

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
 Data File : BF143640.D
 Acq On : 04 Sep 2025 13:15
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Sep 04 14:01:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	73601	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	282768	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	162540	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	270318	20.000	ng	0.00
76) Chrysene-d12	14.045	240	187689	20.000	ng	0.00
86) Perylene-d12	15.521	264	160476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	510604	122.901	ng	0.00
7) Phenol-d6	6.510	99	644436	124.977	ng	0.00
23) Nitrobenzene-d5	7.451	82	405005	100.666	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	194788	143.311	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	884463	86.937	ng	0.00
79) Terphenyl-d14	12.998	244	991711	88.040	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	19703	10.052	ng	92
3) Pyridine	3.469	79	45348	8.732	ng	96
4) n-Nitrosodimethylamine	3.369	42	19390	8.990	ng	93
6) Aniline	6.551	93	72258	10.067	ng	99
8) 2-Chlorophenol	6.675	128	45010	10.461	ng	95
9) Benzaldehyde	6.440	77	37793	9.864	ng	99
10) Phenol	6.522	94	55730	9.858	ng	86
11) bis(2-Chloroethyl)ether	6.622	93	42486	9.596	ng	98
12) 1,3-Dichlorobenzene	6.834	146	54145	10.197	ng	99
13) 1,4-Dichlorobenzene	6.910	146	55512	10.423	ng	98
14) 1,2-Dichlorobenzene	7.057	146	51753	10.268	ng	99
15) Benzyl Alcohol	7.022	79	37770	9.640	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	64199	9.213	ng	99
17) 2-Methylphenol	7.128	107	36866	9.800	ng	100
18) Hexachloroethane	7.404	117	16389	9.864	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	32931	10.029	ng	98
20) 3+4-Methylphenols	7.281	107	48271	10.194	ng	96
22) Acetophenone	7.292	105	64643	10.109	ng	# 97
24) Nitrobenzene	7.469	77	47875	11.129	ng	99
25) Isophorone	7.704	82	87704	9.674	ng	99
26) 2-Nitrophenol	7.781	139	17237	13.565	ng	97
27) 2,4-Dimethylphenol	7.810	122	44427	11.255	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	54192	9.778	ng	99
29) 2,4-Dichlorophenol	8.016	162	39189	10.118	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	44971	10.654	ng	99
31) Naphthalene	8.192	128	138469	10.011	ng	100
32) Benzoic acid	7.863	122	15115	12.834	ng	91
33) 4-Chloroaniline	8.234	127	55285	11.544	ng	98
34) Hexachlorobutadiene	8.310	225	27369	9.968	ng	97
35) Caprolactam	8.569	113	10250	9.875	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	40960	10.099	ng	98
37) 2-Methylnaphthalene	8.881	142	85221	9.109	ng	99
38) 1-Methylnaphthalene	8.981	142	88278	9.869	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	44998	10.017	ng	99
41) Hexachlorocyclopentadiene	9.039	237	26165	11.995	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	26782	9.677	ng	98

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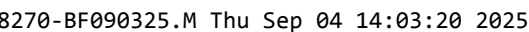
Instrument :
 BNA_F
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 LOQ-SOIL-02-QT3-2025

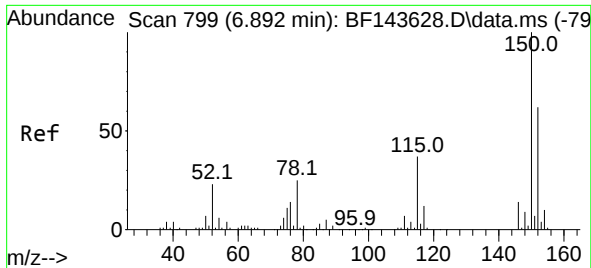
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 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	30279	10.597	ng	98
46) 1,1'-Biphenyl	9.345	154	117842	10.194	ng	100
47) 2-Chloronaphthalene	9.369	162	90099	9.959	ng	99
48) 2-Nitroaniline	9.457	65	22677	11.805	ng	97
49) Acenaphthylene	9.786	152	143692	11.021	ng	99
50) Dimethylphthalate	9.639	163	104474	10.151	ng	100
51) 2,6-Dinitrotoluene	9.698	165	19345	13.309	ng	96
52) Acenaphthene	9.957	154	84800	9.723	ng	100
53) 3-Nitroaniline	9.869	138	21140	12.568	ng	94
54) 2,4-Dinitrophenol	9.969	184	4659	13.939	ng	# 1
55) Dibenzofuran	10.128	168	128543	10.145	ng	99
56) 4-Nitrophenol	10.010	139	14987	9.821	ng	99
57) 2,4-Dinitrotoluene	10.098	165	23926	12.550	ng	97
58) Fluorene	10.475	166	102188	10.427	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	24700	11.383	ng	98
60) Diethylphthalate	10.345	149	98124	10.042	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	49807	10.185	ng	99
62) 4-Nitroaniline	10.475	138	18734	11.535	ng	99
63) Azobenzene	10.628	77	92921	10.089	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	7613	13.997	ng	99
66) n-Nitrosodiphenylamine	10.580	169	87213	9.996	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	30749	9.808	ng	96
68) Hexachlorobenzene	11.016	284	31487	9.561	ng	96
69) Atrazine	11.104	200	26319	10.090	ng	99
70) Pentachlorophenol	11.210	266	16913	9.143	ng	98
71) Phenanthrene	11.433	178	149948	10.258	ng	100
72) Anthracene	11.486	178	151873	10.360	ng	100
73) Carbazole	11.639	167	128518	10.401	ng	99
74) Di-n-butylphthalate	11.974	149	144482	10.414	ng	99
75) Fluoranthene	12.621	202	144943	10.797	ng	99
77) Benzidine	12.745	184	63582	14.807	ng	99
78) Pyrene	12.851	202	146021	9.428	ng	100
80) Butylbenzylphthalate	13.468	149	38857	10.633	ng	97
81) Benzo(a)anthracene	14.039	228	119349	9.817	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	33376	10.071	ng	98
83) Chrysene	14.074	228	104420	9.555	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	53684	10.179	ng	99
85) Di-n-octyl phthalate	14.645	149	80304	7.211	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	102172	9.133	ng	99
88) Benzo(b)fluoranthene	15.086	252	95519	9.879	ng	99
89) Benzo(k)fluoranthene	15.115	252	83204	9.951	ng	99
90) Benzo(a)pyrene	15.457	252	83394	10.034	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	85360	9.277	ng	99
92) Benzo(g,h,i)perylene	17.456	276	82634	9.322	ng	99

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

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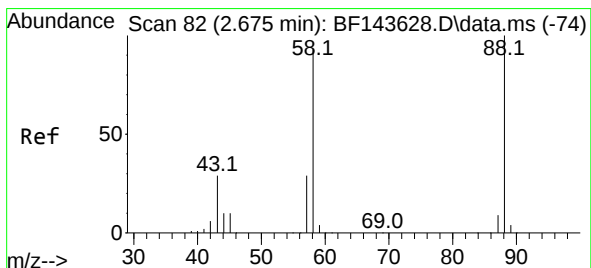
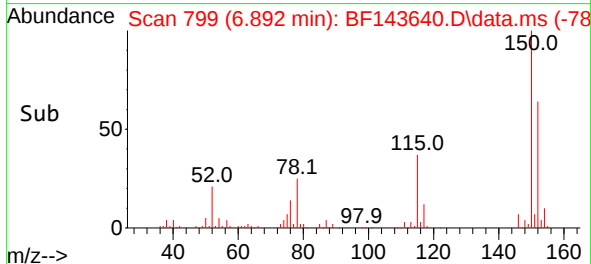
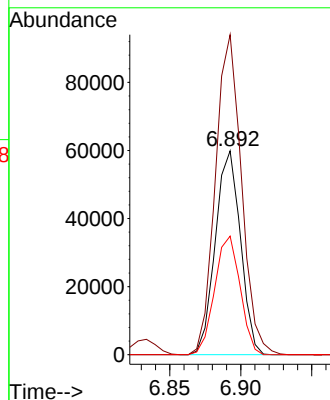
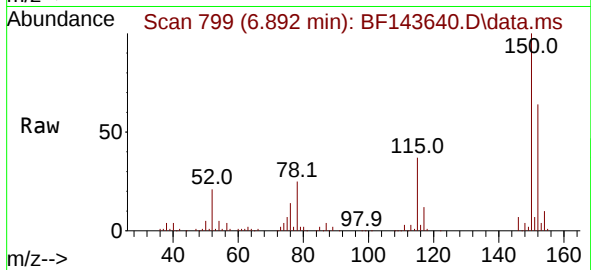




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143640.D
 Acq: 04 Sep 2025 13:15

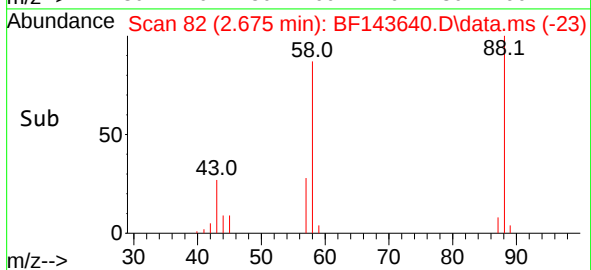
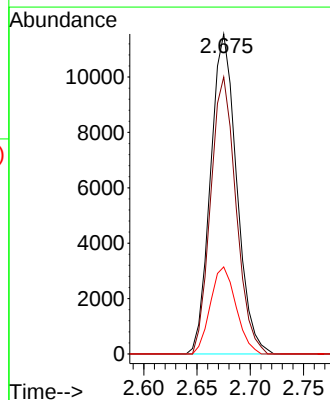
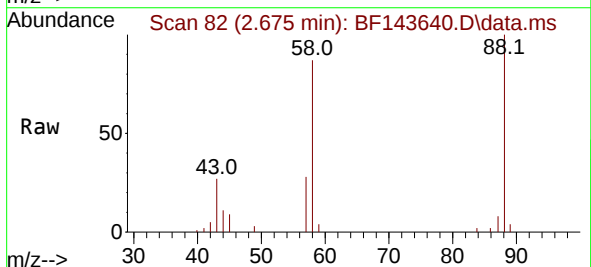
Instrument :
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 LOQ-SOIL-02-QT3-2025

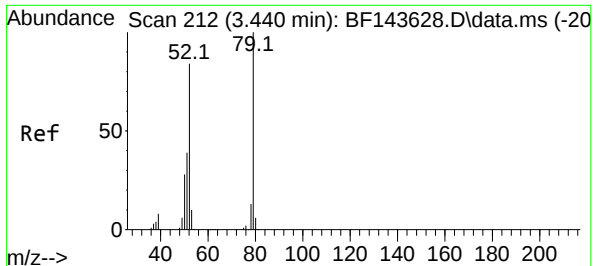
Tgt Ion:152 Resp: 73601
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.4 192.6
 115 58.1 47.9 71.9



#2
 1,4-Dioxane
 Concen: 10.052 ng
 RT: 2.675 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: BF143640.D
 Acq: 04 Sep 2025 13:15

Tgt Ion: 88 Resp: 19703
 Ion Ratio Lower Upper
 88 100
 58 83.9 73.9 110.9
 43 26.6 23.4 35.2





#3

Pyridine

Concen: 8.732 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143640.D

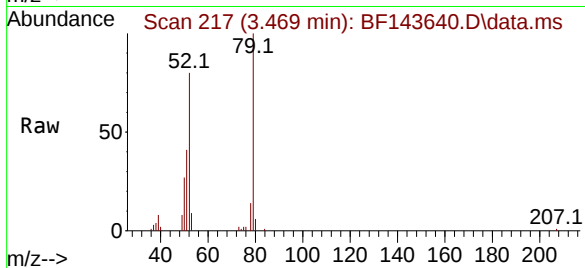
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Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025



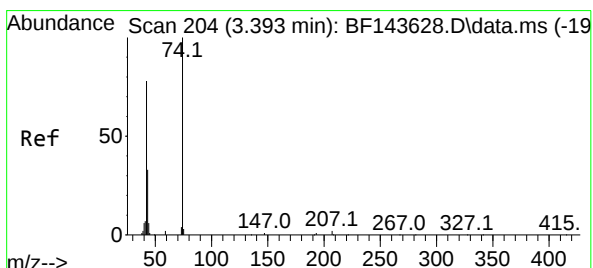
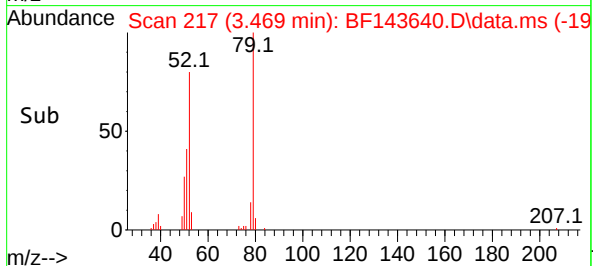
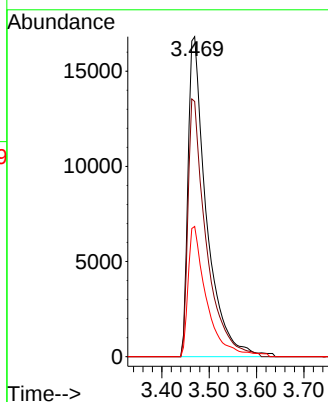
Tgt Ion: 79 Resp: 45348

Ion Ratio Lower Upper

79 100

52 79.8 67.4 101.2

51 40.7 31.0 46.6



#4

n-Nitrosodimethylamine

Concen: 8.990 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.024 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

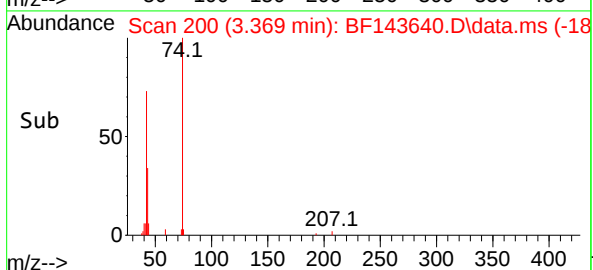
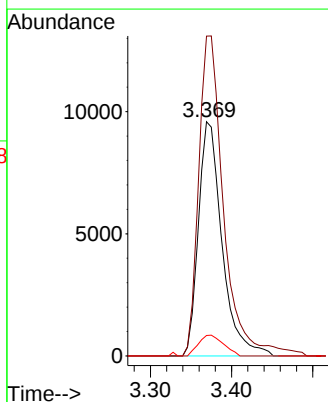
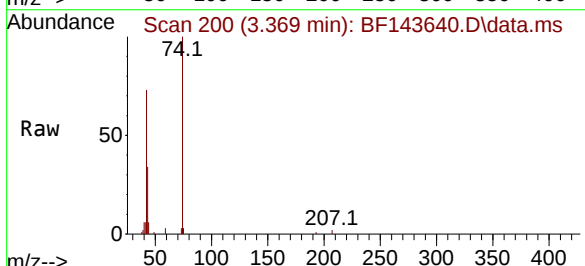
Tgt Ion: 42 Resp: 19390

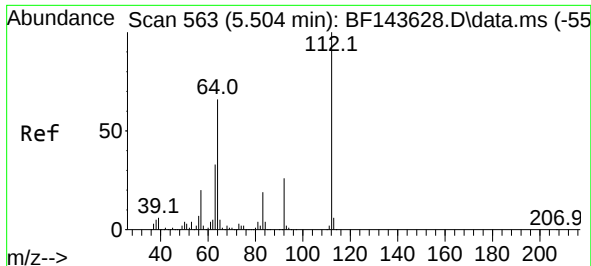
Ion Ratio Lower Upper

42 100

74 136.6 102.9 154.3

44 8.7 6.5 9.7

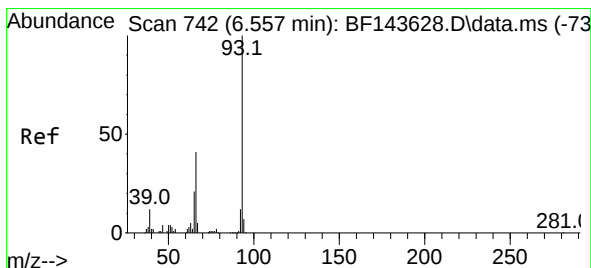
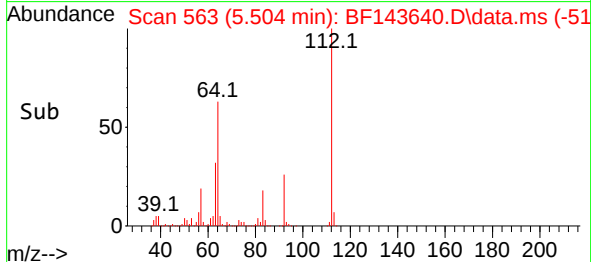
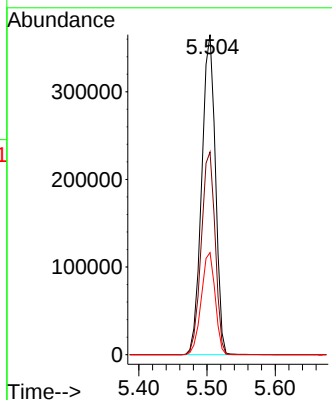
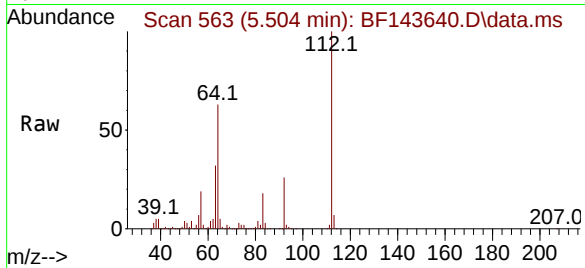




#5
2-Fluorophenol
Concen: 122.901 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

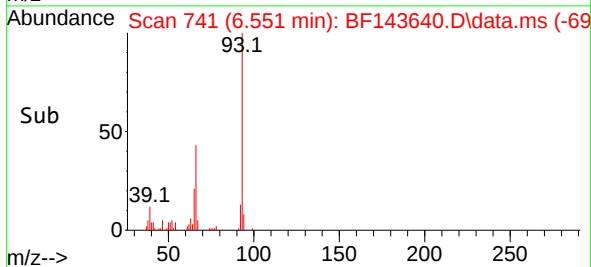
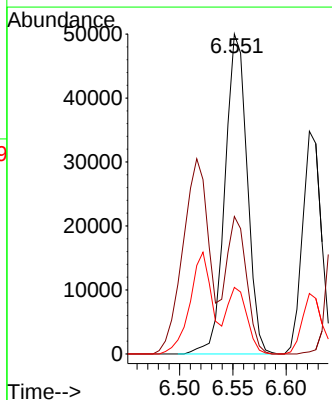
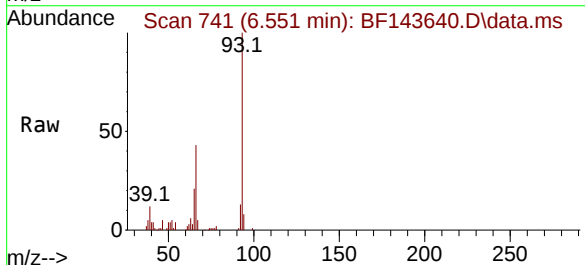
Instrument :
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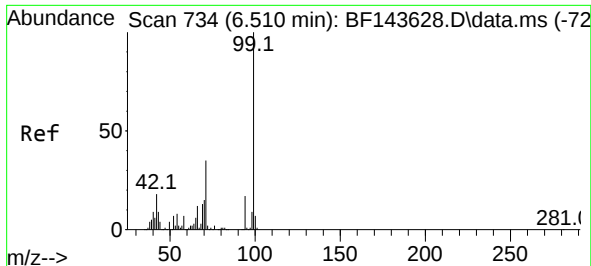
Tgt Ion:112 Resp: 510604
Ion Ratio Lower Upper
112 100
64 63.4 52.7 79.1
63 31.9 26.5 39.7



#6
Aniline
Concen: 10.067 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion: 93 Resp: 72258
Ion Ratio Lower Upper
93 100
66 42.9 34.6 51.8
65 20.8 16.9 25.3

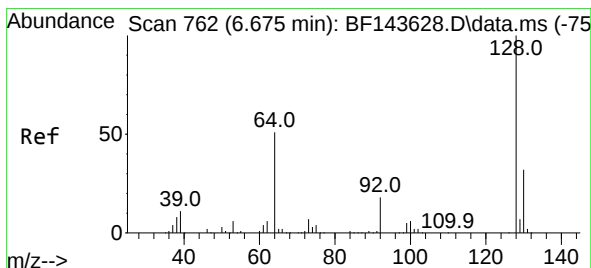
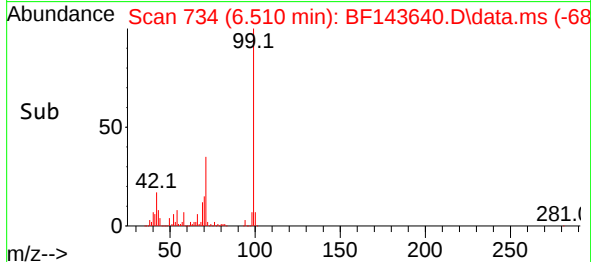
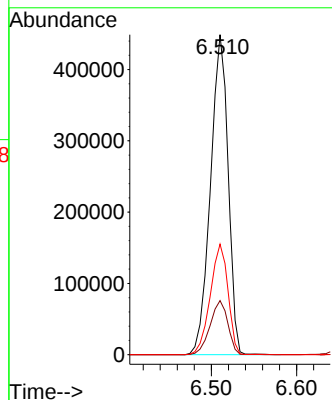
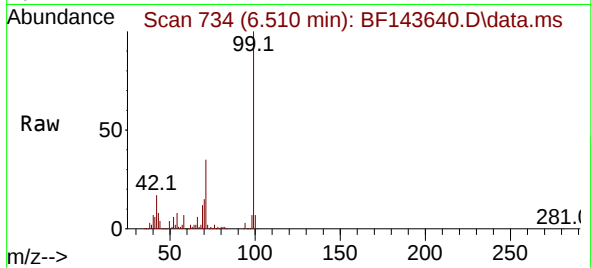




#7
Phenol-d6
Concen: 124.977 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

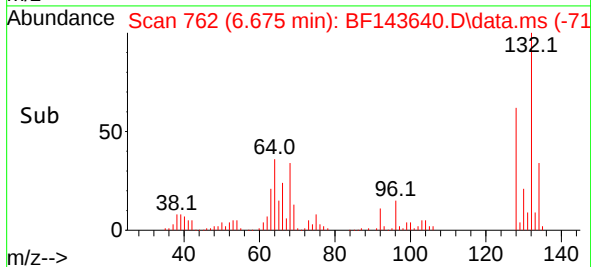
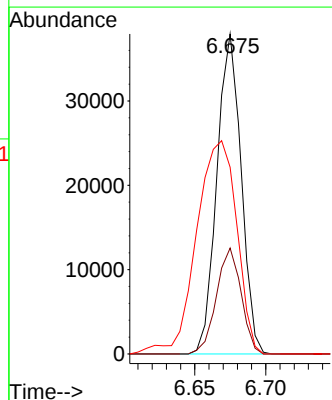
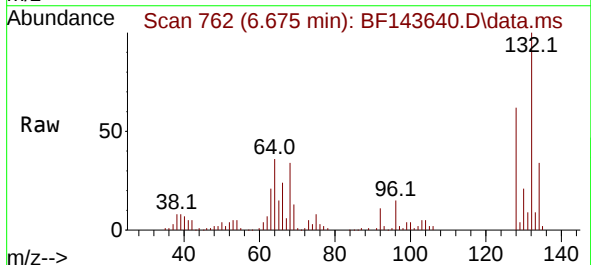
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ClientSampleId : LOQ-SOIL-02-QT3-2025

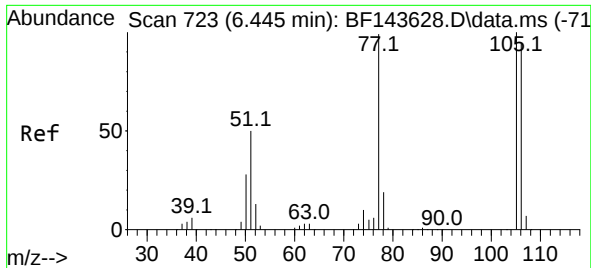
Tgt Ion: 99 Resp: 644436
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 34.5 28.0 42.0



#8
2-Chlorophenol
Concen: 10.461 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:128 Resp: 45010
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 58.4 32.9 72.9

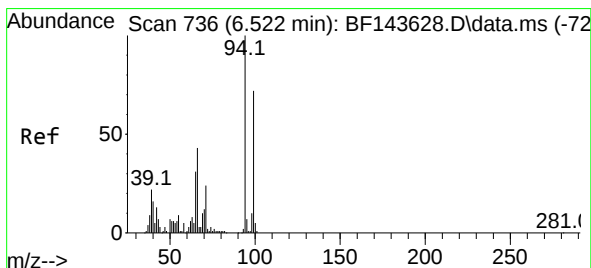
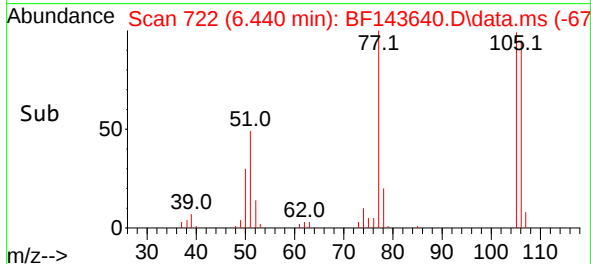
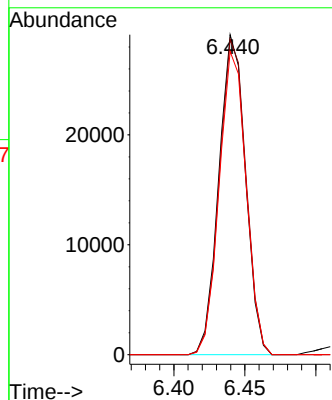
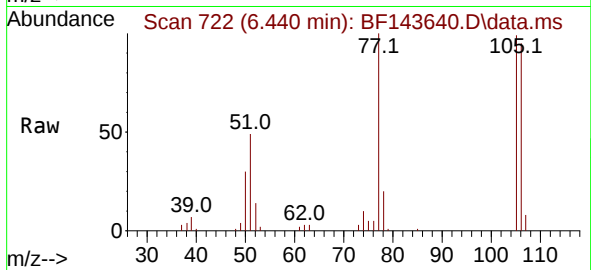




#9
Benzaldehyde
Concen: 9.864 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

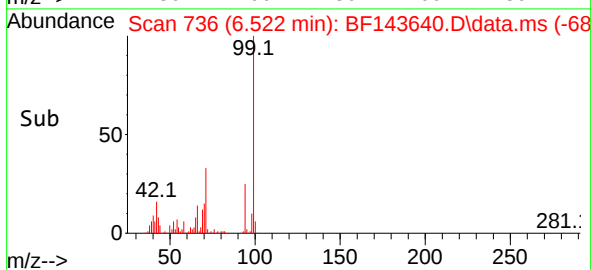
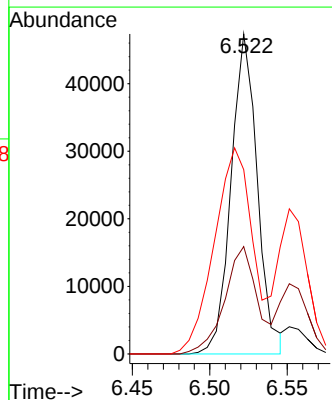
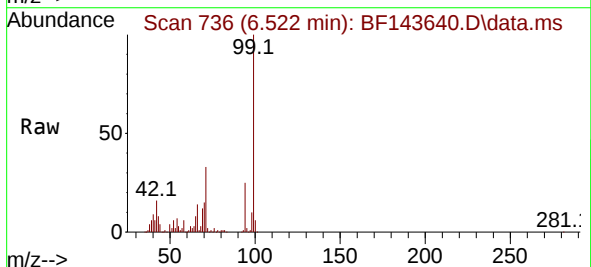
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2025

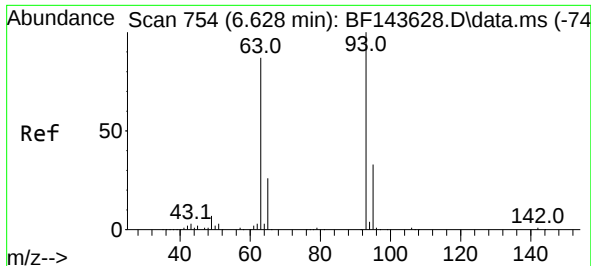
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Ion Ratio Lower Upper
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105 98.6 80.9 120.9
106 94.8 75.1 115.1



#10
Phenol
Concen: 9.858 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion: 94 Resp: 55730
Ion Ratio Lower Upper
94 100
65 33.6 11.4 51.4
66 57.6 23.7 63.7

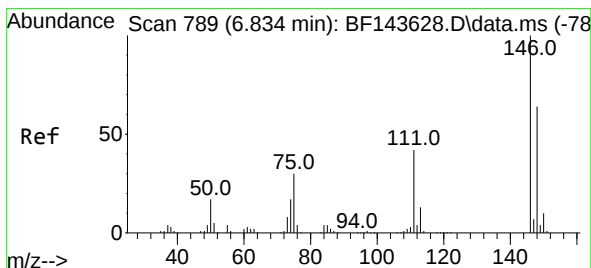
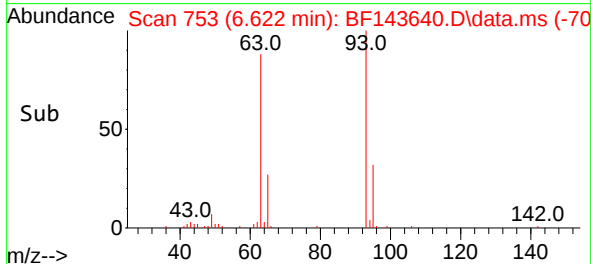
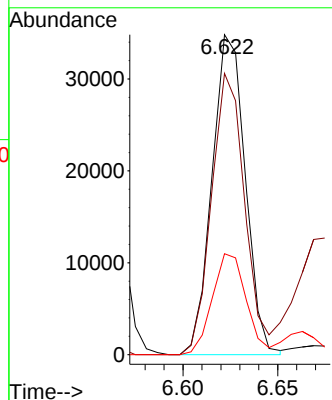
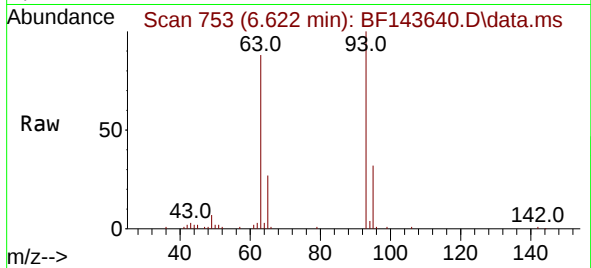




#11
bis(2-Chloroethyl)ether
Concen: 9.596 ng
RT: 6.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

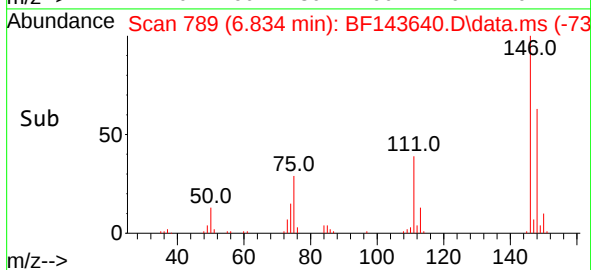
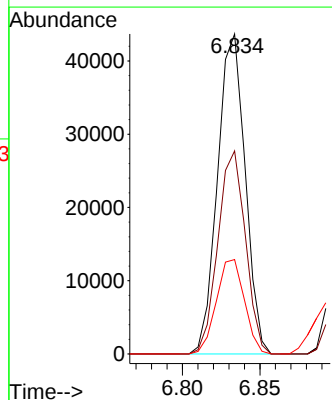
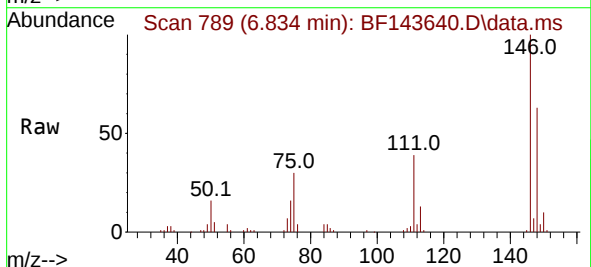
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

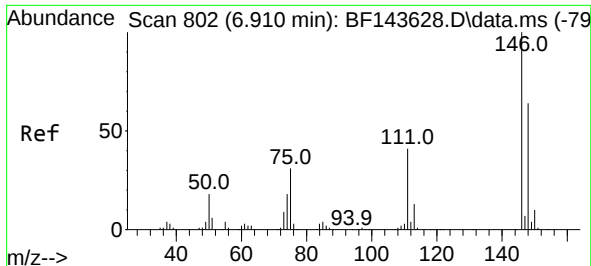
Tgt Ion: 93 Resp: 42486
Ion Ratio Lower Upper
93 100
63 87.9 66.5 106.5
95 31.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 10.197 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:146 Resp: 54145
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 29.5 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 10.423 ng

RT: 6.910 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

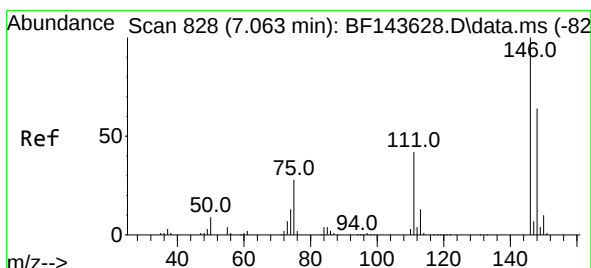
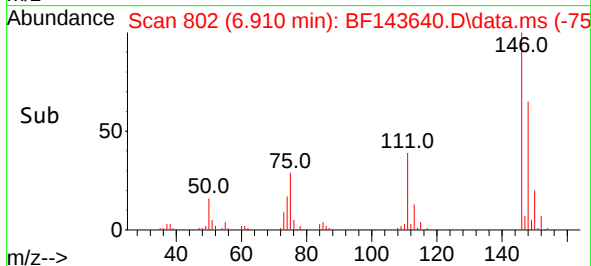
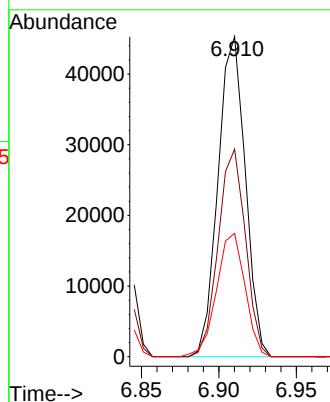
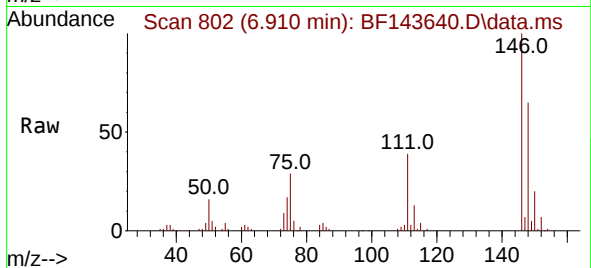
Tgt Ion:146 Resp: 55512

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

111 38.6 33.1 49.7



#14

1,2-Dichlorobenzene

Concen: 10.268 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

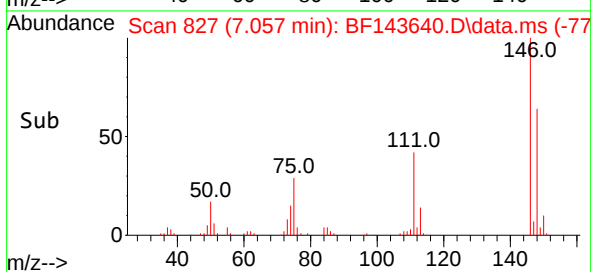
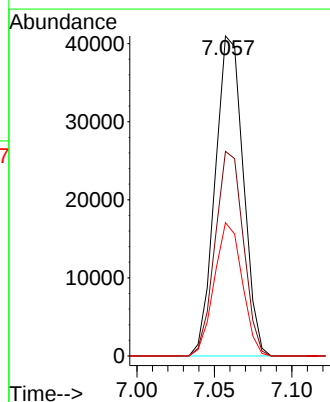
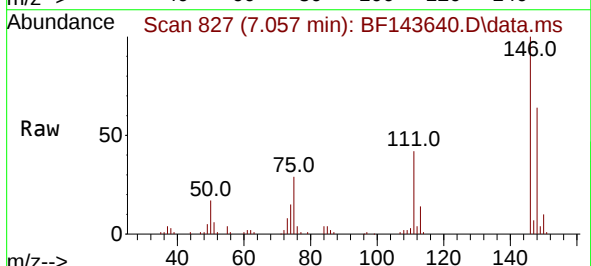
Tgt Ion:146 Resp: 51753

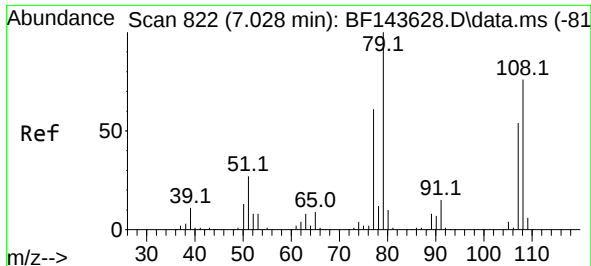
Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 41.7 33.9 50.9

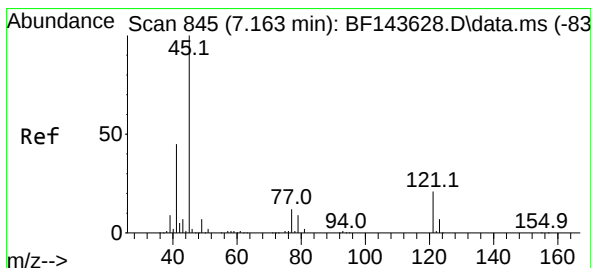
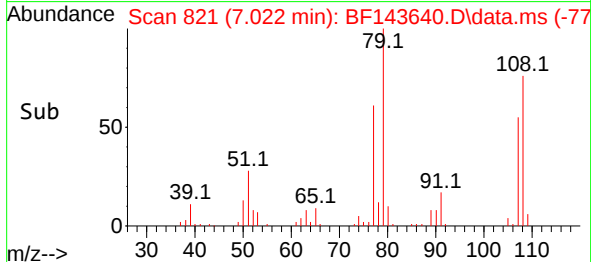
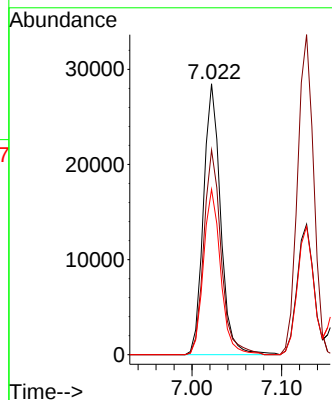
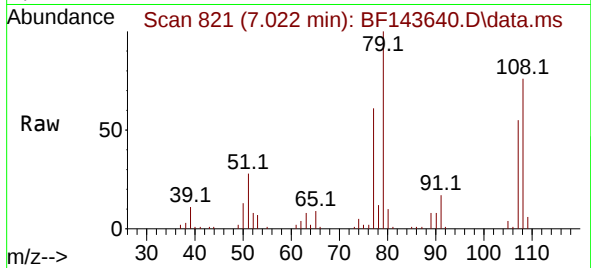




#15
Benzyl Alcohol
Concen: 9.640 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

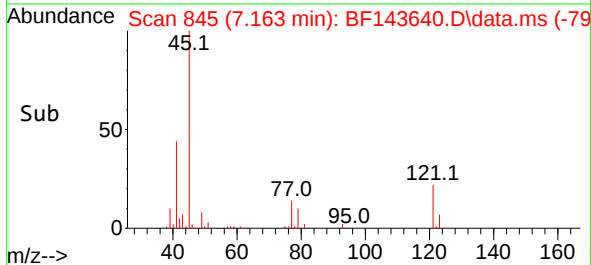
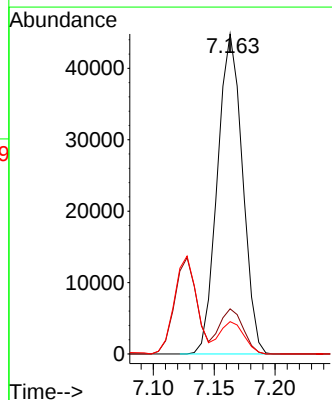
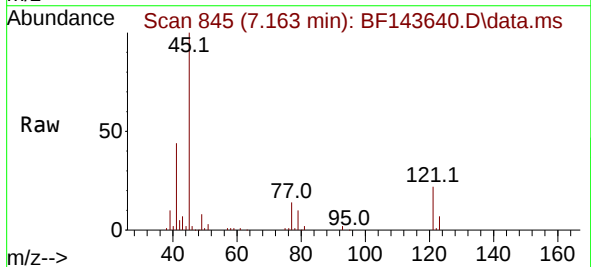
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

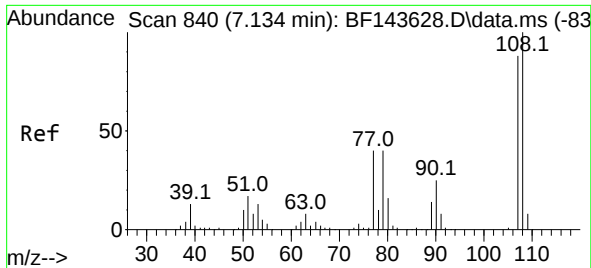
Tgt Ion:	79	Resp:	37770
Ion Ratio	Lower	Upper	
79	100		
108	75.6	60.9	91.3
77	61.0	48.4	72.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.213 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:	45	Resp:	64199
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	33.5
79	10.1	0.0	29.8

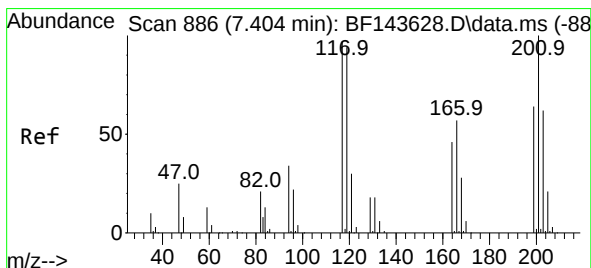
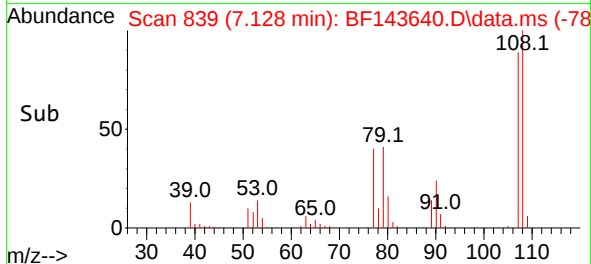
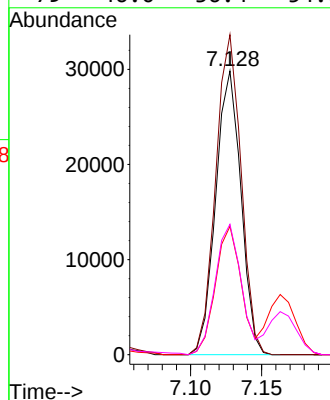
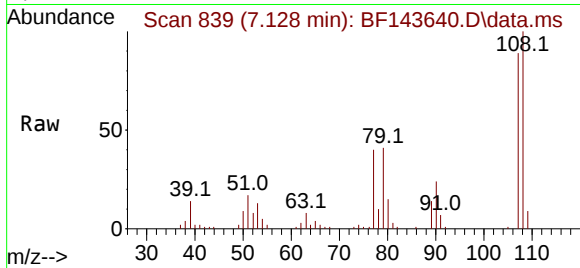




#17
2-Methylphenol
Concen: 9.800 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

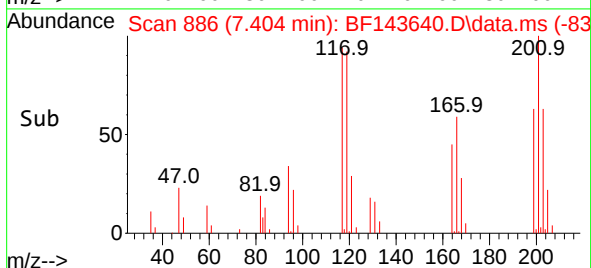
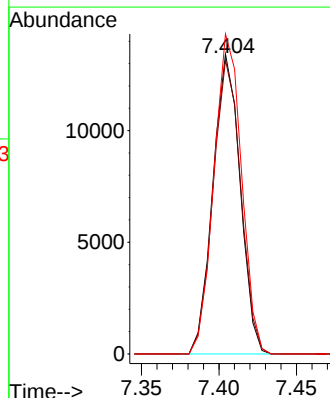
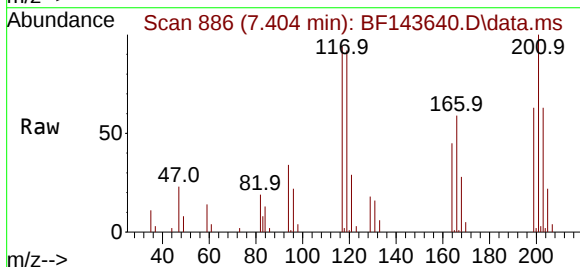
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:	107	Resp:	36866
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.5	135.7
77	45.3	35.9	53.9
79	46.0	36.4	54.6



#18
Hexachloroethane
Concen: 9.864 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:	117	Resp:	16389
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.7	116.5
201	106.7	82.7	124.1

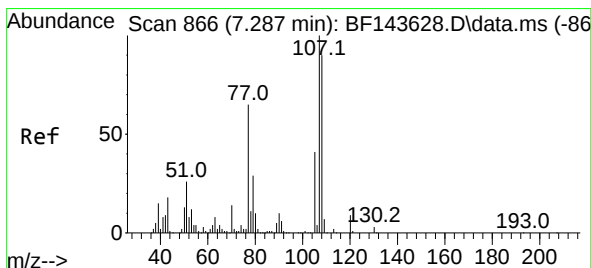
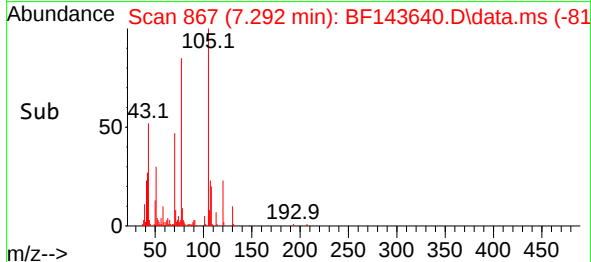
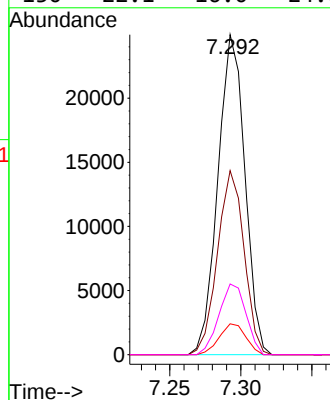
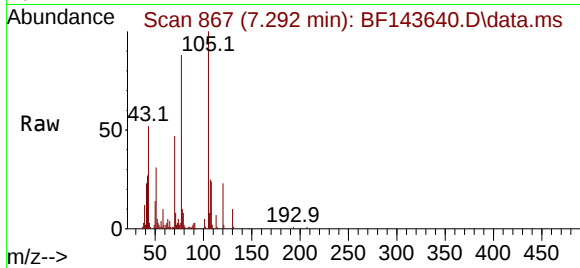




#19
n-Nitroso-di-n-propylamine
Concen: 10.029 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

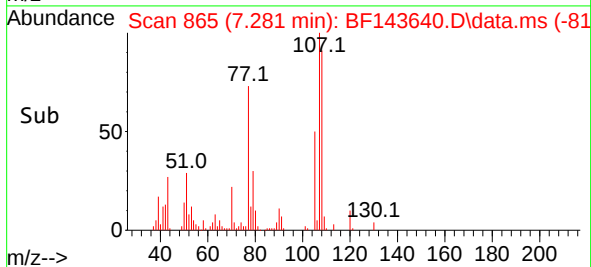
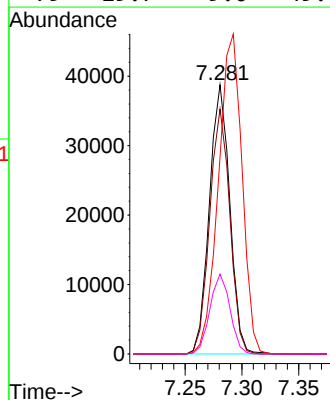
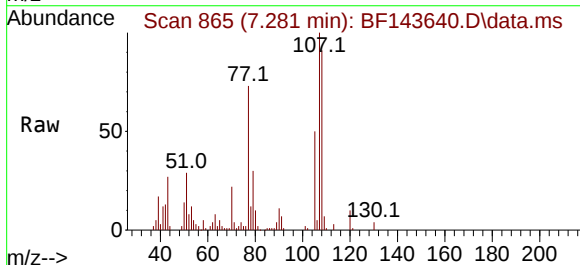
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

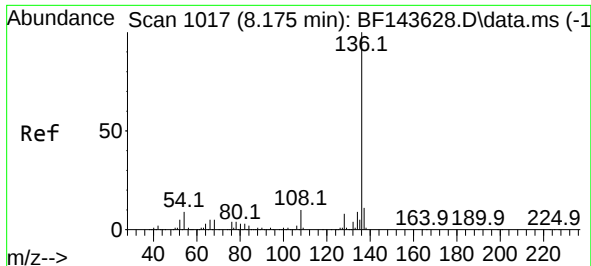
Tgt Ion:	70	Resp:	32931
Ion	Ratio	Lower	Upper
70	100		
42	57.5	45.2	67.8
101	9.7	7.6	11.4
130	22.1	16.0	24.0



#20
3+4-Methylphenols
Concen: 10.194 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:	107	Resp:	48271
Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.6	109.6
77	73.1	45.5	85.5
79	29.7	9.0	49.0

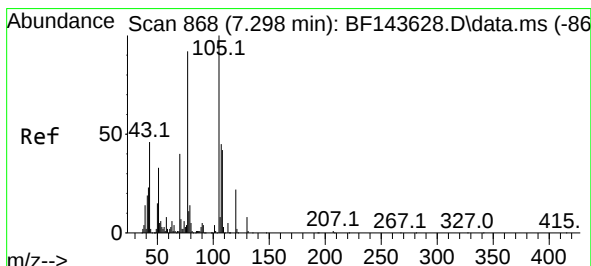
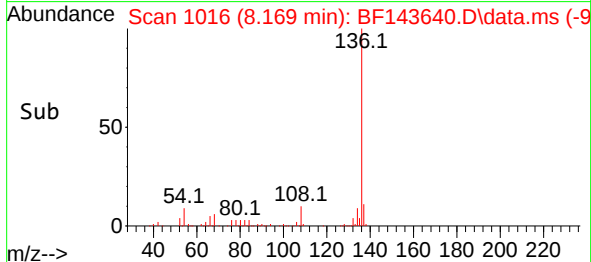
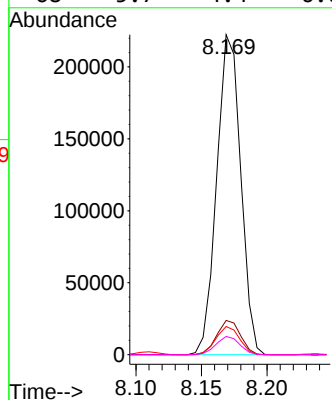
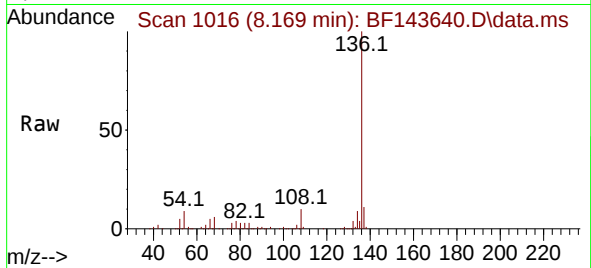




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

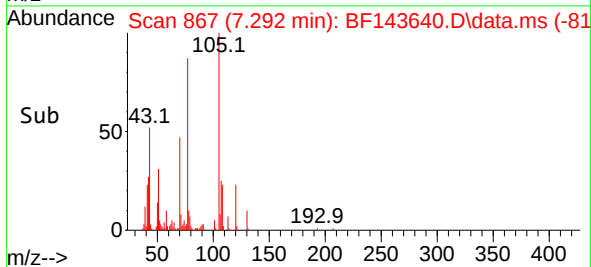
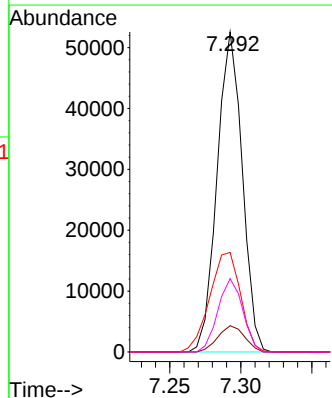
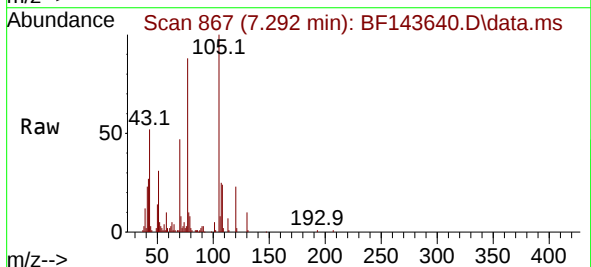
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

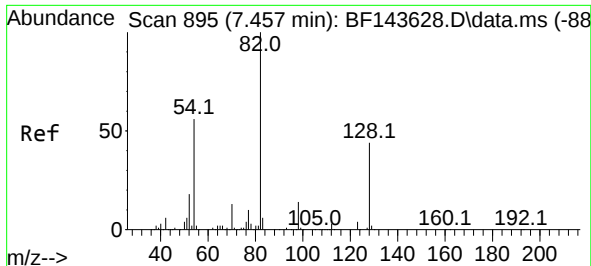
Tgt Ion:136 Resp: 282768
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.8 7.3 10.9
68 5.7 4.4 6.6



#22
Acetophenone
Concen: 10.109 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:105 Resp: 64643
Ion Ratio Lower Upper
105 100
71 8.2 5.3 7.9#
51 31.1 26.7 40.1
120 22.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 100.666 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

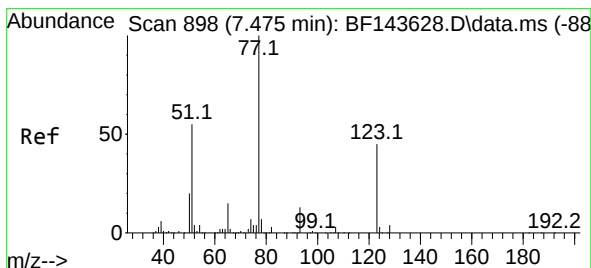
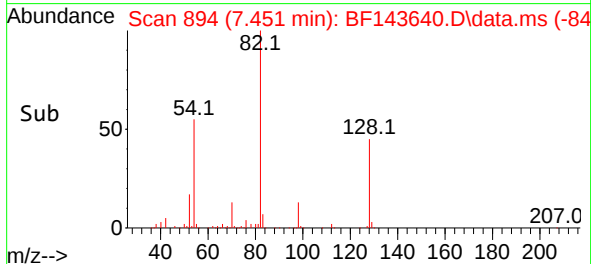
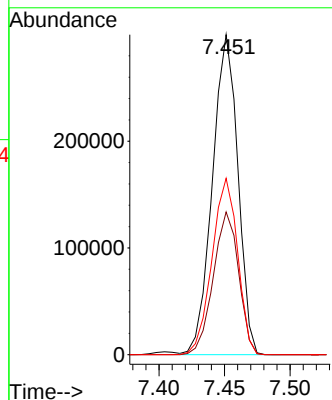
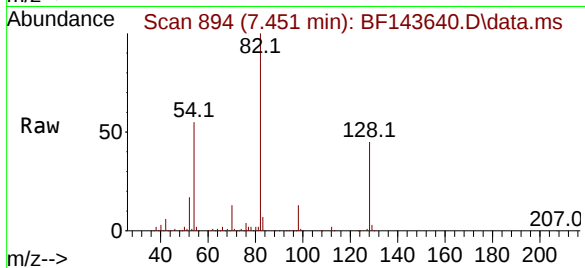
Tgt Ion: 82 Resp: 405005

Ion Ratio Lower Upper

82 100

128 44.6 34.7 52.1

54 55.1 44.8 67.2



#24

Nitrobenzene

Concen: 11.129 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

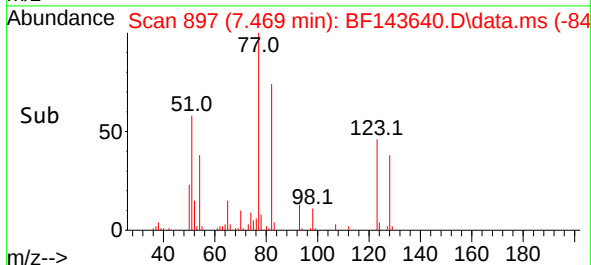
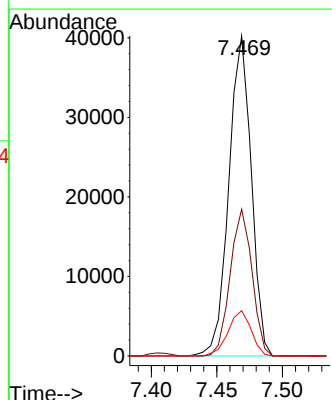
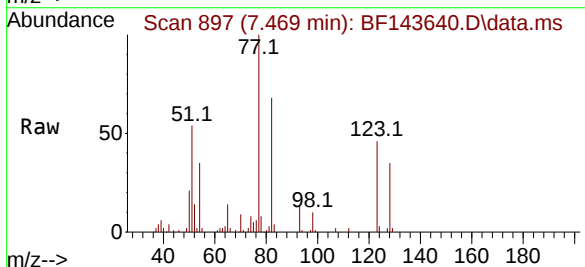
Tgt Ion: 77 Resp: 47875

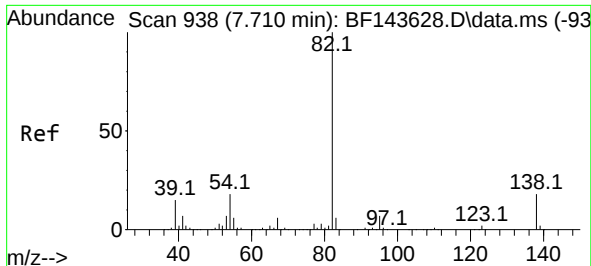
Ion Ratio Lower Upper

77 100

123 45.9 36.2 54.4

65 14.2 11.8 17.8

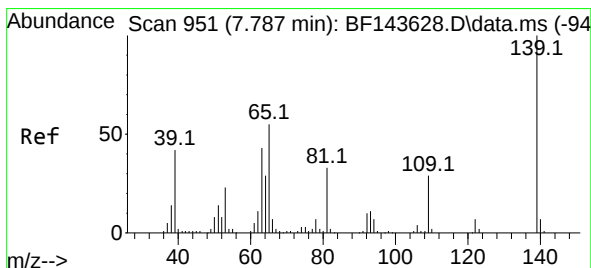
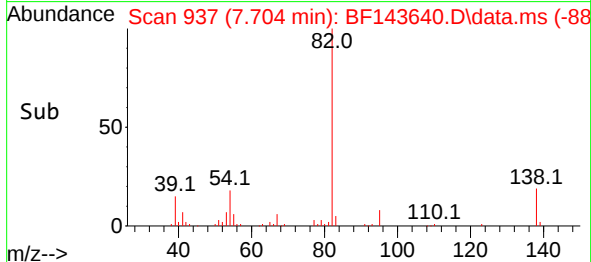
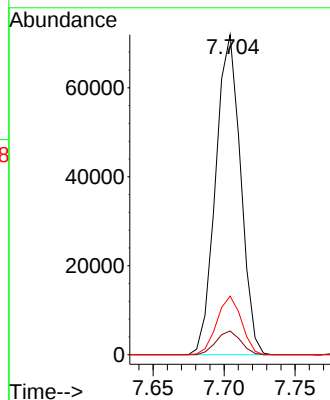
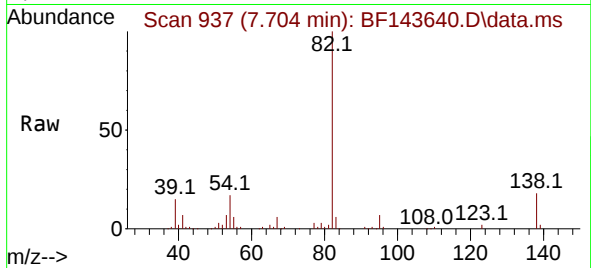




#25
Isophorone
Concen: 9.674 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

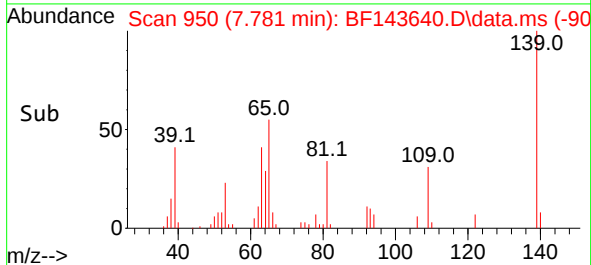
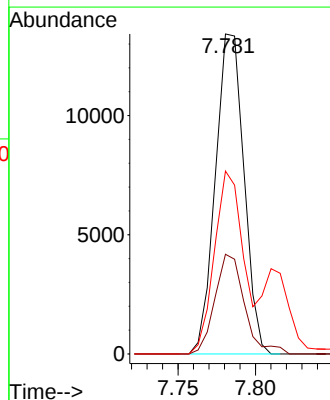
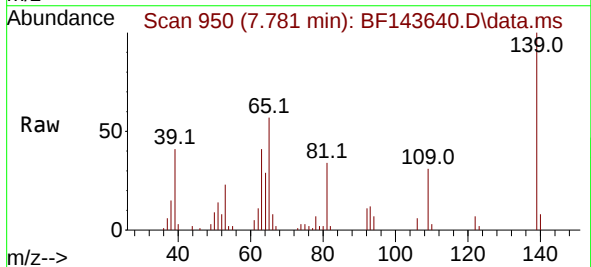
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

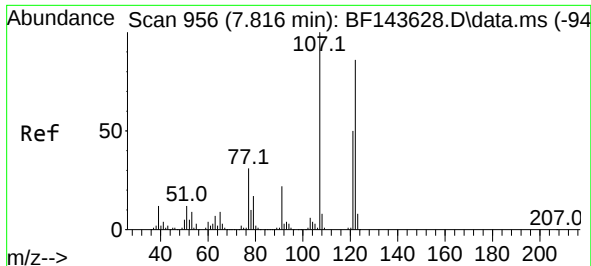
Tgt Ion: 82 Resp: 87704
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 18.3 14.2 21.2



#26
2-Nitrophenol
Concen: 13.565 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion: 139 Resp: 17237
Ion Ratio Lower Upper
139 100
109 31.2 23.5 35.3
65 57.1 44.1 66.1





#27

2,4-Dimethylphenol

Concen: 11.255 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143640.D

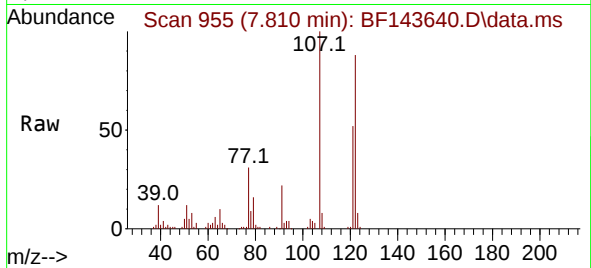
Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025



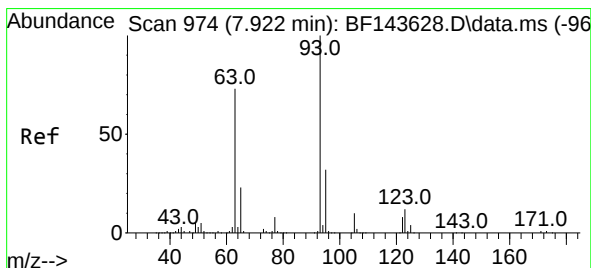
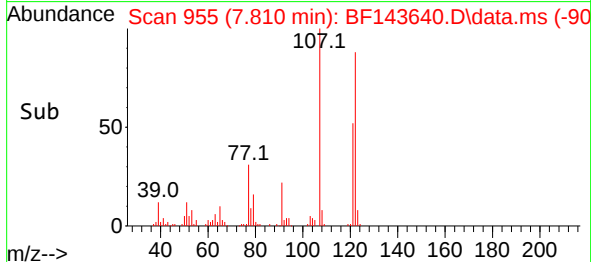
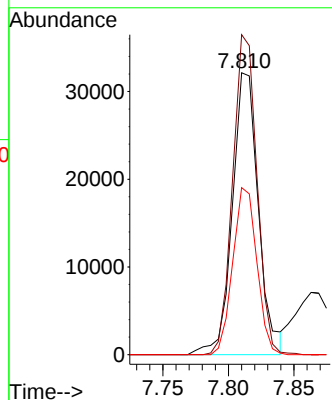
Tgt Ion:122 Resp: 44427

Ion Ratio Lower Upper

122 100

107 113.5 93.4 140.0

121 59.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 9.778 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

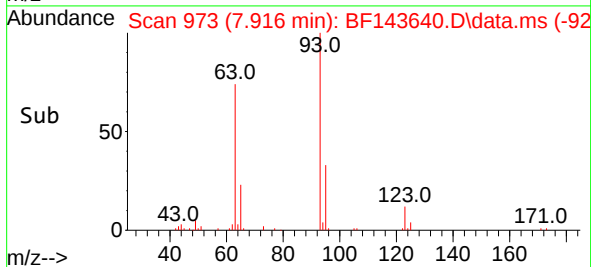
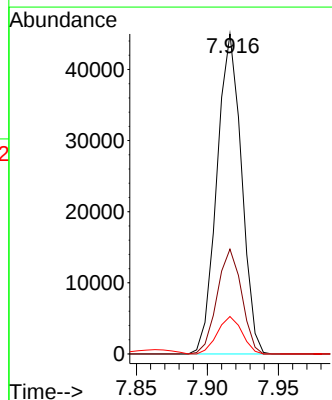
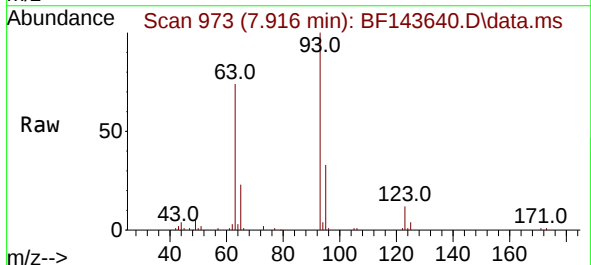
Tgt Ion: 93 Resp: 54192

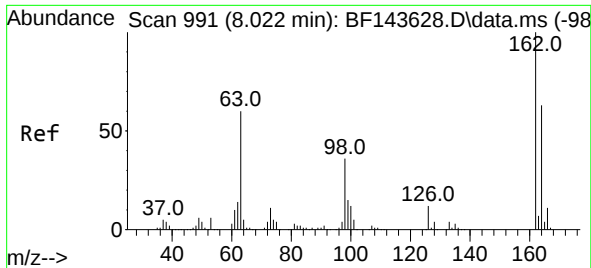
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 11.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 10.118 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

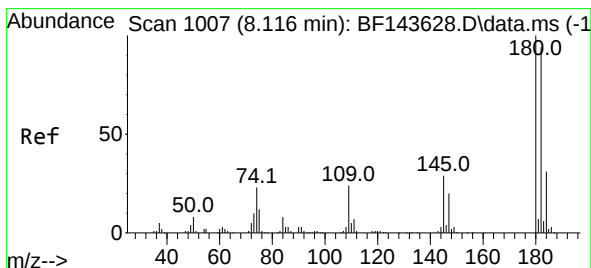
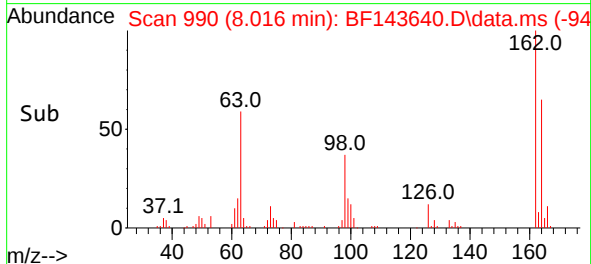
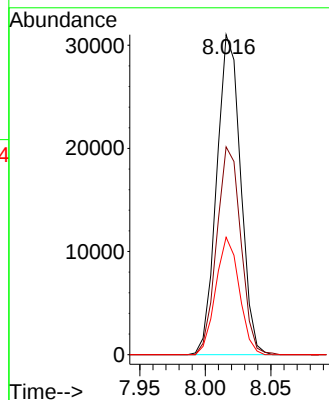
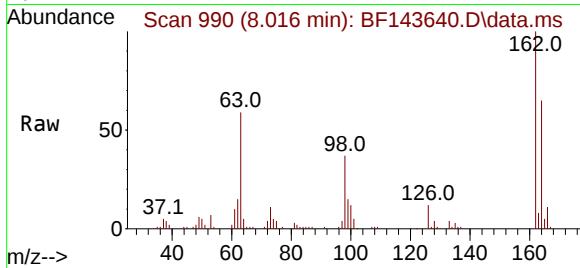
Tgt Ion:162 Resp: 39189

Ion Ratio Lower Upper

162 100

164 65.0 42.9 82.9

98 36.7 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 10.654 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

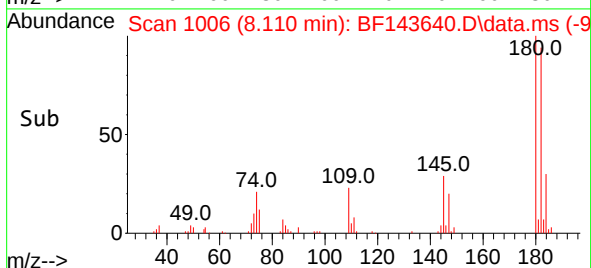
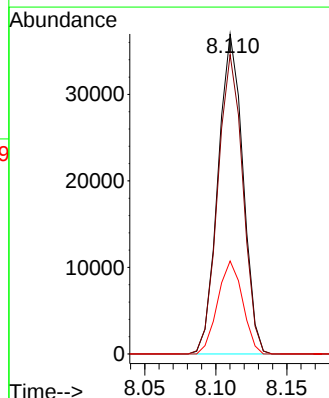
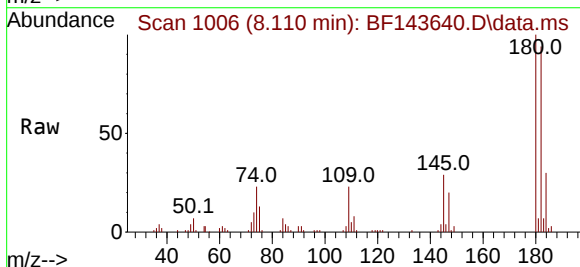
Tgt Ion:180 Resp: 44971

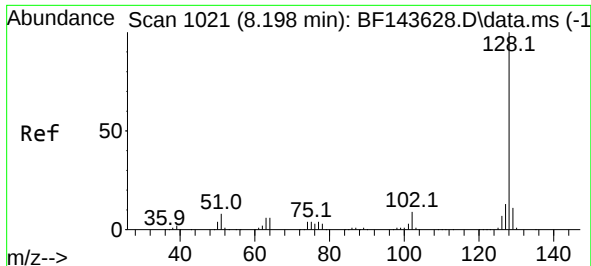
Ion Ratio Lower Upper

180 100

182 93.6 75.2 112.8

145 29.0 23.6 35.4

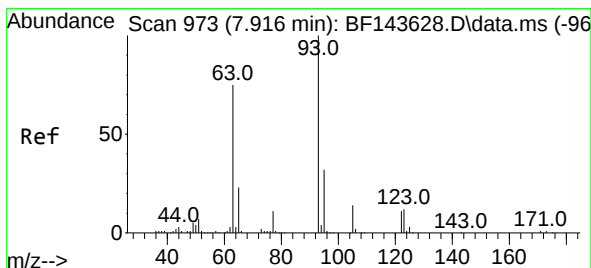
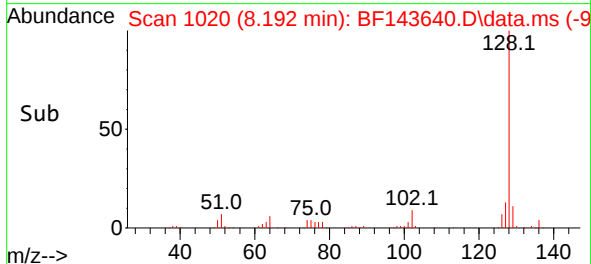
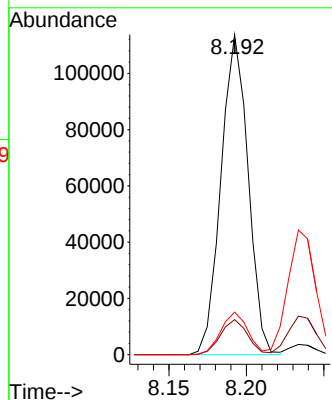
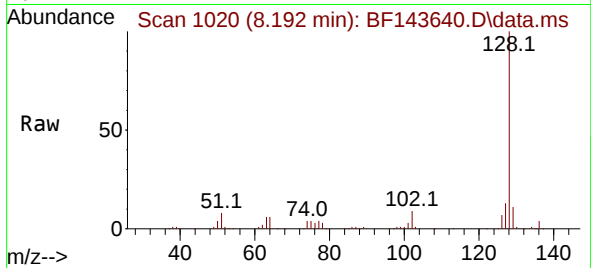




#31
Naphthalene
Concen: 10.011 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

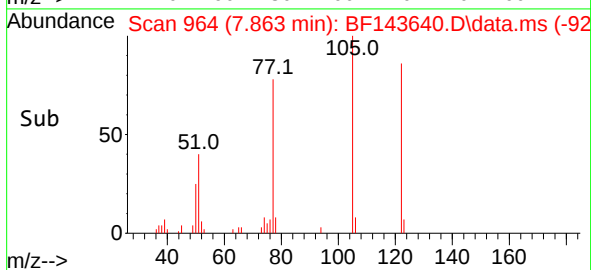
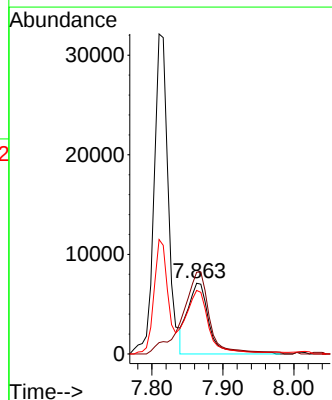
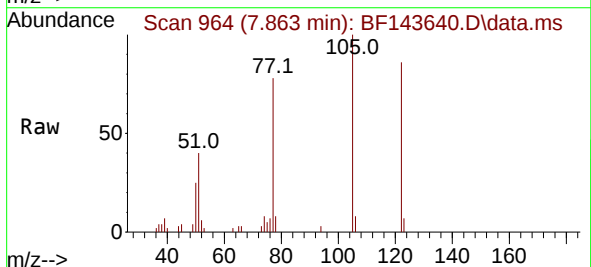
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

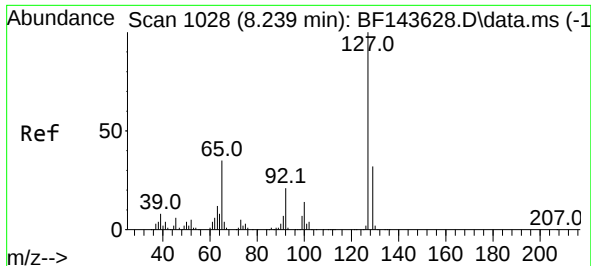
Tgt Ion:128 Resp: 138469
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 12.834 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.053 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:122 Resp: 15115
Ion Ratio Lower Upper
122 100
105 115.8 105.9 145.9
77 89.9 78.6 118.6

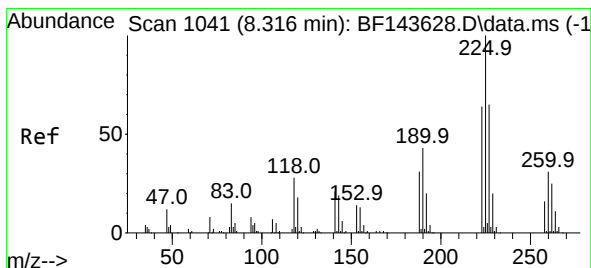
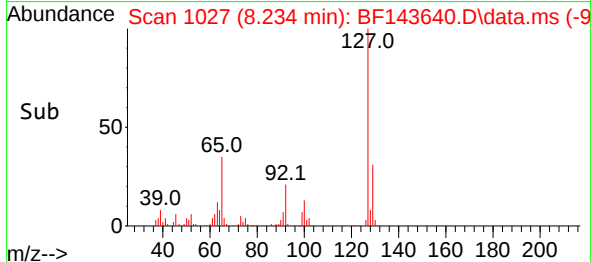
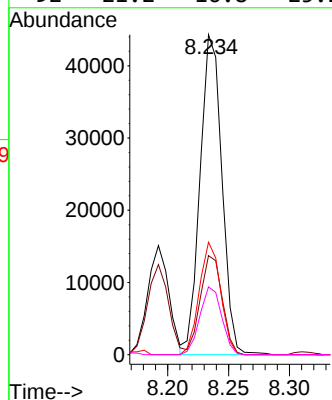
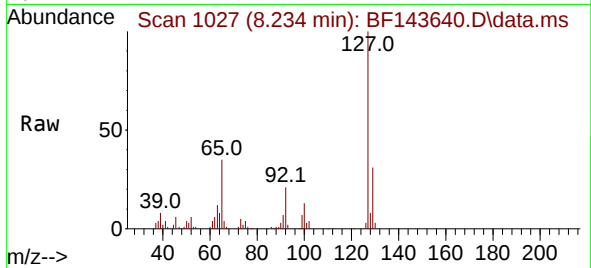




#33
4-Chloroaniline
Concen: 11.544 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

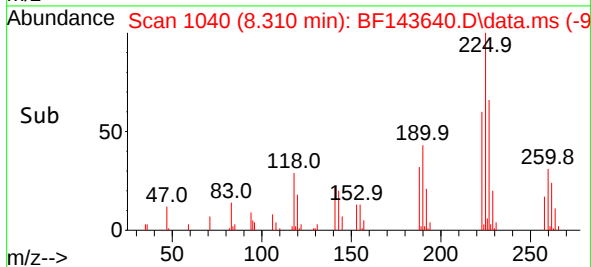
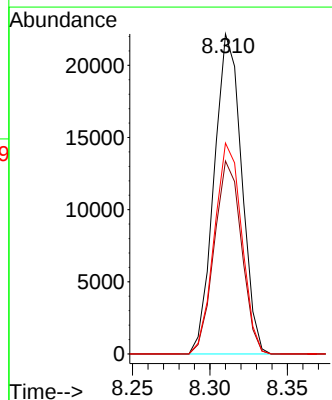
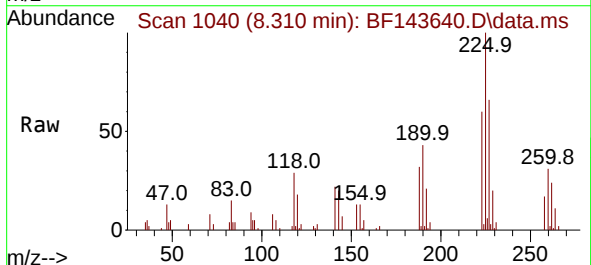
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

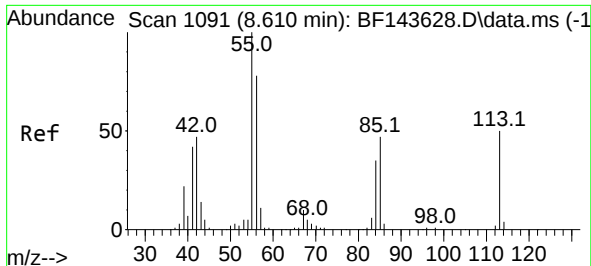
Tgt Ion:127	Resp:	55285
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.2 39.2
65	35.2	27.6 41.4
92	21.2	16.8 25.2



#34
Hexachlorobutadiene
Concen: 9.968 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:225	Resp:	27369
Ion Ratio	Lower	Upper
225	100	
223	60.3	51.3 76.9
227	65.9	51.7 77.5

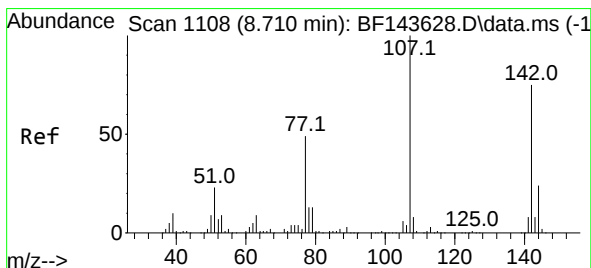
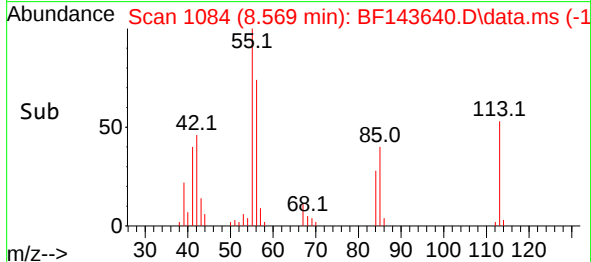
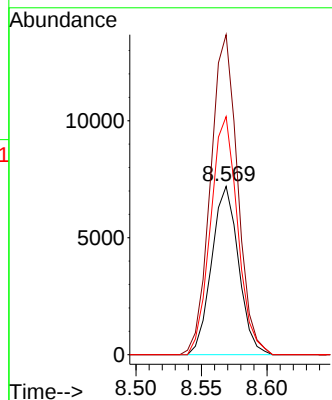
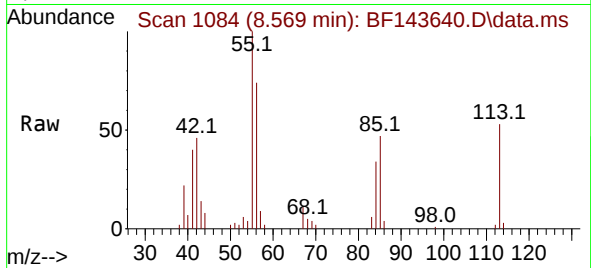




#35
 Caprolactam
 Concen: 9.875 ng
 RT: 8.569 min Scan# 1107
 Delta R.T. -0.041 min
 Lab File: BF143640.D
 Acq: 04 Sep 2025 13:15

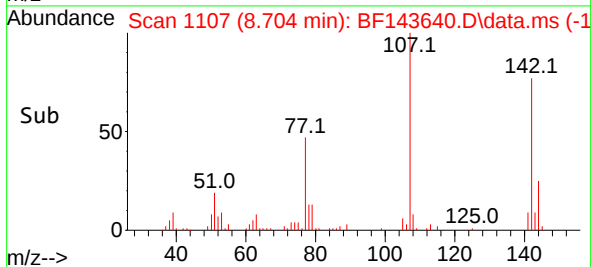
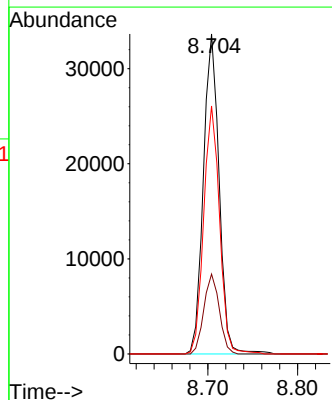
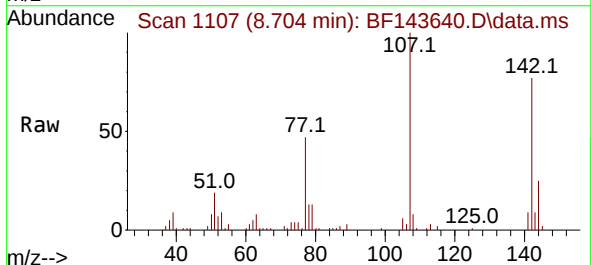
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

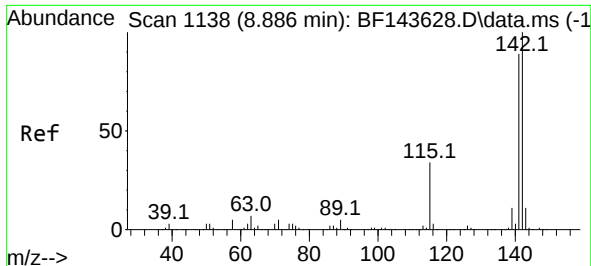
Tgt Ion:113 Resp: 10250
 Ion Ratio Lower Upper
 113 100
 55 190.1 180.5 220.5
 56 141.4 134.8 174.8



#36
 4-Chloro-3-methylphenol
 Concen: 10.099 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF143640.D
 Acq: 04 Sep 2025 13:15

Tgt Ion:107 Resp: 40960
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.6
 142 77.5 60.3 90.5

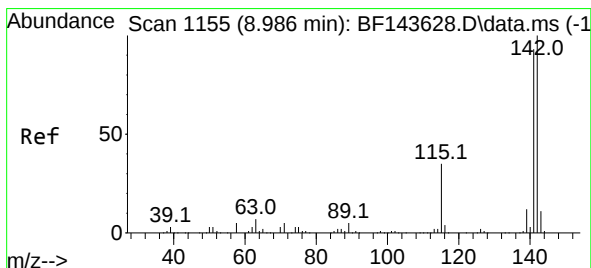
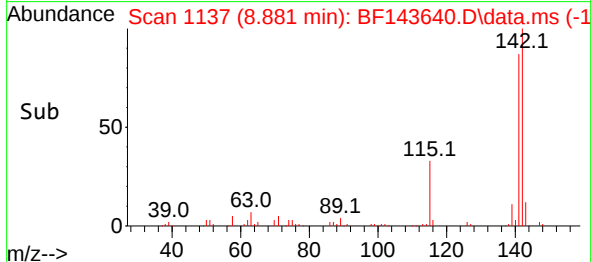
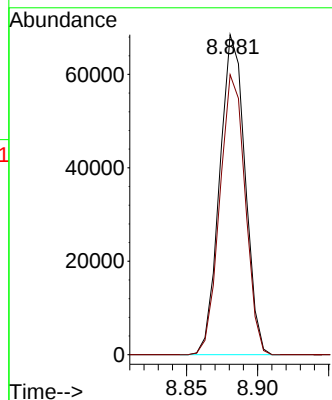
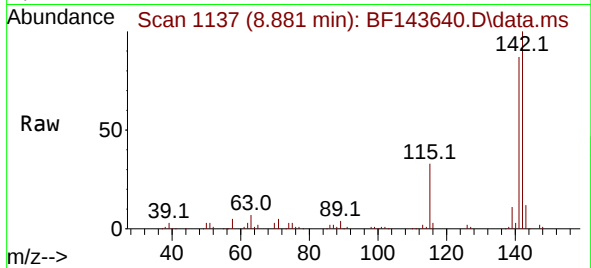




#37
2-Methylnaphthalene
Concen: 9.109 ng
RT: 8.881 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

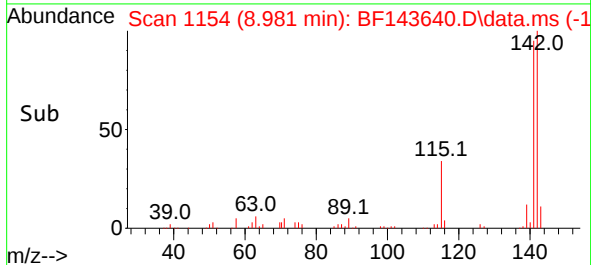
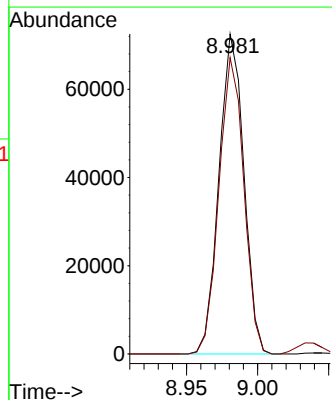
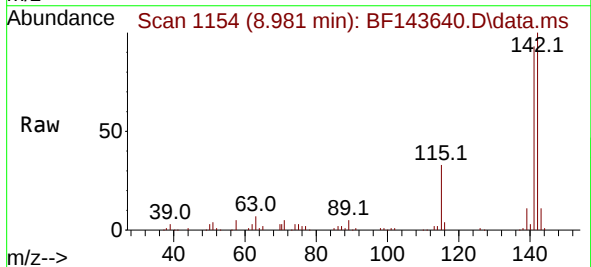
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

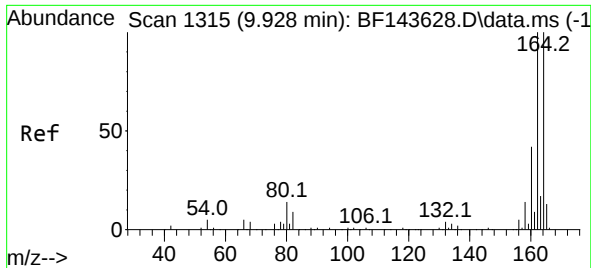
Tgt Ion:142 Resp: 85221
Ion Ratio Lower Upper
142 100
141 87.5 70.8 106.2



#38
1-Methylnaphthalene
Concen: 9.869 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:142 Resp: 88278
Ion Ratio Lower Upper
142 100
141 92.6 74.5 111.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

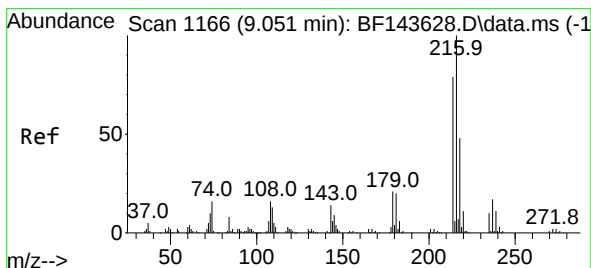
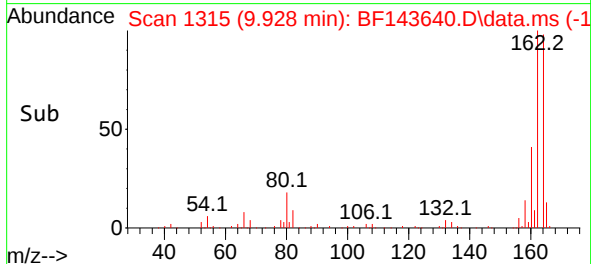
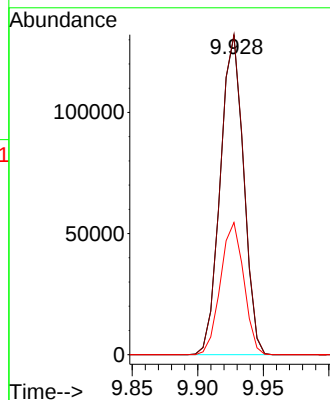
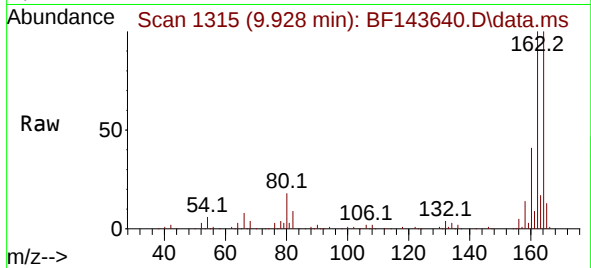
Tgt Ion:164 Resp: 162540

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 41.5 34.0 51.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.017 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Tgt Ion:216 Resp: 44998

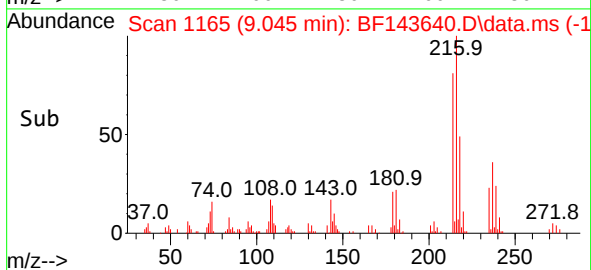
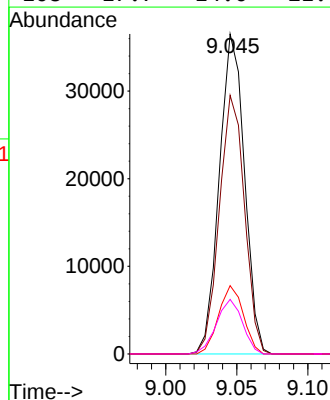
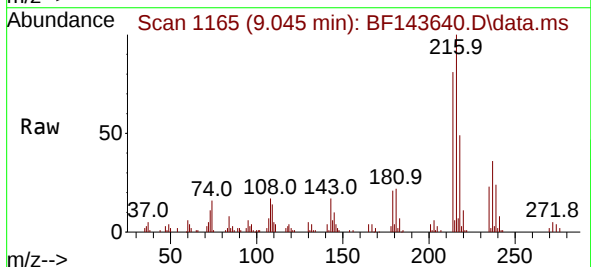
Ion Ratio Lower Upper

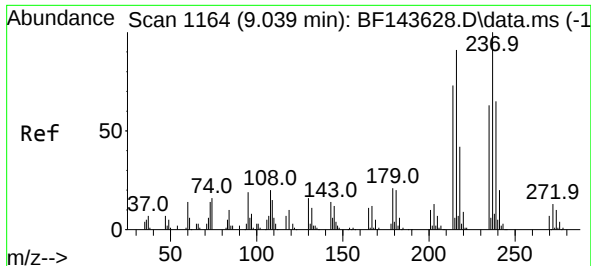
216 100

214 80.7 63.3 94.9

179 21.0 17.2 25.8

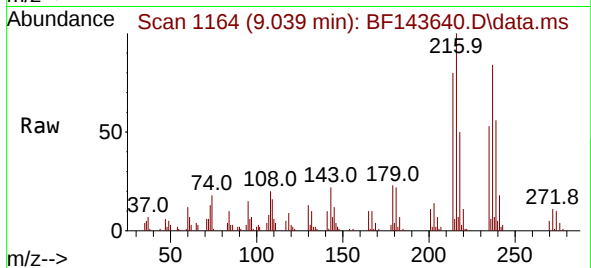
108 17.7 14.0 21.0



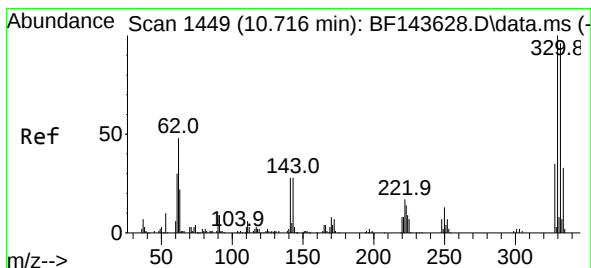
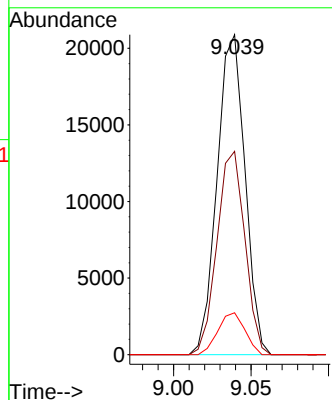
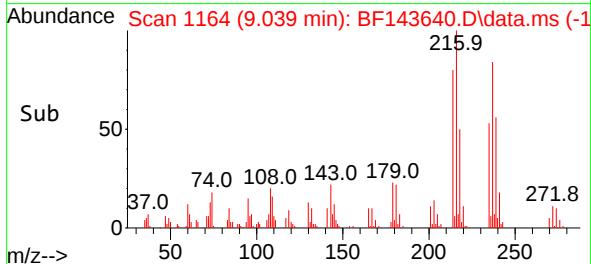


#41
Hexachlorocyclopentadiene
Concen: 11.995 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

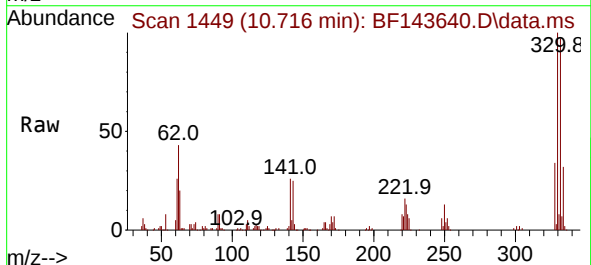
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



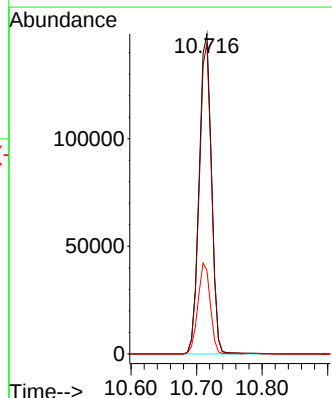
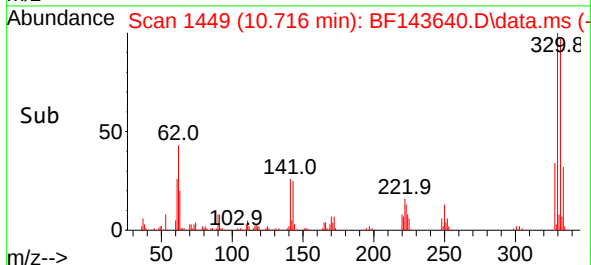
Tgt Ion:237 Resp: 26165
Ion Ratio Lower Upper
237 100
235 63.6 43.0 83.0
272 13.1 0.0 32.9

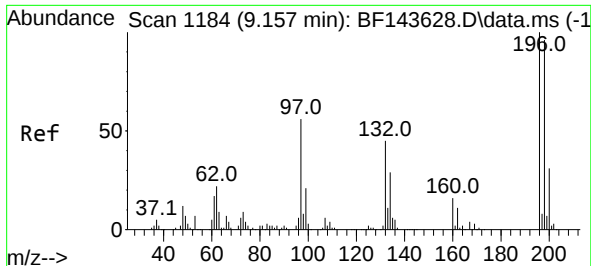


#42
2,4,6-Tribromophenol
Concen: 143.311 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15



Tgt Ion:330 Resp: 194788
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 28.4 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 9.677 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

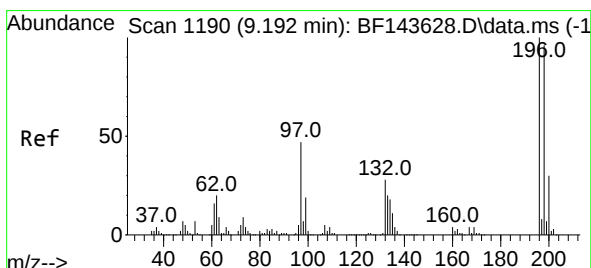
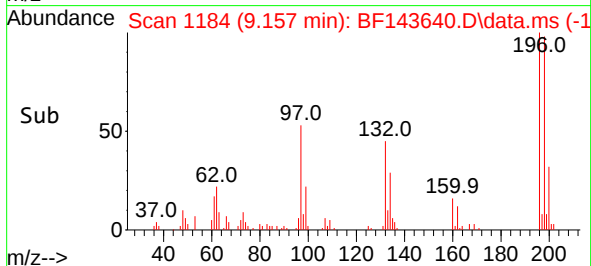
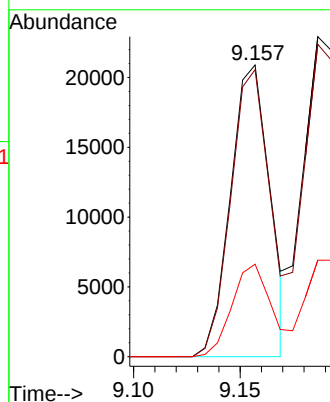
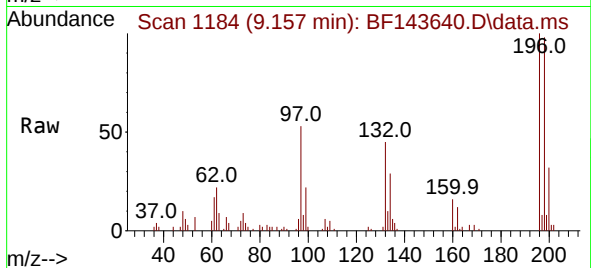
Tgt Ion:196 Resp: 26782

Ion Ratio Lower Upper

196 100

198 98.4 77.1 115.7

200 31.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 10.597 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Tgt Ion:196 Resp: 30279

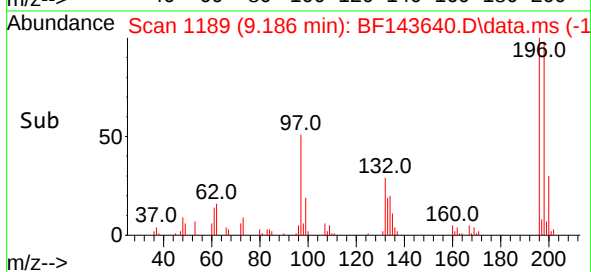
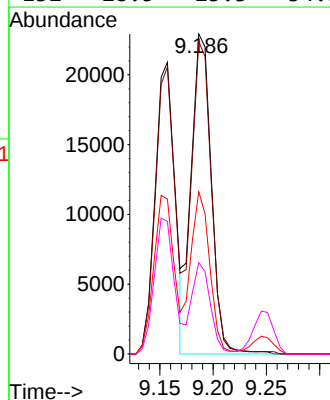
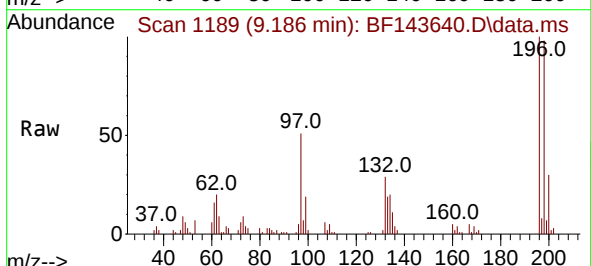
Ion Ratio Lower Upper

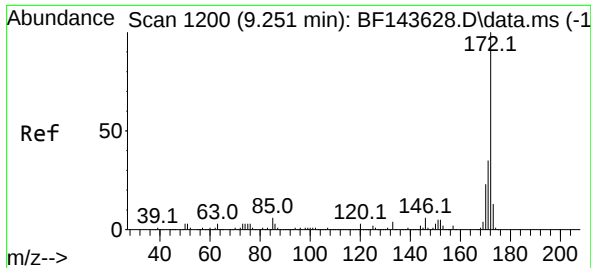
196 100

198 97.6 76.6 115.0

97 50.7 38.2 57.2

132 28.5 23.3 34.9

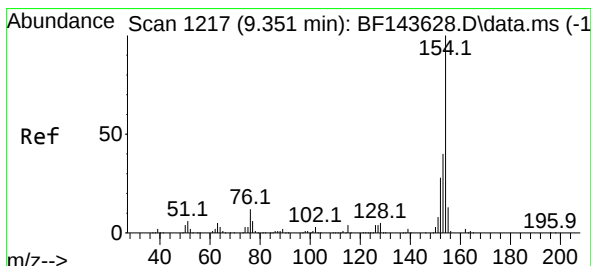
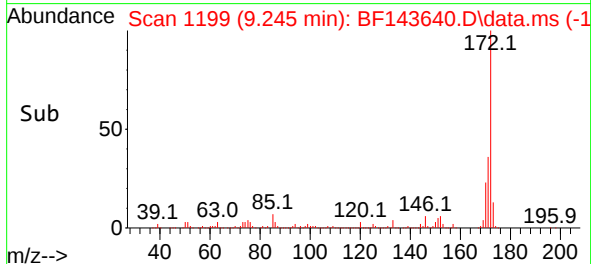
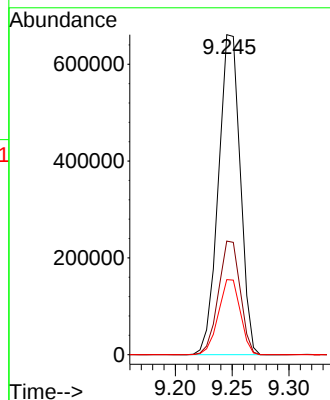
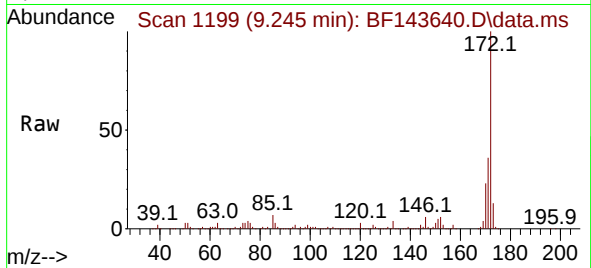




#45
2-Fluorobiphenyl
Concen: 86.937 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

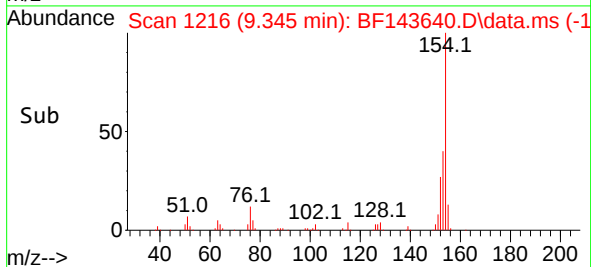
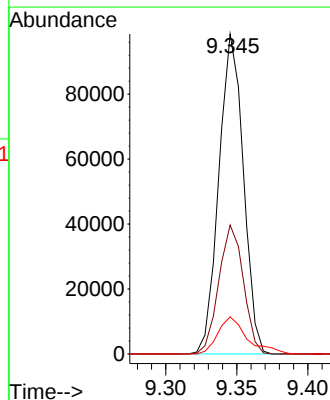
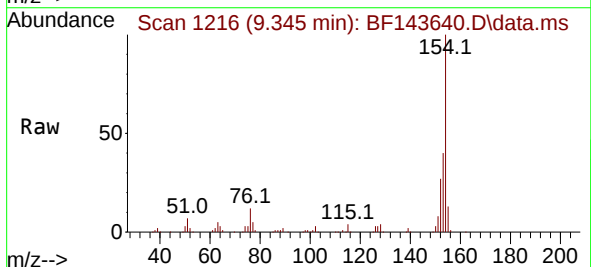
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

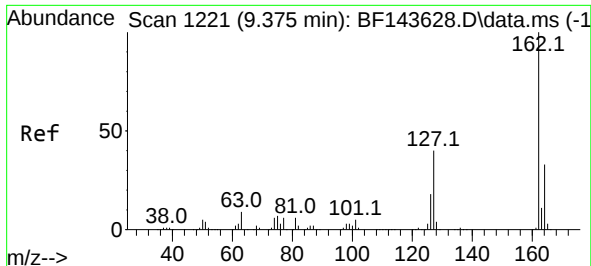
Tgt Ion:172 Resp: 884463
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 10.194 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:154 Resp: 117842
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 11.6 0.0 31.9





#47

2-Chloronaphthalene

Concen: 9.959 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143640.D

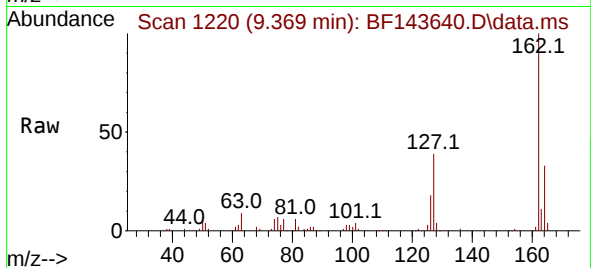
Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025



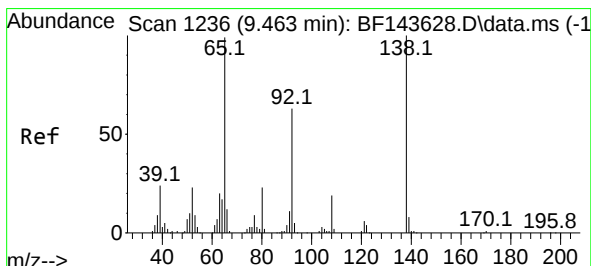
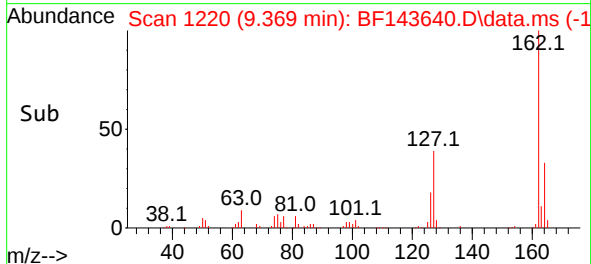
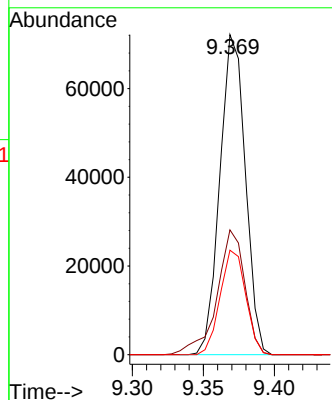
Tgt Ion:162 Resp: 90099

Ion Ratio Lower Upper

162 100

127 39.0 31.9 47.9

164 32.6 26.0 39.0



#48

2-Nitroaniline

Concen: 11.805 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

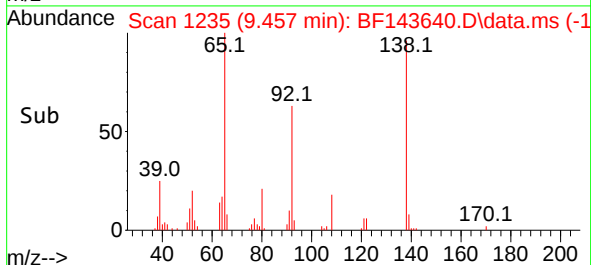
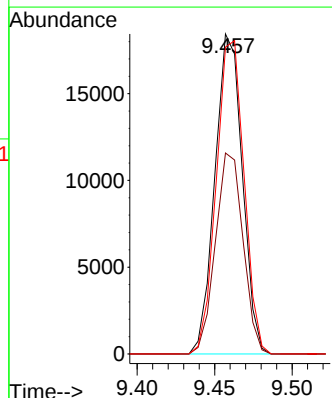
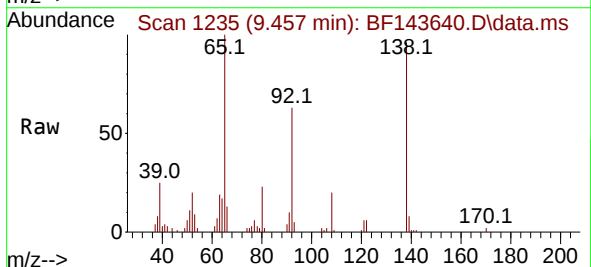
Tgt Ion: 65 Resp: 22677

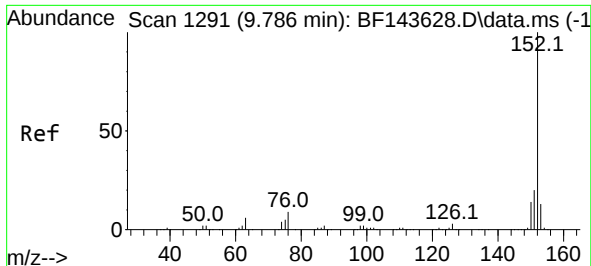
Ion Ratio Lower Upper

65 100

92 62.8 50.9 76.3

138 95.9 80.6 120.8

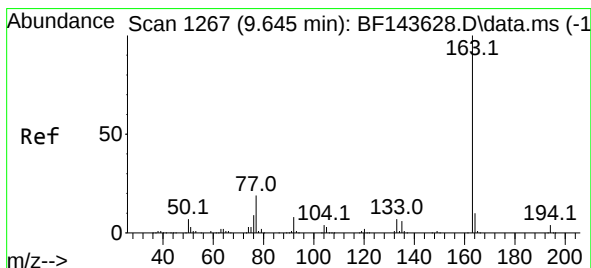
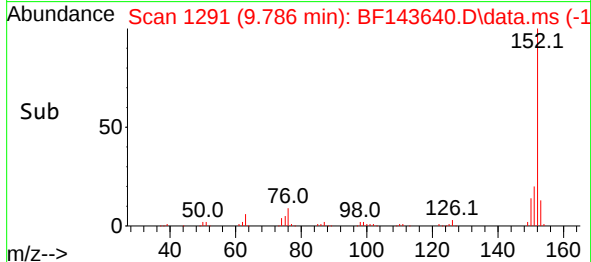
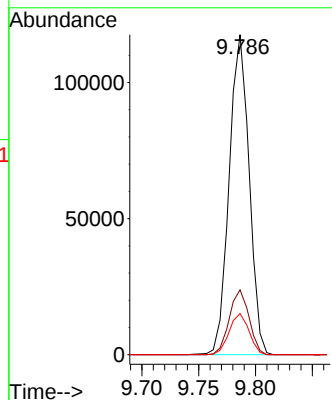
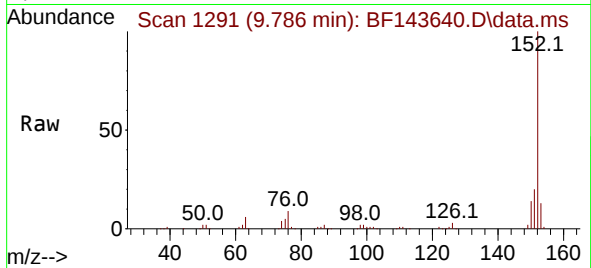




#49
Acenaphthylene
Concen: 11.021 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

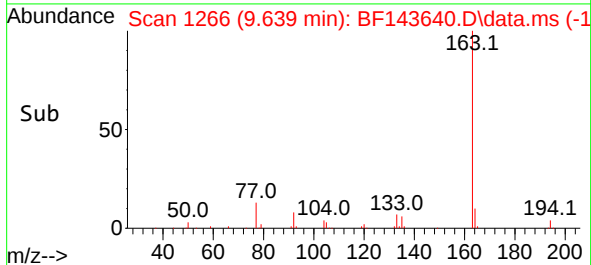
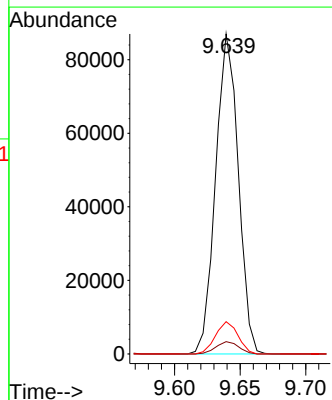
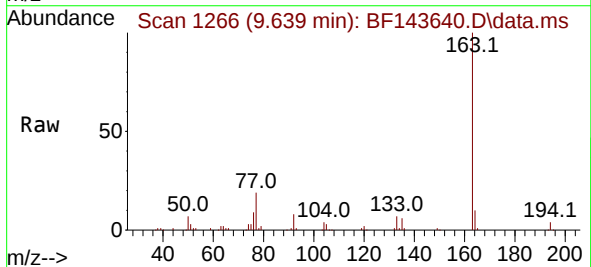
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

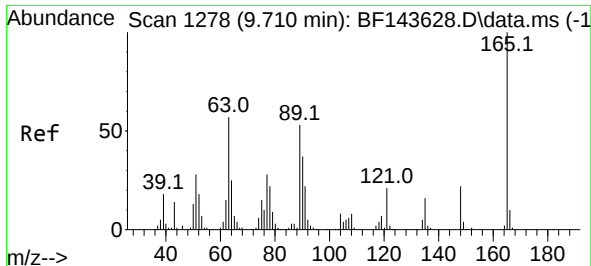
Tgt Ion:152 Resp: 143692
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 12.8 10.6 15.8



#50
Dimethylphthalate
Concen: 10.151 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

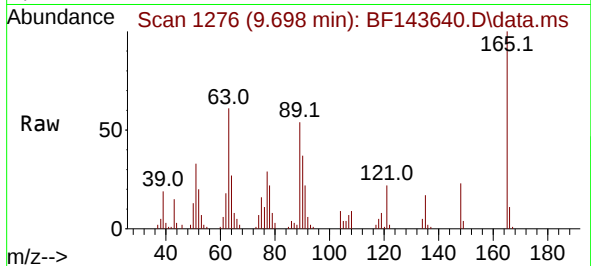
Tgt Ion:163 Resp: 104474
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.1 12.1



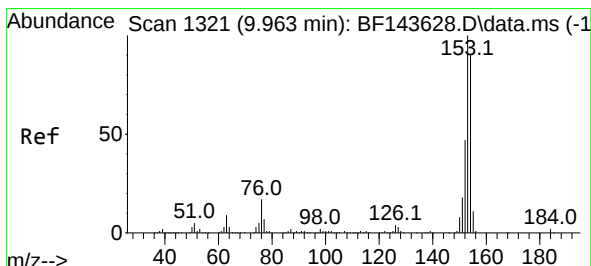
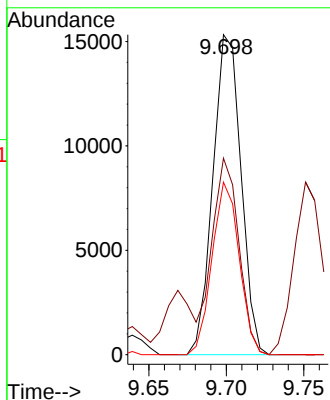
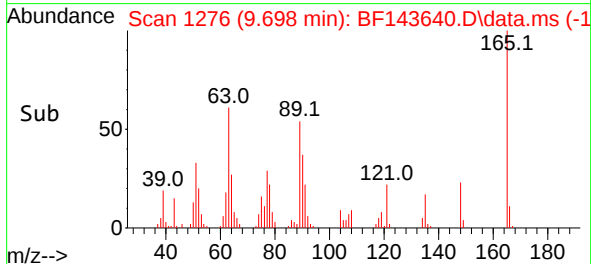


#51
2,6-Dinitrotoluene
Concen: 13.309 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

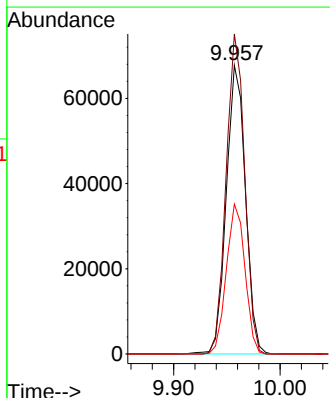
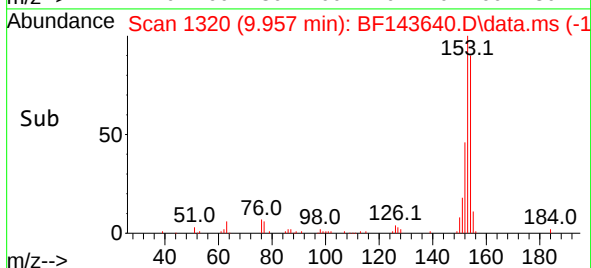
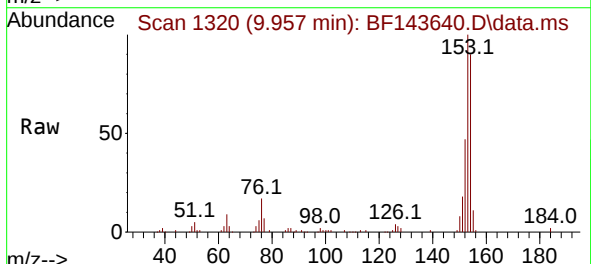


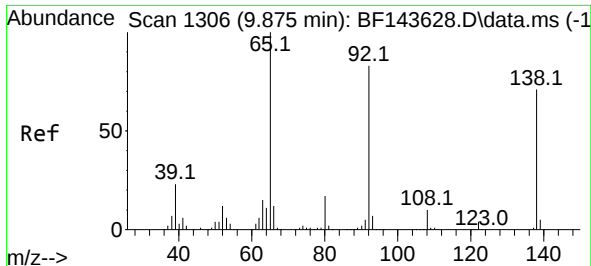
Tgt Ion:165 Resp: 19345
Ion Ratio Lower Upper
165 100
63 61.4 45.4 68.0
89 53.9 42.1 63.1



#52
Acenaphthene
Concen: 9.723 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:154 Resp: 84800
Ion Ratio Lower Upper
154 100
153 110.9 88.6 132.8
152 52.0 41.8 62.8

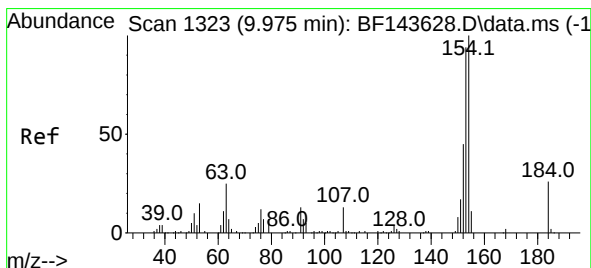
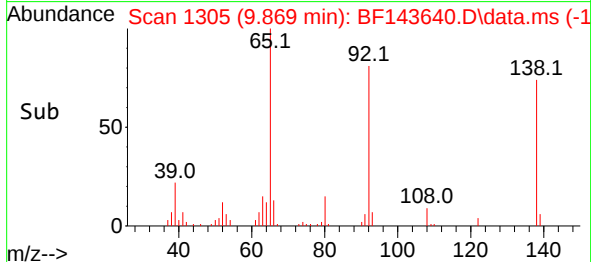
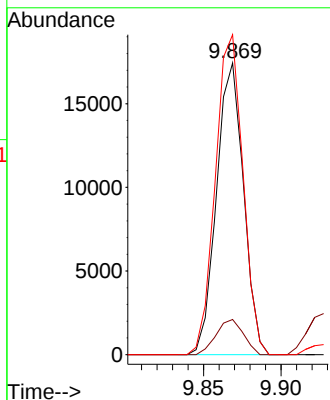
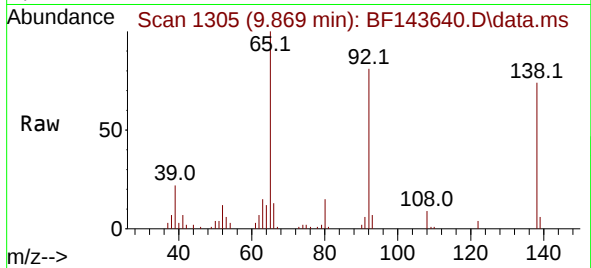




#53
3-Nitroaniline
Concen: 12.568 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

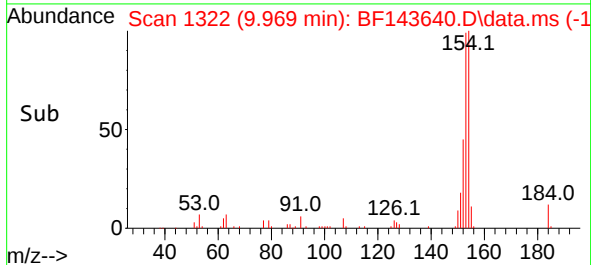
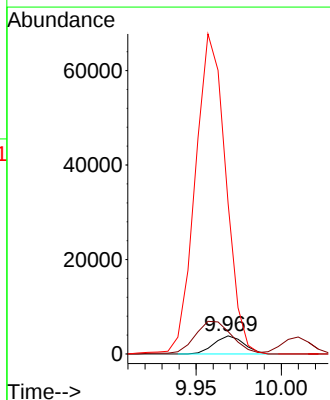
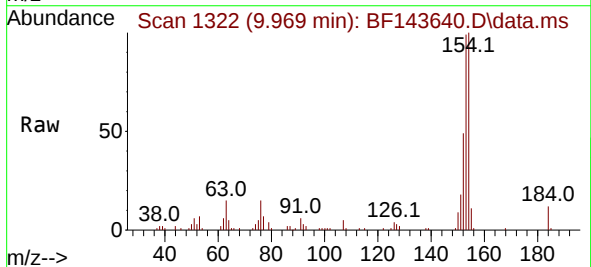
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

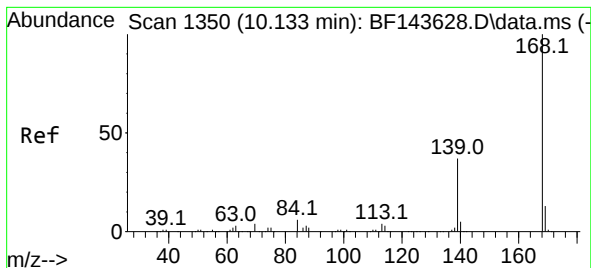
Tgt Ion:138 Resp: 21140
Ion Ratio Lower Upper
138 100
108 12.1 10.7 16.1
92 109.7 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 13.939 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:184 Resp: 4659
Ion Ratio Lower Upper
184 100
63 123.3 81.8 122.8#
154 828.5 348.3 522.5#





#55

Dibenzenofuran

Concen: 10.145 ng

RT: 10.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

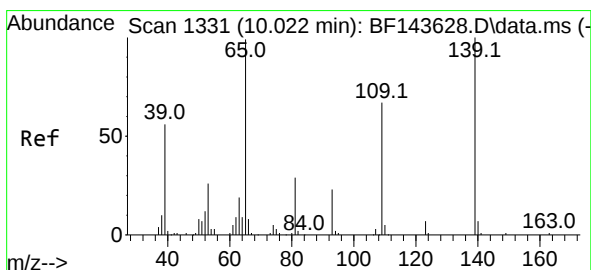
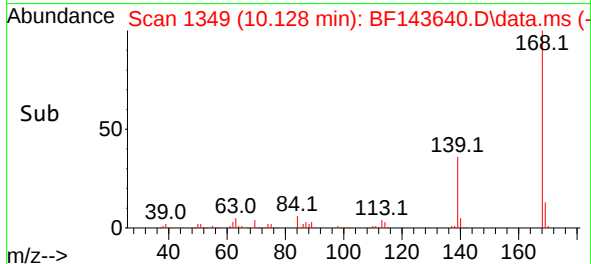
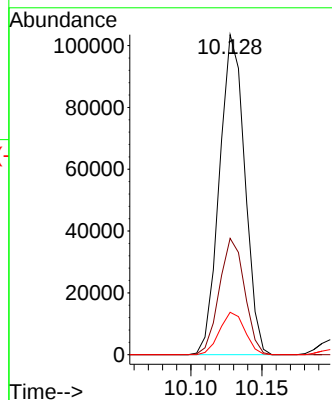
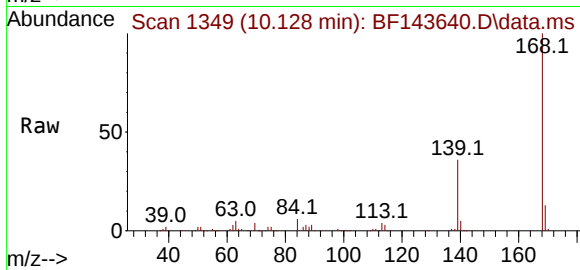
Tgt Ion:168 Resp: 128543

Ion Ratio Lower Upper

168 100

139 36.4 29.8 44.8

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 9.821 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

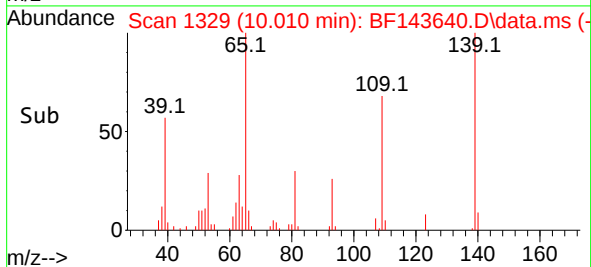
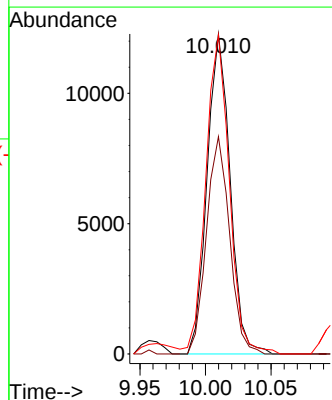
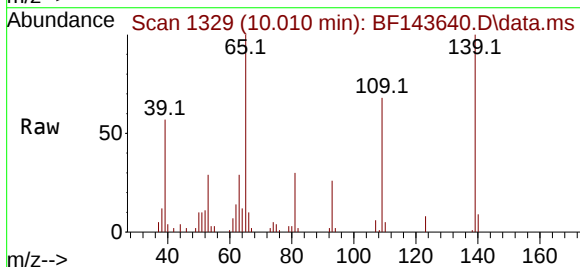
Tgt Ion:139 Resp: 14987

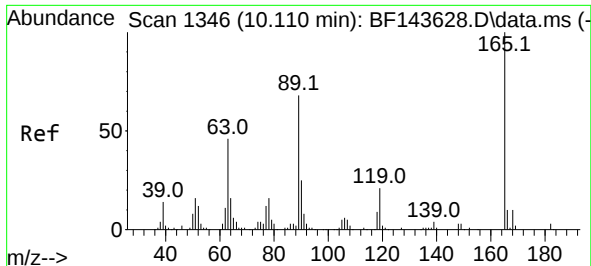
Ion Ratio Lower Upper

139 100

109 67.9 47.6 87.6

65 99.7 80.5 120.5

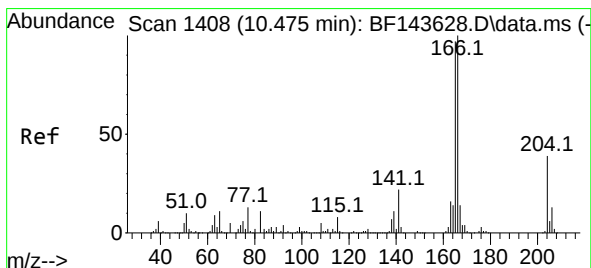
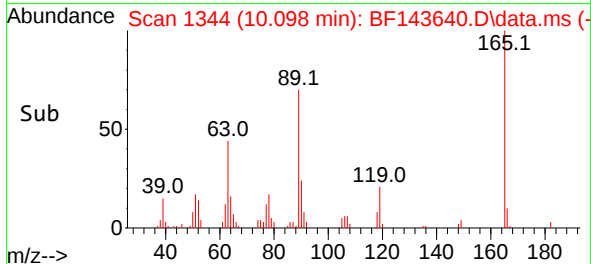
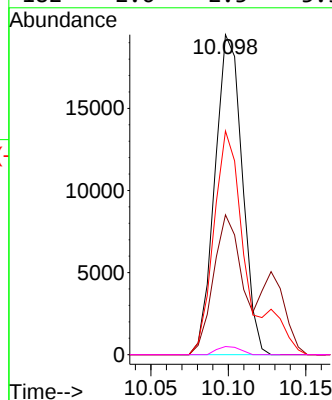
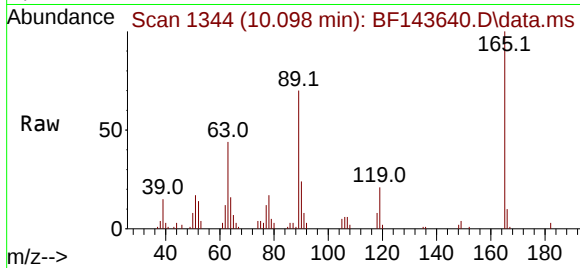




#57
2,4-Dinitrotoluene
Concen: 12.550 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

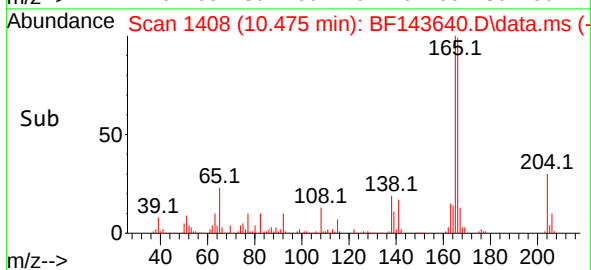
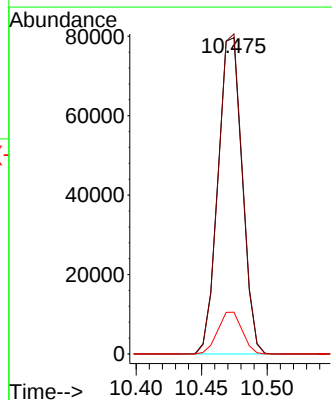
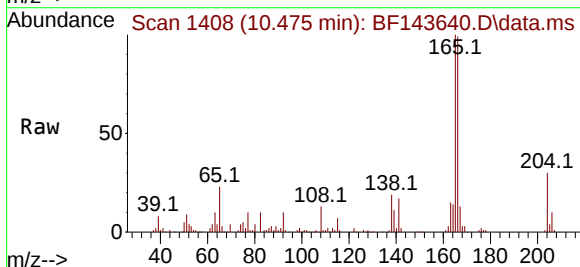
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

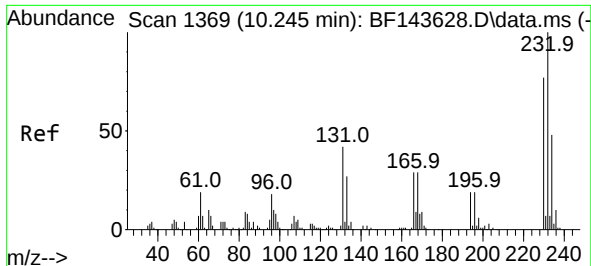
Tgt Ion:	165	Resp:	23926
Ion Ratio	Lower	Upper	
165	100		
63	43.7	37.0	55.6
89	69.9	54.1	81.1
182	2.6	2.3	3.5



#58
Fluorene
Concen: 10.427 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:	166	Resp:	102188
Ion Ratio	Lower	Upper	
166	100		
165	101.2	77.6	116.4
167	13.2	10.9	16.3

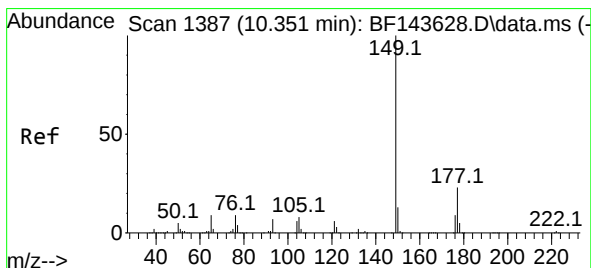
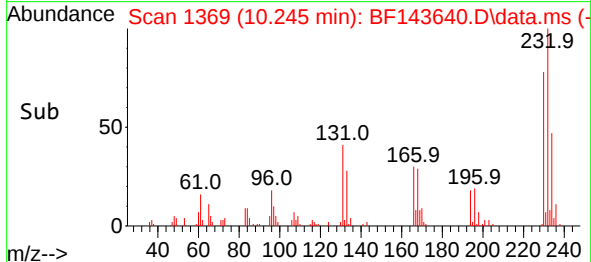
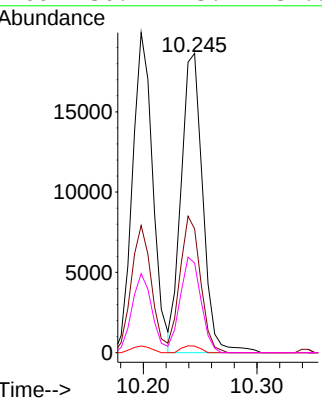
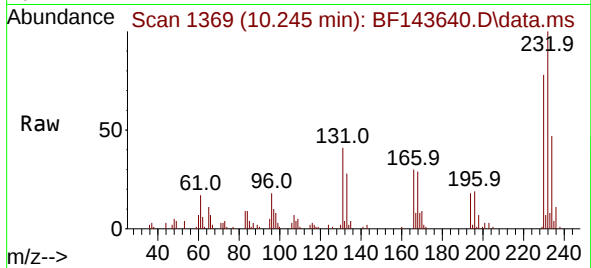




#59
2,3,4,6-Tetrachlorophenol
Concen: 11.383 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

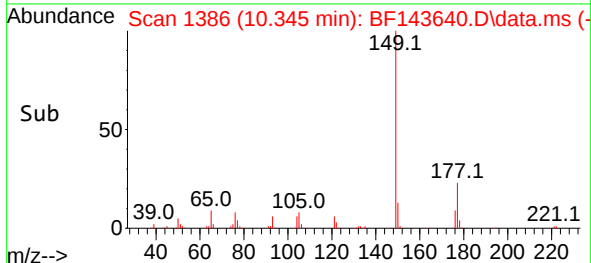
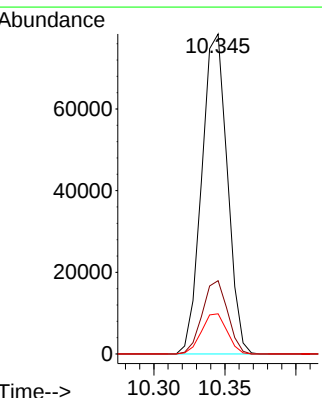
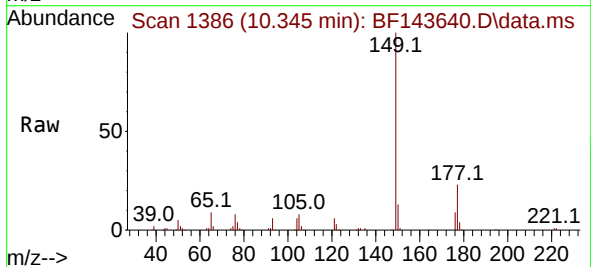
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

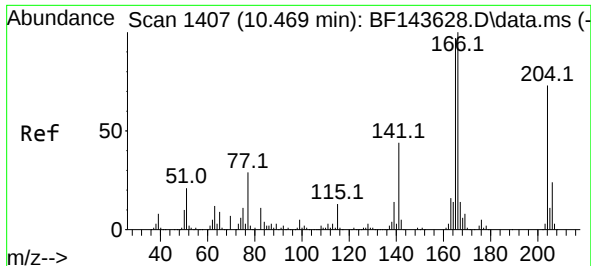
Tgt Ion:232 Resp: 24700
Ion Ratio Lower Upper
232 100
131 42.9 33.7 50.5
130 1.9 1.5 2.3
166 30.4 23.2 34.8



#60
Diethylphthalate
Concen: 10.042 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:149 Resp: 98124
Ion Ratio Lower Upper
149 100
177 22.9 18.6 28.0
150 12.5 10.3 15.5

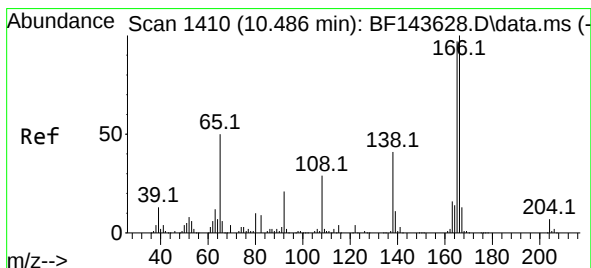
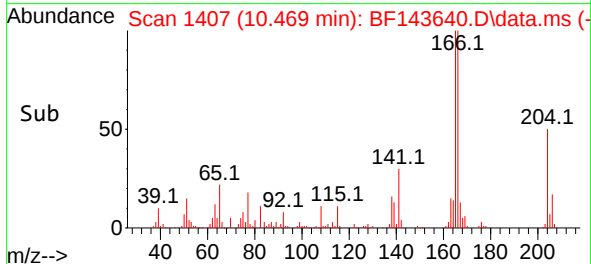
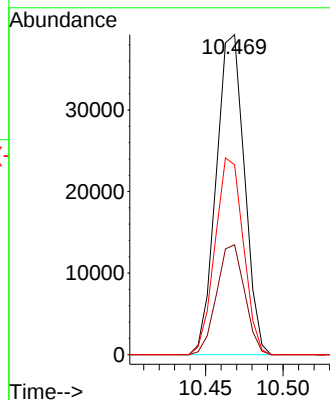
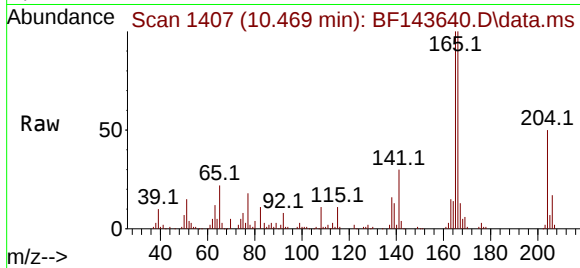




#61
4-Chlorophenyl-phenylether
Concen: 10.185 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

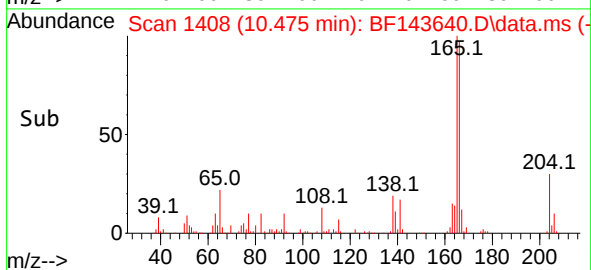
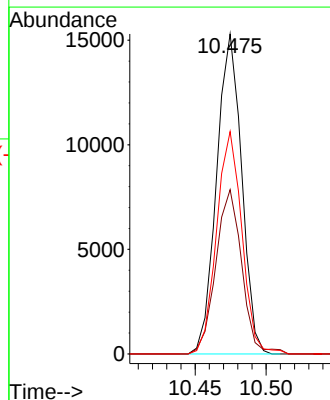
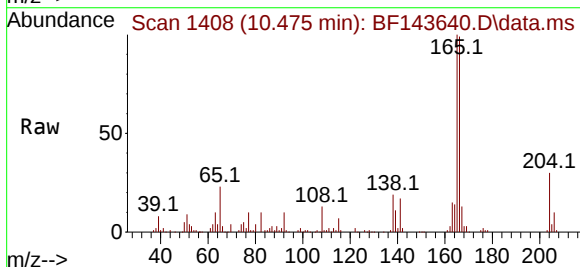
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

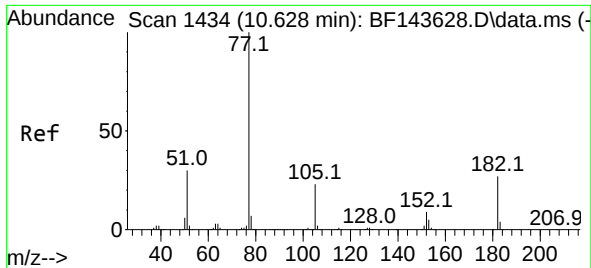
Tgt Ion:204 Resp: 49807
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 59.3 47.8 71.6



#62
4-Nitroaniline
Concen: 11.535 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.011 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:138 Resp: 18734
Ion Ratio Lower Upper
138 100
92 51.4 30.5 70.5
108 69.5 49.1 89.1

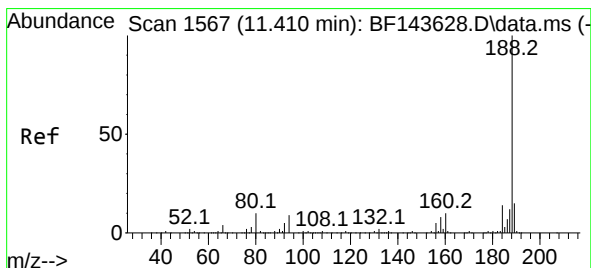
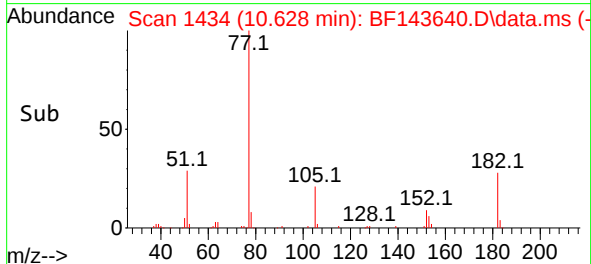
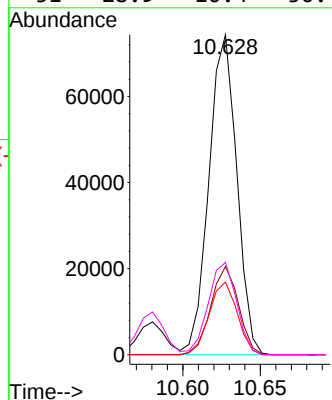
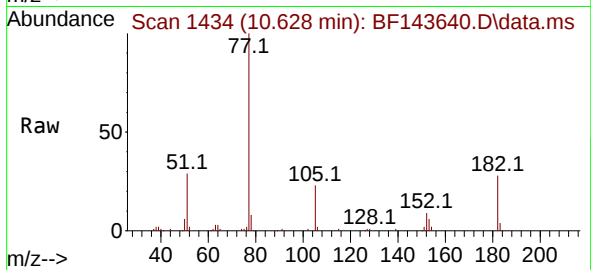




#63
Azobenzene
Concen: 10.089 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

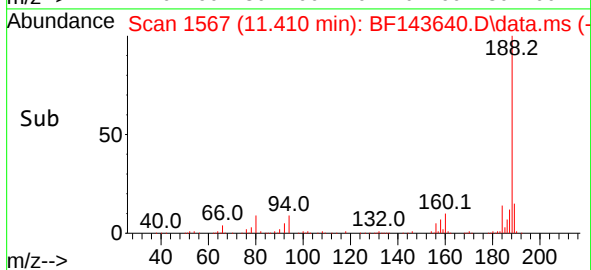
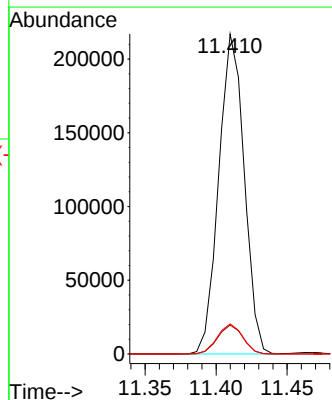
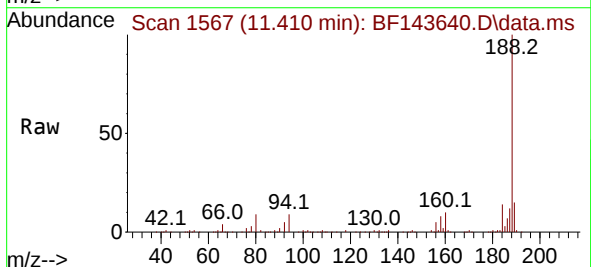
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

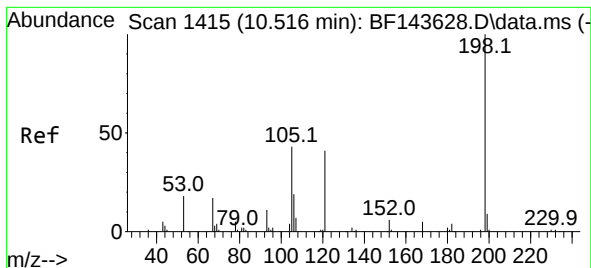
Tgt Ion: 77	Resp: 92921
Ion Ratio	Lower Upper
77 100	
182 27.5	6.8 46.8
105 22.7	2.8 42.8
51 28.9	10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:188	Resp: 270318
Ion Ratio	Lower Upper
188 100	
94 9.1	7.5 11.3
80 9.4	8.4 12.6

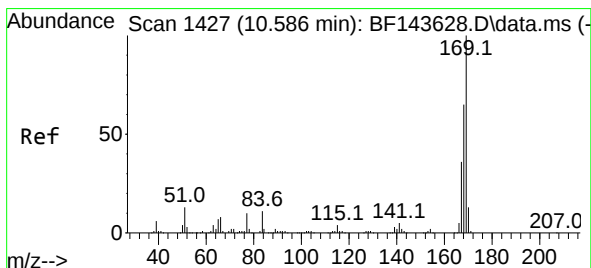
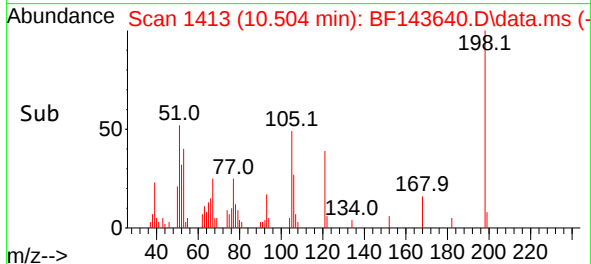
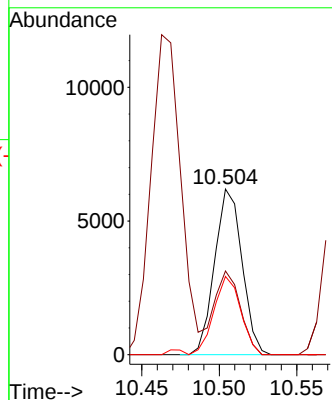
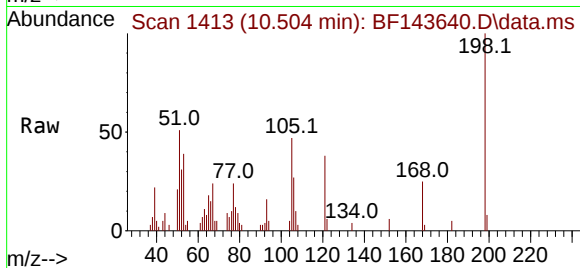




#65
4,6-Dinitro-2-methylphenol
Concen: 13.997 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

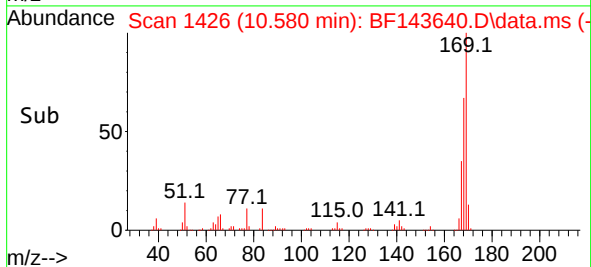
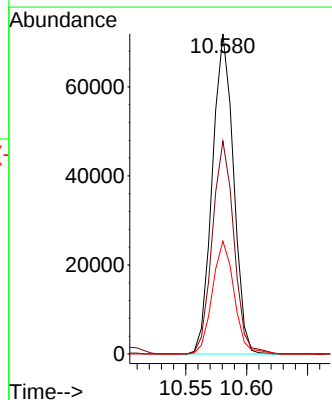
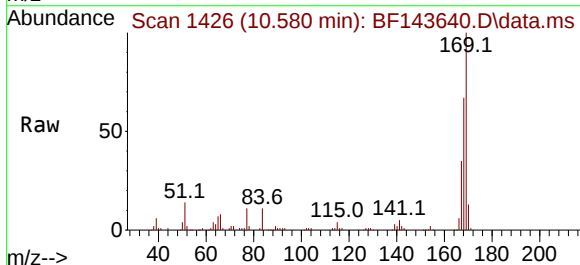
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

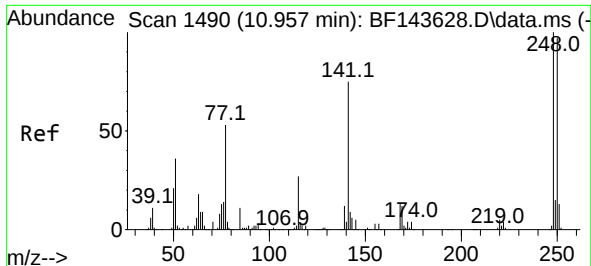
Tgt Ion:198 Resp: 7613
Ion Ratio Lower Upper
198 100
51 50.6 30.7 70.7
105 47.2 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 9.996 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:169 Resp: 87213
Ion Ratio Lower Upper
169 100
168 66.5 52.2 78.4
167 35.2 28.5 42.7

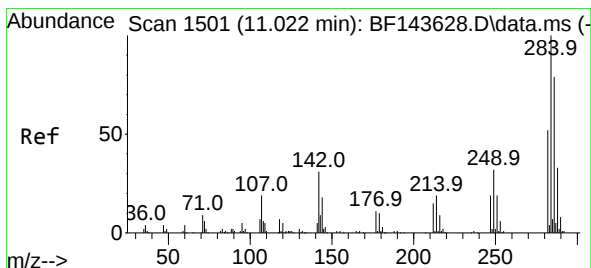
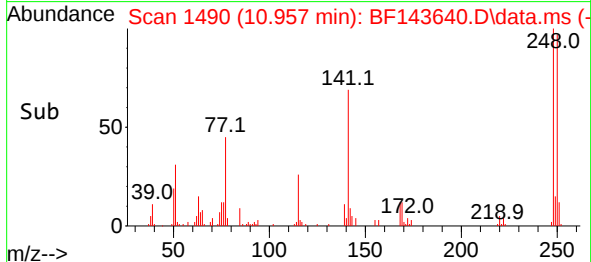
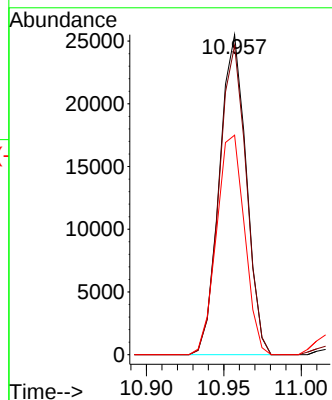
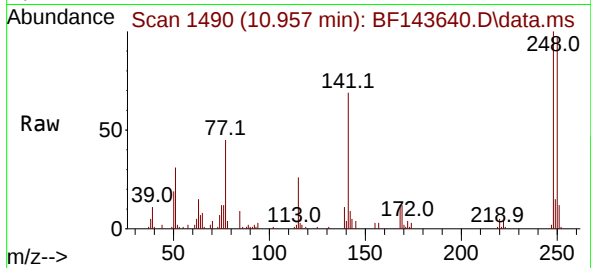




#67
4-Bromophenyl-phenylether
Concen: 9.808 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

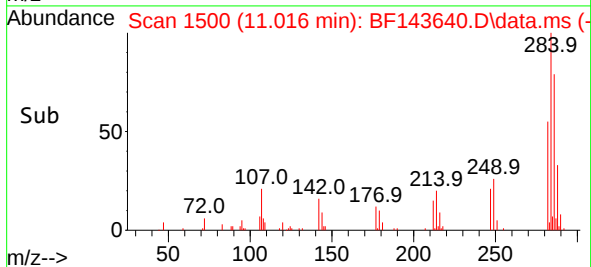
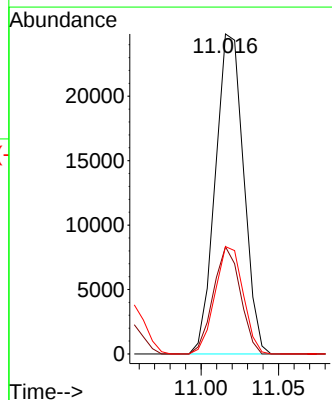
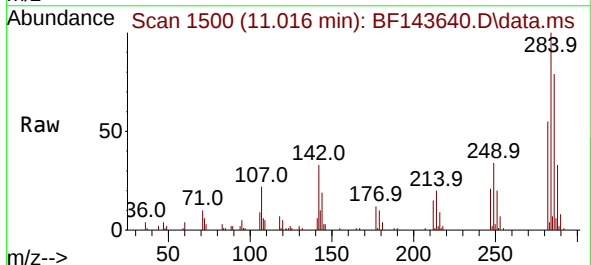
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

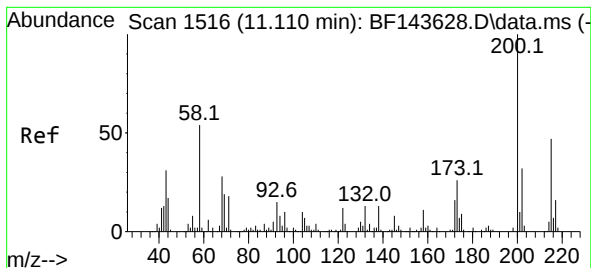
Tgt Ion:248 Resp: 30749
Ion Ratio Lower Upper
248 100
250 96.6 77.6 116.4
141 68.6 60.1 90.1



#68
Hexachlorobenzene
Concen: 9.561 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:284 Resp: 31487
Ion Ratio Lower Upper
284 100
142 33.5 24.7 37.1
249 33.6 25.4 38.2





#69

Atrazine

Concen: 10.090 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

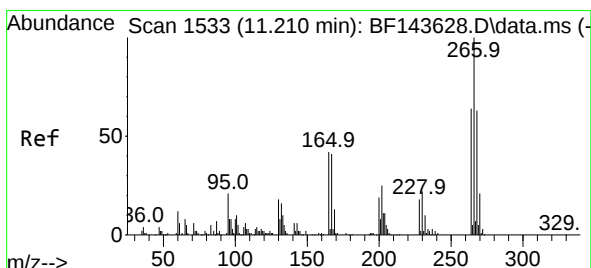
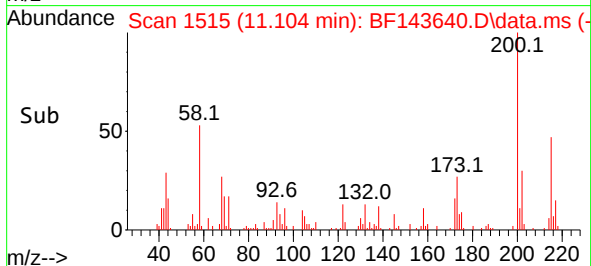
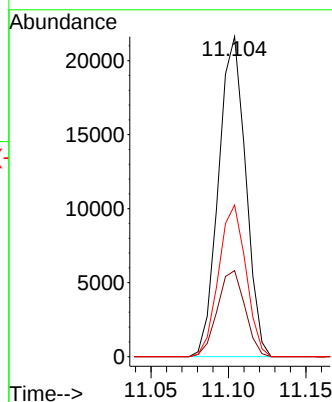
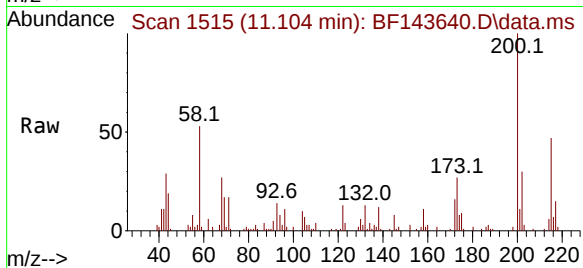
Tgt Ion:200 Resp: 26319

Ion Ratio Lower Upper

200 100

173 26.9 6.4 46.4

215 47.4 26.9 66.9



#70

Pentachlorophenol

Concen: 9.143 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

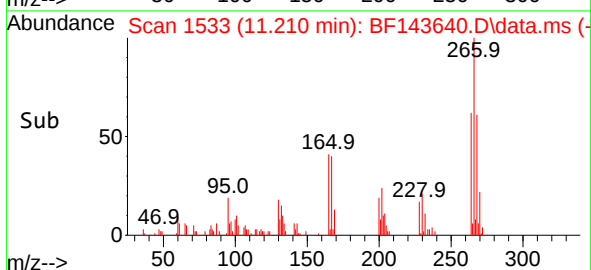
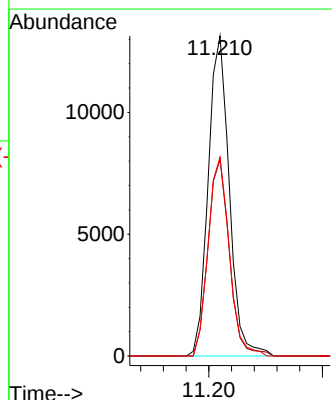
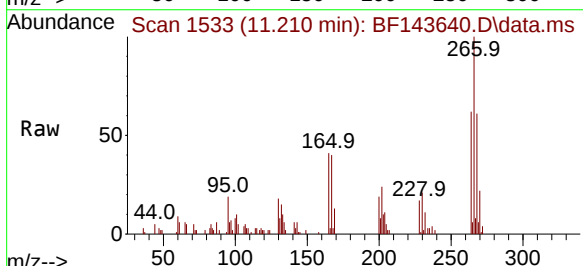
Tgt Ion:266 Resp: 16913

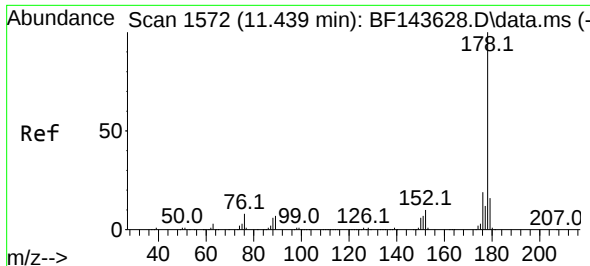
Ion Ratio Lower Upper

266 100

268 61.4 50.6 76.0

264 62.1 51.2 76.8

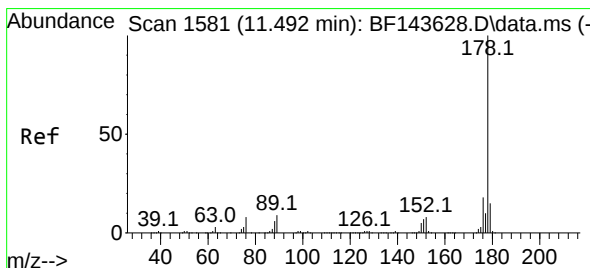
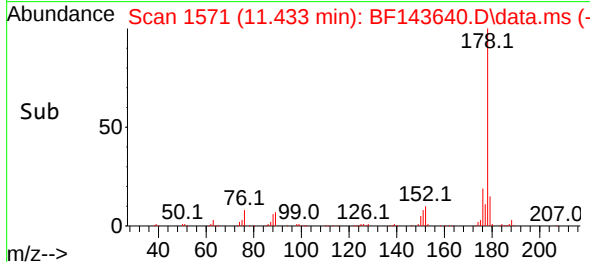
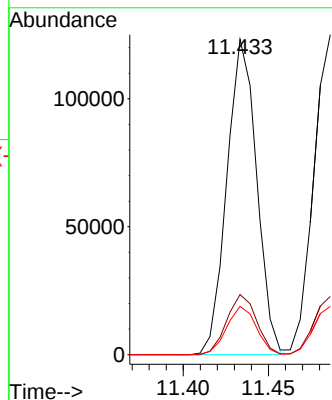
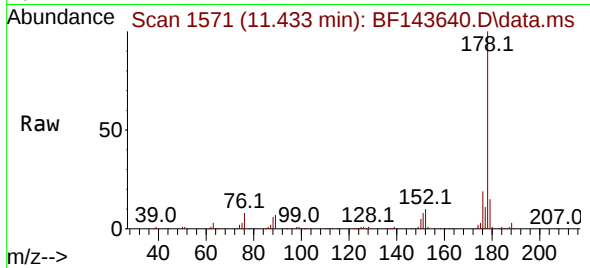




#71
Phenanthrene
Concen: 10.258 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

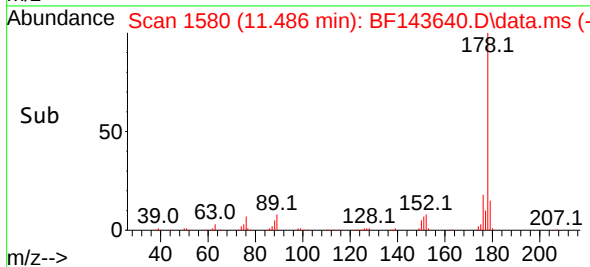
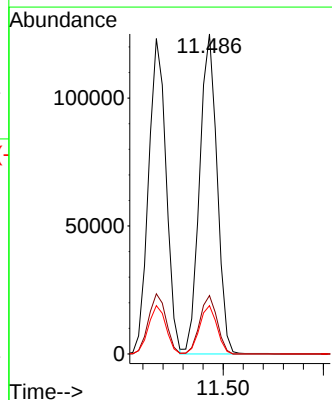
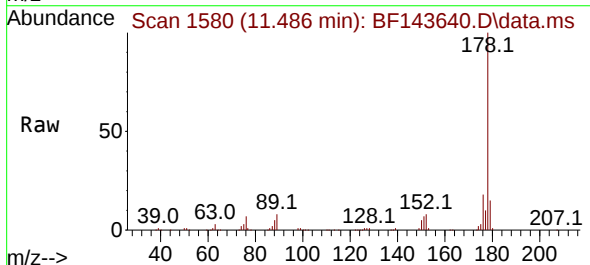
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

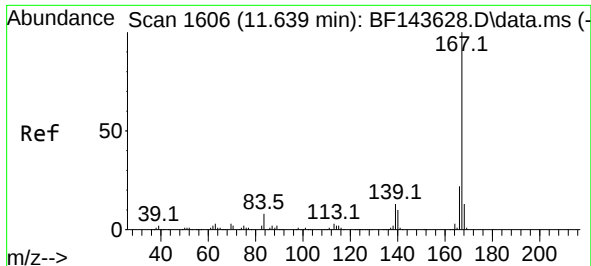
Tgt Ion:178 Resp: 149948
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.4 18.6



#72
Anthracene
Concen: 10.360 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:178 Resp: 151873
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.1 12.3 18.5

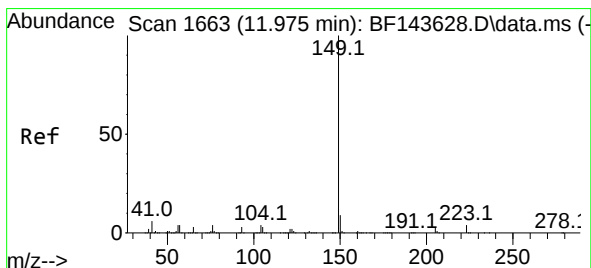
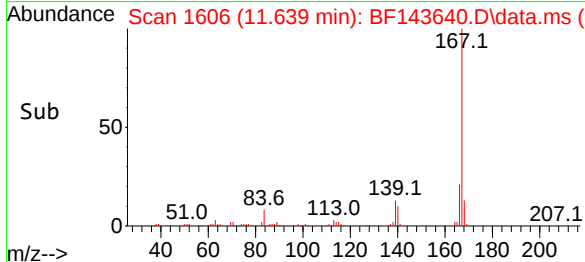
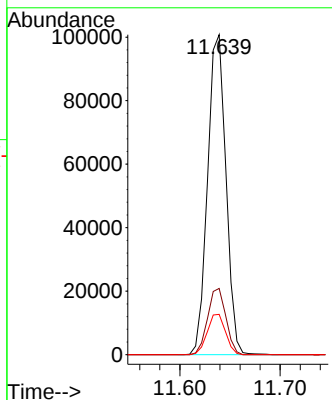
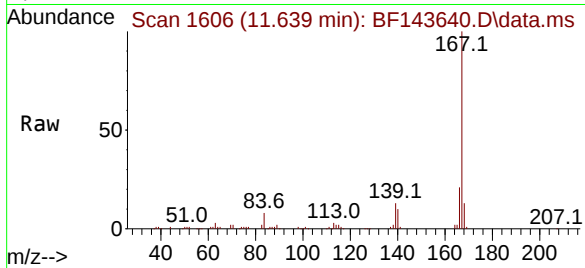




#73
 Carbazole
 Concen: 10.401 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF143640.D
 Acq: 04 Sep 2025 13:15

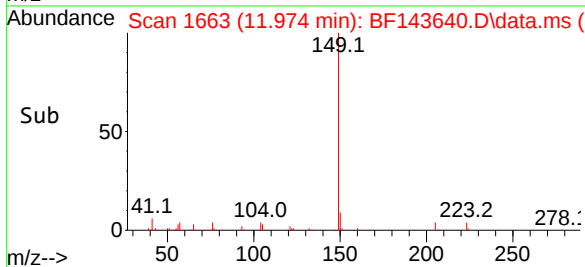
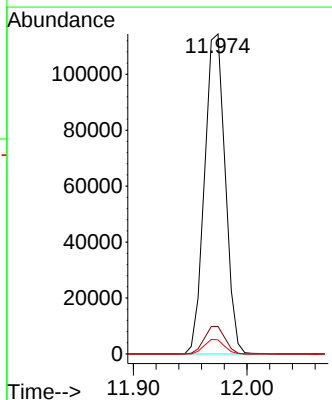
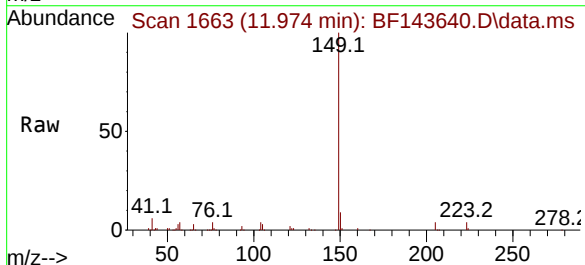
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

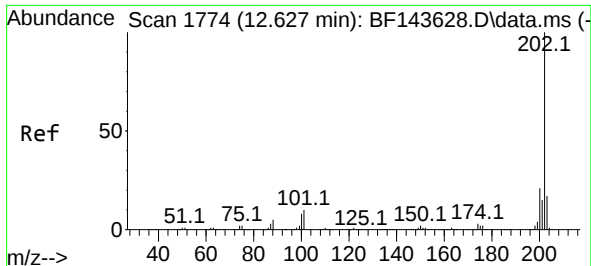
Tgt Ion:167 Resp: 128518
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.3 25.9
 139 12.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 10.414 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.000 min
 Lab File: BF143640.D
 Acq: 04 Sep 2025 13:15

Tgt Ion:149 Resp: 144482
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 4.4 3.5 5.3

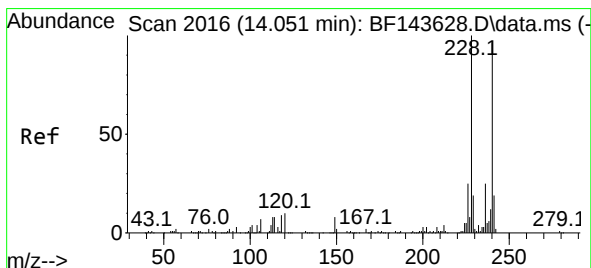
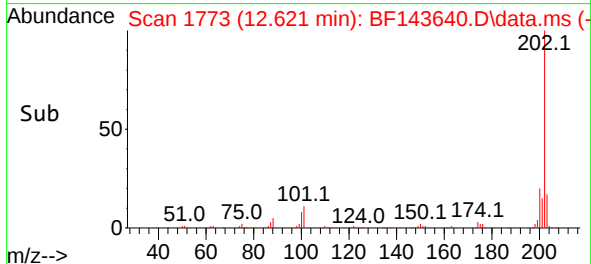
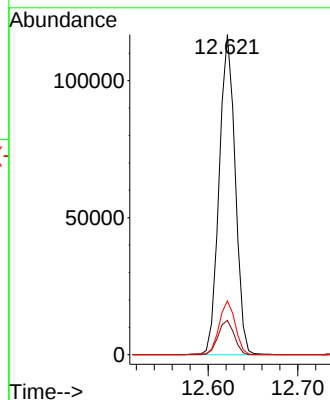
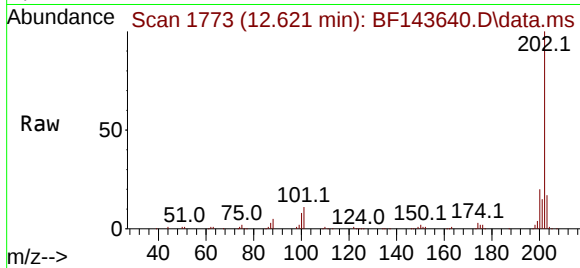




#75
Fluoranthene
Concen: 10.797 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

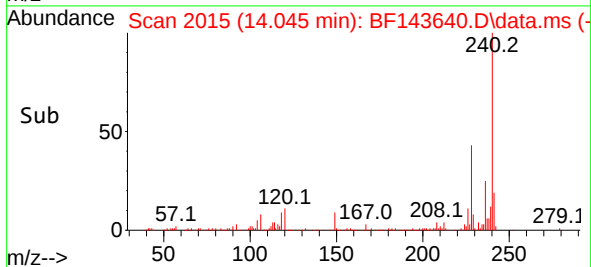
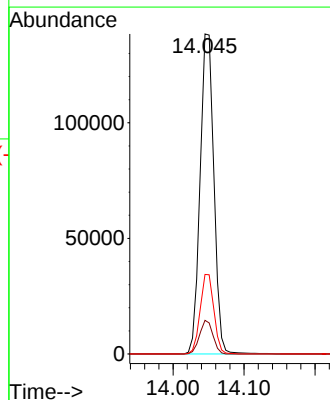
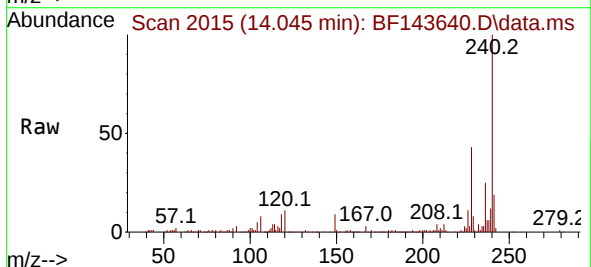
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

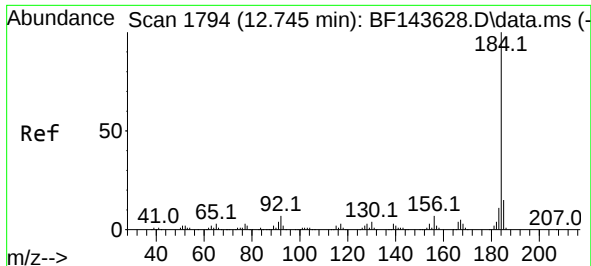
Tgt Ion:202 Resp: 144943
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.3
203 16.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:240 Resp: 187689
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 24.9 20.5 30.7

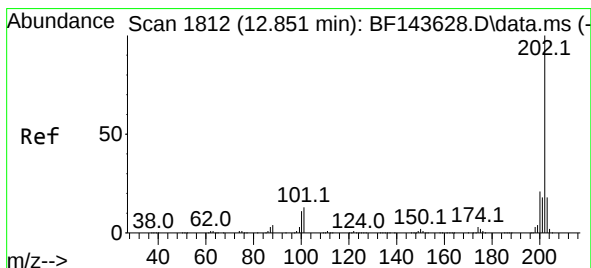
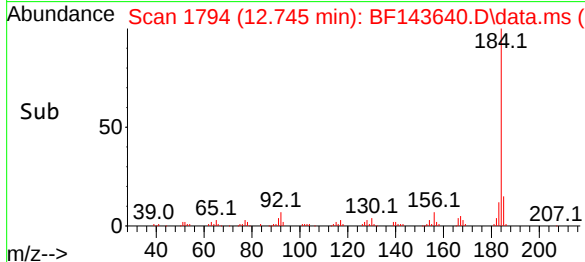
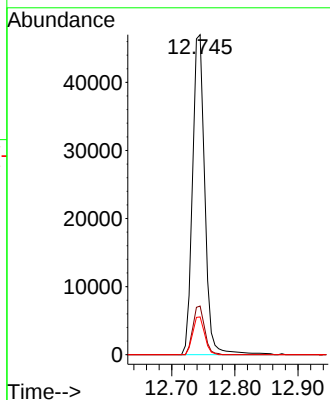
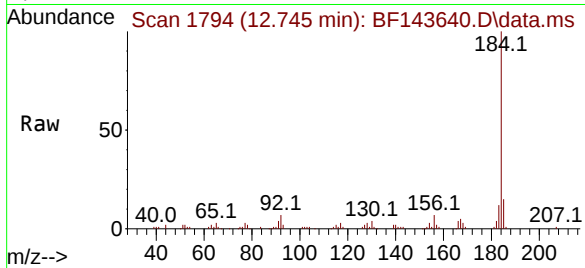




#77
Benzidine
Concen: 14.807 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

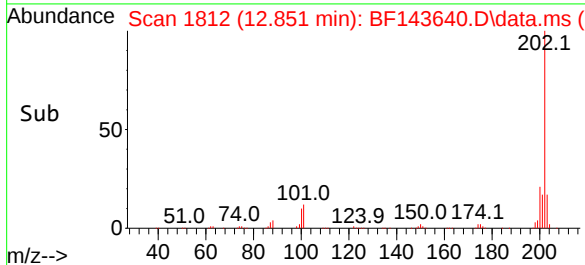
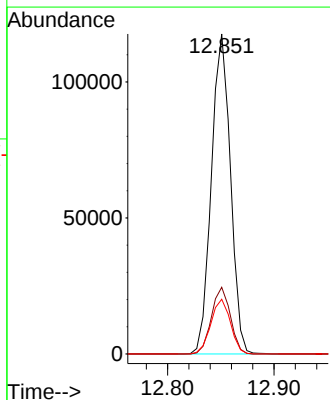
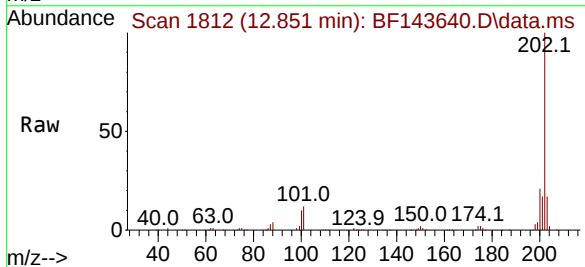
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

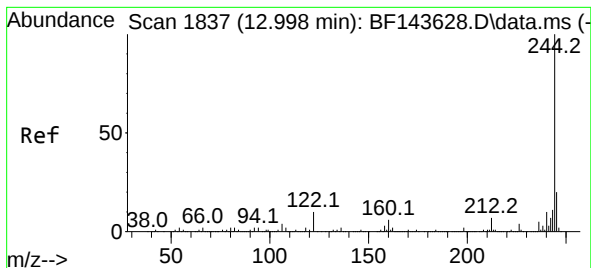
Tgt Ion:184 Resp: 63582
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 11.8 9.0 13.6



#78
Pyrene
Concen: 9.428 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:202 Resp: 146021
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.1 14.0 21.0





#79

Terphenyl-d14

Concen: 88.040 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143640.D

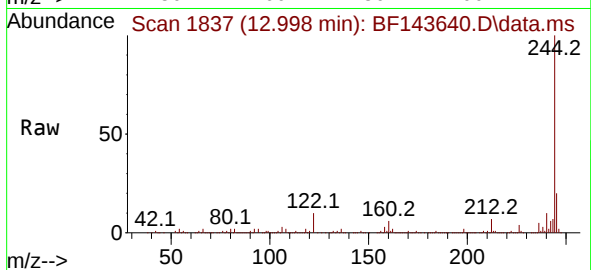
Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025



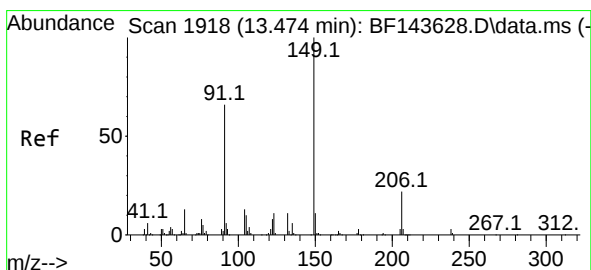
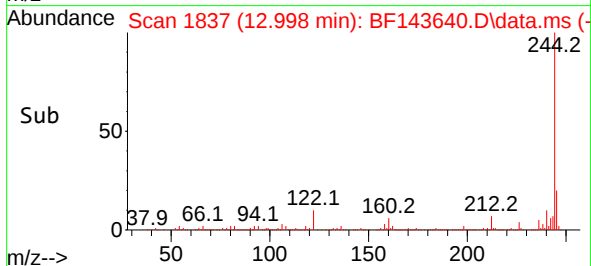
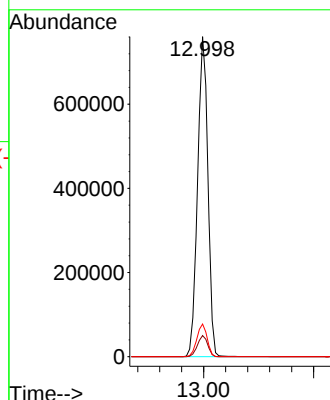
Tgt Ion:244 Resp: 991711

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.2 8.3 12.5



#80

Butylbenzylphthalate

Concen: 10.633 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

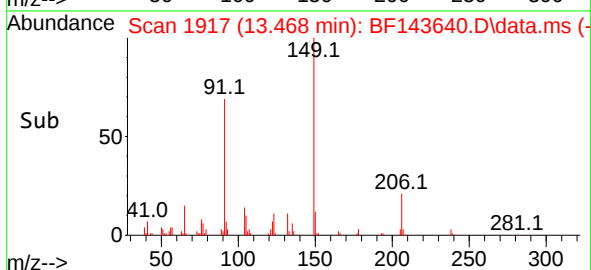
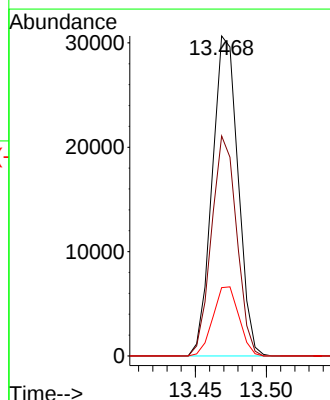
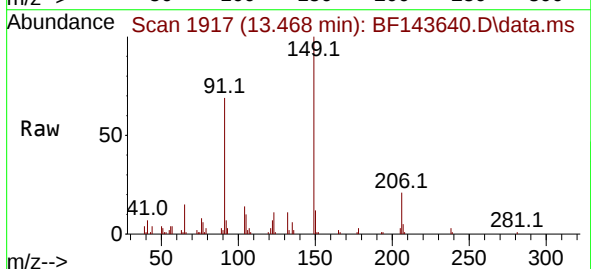
Tgt Ion:149 Resp: 38857

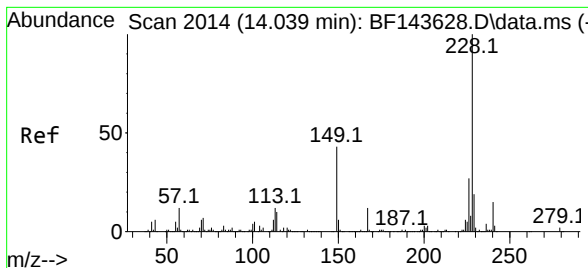
Ion Ratio Lower Upper

149 100

91 68.8 53.0 79.4

206 21.3 17.4 26.2

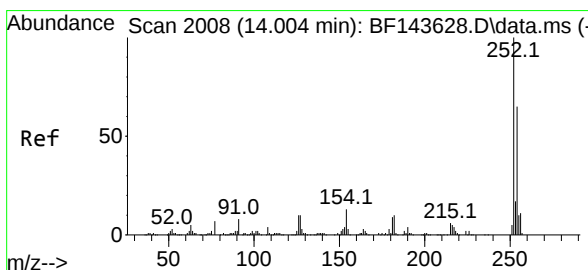
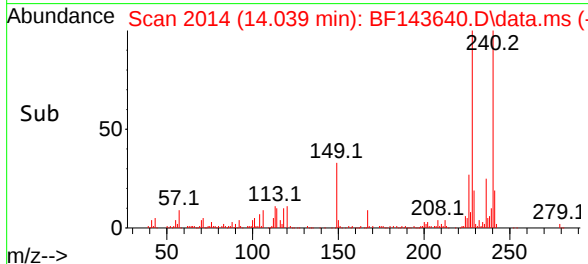
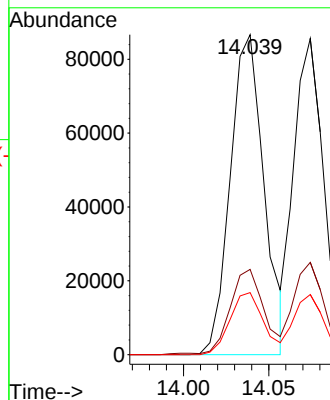
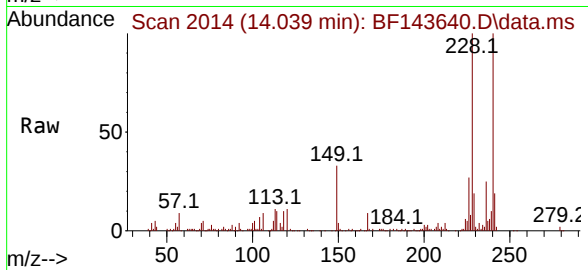




#81
Benzo(a)anthracene
Concen: 9.817 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

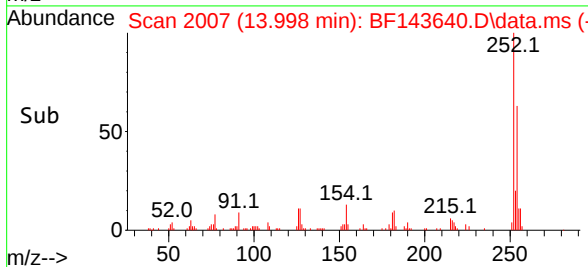
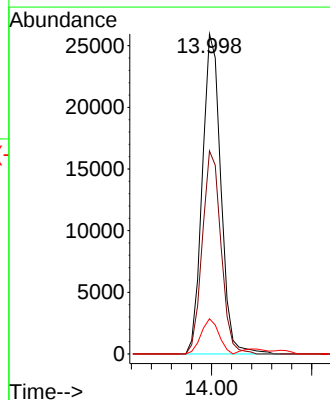
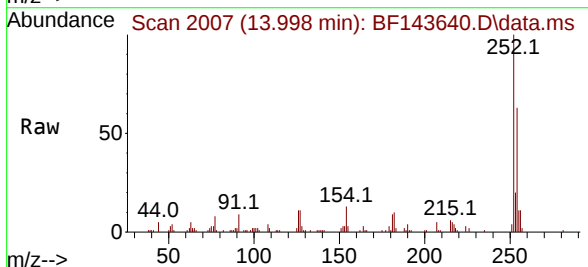
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

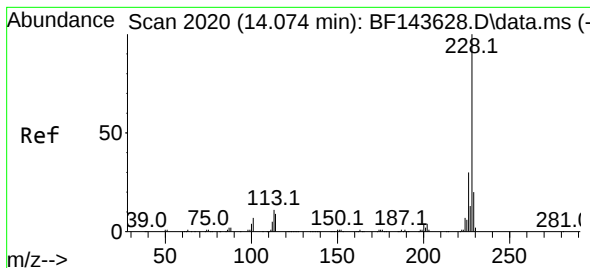
Tgt Ion:228 Resp: 119349
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 10.071 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:252 Resp: 33376
Ion Ratio Lower Upper
252 100
254 63.5 52.2 78.2
126 11.0 8.1 12.1





#83

Chrysene

Concen: 9.555 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

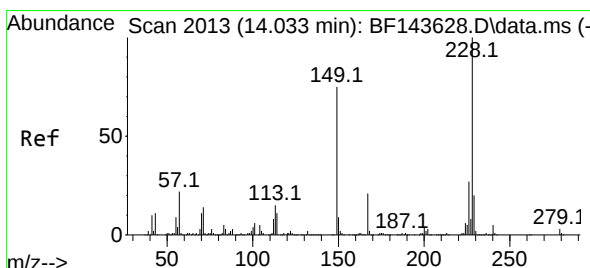
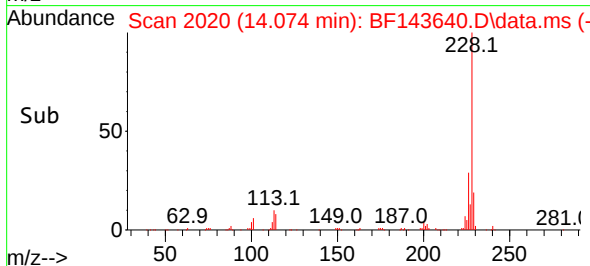
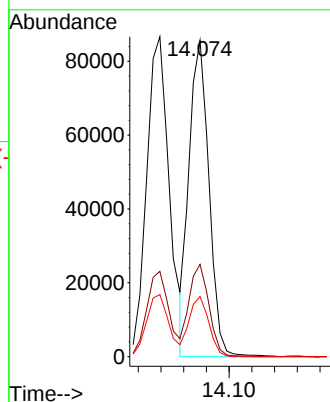
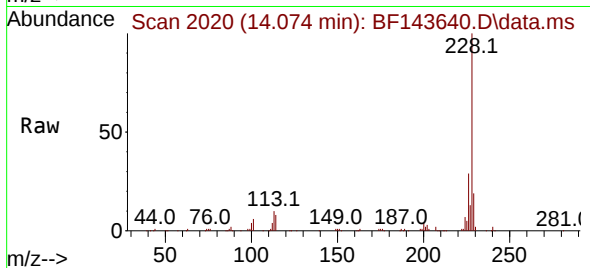
Tgt Ion:228 Resp: 104420

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.179 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

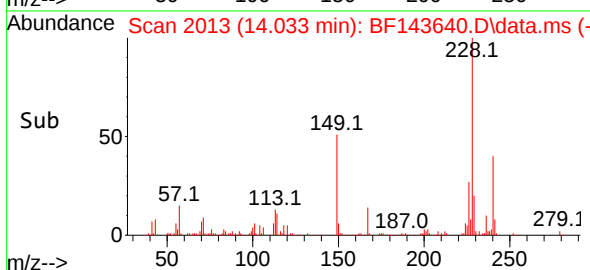
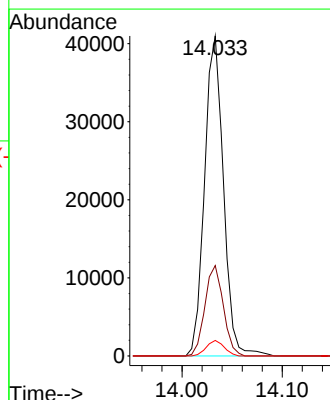
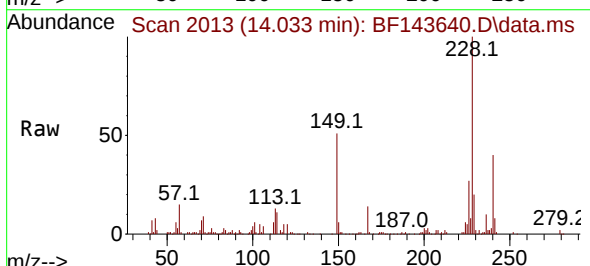
Tgt Ion:149 Resp: 53684

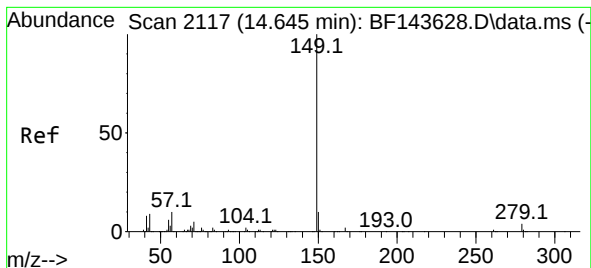
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 4.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 7.211 ng

RT: 14.645 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

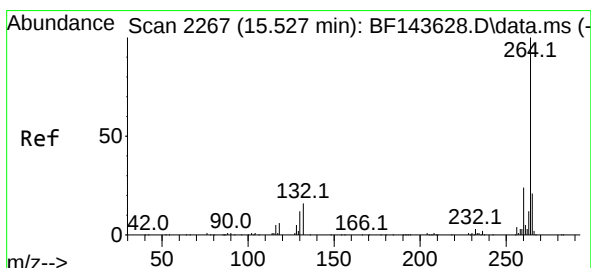
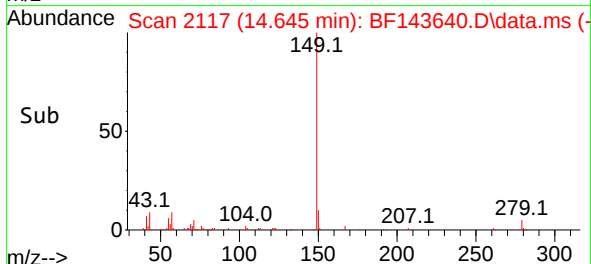
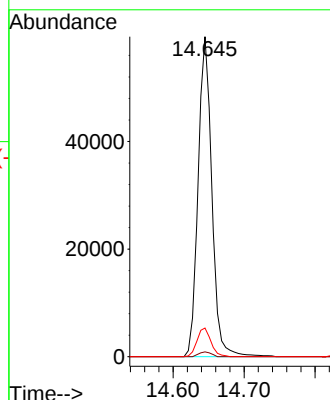
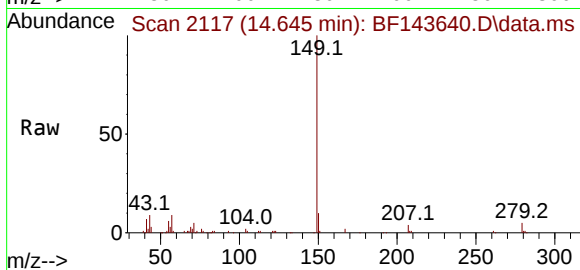
Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:	149	Resp:	80304
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	9.1	7.8	11.8



#86

Perylene-d12

Concen: 20.000 ng

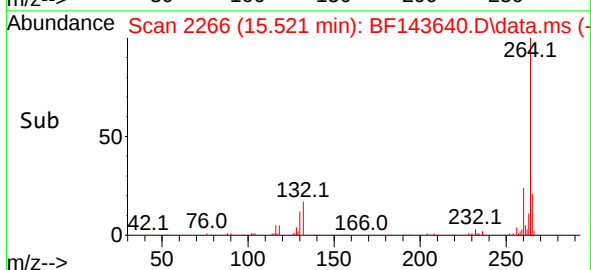
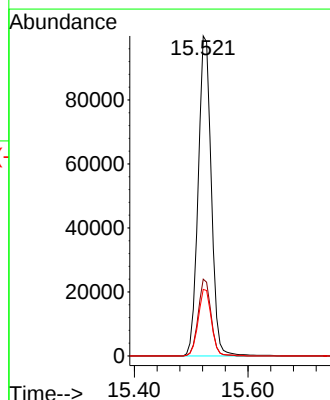
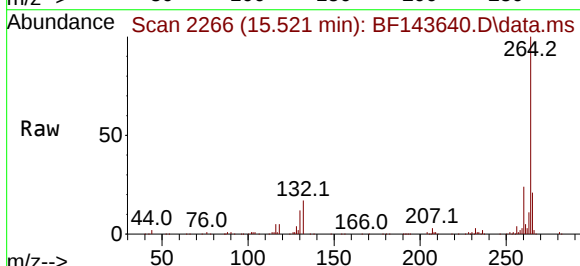
RT: 15.521 min Scan# 2266

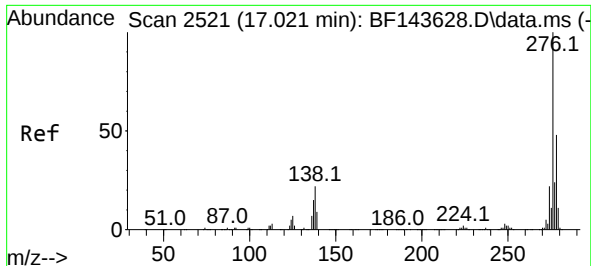
Delta R.T. -0.006 min

Lab File: BF143640.D

Acq: 04 Sep 2025 13:15

Tgt Ion:	264	Resp:	160476
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	20.8	17.1	25.7

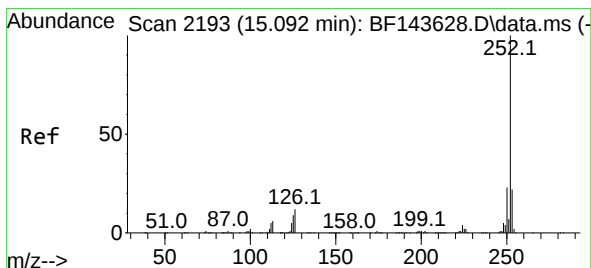
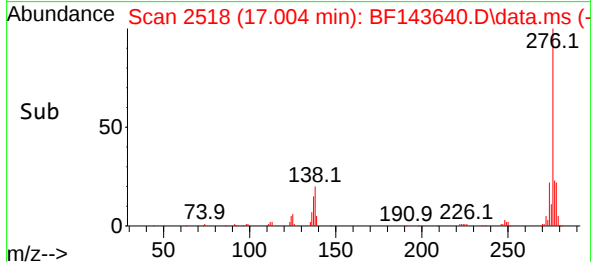
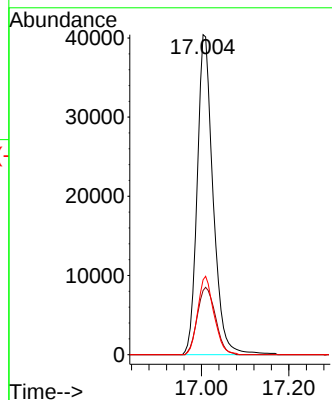
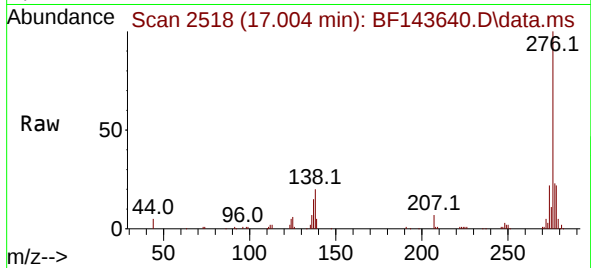




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.133 ng
RT: 17.004 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

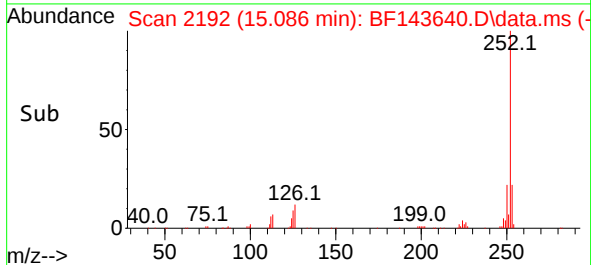
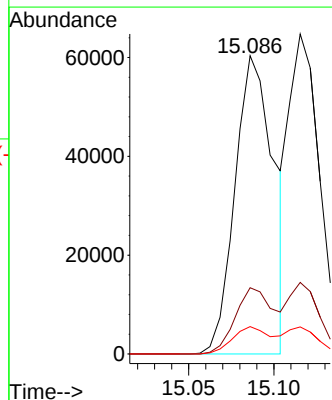
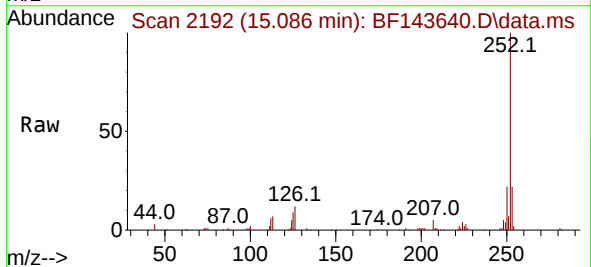
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

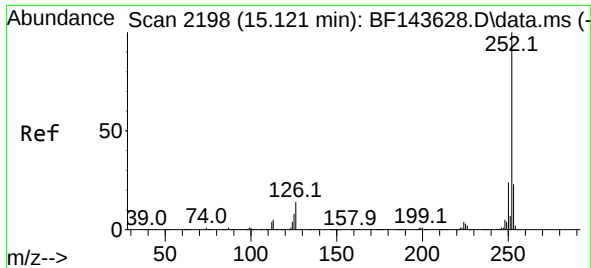
Tgt Ion:276 Resp: 102172
Ion Ratio Lower Upper
276 100
138 24.0 19.8 29.6
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 9.879 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:252 Resp: 95519
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.2 7.4 11.2

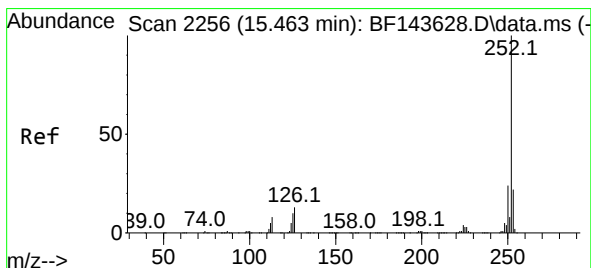
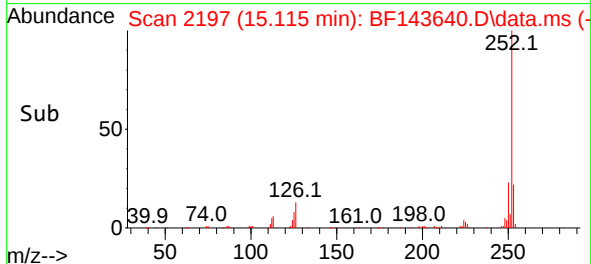
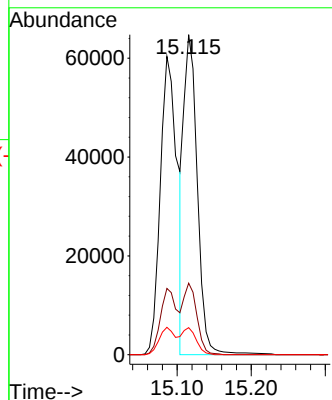
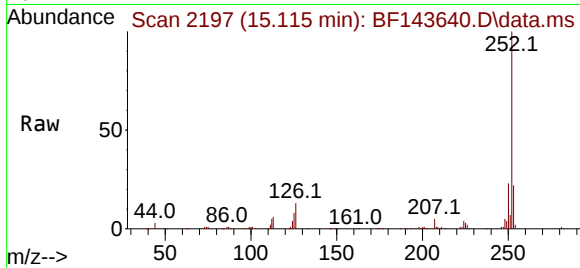




#89
Benzo(k)fluoranthene
Concen: 9.951 ng
RT: 15.115 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

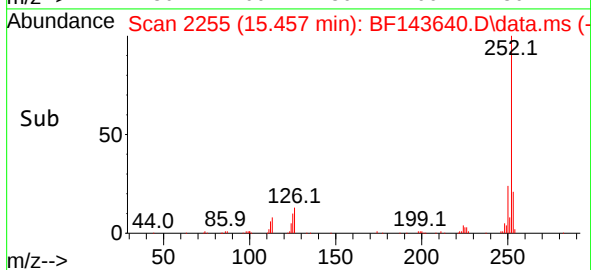
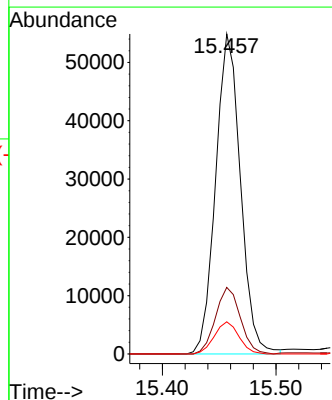
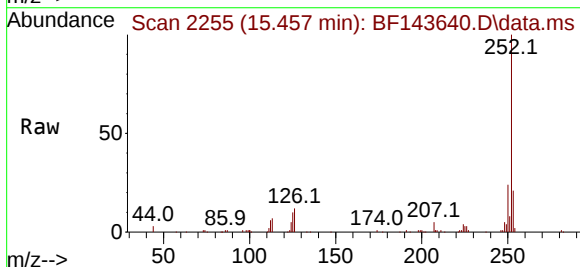
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

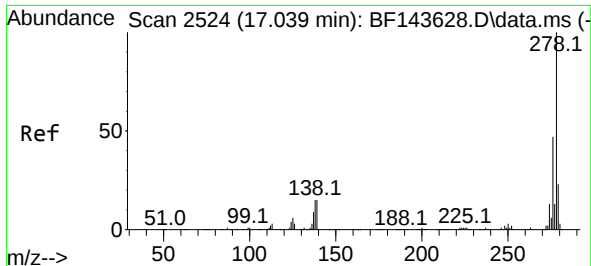
Tgt Ion:252 Resp: 83204
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 10.034 ng
RT: 15.457 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:252 Resp: 83394
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 10.1 8.3 12.5

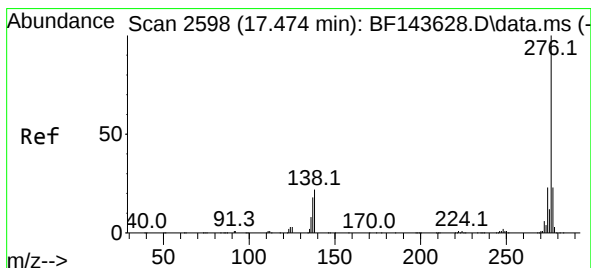
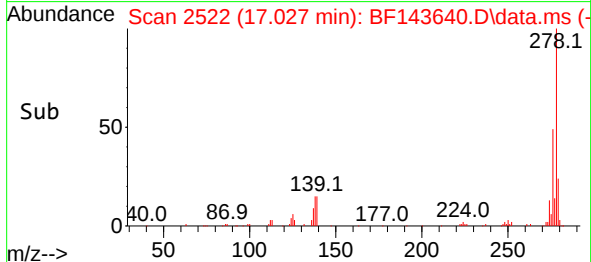
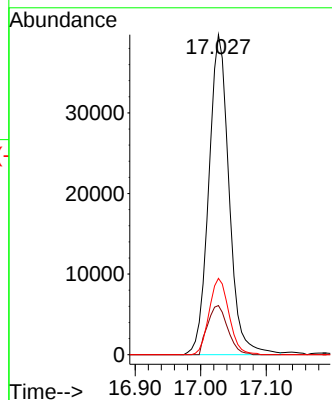
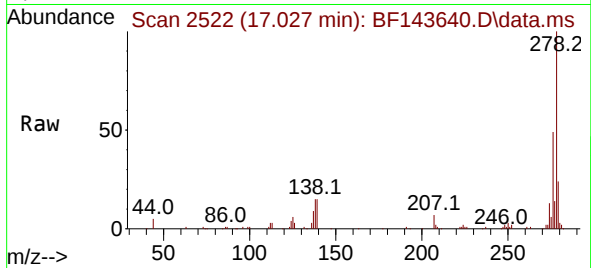




#91
Dibenzo(a,h)anthracene
Concen: 9.277 ng
RT: 17.027 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:278 Resp: 85360
Ion Ratio Lower Upper
278 100
139 15.3 12.4 18.6
279 23.9 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 9.322 ng
RT: 17.456 min Scan# 2595
Delta R.T. -0.018 min
Lab File: BF143640.D
Acq: 04 Sep 2025 13:15

Tgt Ion:276 Resp: 82634
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 21.9 17.2 25.8

