154	91493	2.599	ng	98
47) 2-Chloronaphthalene	9.275	162	65063	2.421	ng	97
48) 2-Nitroaniline	9.363	65	11950	5.066	ng	98
49) Acenaphthylene	9.687	152	97284	2.284	ng	99

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 Misc : LOQ-SOIL-2.5NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

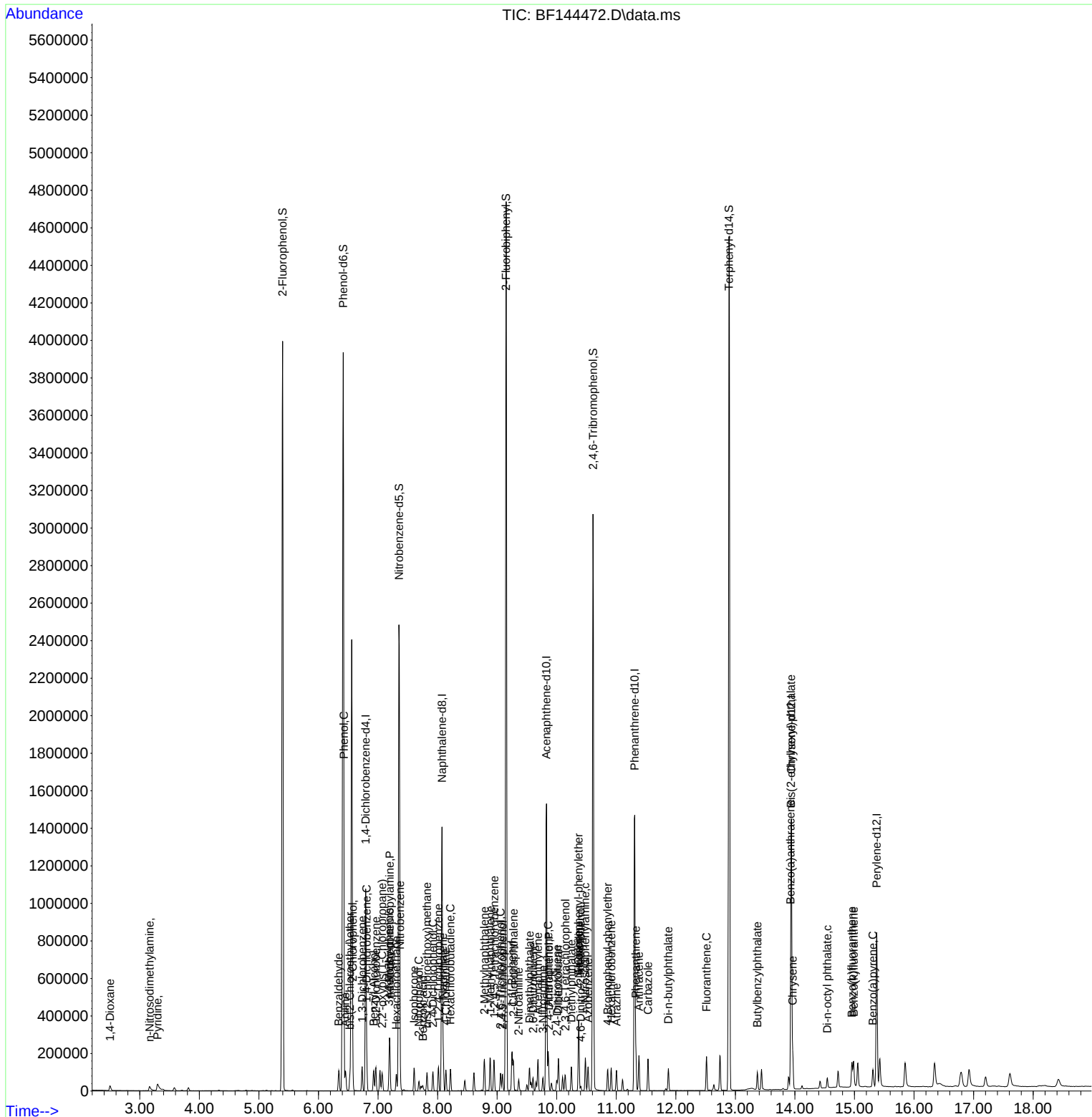
Quant Time: Dec 15 14:31:12 2025
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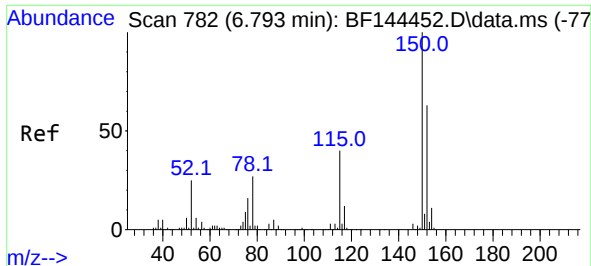
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Dimethylphthalate	9.545	163	68859	2.263	ng	100
51) 2,6-Dinitrotoluene	9.604	165	10619	5.657	ng	95
52) Acenaphthene	9.857	154	64636	2.434	ng	98
53) 3-Nitroaniline	9.769	138	13299	4.833	ng	# 99
54) 2,4-Dinitrophenol	9.869	184	2177	7.698	ng	# 1
55) Dibenzofuran	10.028	168	92818	2.457	ng	97
57) 2,4-Dinitrotoluene	10.004	165	11794	5.311	ng	98
58) Fluorene	10.369	166	71544	2.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	15089	2.326	ng	# 97
60) Diethylphthalate	10.245	149	62350	2.162	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	34883	2.485	ng	95
62) 4-Nitroaniline	10.375	138	11336	4.110	ng	90
63) Azobenzene	10.528	77	65838	2.160	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	3733	7.810	ng	82
66) n-Nitrosodiphenylamine	10.481	169	59176	2.292	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	19777	2.249	ng	96
68) Hexachlorobenzene	10.916	284	22372	2.304	ng	97
69) Atrazine	11.004	200	16608	2.054	ng	98
71) Phenanthrene	11.328	178	108922	2.508	ng	97
72) Anthracene	11.381	178	100206	2.280	ng	98
73) Carbazole	11.534	167	90612	2.374	ng	98
74) Di-n-butylphthalate	11.875	149	82083	2.012	ng	98
75) Fluoranthene	12.516	202	101105	2.357	ng	98
80) Butylbenzylphthalate	13.369	149	26692	4.616	ng	100
81) Benzo(a)anthracene	13.927	228	89398	2.100	ng	99
83) Chrysene	13.963	228	90012	2.311	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	32812	4.352	ng	99
85) Di-n-octyl phthalate	14.545	149	34085	7.400	ng	# 100
88) Benzo(b)fluoranthene	14.957	252	65547	2.187	ng	99
89) Benzo(k)fluoranthene	14.986	252	70102	2.474	ng	99
90) Benzo(a)pyrene	15.310	252	56499	2.157	ng	100

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

Instrument :
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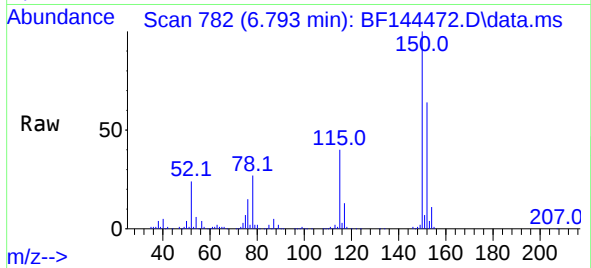
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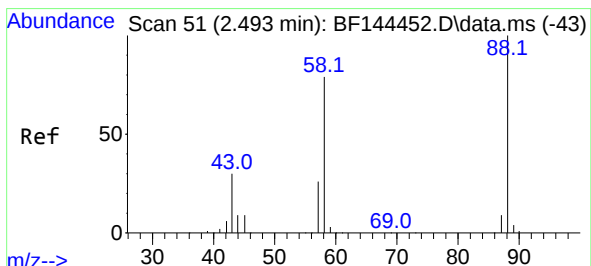
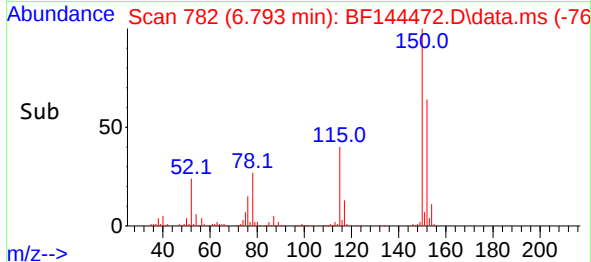
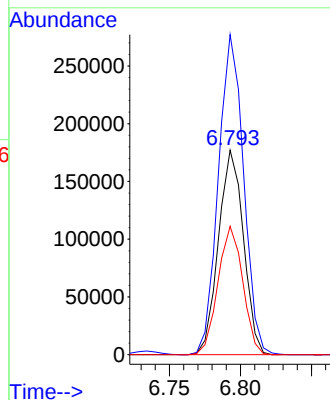


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

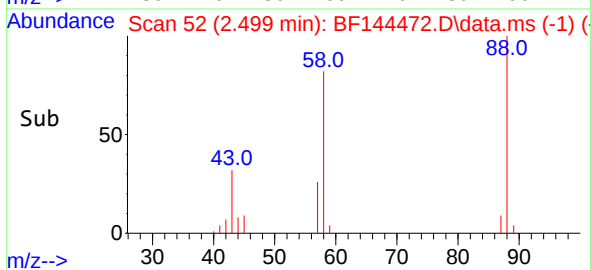
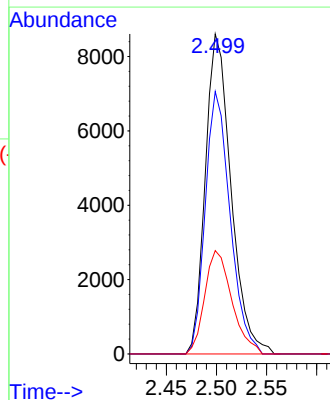
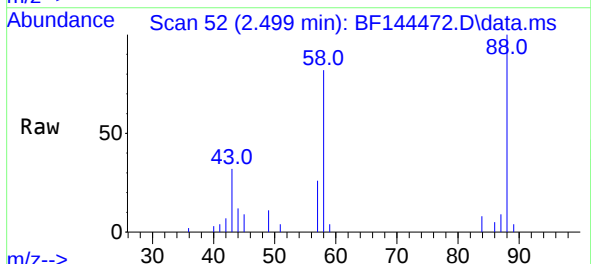


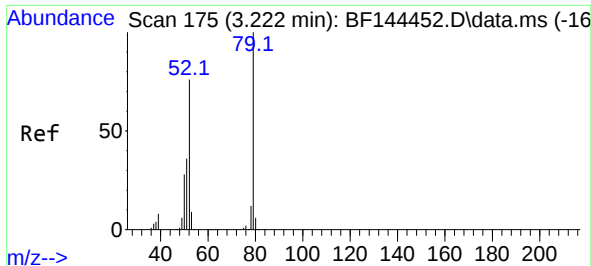
Tgt Ion:152 Resp: 216386
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.2
115 62.7 51.4 77.0



#2
1,4-Dioxane
Concen: 2.228 ng
RT: 2.499 min Scan# 52
Delta R.T. 0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 88 Resp: 15373
Ion Ratio Lower Upper
88 100
58 79.1 63.9 95.9
43 34.2 24.2 36.4

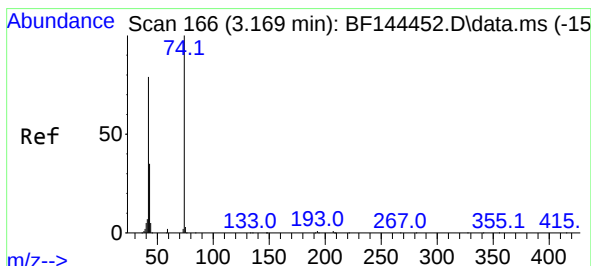
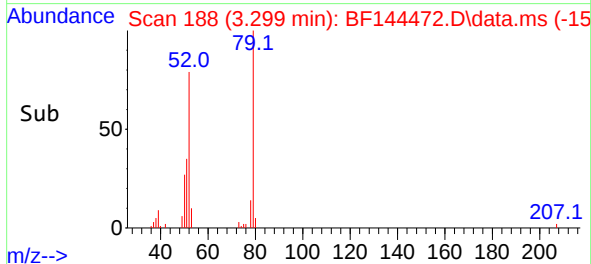
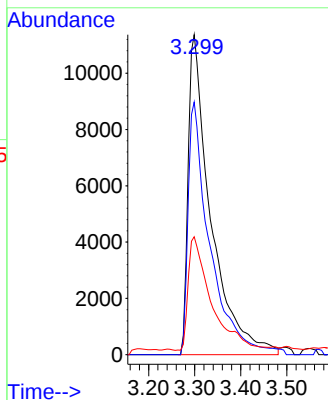
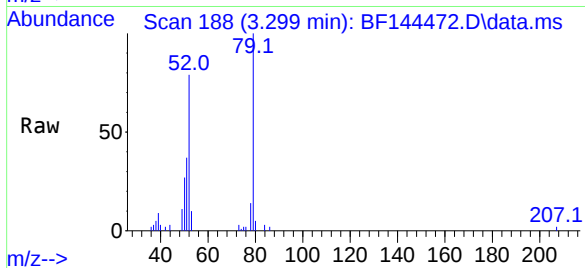




#3
Pyridine
Concen: 2.032 ng
RT: 3.299 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

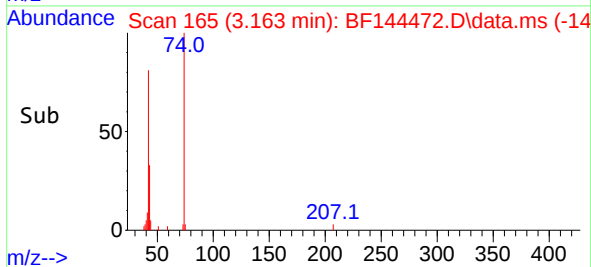
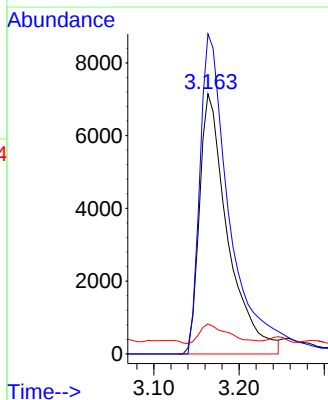
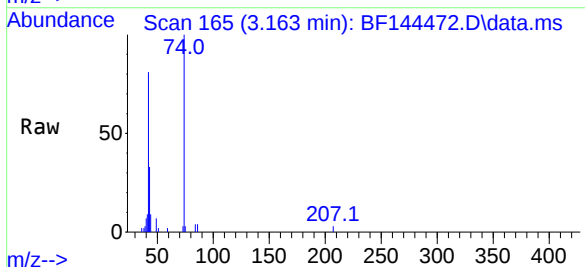
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ClientSampleId :
LOQ-SOIL-02-QT4-2025

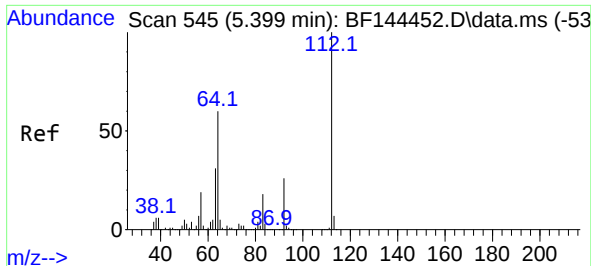
Tgt Ion: 79 Resp: 38561
Ion Ratio Lower Upper
79 100
52 78.9 60.5 90.7
51 36.8 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 2.000 ng
RT: 3.163 min Scan# 165
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 42 Resp: 16496
Ion Ratio Lower Upper
42 100
74 123.0 101.8 152.8
44 11.6 5.7 8.5#

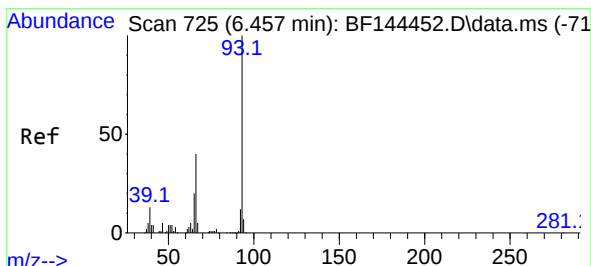
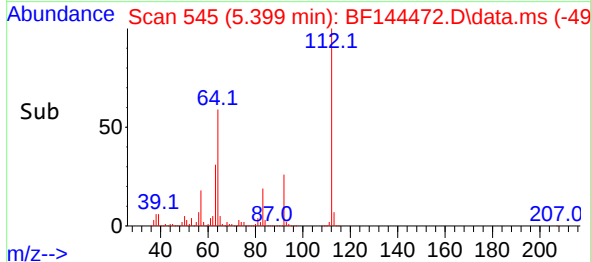
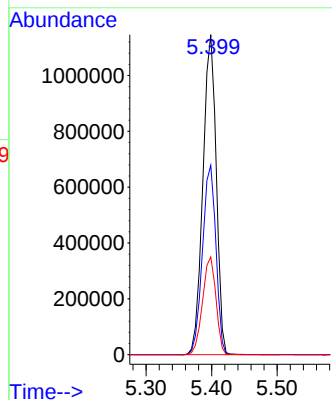
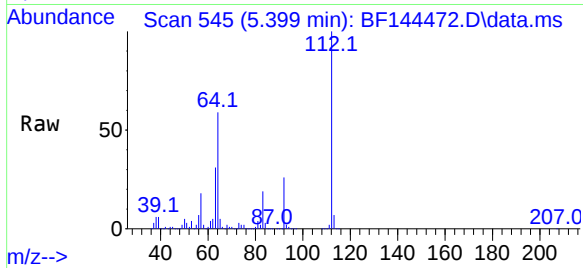




#5
2-Fluorophenol
Concen: 113.278 ng
RT: 5.399 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

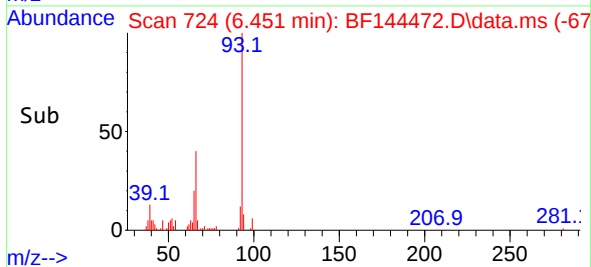
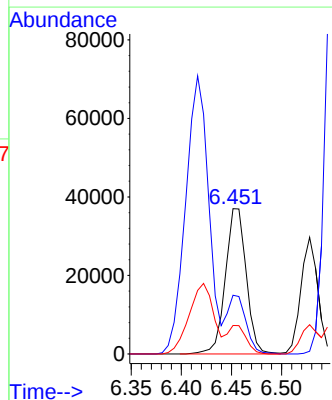
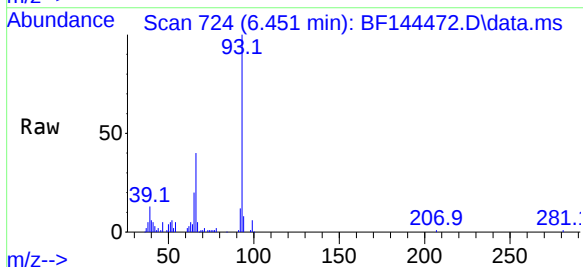
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

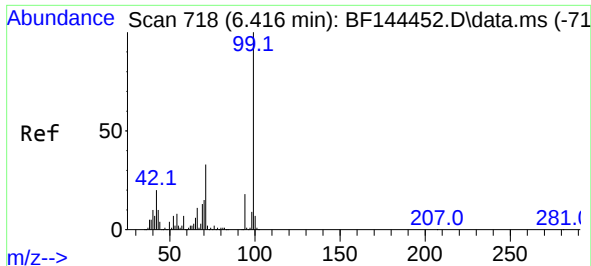
Tgt Ion:112 Resp: 1625654
Ion Ratio Lower Upper
112 100
64 59.2 47.8 71.6
63 30.5 24.6 37.0



#6
Aniline
Concen: 2.145 ng
RT: 6.451 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 93 Resp: 53560
Ion Ratio Lower Upper
93 100
66 40.4 32.4 48.6
65 19.6 16.1 24.1



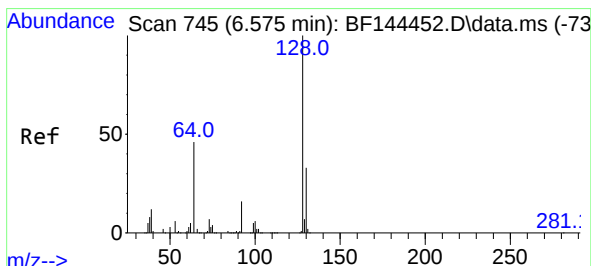
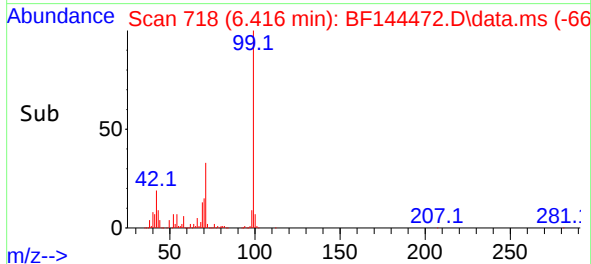
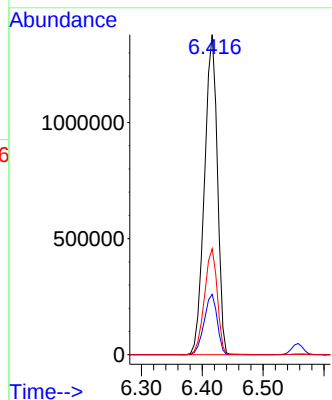
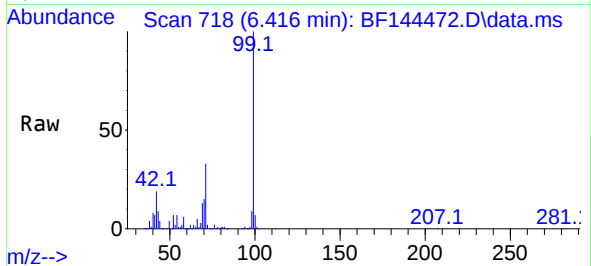


#7
Phenol-d6
Concen: 113.337 ng
RT: 6.416 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion: 99 Resp: 2028762

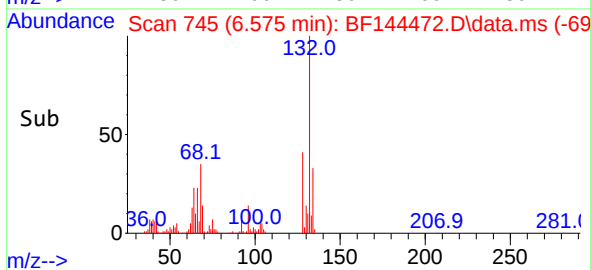
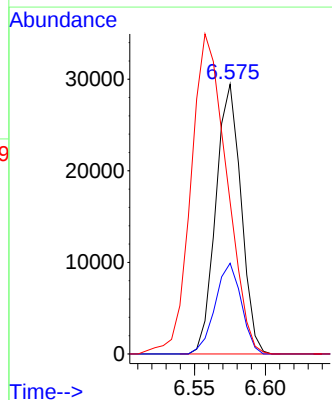
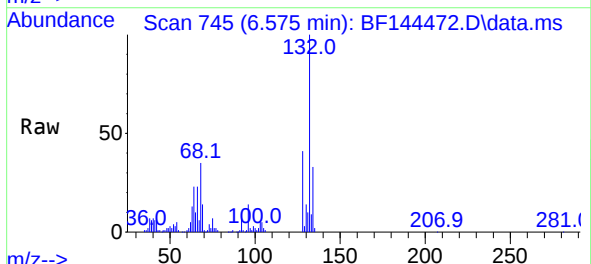
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.7	23.5
71	33.1	26.4	39.6

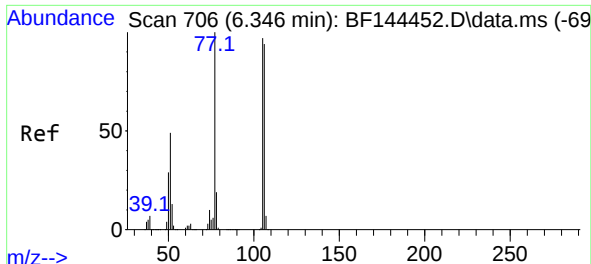


#8
2-Chlorophenol
Concen: 2.370 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:128 Resp: 36458

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.0	53.0
64	56.3	28.9	68.9

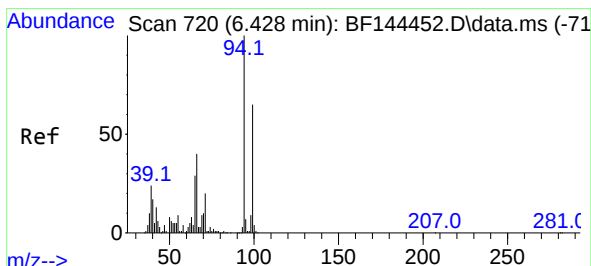
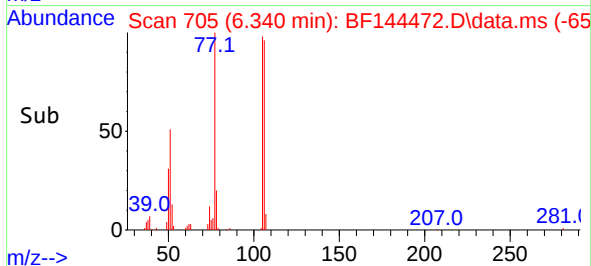
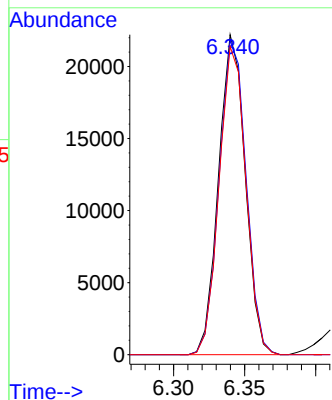
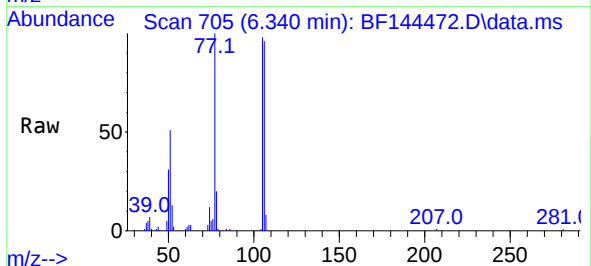




#9
Benzaldehyde
Concen: 2.065 ng
RT: 6.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

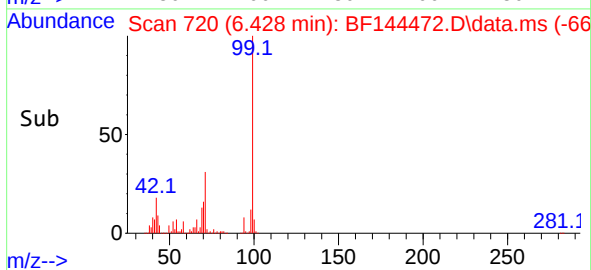
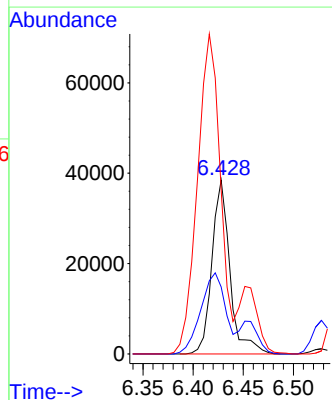
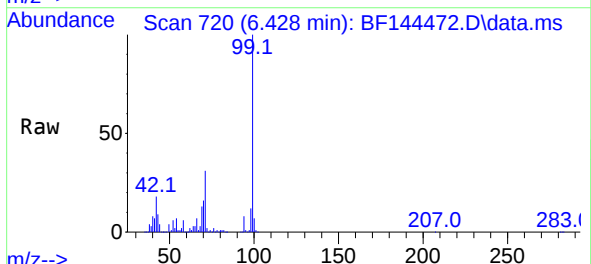
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

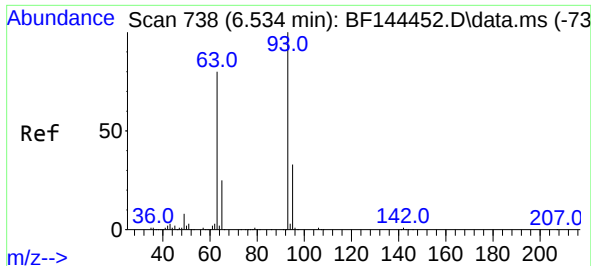
Tgt Ion: 77 Resp: 28937
Ion Ratio Lower Upper
77 100
105 98.3 77.0 117.0
106 96.3 74.1 114.1



#10
Phenol
Concen: 2.272 ng
RT: 6.428 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 94 Resp: 47999
Ion Ratio Lower Upper
94 100
65 38.5 9.1 49.1
66 94.3 20.3 60.3#

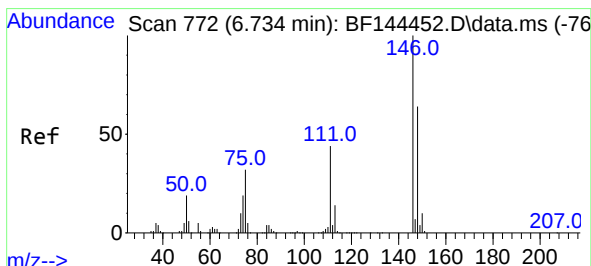
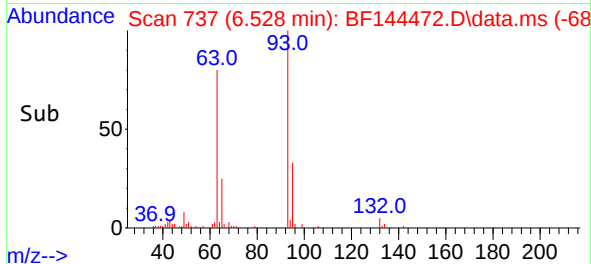
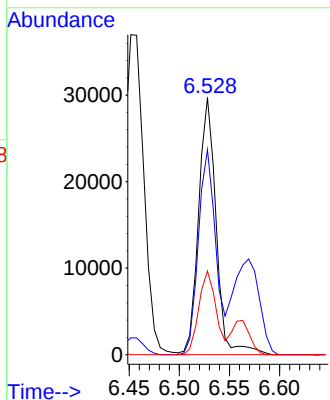
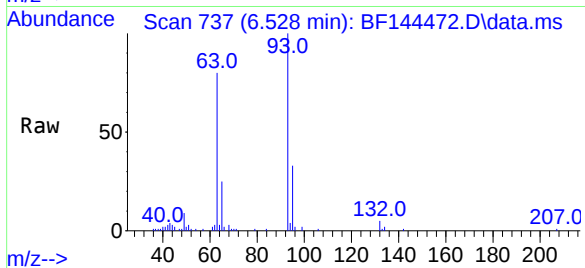




#11
bis(2-Chloroethyl)ether
Concen: 2.347 ng
RT: 6.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

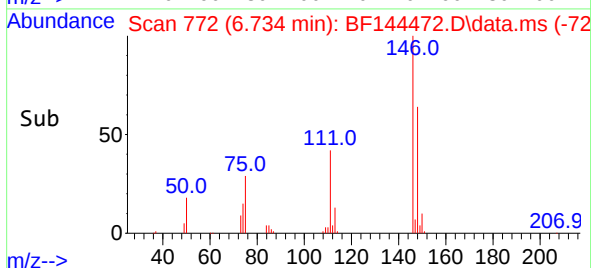
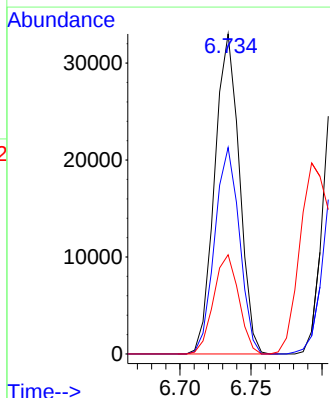
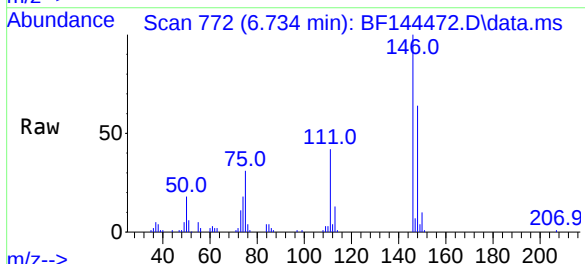
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

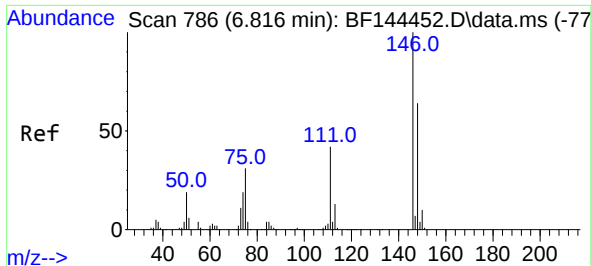
Tgt Ion:	93	Resp:	36245
Ion	Ratio	Lower	Upper
93	100		
63	79.7	59.8	99.8
95	32.5	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 2.402 ng
RT: 6.734 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:	146	Resp:	39925
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
75	31.0	25.8	38.8

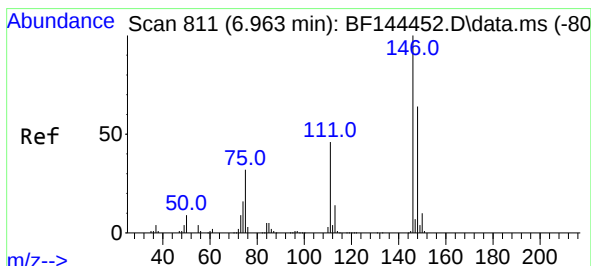
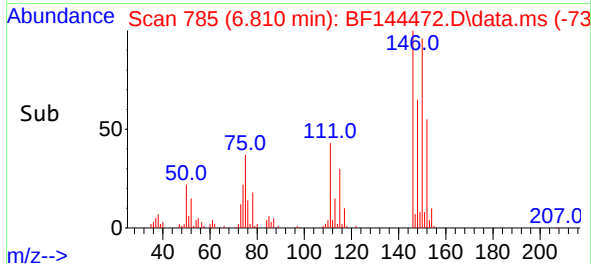
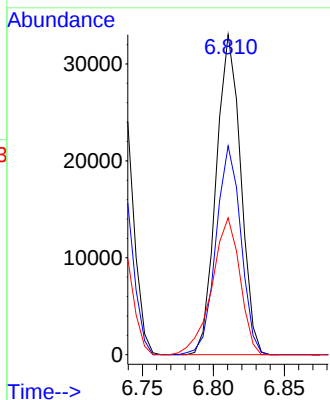
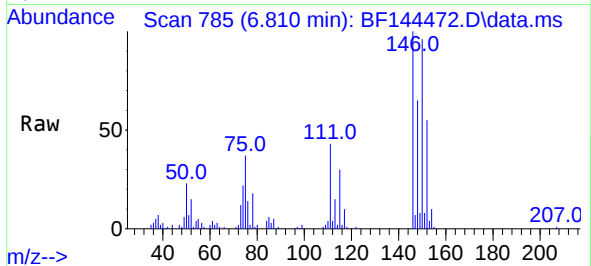




#13
1,4-Dichlorobenzene
Concen: 2.376 ng
RT: 6.810 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

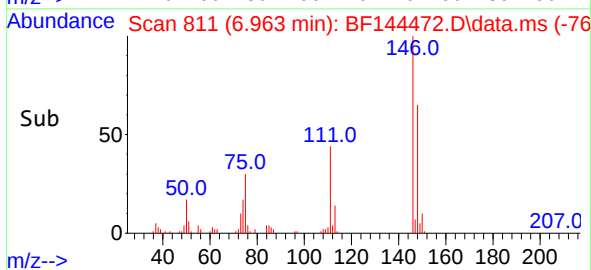
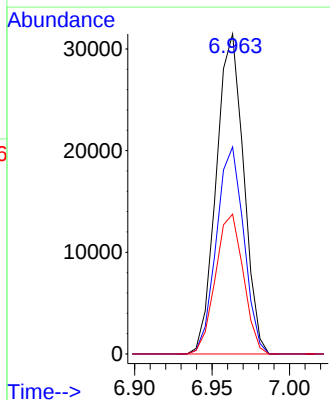
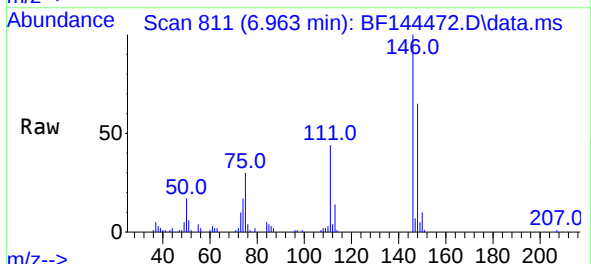
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

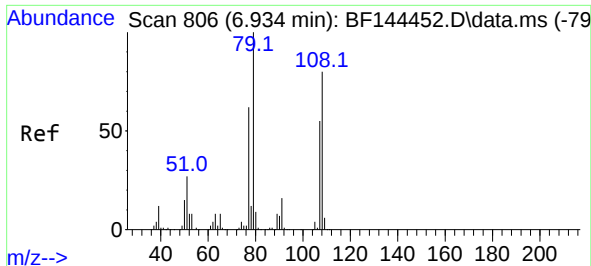
Tgt Ion:146 Resp: 39629
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
111 42.7 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 2.442 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:146 Resp: 38685
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
111 43.7 36.5 54.7



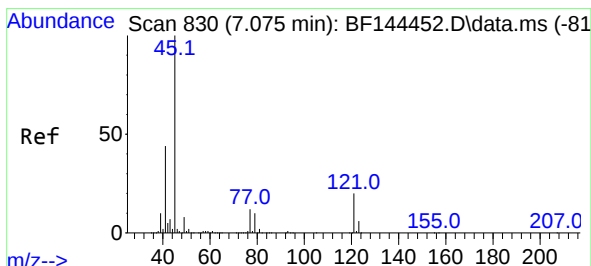
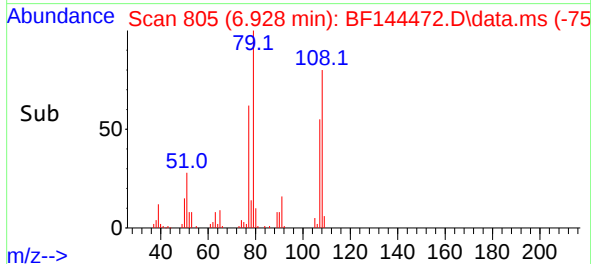
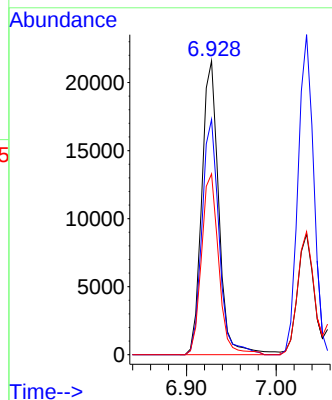
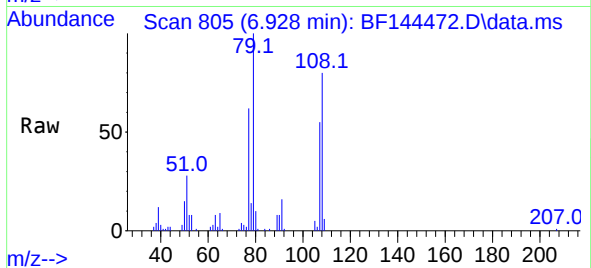


#15
Benzyl Alcohol
Concen: 2.152 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion: 79 Resp: 28392

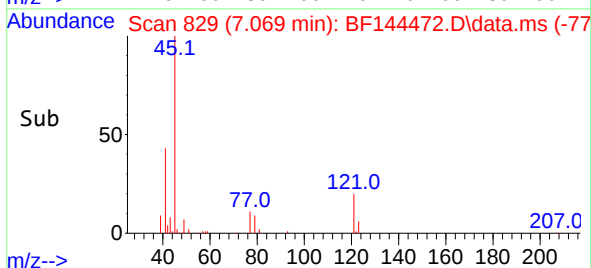
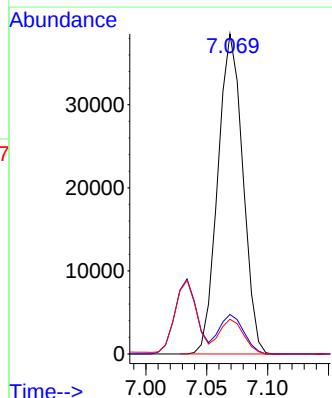
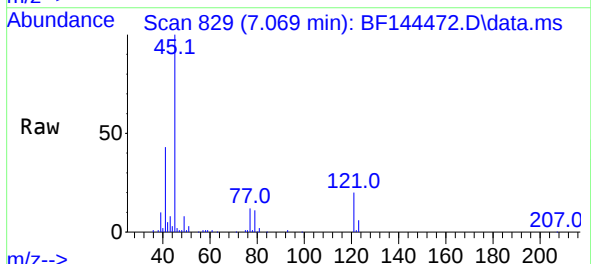
Ion	Ratio	Lower	Upper
79	100		
108	80.1	63.7	95.5
77	61.6	49.3	73.9

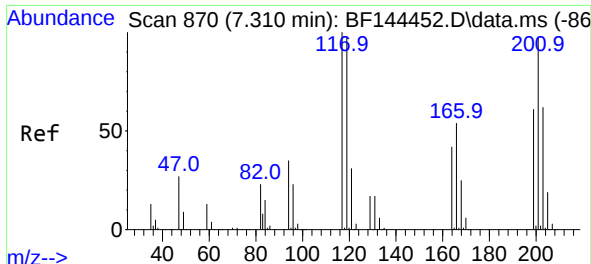


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.111 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 45 Resp: 55003

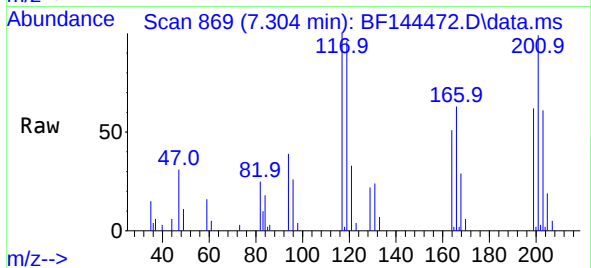
Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	32.6
79	10.8	0.0	29.9



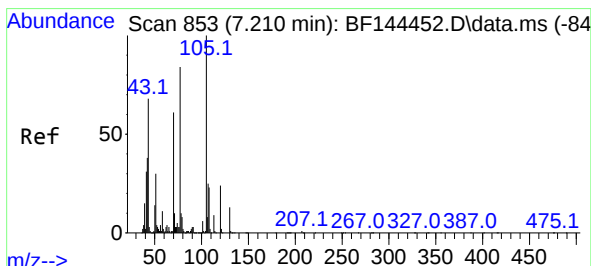
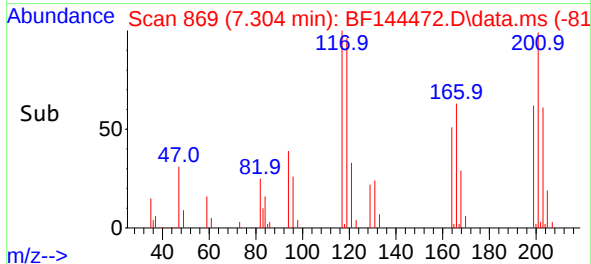
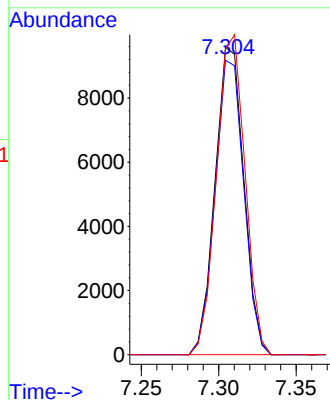


#18
Hexachloroethane
Concen: 2.146 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

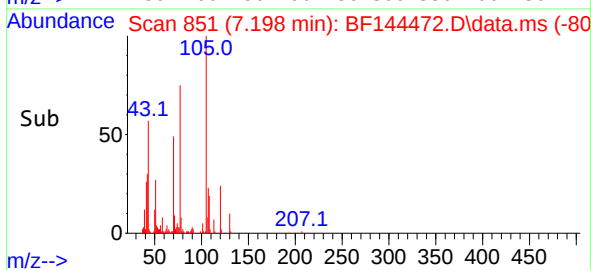
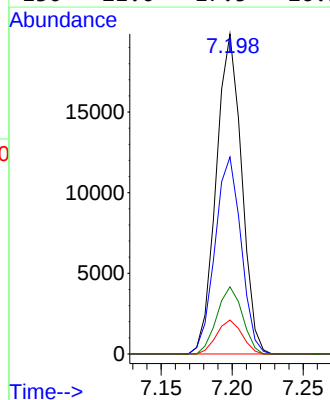
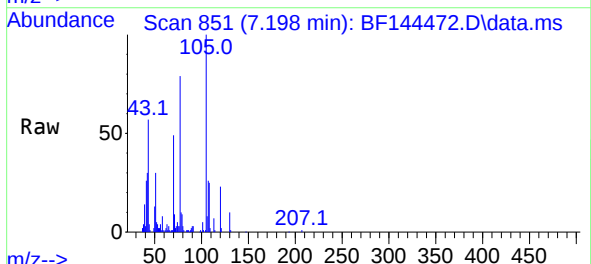


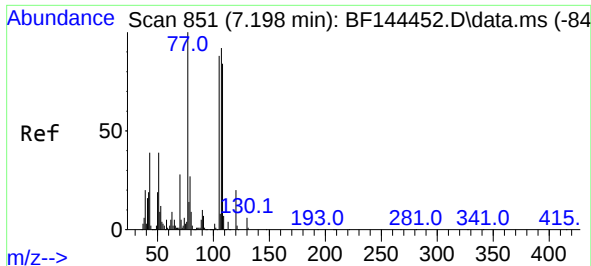
Tgt Ion:117 Resp: 12435
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
201 99.4 77.3 115.9



#19
n-Nitroso-di-n-propylamine
Concen: 2.187 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

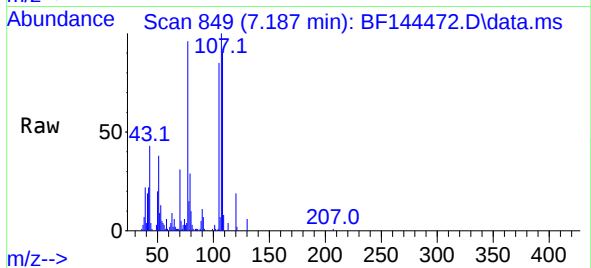
Tgt Ion: 70 Resp: 24733
Ion Ratio Lower Upper
70 100
42 61.5 49.4 74.0
101 10.6 7.8 11.6
130 21.0 17.5 26.3





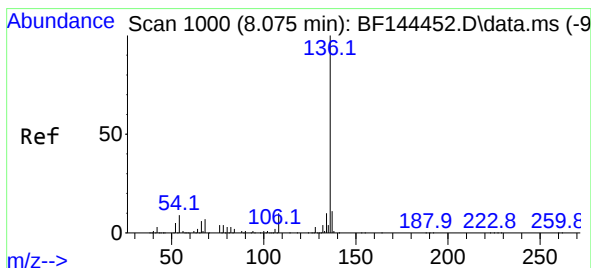
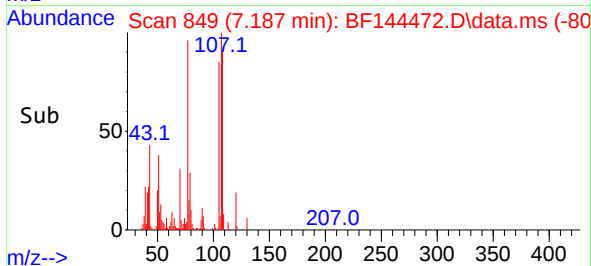
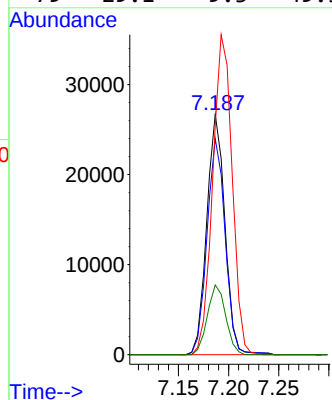
#20
3+4-Methylphenols
Concen: 2.112 ng
RT: 7.187 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion:107 Resp: 33663

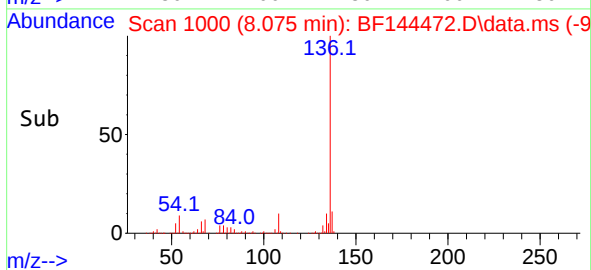
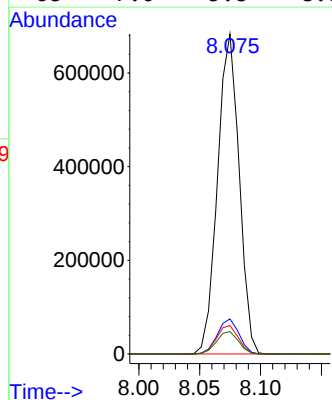
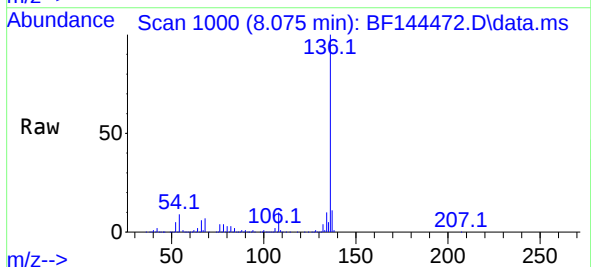
Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.5	111.5
77	95.5	88.5	128.5
79	29.1	9.3	49.3

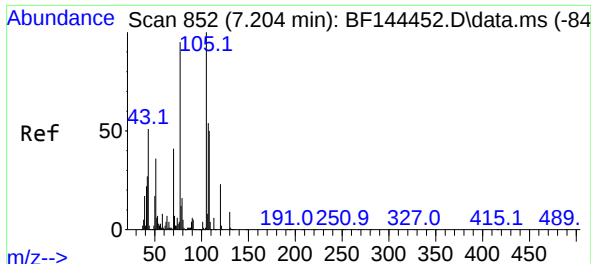


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:136 Resp: 843746

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.9	7.5	11.3
68	7.0	5.8	8.8

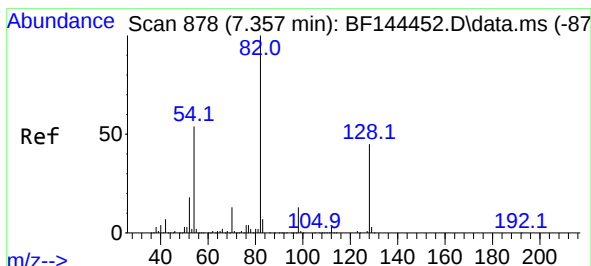
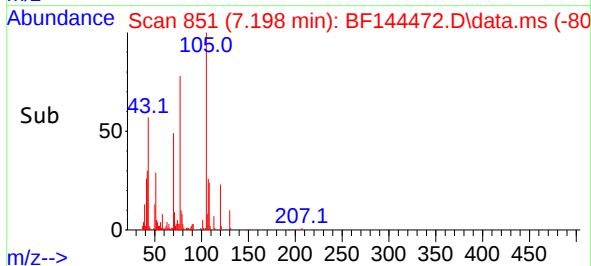
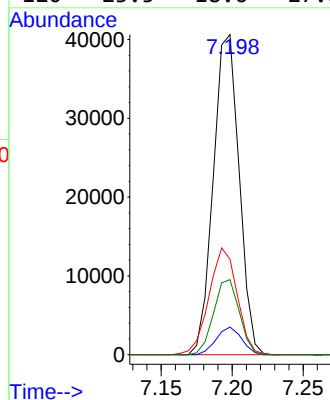
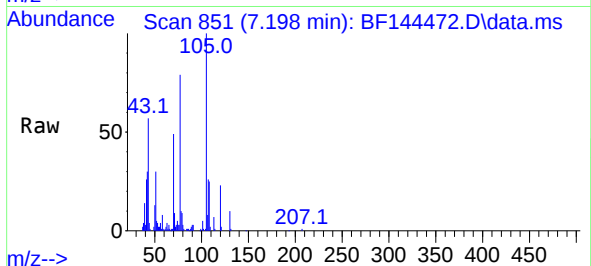




#22
Acetophenone
Concen: 2.456 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

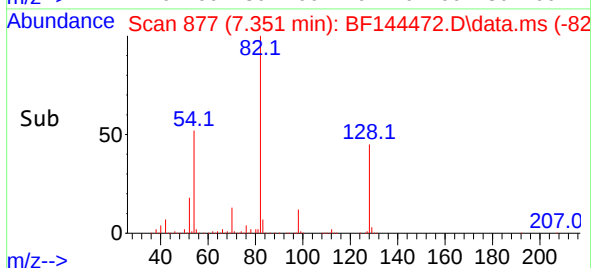
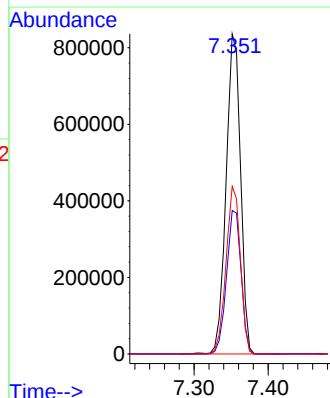
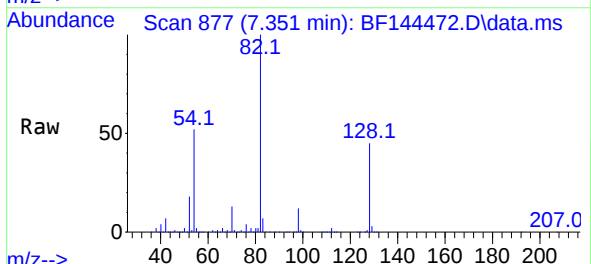
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

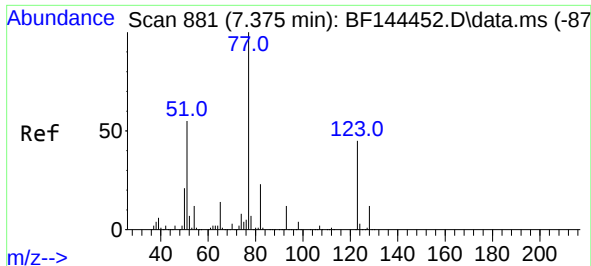
Tgt Ion:105 Resp: 51390
Ion Ratio Lower Upper
105 100
71 8.7 5.6 8.4#
51 29.9 28.6 42.8
120 23.5 18.6 27.8



#23
Nitrobenzene-d5
Concen: 83.863 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 82 Resp: 1130738
Ion Ratio Lower Upper
82 100
128 44.8 35.5 53.3
54 52.4 43.3 64.9

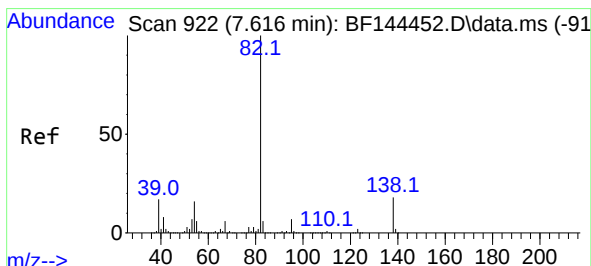
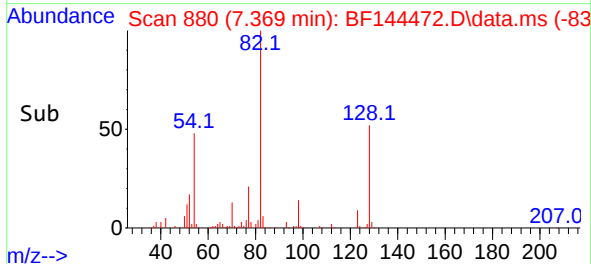
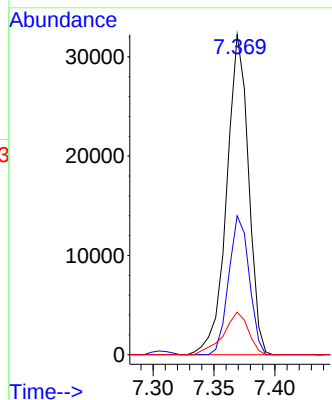
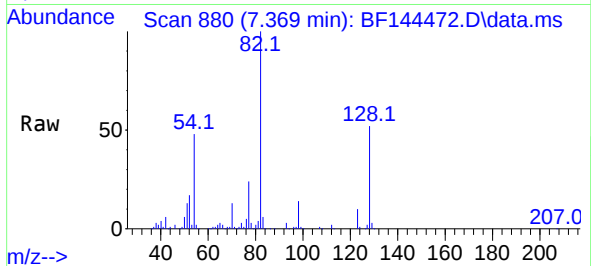




#24
Nitrobenzene
Concen: 2.751 ng
RT: 7.369 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

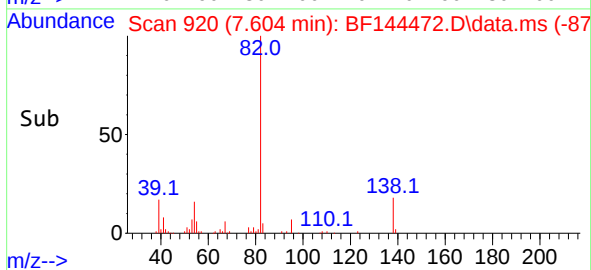
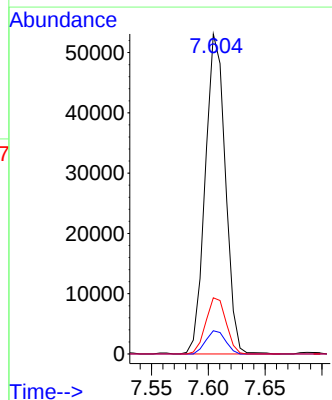
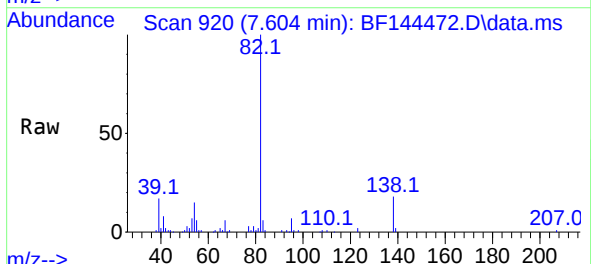
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

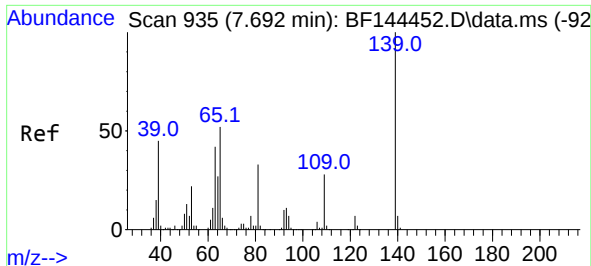
Tgt Ion: 77 Resp: 40233
Ion Ratio Lower Upper
77 100
123 43.4 36.2 54.2
65 13.3 11.0 16.6



#25
Isophorone
Concen: 2.146 ng
RT: 7.604 min Scan# 920
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 82 Resp: 65287
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 17.6 14.4 21.6

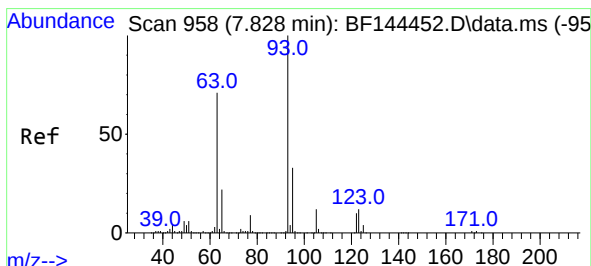
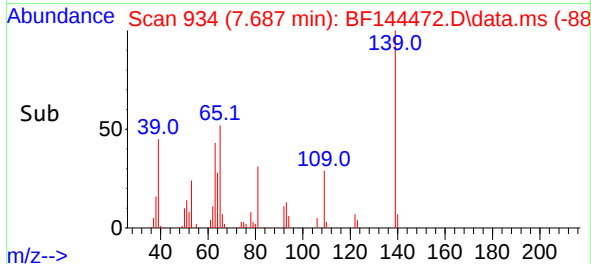
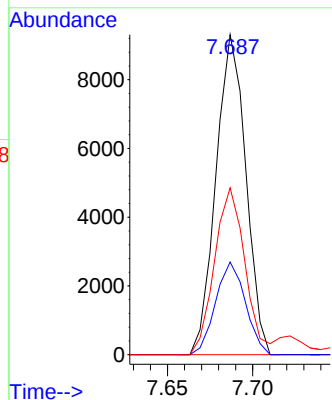
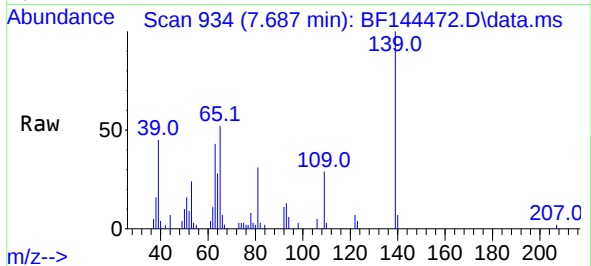




#26
2-Nitrophenol
Concen: 5.545 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.005 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

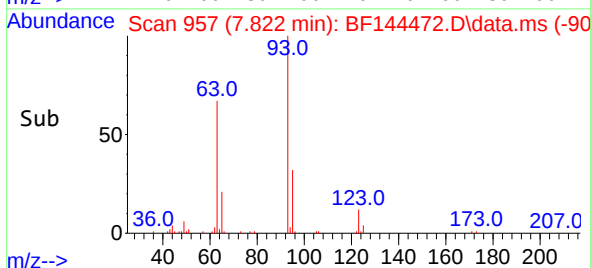
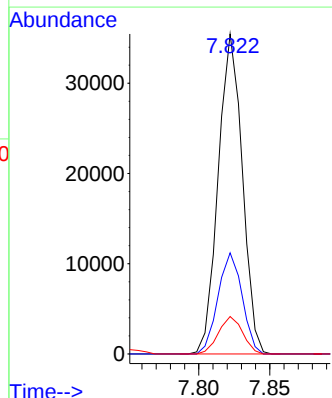
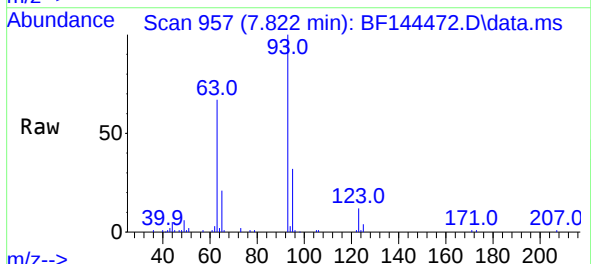
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

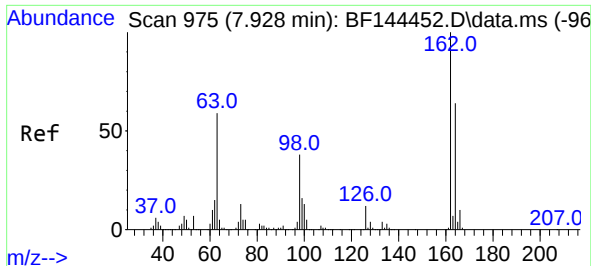
Tgt Ion:139	Resp:	11349
Ion	Ratio	Lower Upper
139	100	
109	28.9	22.1 33.1
65	52.1	41.5 62.3



#28
bis(2-Chloroethoxy)methane
Concen: 2.228 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 93	Resp:	41770
Ion	Ratio	Lower Upper
93	100	
95	31.6	26.2 39.2
123	11.7	10.2 15.4

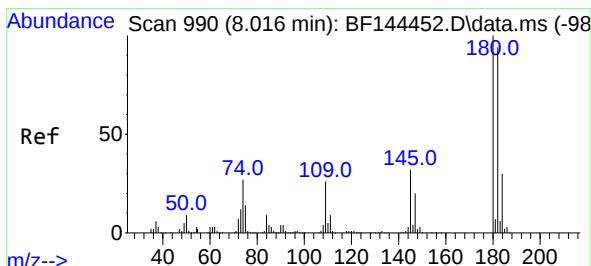
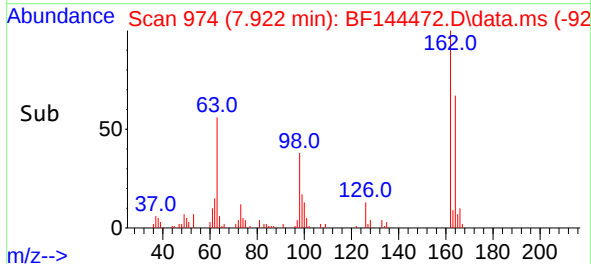
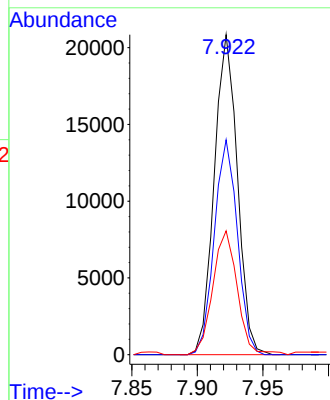
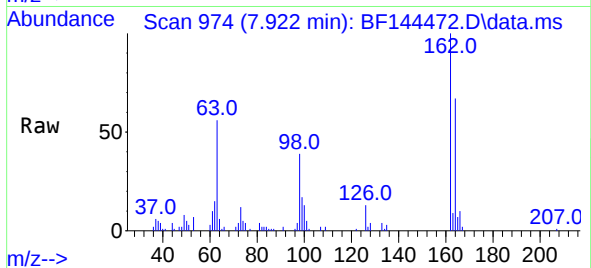




#29
2,4-Dichlorophenol
Concen: 2.119 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

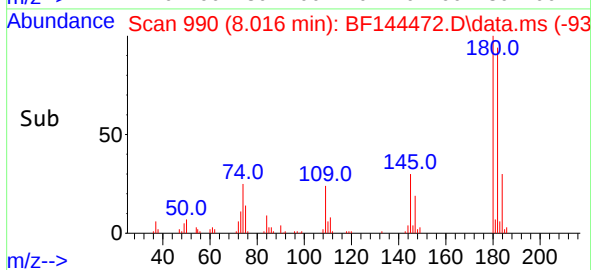
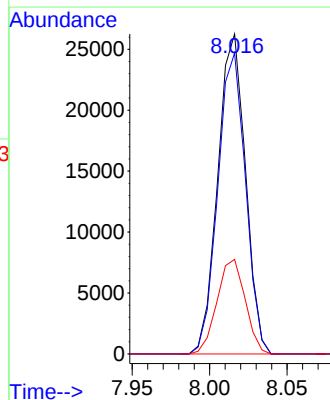
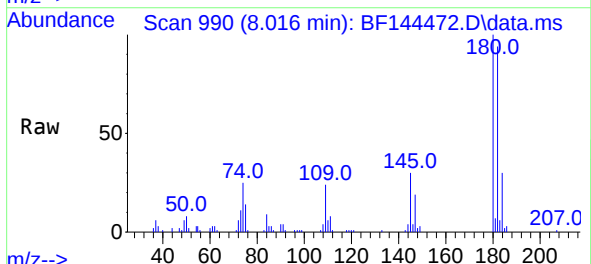
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

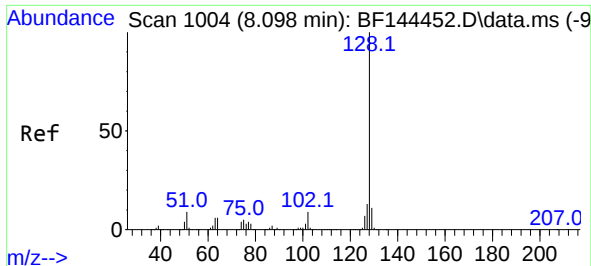
Tgt Ion:162	Resp:	25558
Ion	Ratio	Lower Upper
162	100	
164	67.2	44.2 84.2
98	38.7	17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 2.493 ng
RT: 8.016 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:180	Resp:	32624
Ion	Ratio	Lower Upper
180	100	
182	94.1	75.2 112.8
145	29.5	25.3 37.9

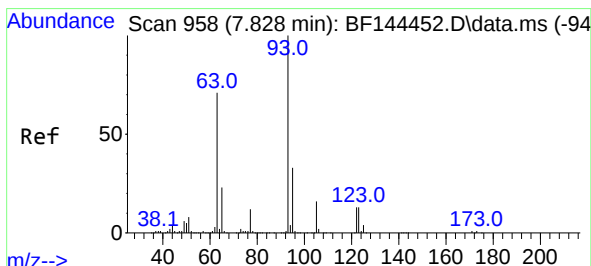
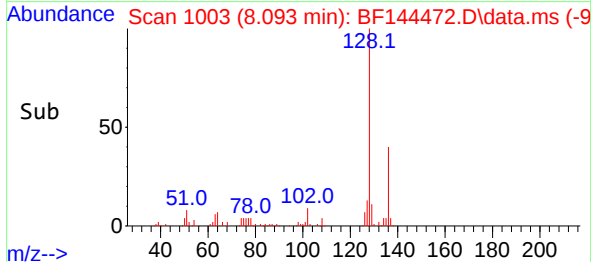
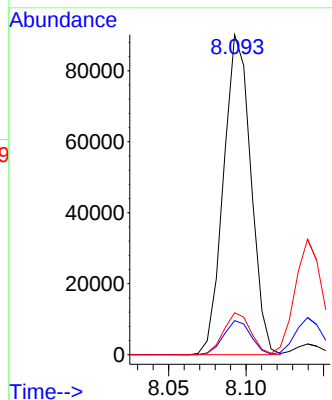
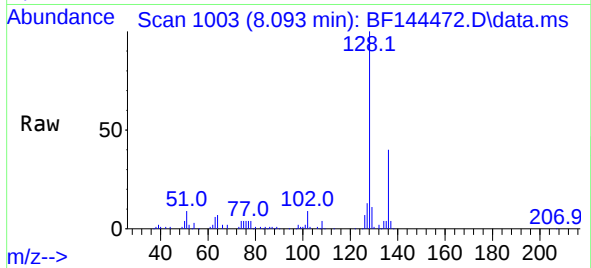




#31
Naphthalene
Concen: 2.436 ng
RT: 8.093 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

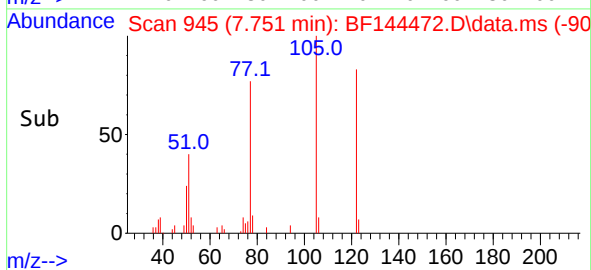
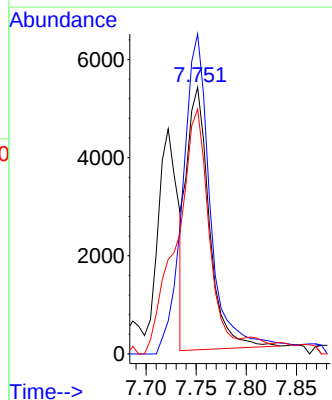
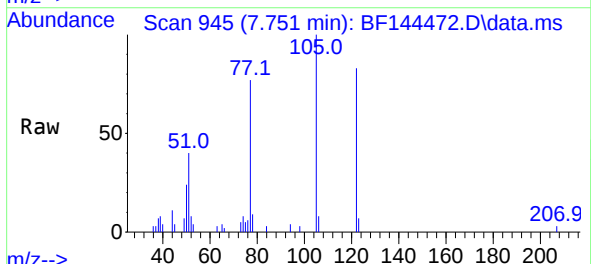
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

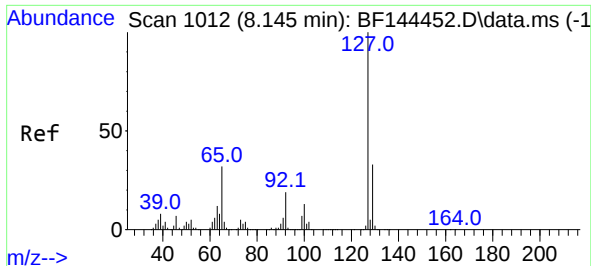
Tgt Ion:128 Resp: 110614
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 7.344 ng
RT: 7.751 min Scan# 945
Delta R.T. -0.077 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:122 Resp: 8407
Ion Ratio Lower Upper
122 100
105 119.9 103.2 143.2
77 91.8 75.1 115.1

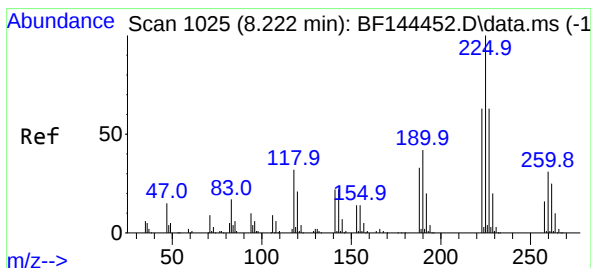
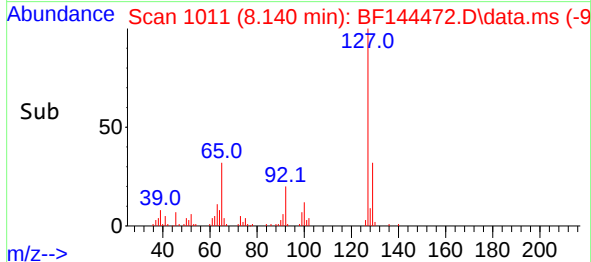
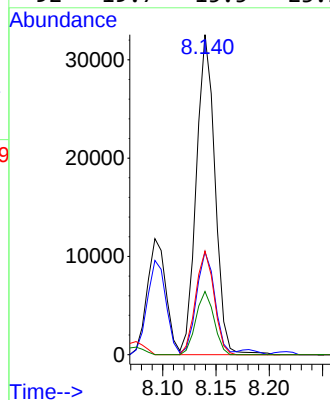
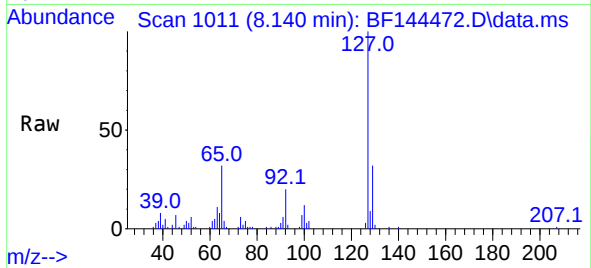




#33
4-Chloroaniline
Concen: 2.179 ng
RT: 8.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

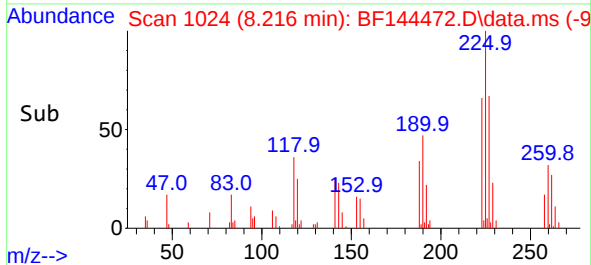
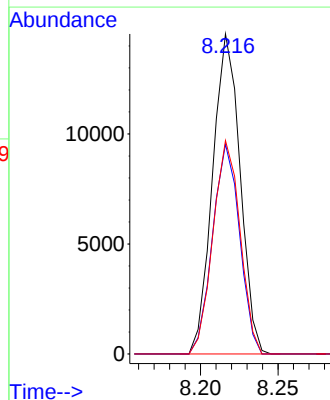
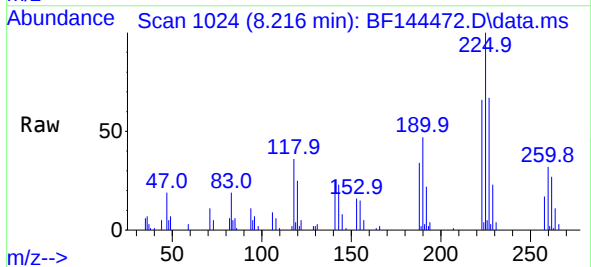
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

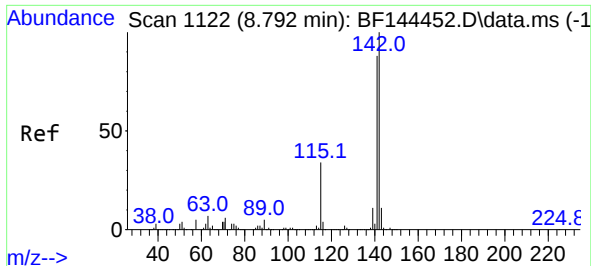
Tgt Ion:127	Resp:	39764
Ion	Ratio	Lower Upper
127	100	
129	32.2	26.2 39.4
65	32.3	25.8 38.8
92	19.7	15.5 23.3



#34
Hexachlorobutadiene
Concen: 2.212 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:225	Resp:	17896
Ion	Ratio	Lower Upper
225	100	
223	65.6	50.1 75.1
227	66.7	50.3 75.5





#37

2-Methylnaphthalene

Concen: 2.095 ng

RT: 8.787 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF144472.D

Acq: 15 Dec 2025 14:11

Instrument :

BNA_F

ClientSampleId :

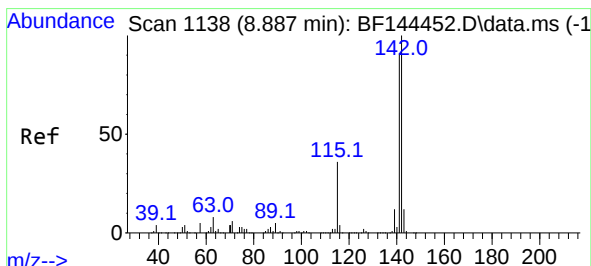
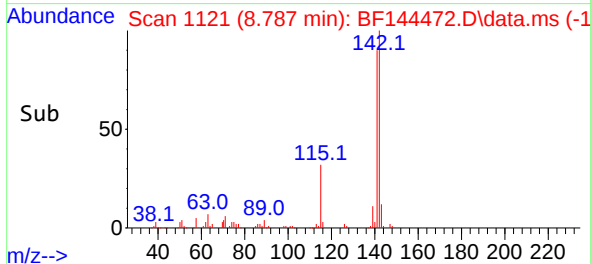
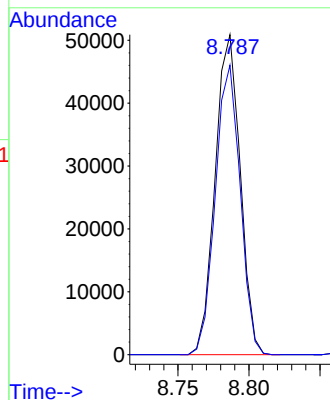
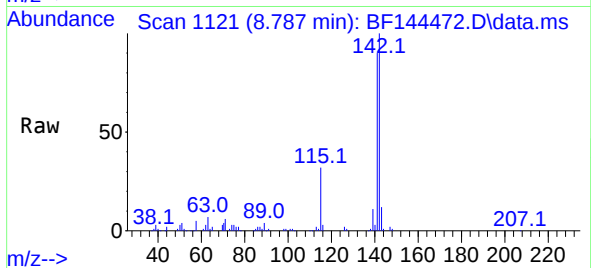
LOQ-SOIL-02-QT4-2025

Tgt Ion:142 Resp: 62603

Ion Ratio Lower Upper

142 100

141 90.4 70.0 105.0



#38

1-Methylnaphthalene

Concen: 2.285 ng

RT: 8.887 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF144472.D

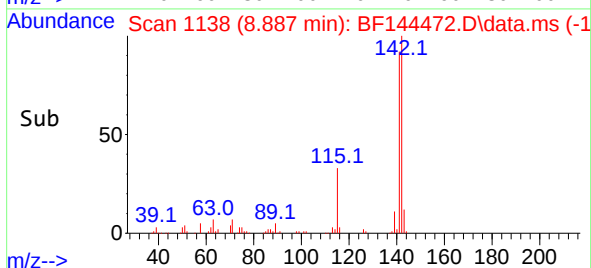
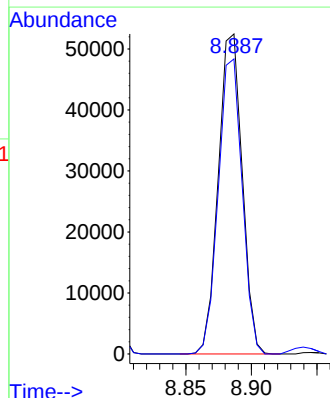
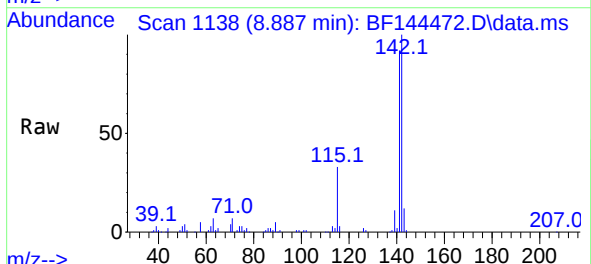
Acq: 15 Dec 2025 14:11

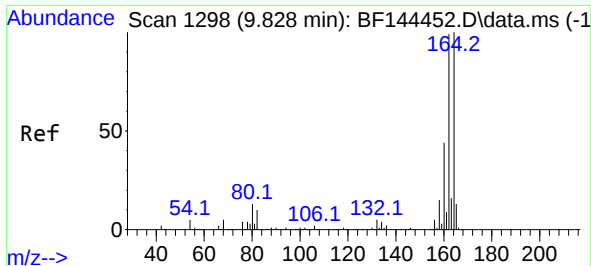
Tgt Ion:142 Resp: 66478

Ion Ratio Lower Upper

142 100

141 92.2 72.6 109.0

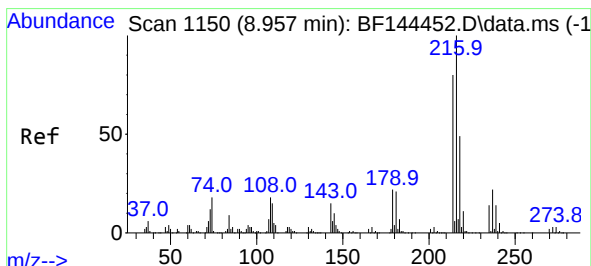
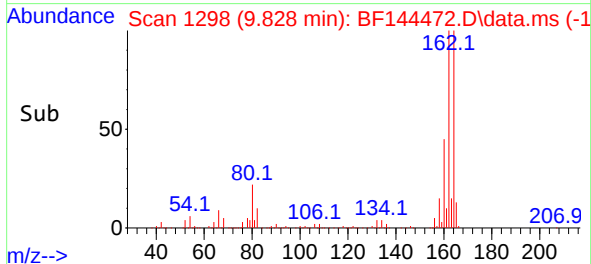
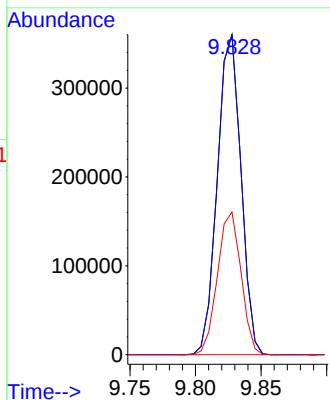
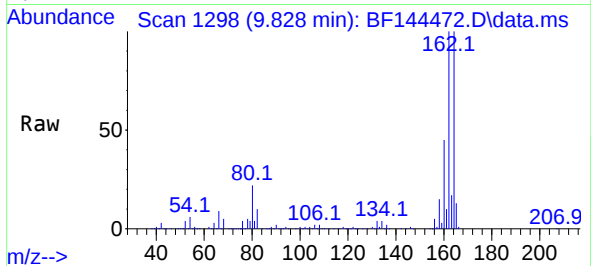




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

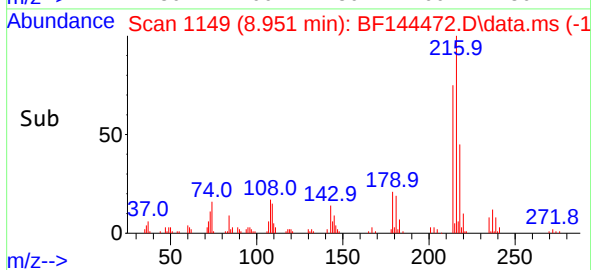
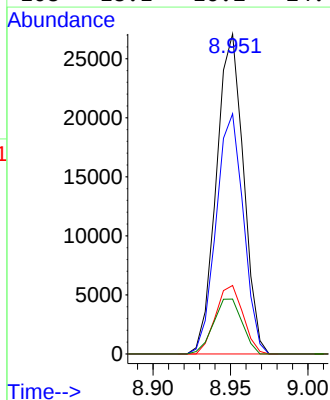
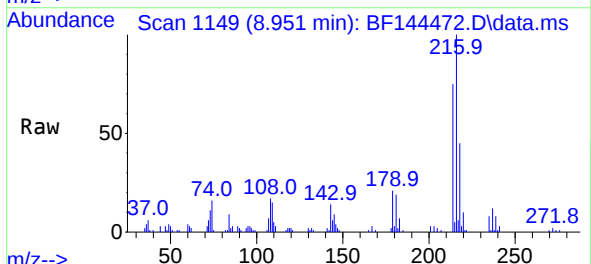
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

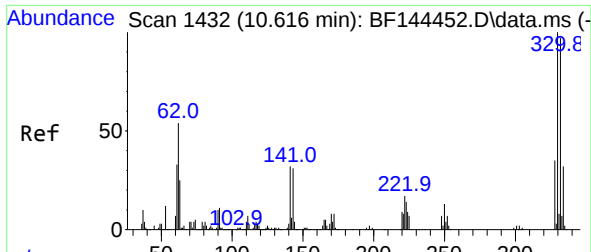
Tgt Ion:164 Resp: 450543
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 44.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.572 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:216 Resp: 32977
Ion Ratio Lower Upper
216 100
214 75.6 63.8 95.6
179 21.6 17.7 26.5
108 18.1 16.2 24.4





#42

2,4,6-Tribromophenol

Concen: 131.397 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144472.D

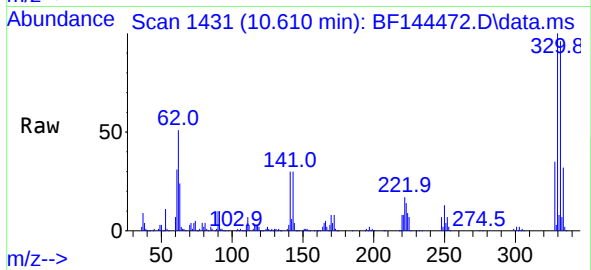
Acq: 15 Dec 2025 14:11

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2025



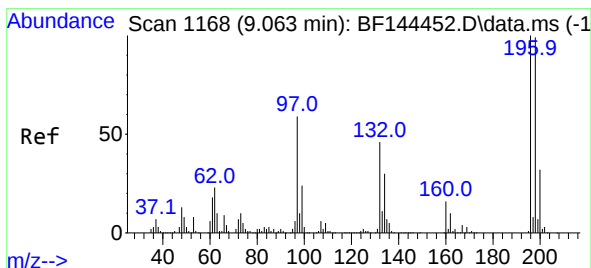
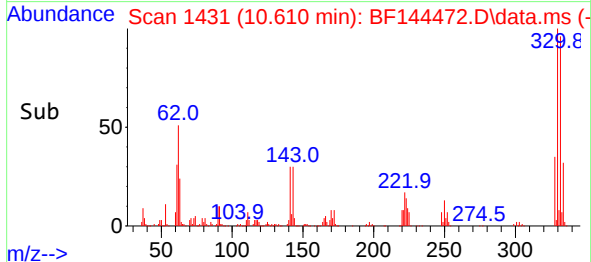
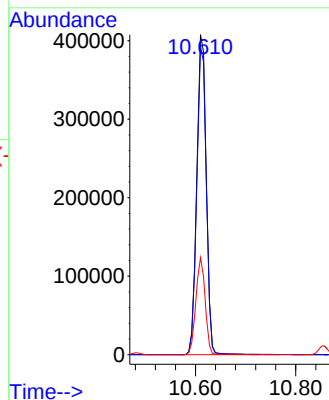
Tgt Ion:330 Resp: 535226

Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

141 29.7 26.2 39.2



#43

2,4,6-Trichlorophenol

Concen: 2.100 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF144472.D

Acq: 15 Dec 2025 14:11

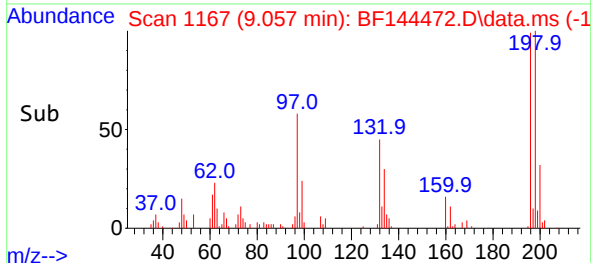
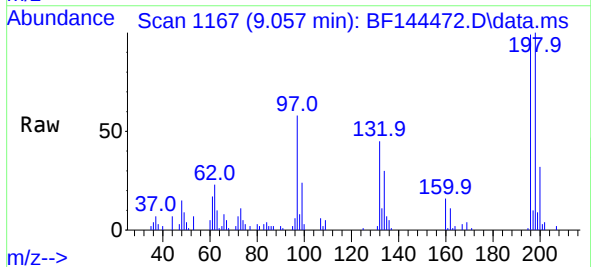
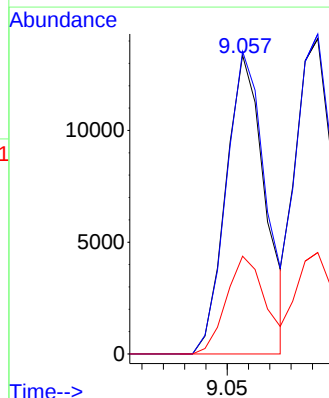
Tgt Ion:196 Resp: 17102

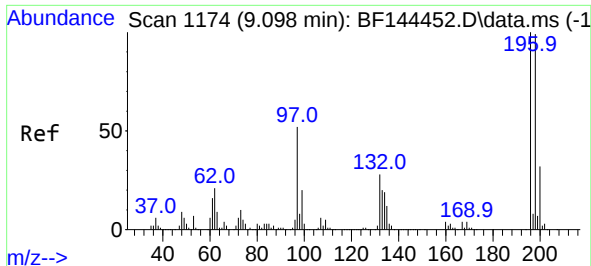
Ion Ratio Lower Upper

196 100

198 101.3 79.0 118.4

200 32.7 25.3 37.9

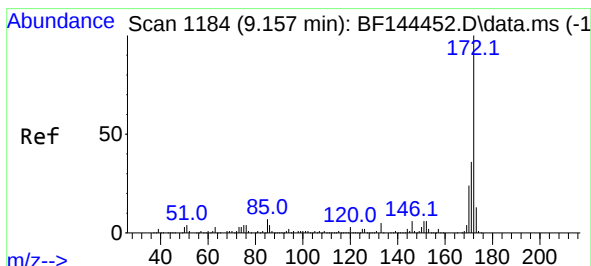
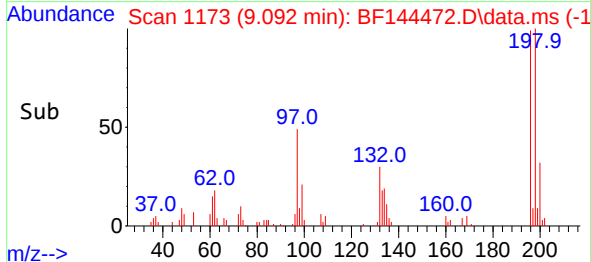
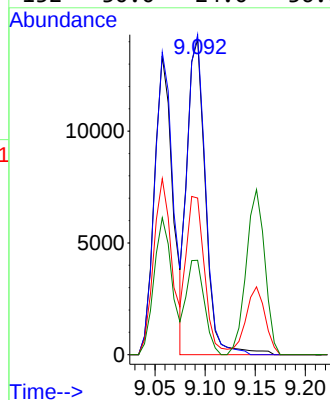
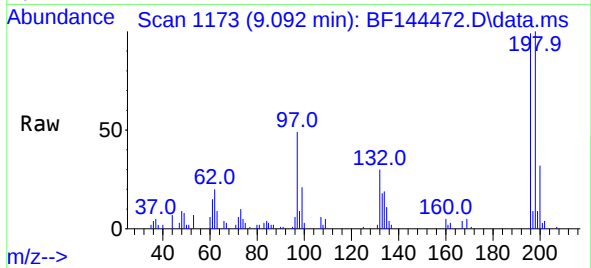




#44
2,4,5-Trichlorophenol
Concen: 2.101 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

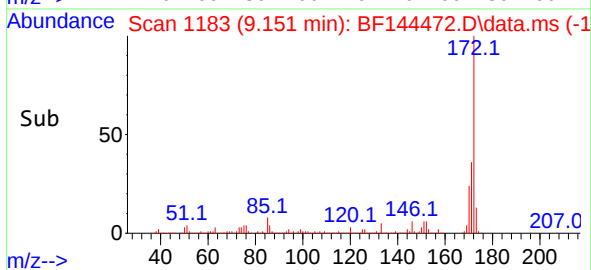
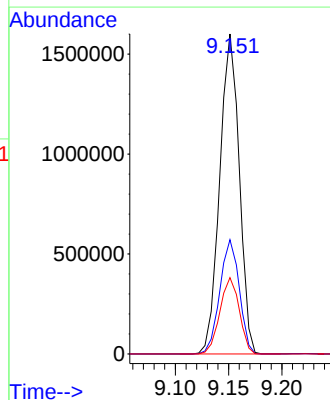
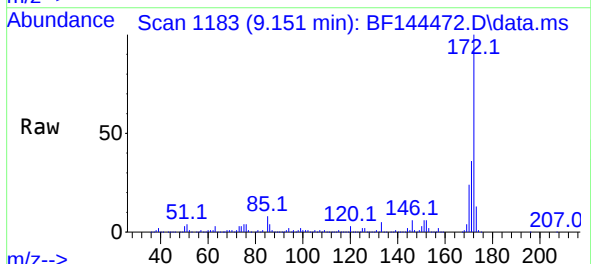
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

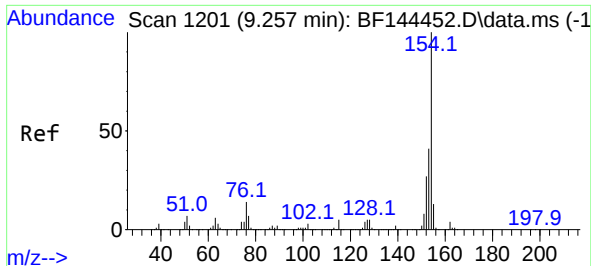
Tgt Ion:196	Resp:	17952
Ion Ratio	Lower	Upper
196	100	
198	101.5	79.5 119.3
97	49.7	42.2 63.2
132	30.0	24.0 36.0



#45
2-Fluorobiphenyl
Concen: 69.261 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:172	Resp:	2034124
Ion Ratio	Lower	Upper
172	100	
171	35.7	28.7 43.1
170	23.9	19.3 28.9

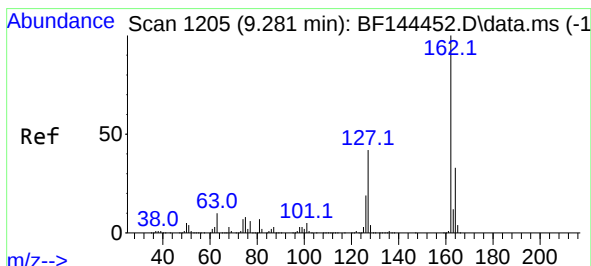
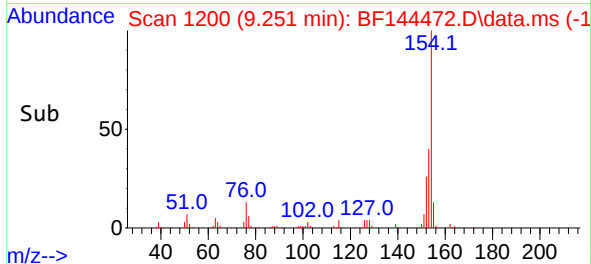
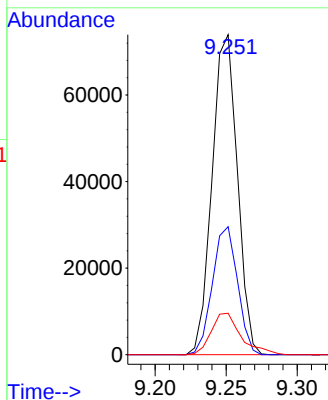
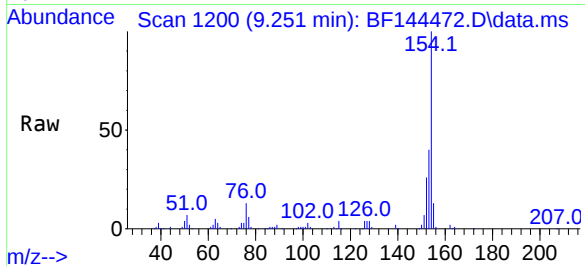




#46
1,1'-Biphenyl
Concen: 2.599 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

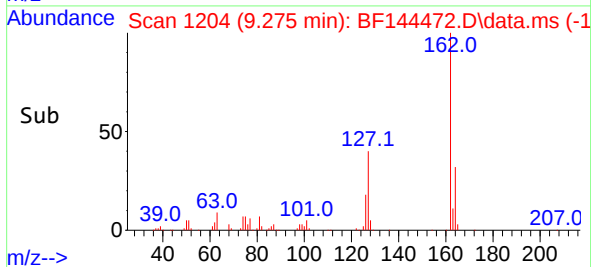
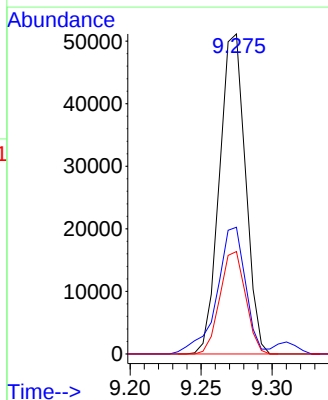
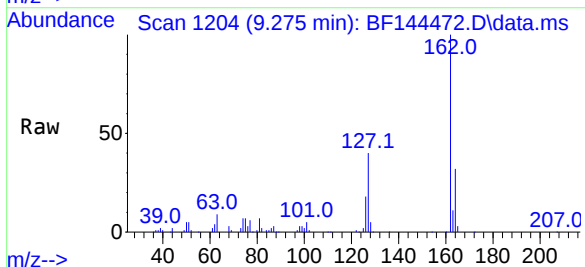
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

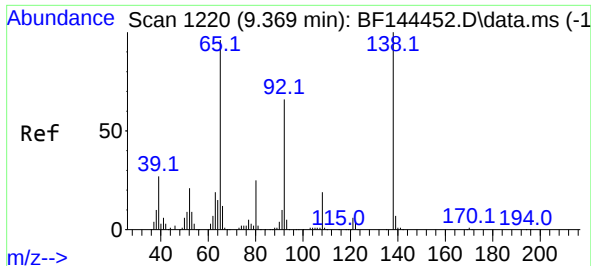
Tgt Ion:154 Resp: 91493
Ion Ratio Lower Upper
154 100
153 40.0 21.0 61.0
76 12.9 0.0 33.8



#47
2-Chloronaphthalene
Concen: 2.421 ng
RT: 9.275 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:162 Resp: 65063
Ion Ratio Lower Upper
162 100
127 39.6 33.6 50.4
164 32.0 26.6 39.8

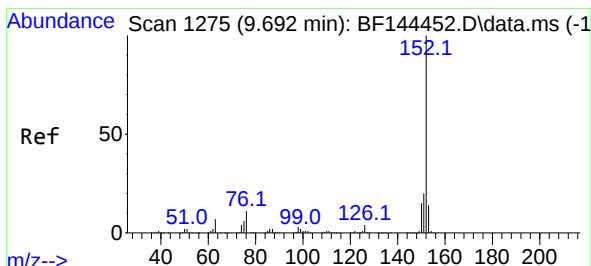
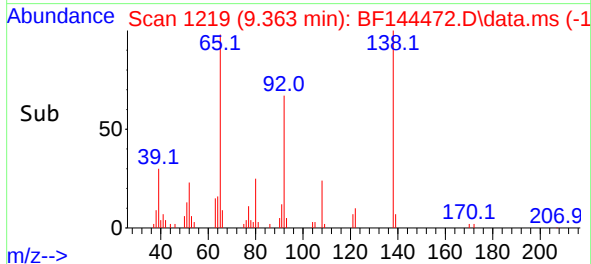
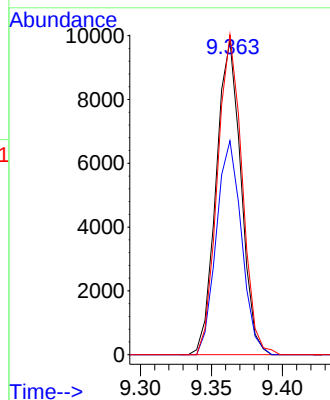
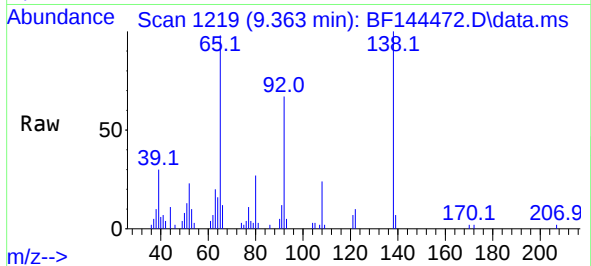




#48
2-Nitroaniline
Concen: 5.066 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

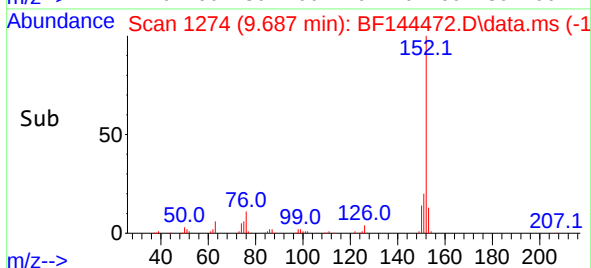
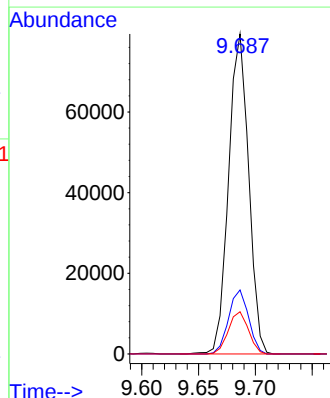
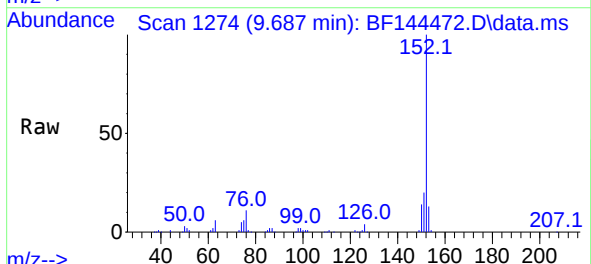
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

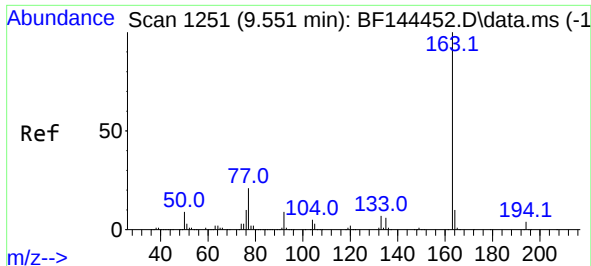
Tgt Ion: 65 Resp: 11950
Ion Ratio Lower Upper
65 100
92 68.1 55.0 82.4
138 101.9 83.4 125.2



#49
Acenaphthylene
Concen: 2.284 ng
RT: 9.687 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 152 Resp: 97284
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 11.4 17.0

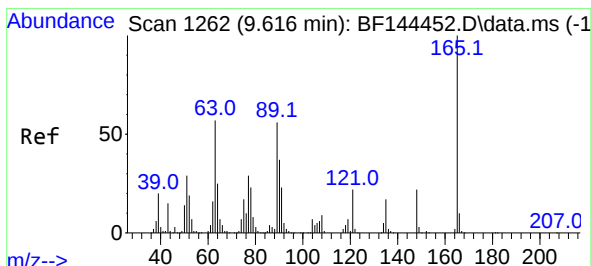
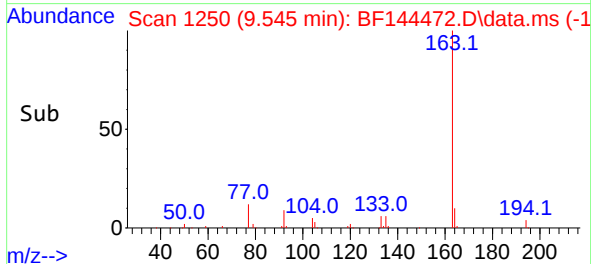
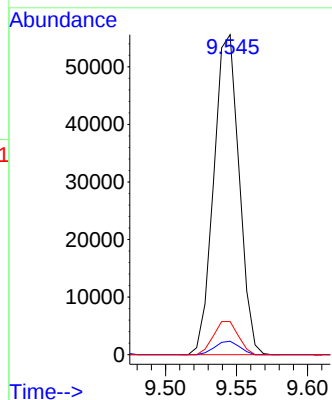
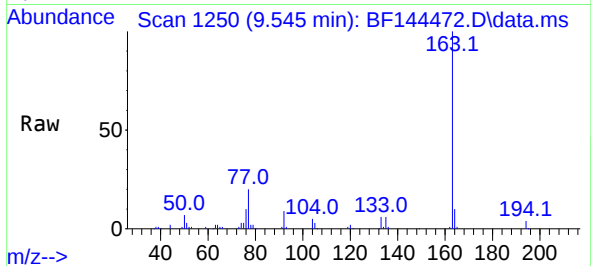




#50
Dimethylphthalate
Concen: 2.263 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

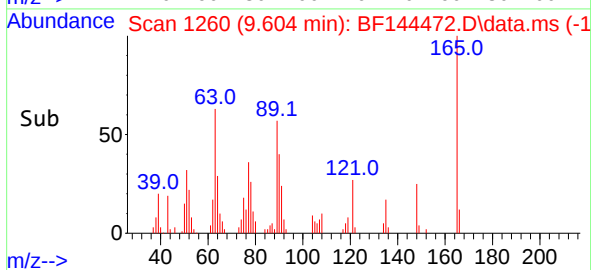
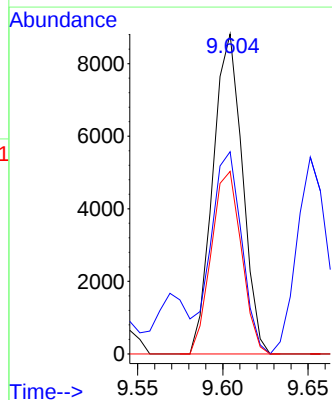
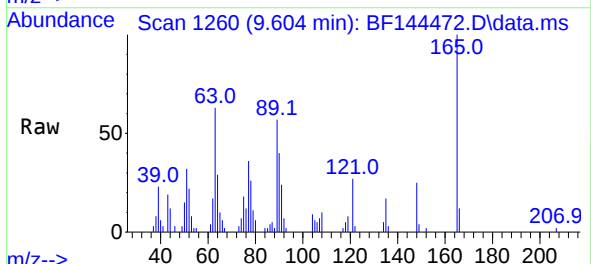
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

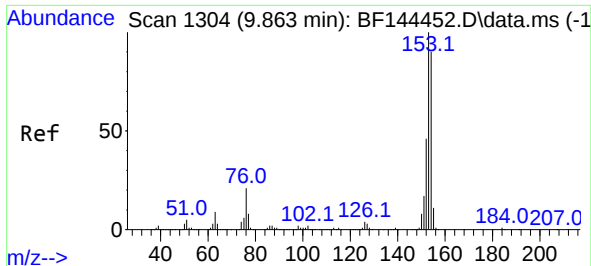
Tgt Ion:163 Resp: 68859
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 5.657 ng
RT: 9.604 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:165 Resp: 10619
Ion Ratio Lower Upper
165 100
63 63.2 45.9 68.9
89 57.0 44.6 67.0

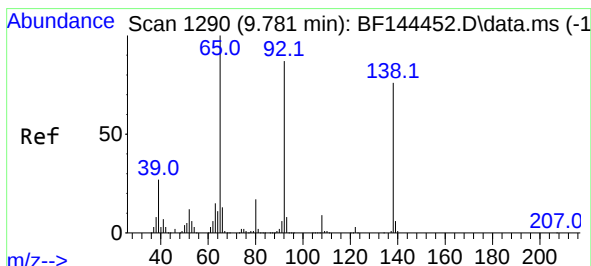
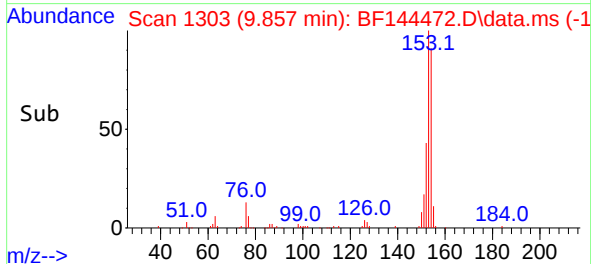
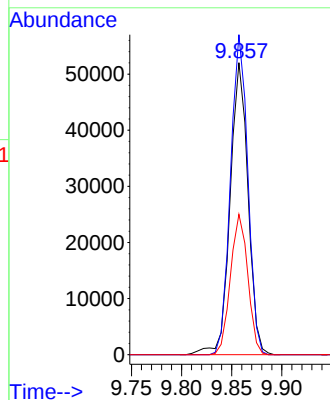
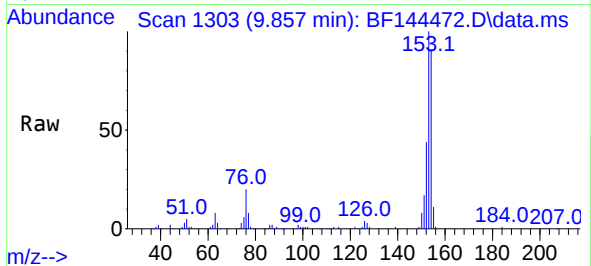




#52
Acenaphthene
Concen: 2.434 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

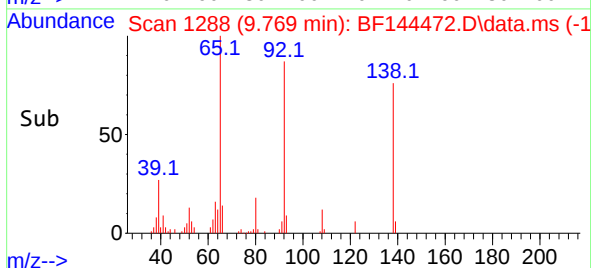
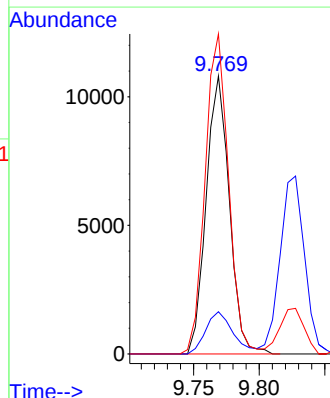
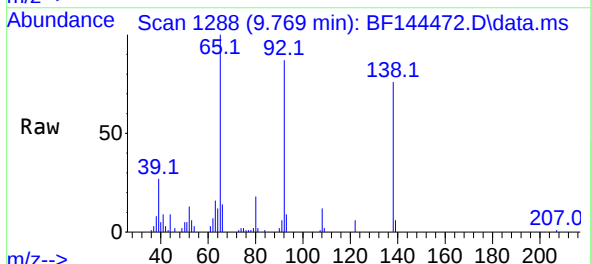
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

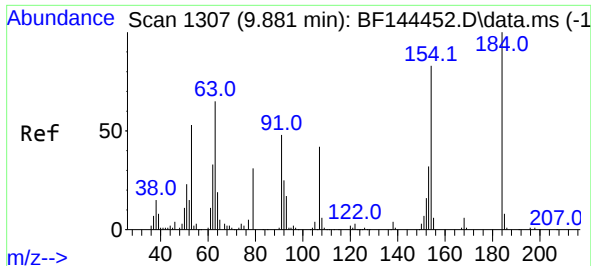
Tgt Ion:	154	Resp:	64636
Ion	Ratio	Lower	Upper
154	100		
153	109.6	88.6	132.8
152	48.1	40.6	61.0



#53
3-Nitroaniline
Concen: 4.833 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:	138	Resp:	13299
Ion	Ratio	Lower	Upper
138	100		
108	15.2	9.7	14.5#
92	115.2	91.5	137.3

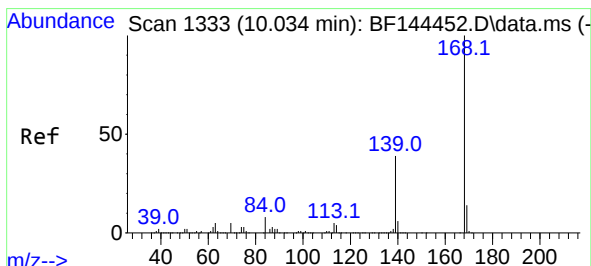
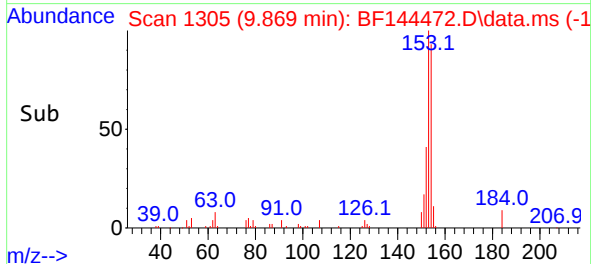
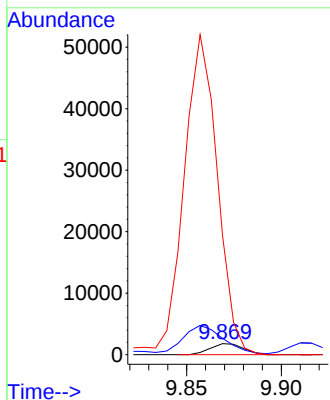
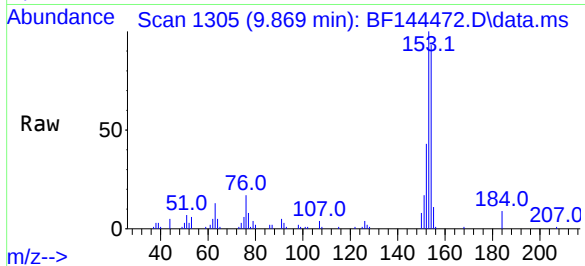




#54
2,4-Dinitrophenol
Concen: 7.698 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

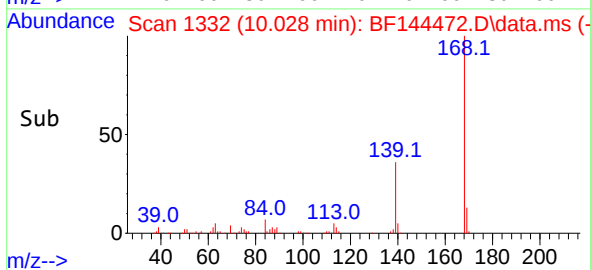
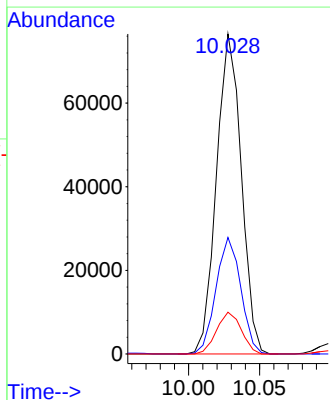
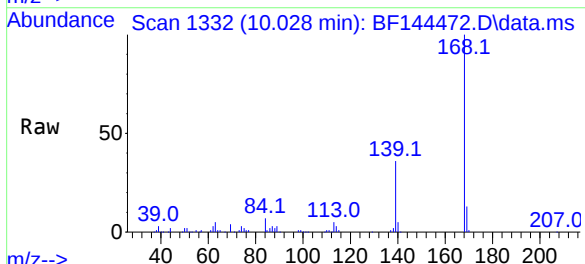
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

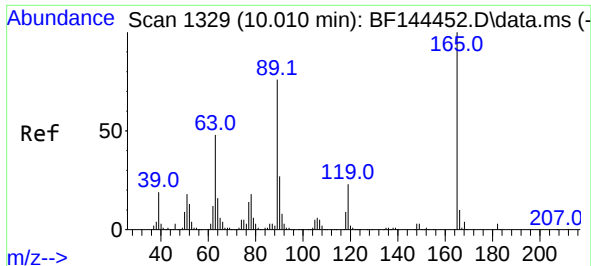
Tgt Ion:184 Resp: 2177
Ion Ratio Lower Upper
184 100
63 147.9 60.6 91.0#
154 1081.7 137.8 206.8#



#55
Dibenzofuran
Concen: 2.457 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

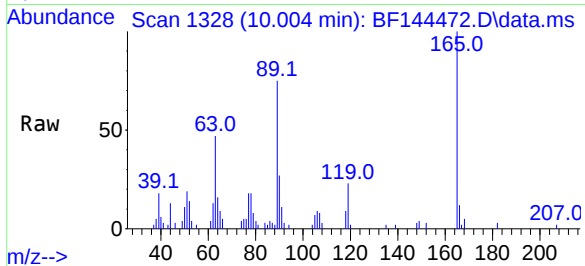
Tgt Ion:168 Resp: 92818
Ion Ratio Lower Upper
168 100
139 36.4 31.0 46.6
169 13.0 10.9 16.3



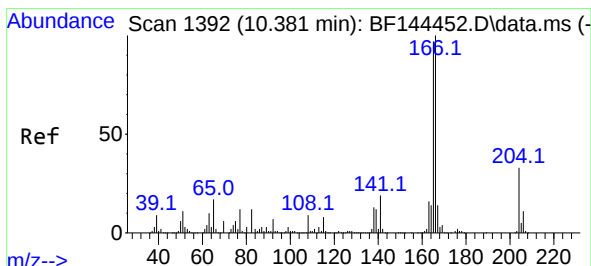
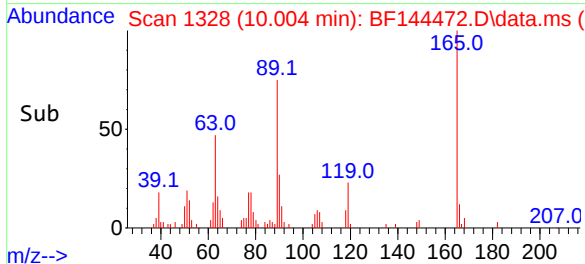
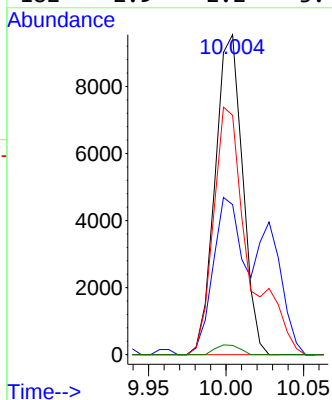


#57
2,4-Dinitrotoluene
Concen: 5.311 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

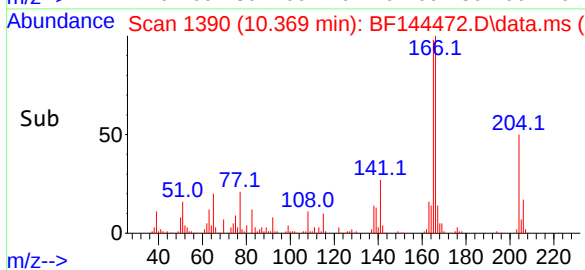
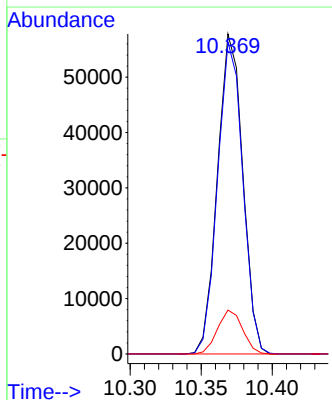
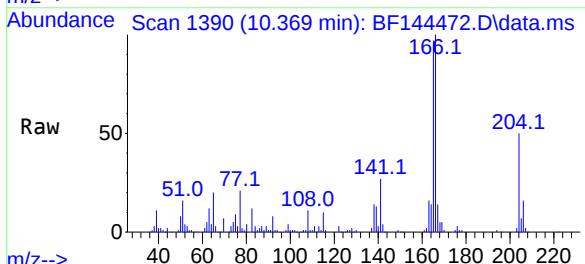


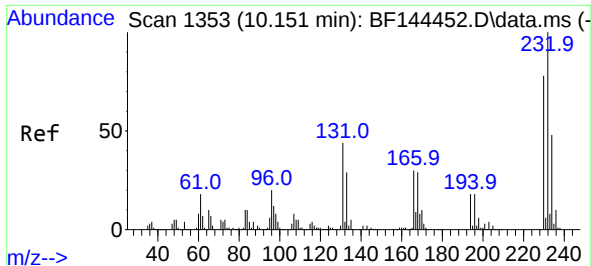
Tgt Ion:165 Resp: 11794
Ion Ratio Lower Upper
165 100
63 46.9 38.2 57.4
89 74.8 61.2 91.8
182 2.9 2.2 3.4



#58
Fluorene
Concen: 2.501 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:166 Resp: 71544
Ion Ratio Lower Upper
166 100
165 97.5 77.6 116.4
167 13.7 10.8 16.2

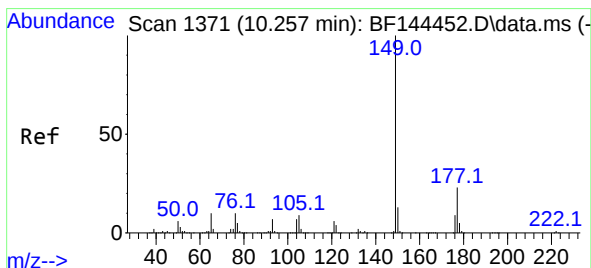
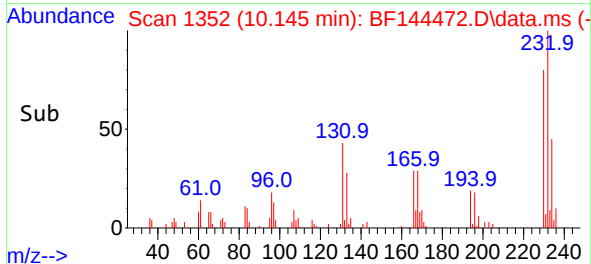
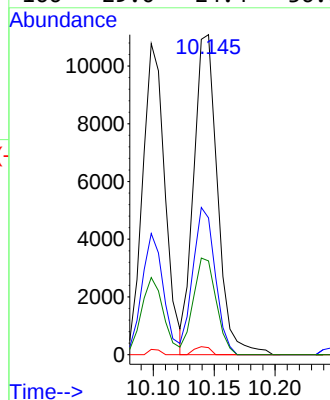
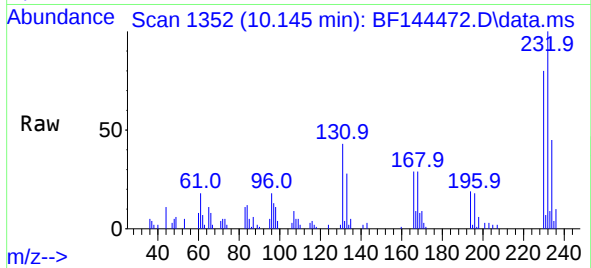




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.326 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

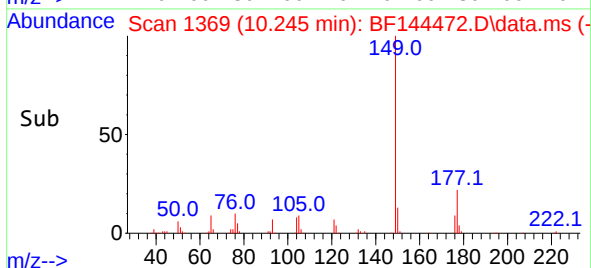
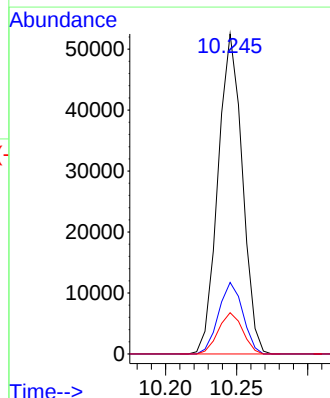
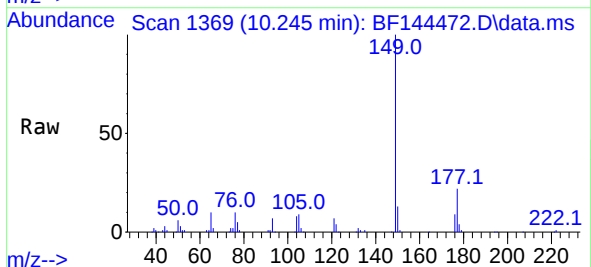
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

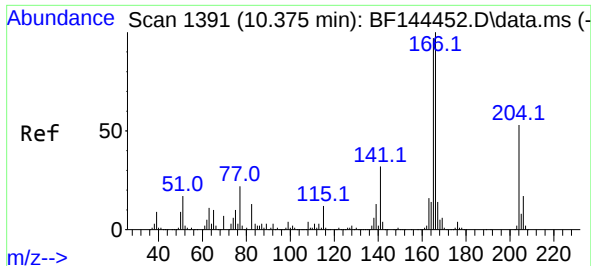
Tgt Ion:232 Resp: 15089
Ion Ratio Lower Upper
232 100
131 43.0 36.3 54.5
130 1.7 1.8 2.6#
166 29.0 24.4 36.6



#60
Diethylphthalate
Concen: 2.162 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:149 Resp: 62350
Ion Ratio Lower Upper
149 100
177 22.3 18.7 28.1
150 12.9 10.1 15.1

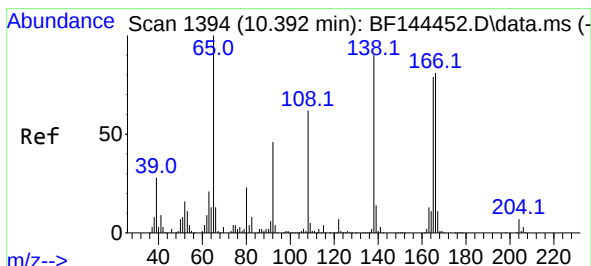
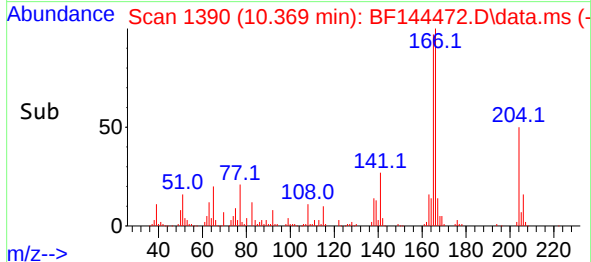
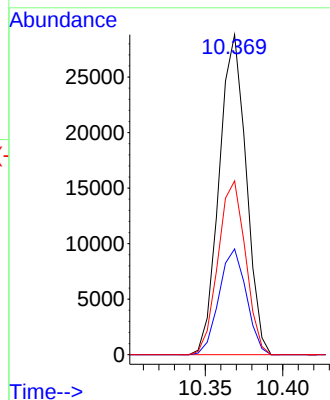
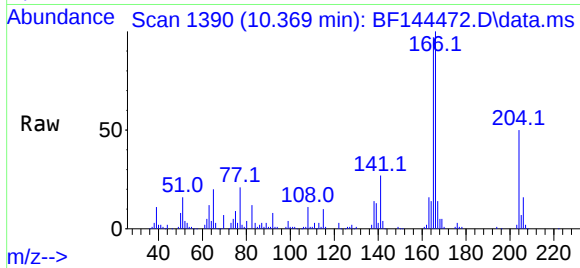




#61
4-Chlorophenyl-phenylether
Concen: 2.485 ng
RT: 10.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

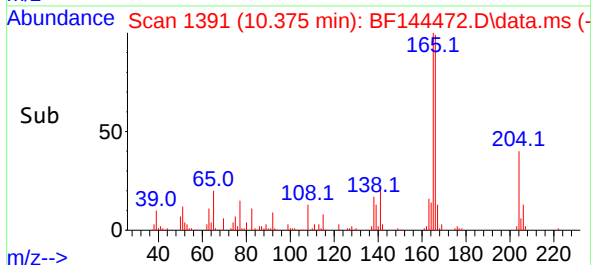
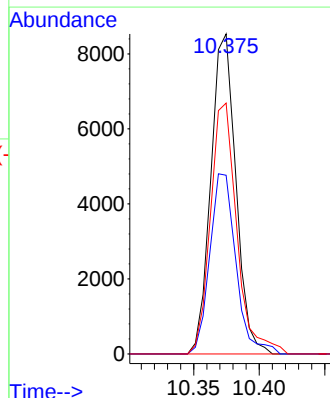
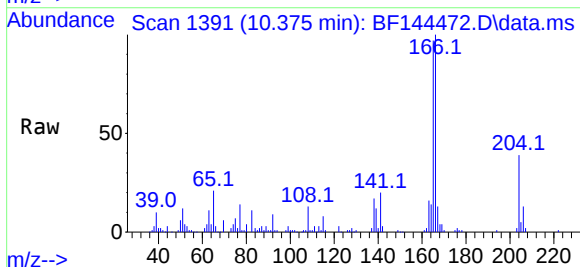
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

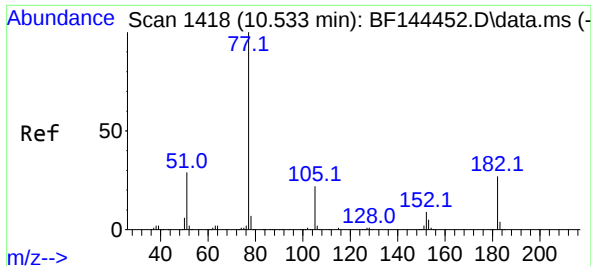
Tgt Ion:204 Resp: 34883
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 54.3 48.4 72.6



#62
4-Nitroaniline
Concen: 4.110 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.017 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:138 Resp: 11336
Ion Ratio Lower Upper
138 100
92 55.9 30.8 70.8
108 78.4 49.2 89.2

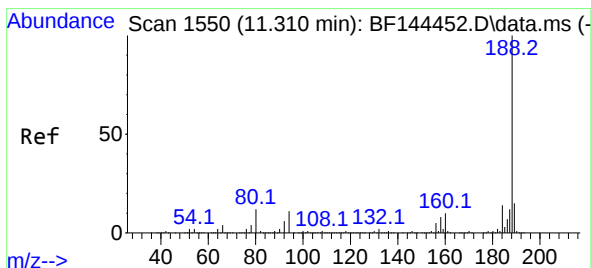
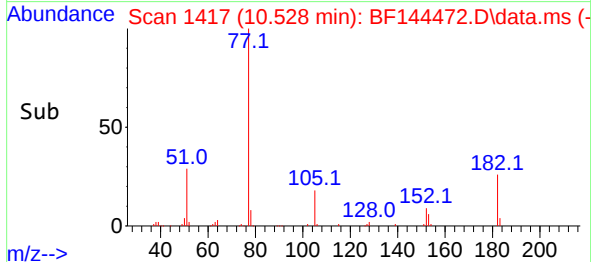
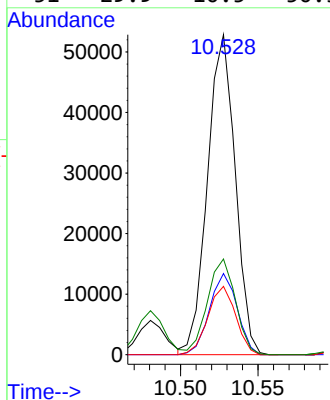
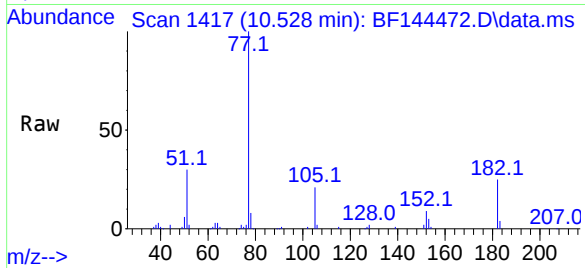




#63
Azobenzene
Concen: 2.160 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

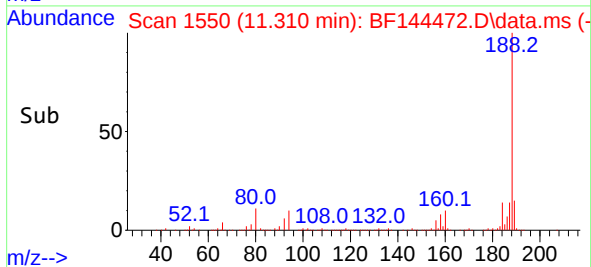
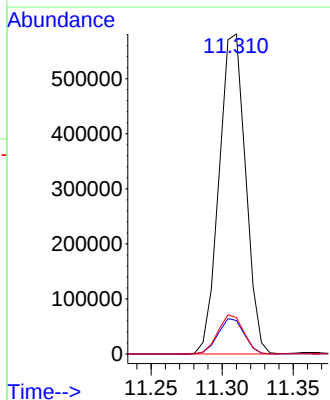
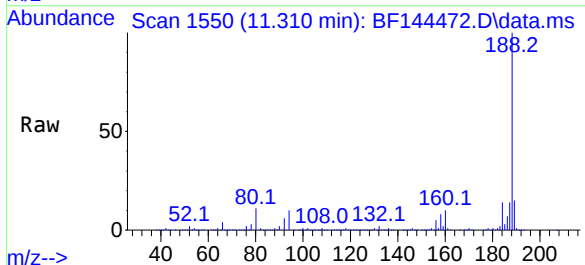
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

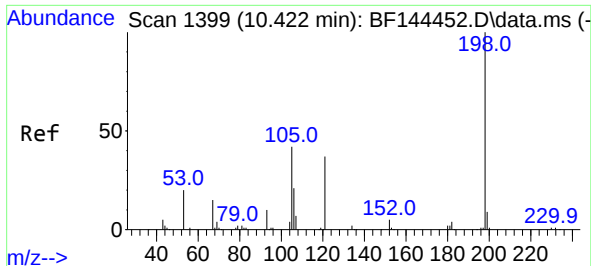
Tgt Ion: 77	Resp: 65838
Ion Ratio	Lower Upper
77 100	
182 25.3	6.1 46.1
105 21.4	1.5 41.5
51 29.9	10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:188	Resp: 753343
Ion Ratio	Lower Upper
188 100	
94 10.5	9.0 13.6
80 11.4	9.8 14.8

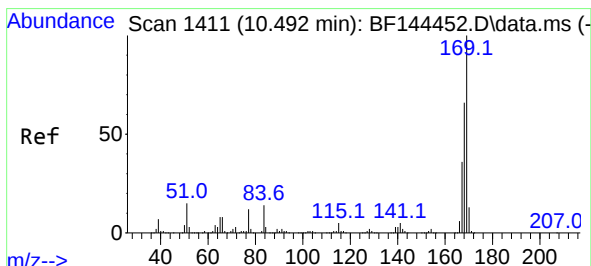
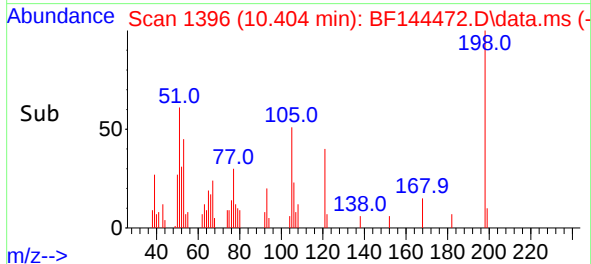
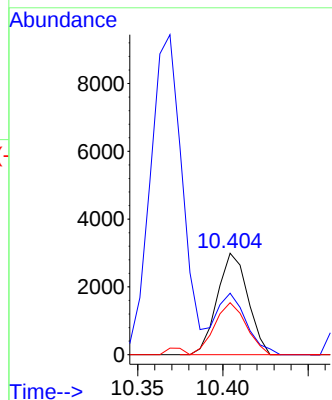
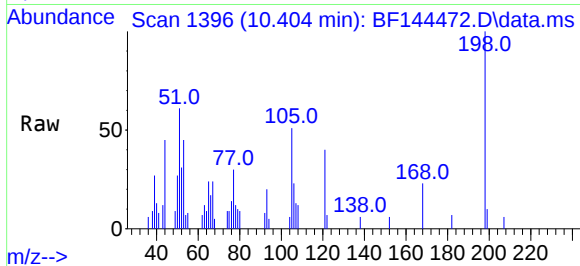




#65
4,6-Dinitro-2-methylphenol
Concen: 7.810 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

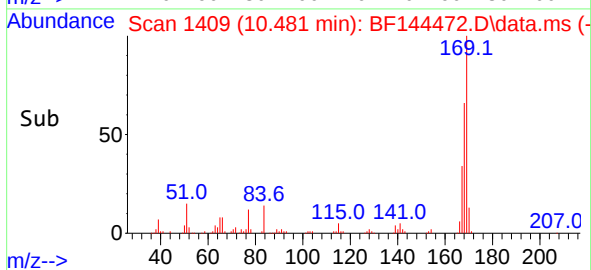
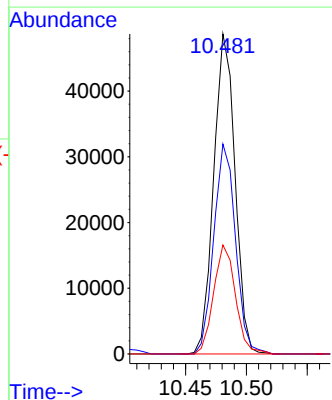
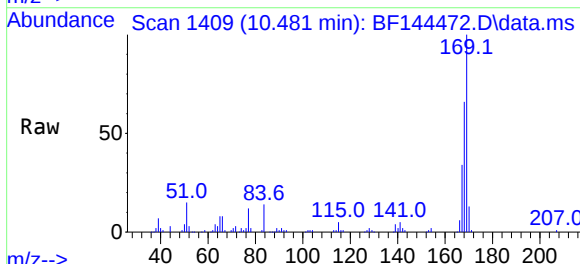
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

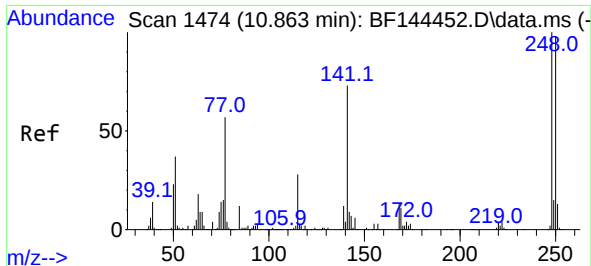
Tgt Ion:198 Resp: 3733
Ion Ratio Lower Upper
198 100
51 60.5 25.5 65.5
105 51.3 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 2.292 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:169 Resp: 59176
Ion Ratio Lower Upper
169 100
168 65.6 52.6 79.0
167 34.0 28.8 43.2

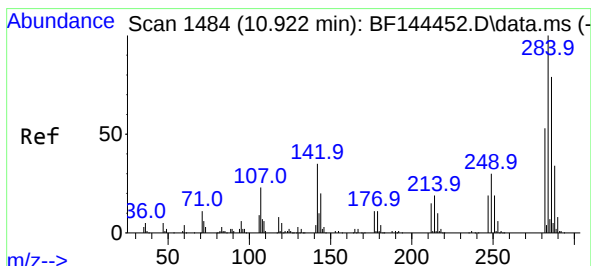
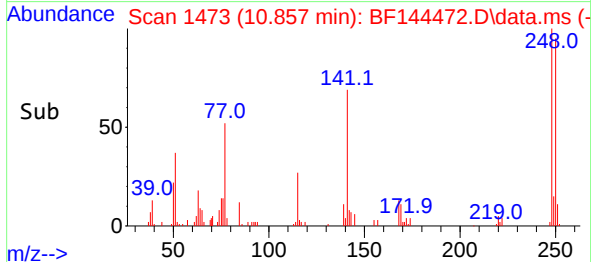
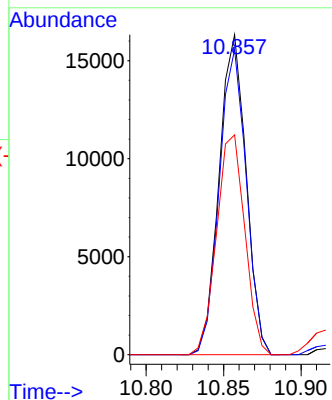
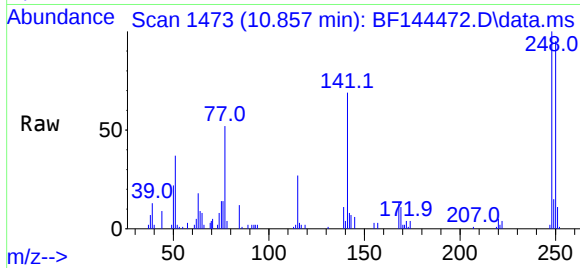




#67
4-Bromophenyl-phenylether
Concen: 2.249 ng
RT: 10.857 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

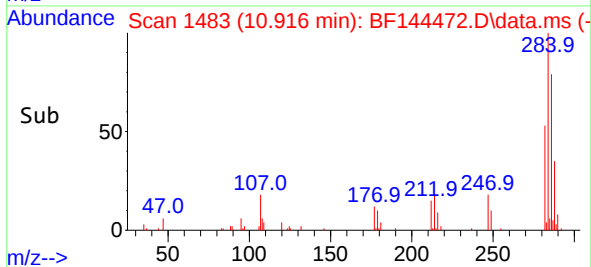
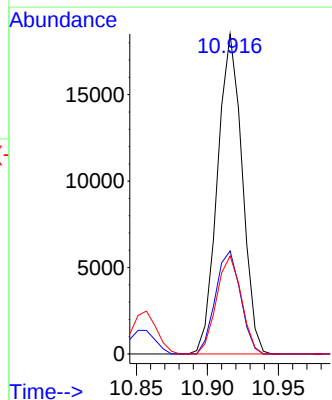
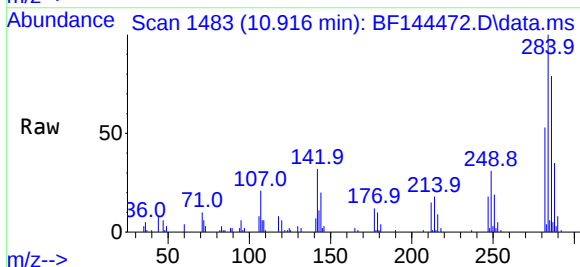
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

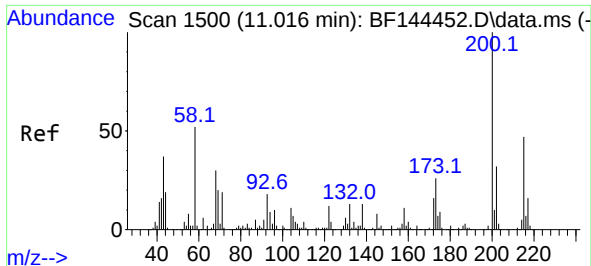
Tgt Ion:248 Resp: 19777
Ion Ratio Lower Upper
248 100
250 95.4 78.2 117.4
141 68.7 58.5 87.7



#68
Hexachlorobenzene
Concen: 2.304 ng
RT: 10.916 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:284 Resp: 22372
Ion Ratio Lower Upper
284 100
142 32.2 28.2 42.2
249 30.6 24.7 37.1

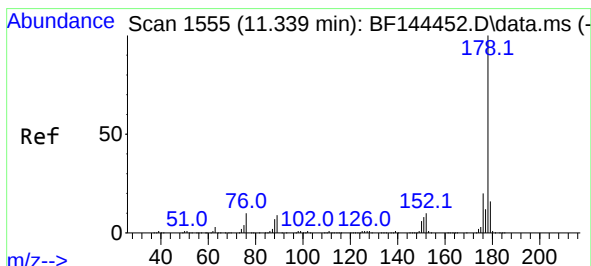
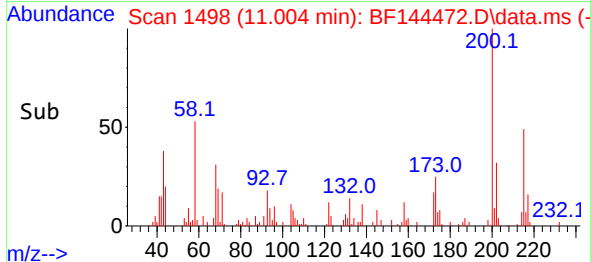
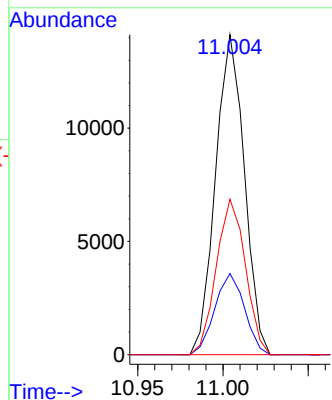
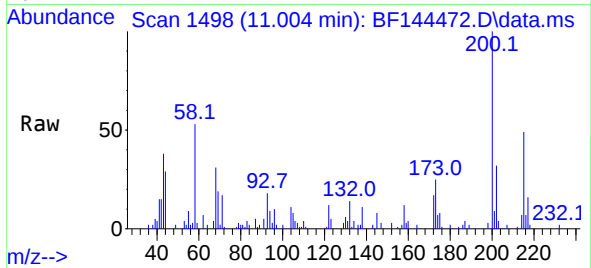




#69
Atrazine
Concen: 2.054 ng
RT: 11.004 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

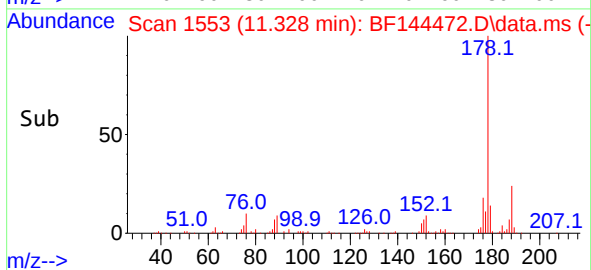
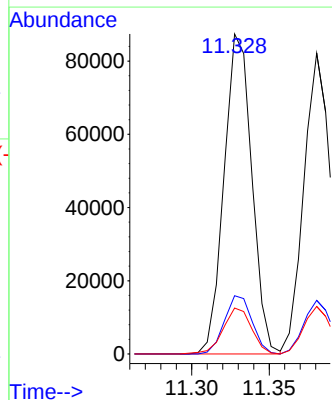
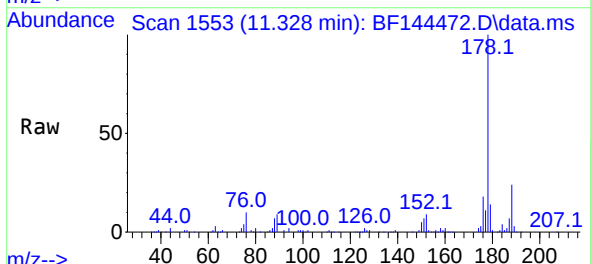
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

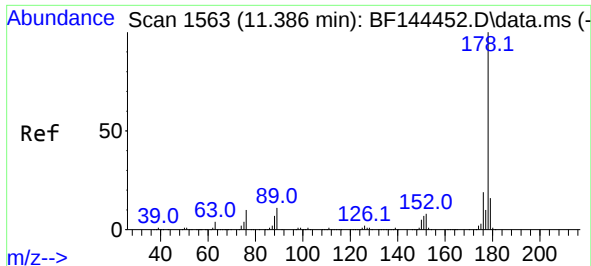
Tgt Ion:200 Resp: 16608
Ion Ratio Lower Upper
200 100
173 25.4 6.2 46.2
215 48.5 27.2 67.2



#71
Phenanthrene
Concen: 2.508 ng
RT: 11.328 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:178 Resp: 108922
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 14.4 12.5 18.7

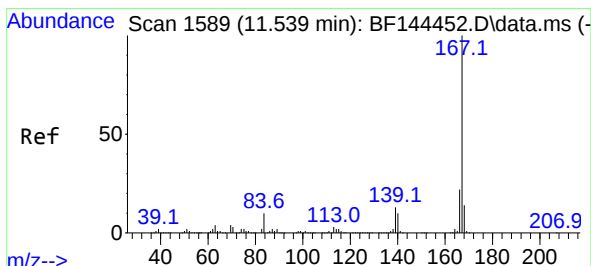
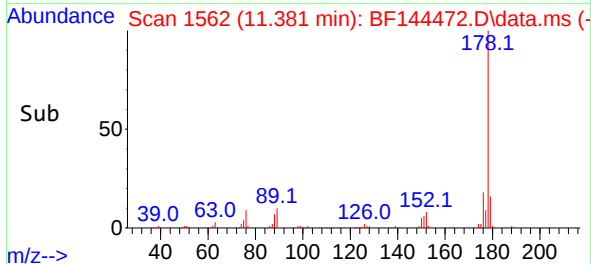
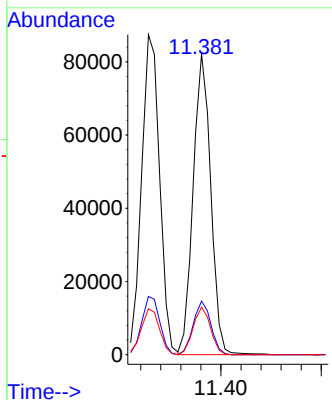
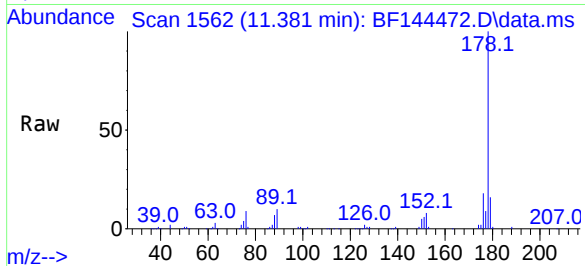




#72
Anthracene
Concen: 2.280 ng
RT: 11.381 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

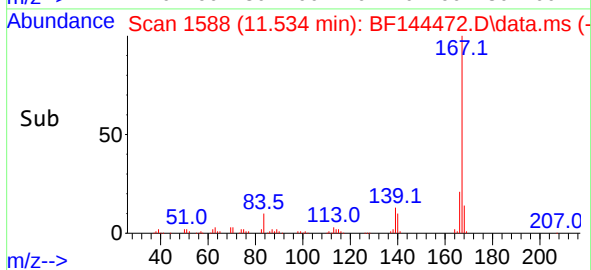
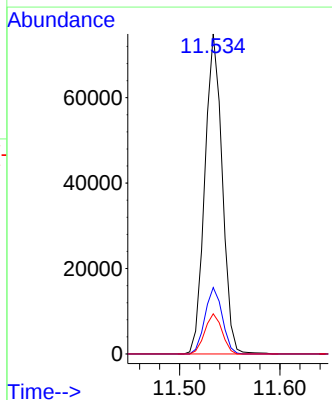
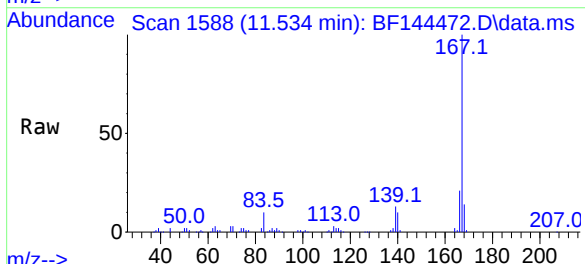
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

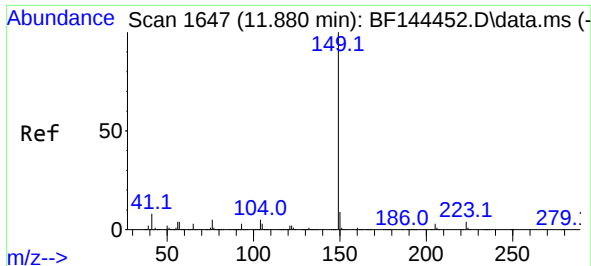
Tgt Ion:178 Resp: 100206
Ion Ratio Lower Upper
178 100
176 17.8 15.2 22.8
179 15.8 12.7 19.1



#73
Carbazole
Concen: 2.374 ng
RT: 11.534 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:167 Resp: 90612
Ion Ratio Lower Upper
167 100
166 20.8 17.4 26.2
139 12.6 10.7 16.1

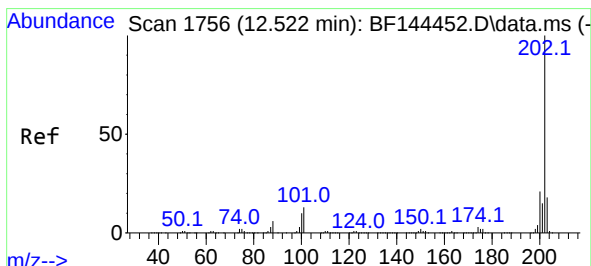
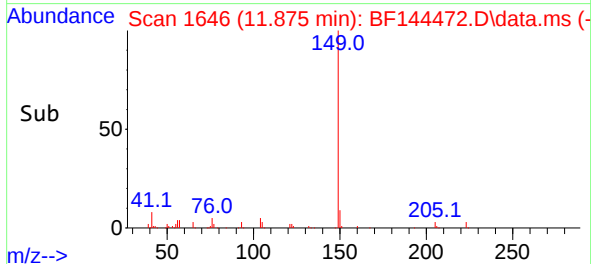
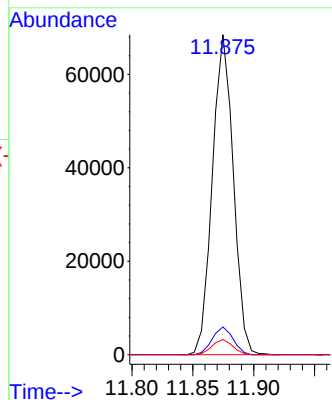
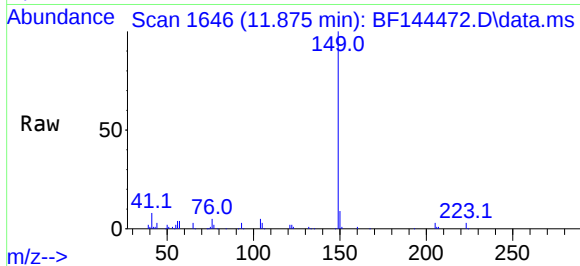




#74
Di-n-butylphthalate
Concen: 2.012 ng
RT: 11.875 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

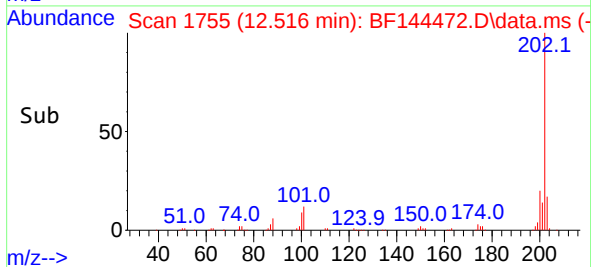
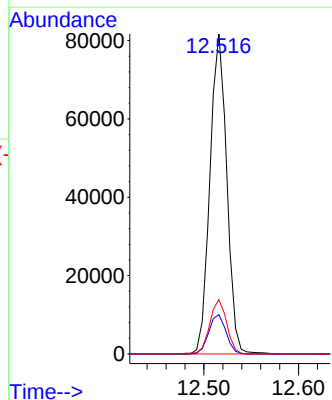
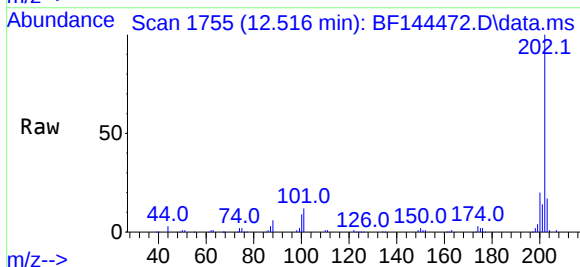
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

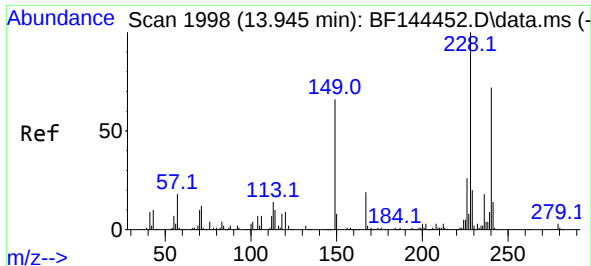
Tgt Ion:149	Resp:	82083
Ion Ratio	Lower	Upper
149	100	
150	8.6	7.5 11.3
104	4.7	3.9 5.9



#75
Fluoranthene
Concen: 2.357 ng
RT: 12.516 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:202	Resp:	101105
Ion Ratio	Lower	Upper
202	100	
101	12.3	0.0 32.9
203	17.0	0.0 37.8

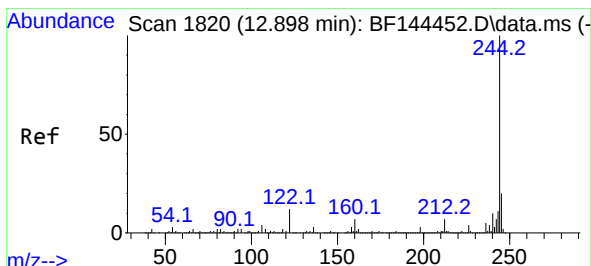
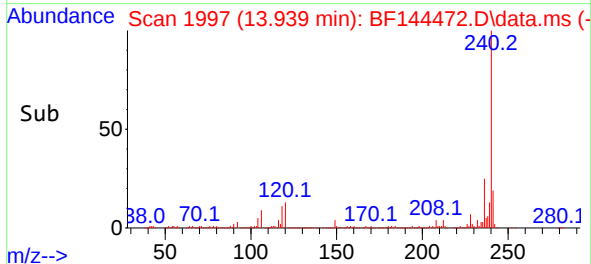
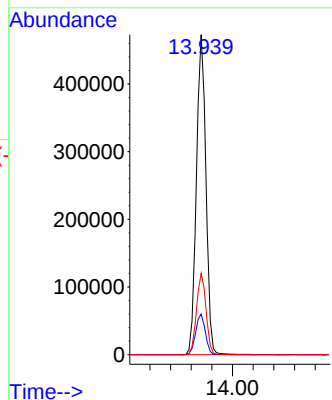
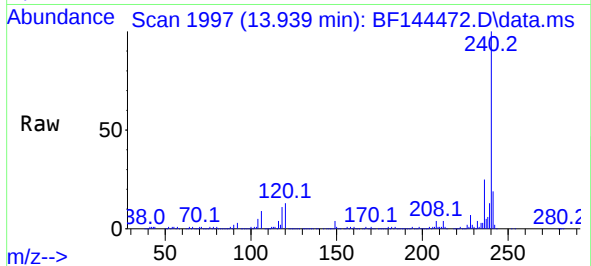




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

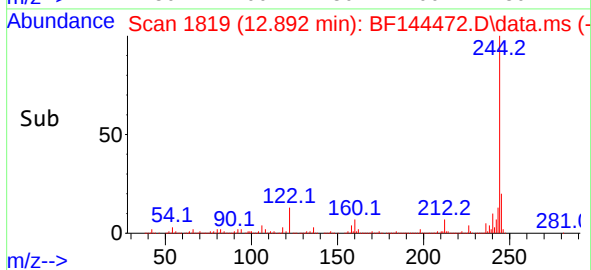
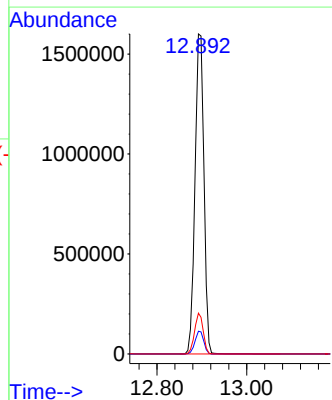
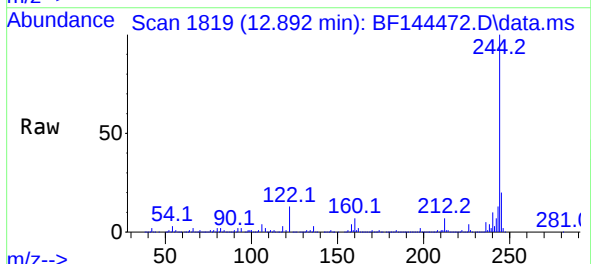
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

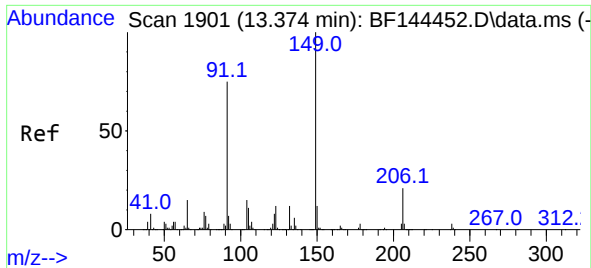
Tgt Ion:240 Resp: 604398
Ion Ratio Lower Upper
240 100
120 12.7 10.3 15.5
236 25.5 20.2 30.4



#79
Terphenyl-d14
Concen: 57.505 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:244 Resp: 2201433
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.8 9.9 14.9

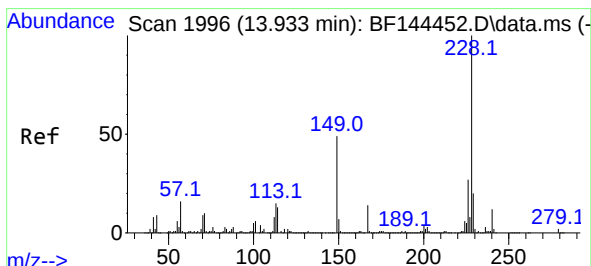
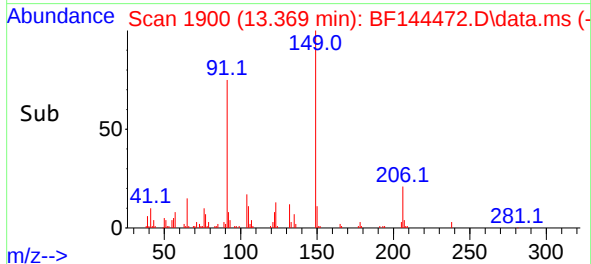
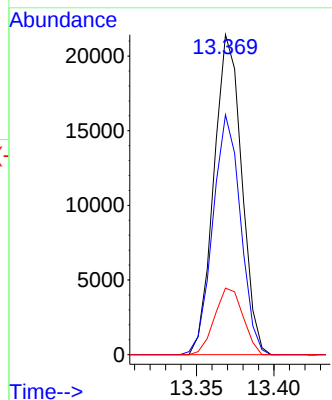
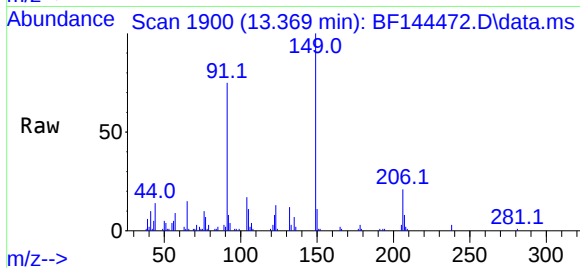




#80
Butylbenzylphthalate
Concen: 4.616 ng
RT: 13.369 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

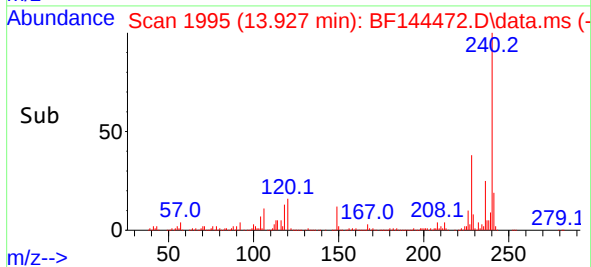
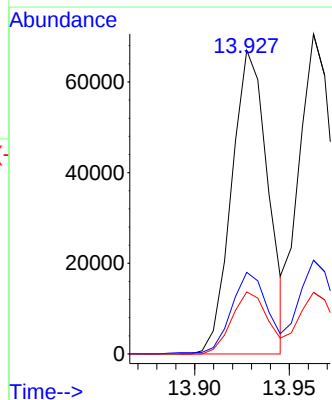
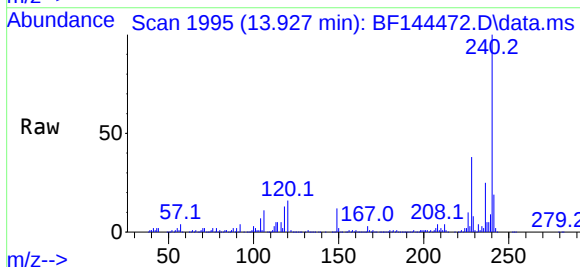
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

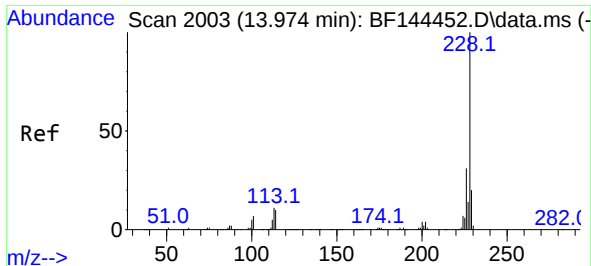
Tgt Ion:149	Resp:	26692
Ion Ratio	Lower	Upper
149	100	
91	75.0	59.8 89.8
206	20.8	17.0 25.6



#81
Benzo(a)anthracene
Concen: 2.100 ng
RT: 13.927 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:228	Resp:	89398
Ion Ratio	Lower	Upper
228	100	
226	26.9	21.9 32.9
229	20.4	16.1 24.1

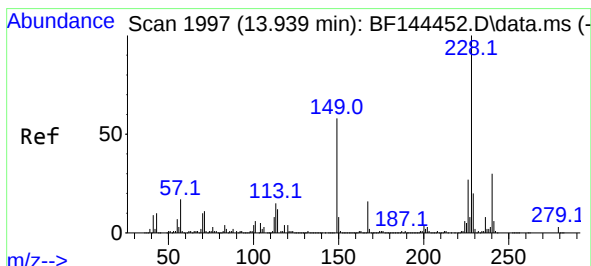
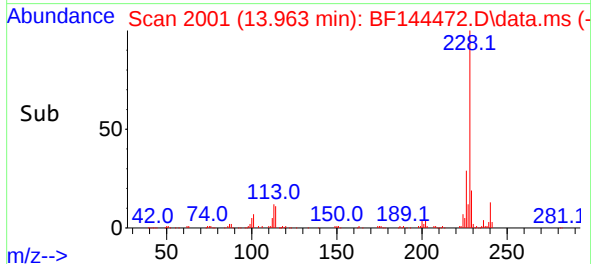
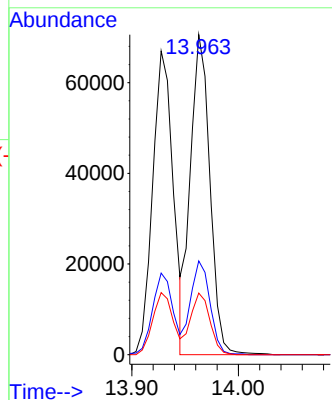
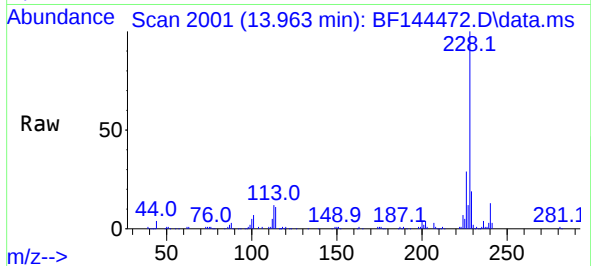




#83
Chrysene
Concen: 2.311 ng
RT: 13.963 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

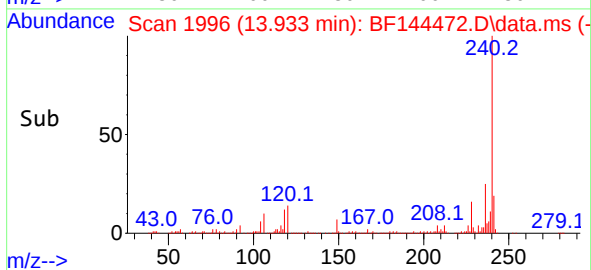
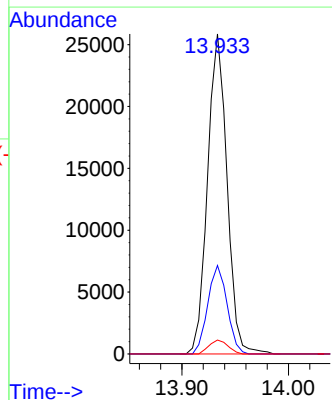
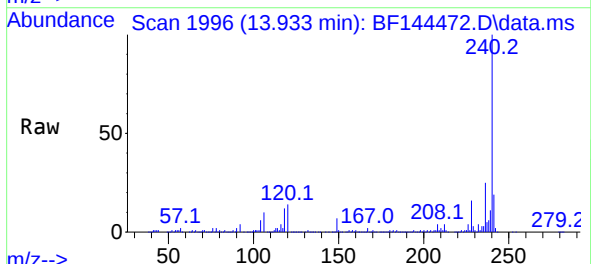
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

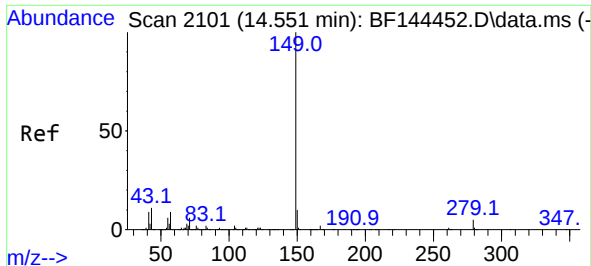
Tgt Ion:	228	Resp:	90012
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.3	36.5
229	19.3	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.352 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:	149	Resp:	32812
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.6	34.0
279	4.3	3.7	5.5

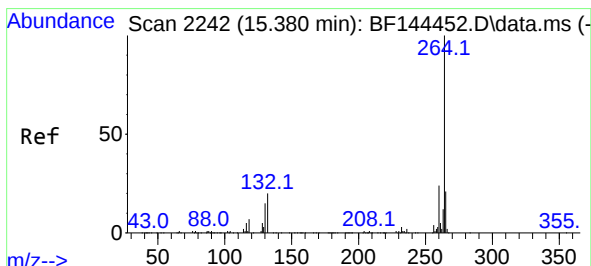
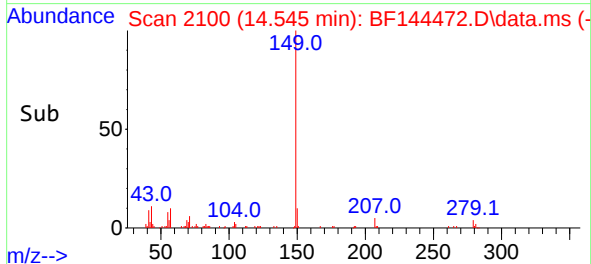
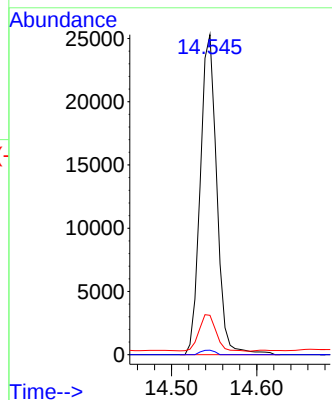
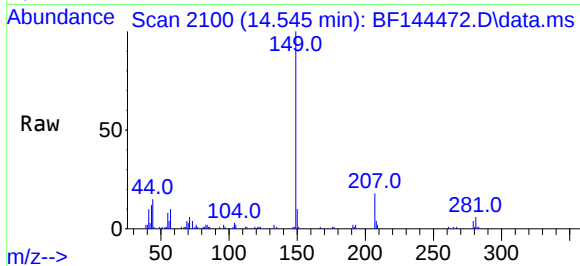




#85
Di-n-octyl phthalate
Concen: 7.400 ng
RT: 14.545 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

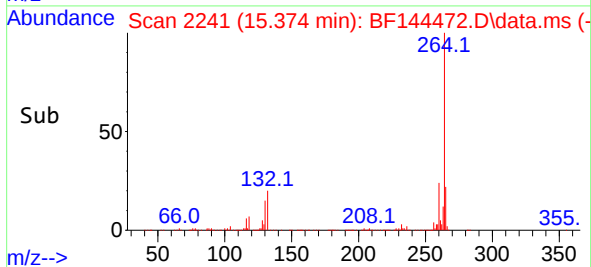
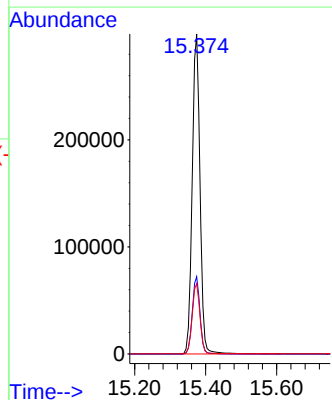
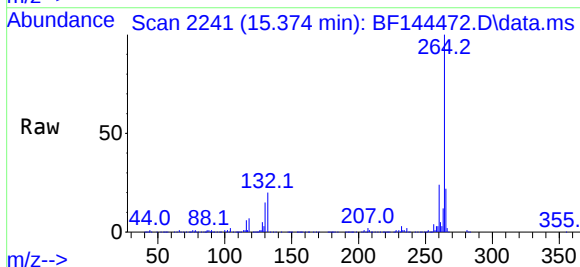
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT4-2025

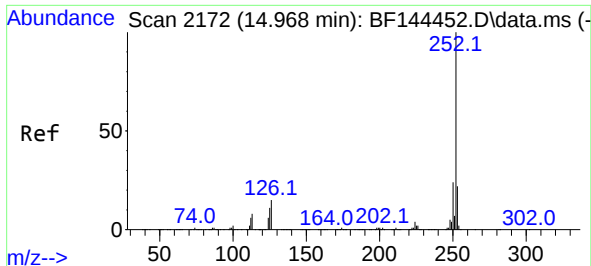
Tgt Ion:149 Resp: 34085
Ion Ratio Lower Upper
149 100
167 1.2 1.3 1.9#
43 11.7 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:264 Resp: 456450
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 22.0 17.1 25.7

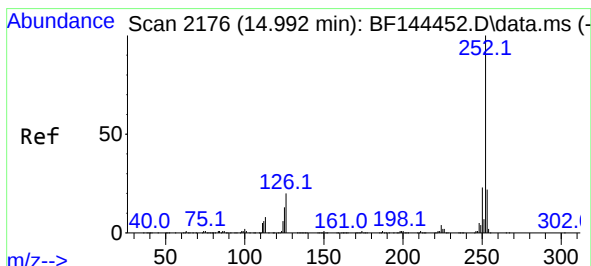
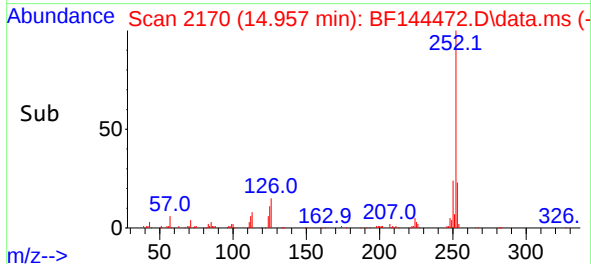
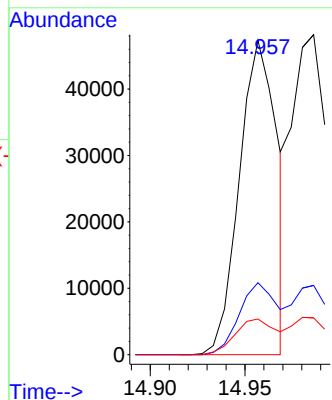
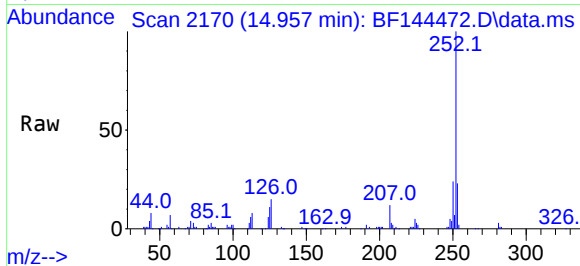




#88
Benzo(b)fluoranthene
Concen: 2.187 ng
RT: 14.957 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

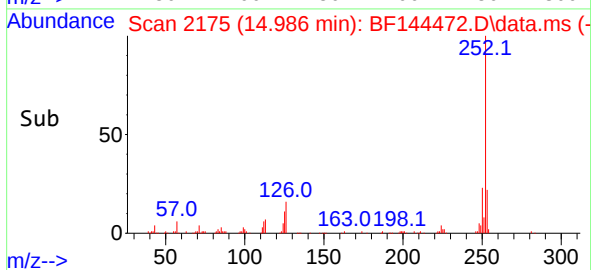
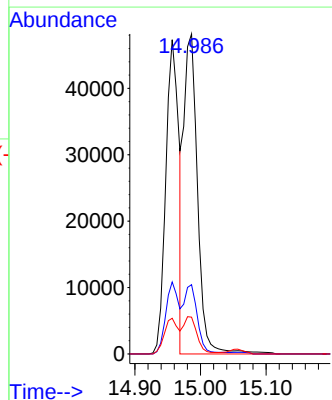
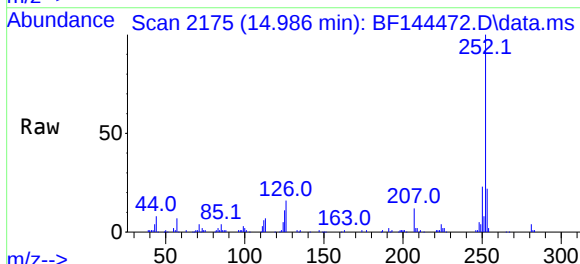
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

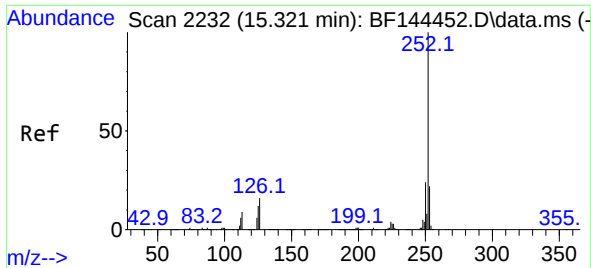
Tgt Ion:252 Resp: 65547
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 11.3 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 2.474 ng
RT: 14.986 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

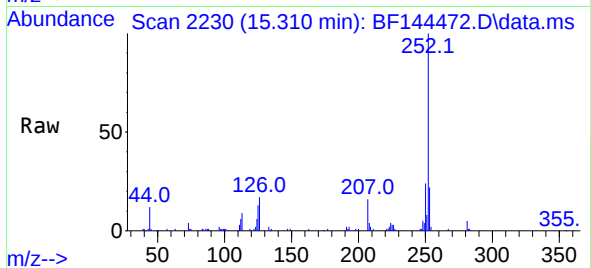
Tgt Ion:252 Resp: 70102
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.5 9.7 14.5





#90
Benzo(a)pyrene
Concen: 2.157 ng
RT: 15.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025



Tgt Ion:	252	Resp:	56499
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	12.5	9.9	14.9

