

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141306.D
 Acq On : 30 Jan 2025 11:55
 Operator : RC/JU
 Sample : Q1168-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Quant Time: Jan 30 12:16:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	159543	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	651126	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	360948	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	624541	20.000	ng	0.00
76) Chrysene-d12	13.968	240	375774	20.000	ng	0.00
86) Perylene-d12	15.439	264	333683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	899133	86.519	ng	0.00
7) Phenol-d6	6.428	99	1176565	88.996	ng	-0.01
23) Nitrobenzene-d5	7.357	82	783425	63.428	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	290623	87.826	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1406531	59.979	ng	0.00
79) Terphenyl-d14	12.916	244	1417480	58.174	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	37354	8.173	ng	98
3) Pyridine	3.240	79	79773	7.244	ng	99
4) n-Nitrosodimethylamine	3.152	42	50892	8.090	ng	99
6) Aniline	6.457	93	114934	10.270	ng	98
8) 2-Chlorophenol	6.581	128	93934	8.433	ng	95
9) Benzaldehyde	6.345	77	77436	10.112	ng	99
10) Phenol	6.440	94	118535	8.458	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	92513	8.610	ng	99
12) 1,3-Dichlorobenzene	6.740	146	103127	8.397	ng	97
13) 1,4-Dichlorobenzene	6.816	146	104407	8.462	ng	98
14) 1,2-Dichlorobenzene	6.969	146	96094	8.317	ng	99
15) Benzyl Alcohol	6.940	79	82552	9.137	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	167539	8.966	ng	99
17) 2-Methylphenol	7.045	107	72471	8.005	ng	100
18) Hexachloroethane	7.310	117	37107	8.152	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	67478	8.590	ng	99
20) 3+4-Methylphenols	7.198	107	95760	8.615	ng	# 89
22) Acetophenone	7.204	105	137758	8.901	ng	96
24) Nitrobenzene	7.375	77	101836	7.956	ng	99
25) Isophorone	7.616	82	184116	8.623	ng	99
26) 2-Nitrophenol	7.692	139	47005	7.787	ng	99
27) 2,4-Dimethylphenol	7.734	122	33004	4.295	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	115121	8.453	ng	99
29) 2,4-Dichlorophenol	7.934	162	76991	8.185	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	86086	8.014	ng	99
31) Naphthalene	8.098	128	288271	8.381	ng	98
32) Benzoic acid	7.810	122	79101	11.199	ng	99
33) 4-Chloroaniline	8.151	127	106460	9.127	ng	97
34) Hexachlorobutadiene	8.222	225	47795	7.587	ng	99
35) Caprolactam	8.486	113	24852	8.090	ng	98
36) 4-Chloro-3-methylphenol	8.622	107	84349	8.360	ng	98
37) 2-Methylnaphthalene	8.792	142	186978	8.553	ng	99
38) 1-Methylnaphthalene	8.892	142	172896	8.051	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	86740	8.447	ng	99
41) Hexachlorocyclopentadiene	8.945	237	31505	10.389	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	53371	7.941	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141306.D
 Acq On : 30 Jan 2025 11:55
 Operator : RC/JU
 Sample : Q1168-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

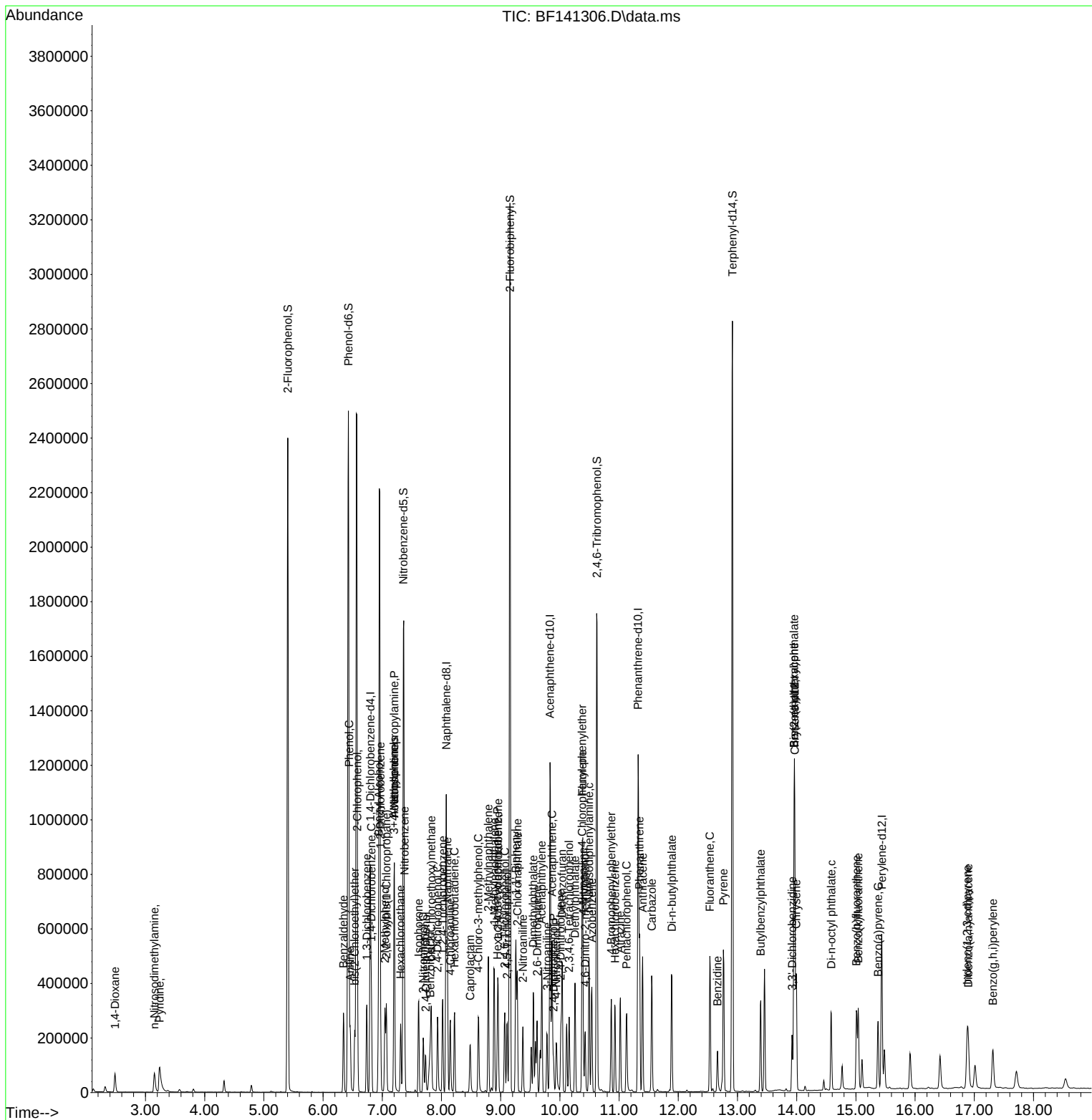
Quant Time: Jan 30 12:16:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

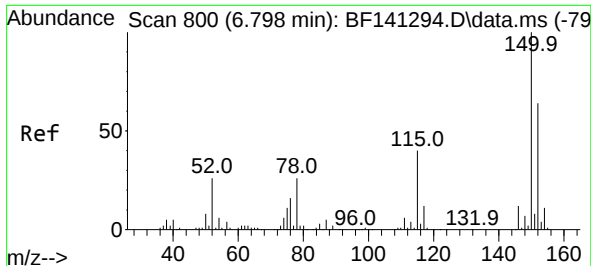
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	57330	7.837	ng	97
46) 1,1'-Biphenyl	9.257	154	244896	8.700	ng	99
47) 2-Chloronaphthalene	9.281	162	174519	7.954	ng	98
48) 2-Nitroaniline	9.375	65	53643	7.773	ng	98
49) Acenaphthylene	9.692	152	271270	8.832	ng	99
50) Dimethylphthalate	9.551	163	204010	8.368	ng	100
51) 2,6-Dinitrotoluene	9.616	165	44573	7.875	ng	95
52) Acenaphthene	9.869	154	184746	8.420	ng	100
53) 3-Nitroaniline	9.786	138	45540	8.209	ng	98
54) 2,4-Dinitrophenol	9.892	184	23520	8.939	ng	96
55) Dibenzofuran	10.039	168	249612	8.499	ng	99
56) 4-Nitrophenol	9.939	139	44899	11.066	ng	98
57) 2,4-Dinitrotoluene	10.016	165	57914	7.902	ng	98
58) Fluorene	10.380	166	196916	8.644	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	49483	8.598	ng	97
60) Diethylphthalate	10.257	149	198283	8.388	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	96408	8.663	ng	99
62) 4-Nitroaniline	10.392	138	40811	7.482	ng	97
63) Azobenzene	10.539	77	196396	8.301	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	39870	10.793	ng	96
66) n-Nitrosodiphenylamine	10.492	169	167463	8.290	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	57062	8.161	ng	97
68) Hexachlorobenzene	10.933	284	59937	8.081	ng	95
69) Atrazine	11.022	200	54775	8.110	ng	97
70) Pentachlorophenol	11.127	266	49873	11.483	ng	99
71) Phenanthrene	11.345	178	293635	8.747	ng	100
72) Anthracene	11.398	178	267453	8.131	ng	99
73) Carbazole	11.551	167	245537	8.418	ng	99
74) Di-n-butylphthalate	11.892	149	307894	8.710	ng	99
75) Fluoranthene	12.533	202	288672	8.709	ng	99
77) Benzidine	12.663	184	86938	7.217	ng	98
78) Pyrene	12.763	202	298693	8.281	ng	100
80) Butylbenzylphthalate	13.392	149	105746	8.391	ng	100
81) Benzo(a)anthracene	13.957	228	207947	8.019	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	62381	7.564	ng	98
83) Chrysene	13.992	228	206130	8.674	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	140674	8.800	ng	97
85) Di-n-octyl phthalate	14.586	149	194383	7.829	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	167247	7.766	ng	99
88) Benzo(b)fluoranthene	15.010	252	183411	8.738	ng	99
89) Benzo(k)fluoranthene	15.039	252	154682	8.319	ng	99
90) Benzo(a)pyrene	15.374	252	151423	8.537	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	131306	7.578	ng	100
92) Benzo(g,h,i)perylene	17.315	276	130398	7.238	ng	98

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

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Quant Time: Jan 30 12:16:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

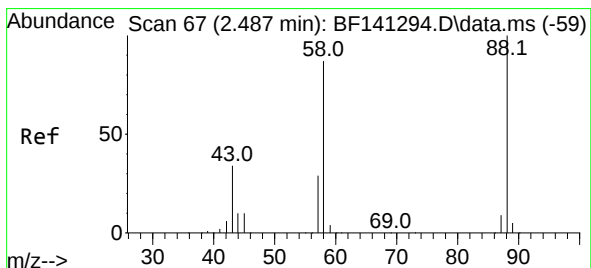
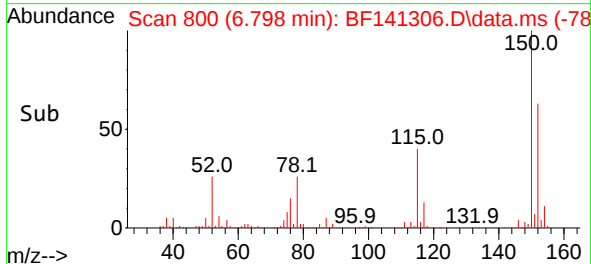
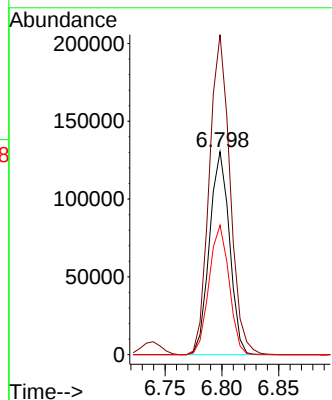
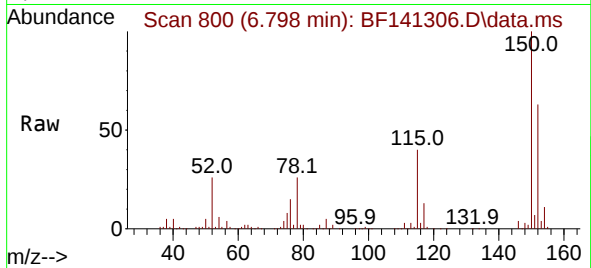




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

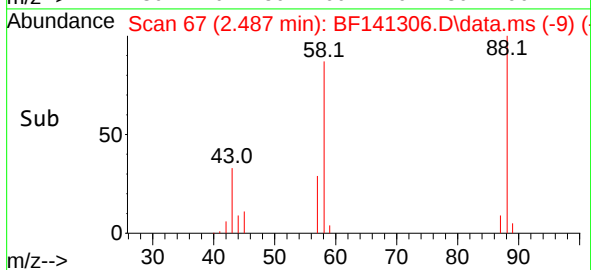
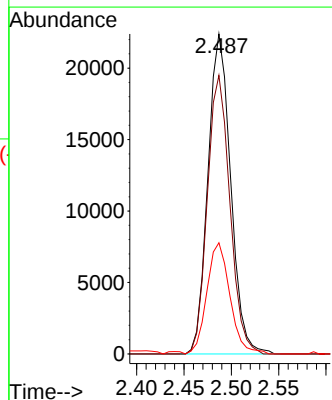
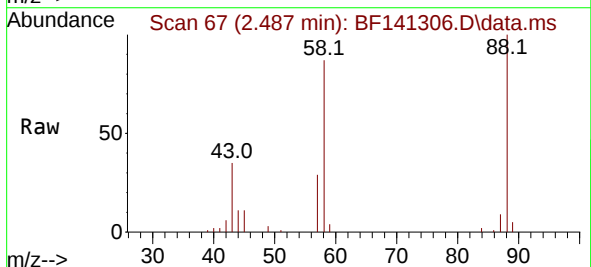
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

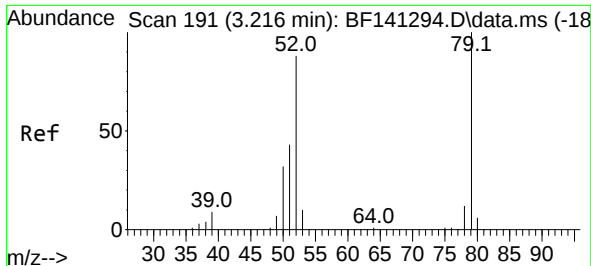
Tgt Ion:152 Resp: 159543
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 63.7 49.7 74.5



#2
1,4-Dioxane
Concen: 8.173 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion: 88 Resp: 37354
Ion Ratio Lower Upper
88 100
58 86.3 70.2 105.4
43 35.2 27.6 41.4





#3

Pyridine

Concen: 7.244 ng

RT: 3.240 min Scan# 191

Delta R.T. 0.012 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

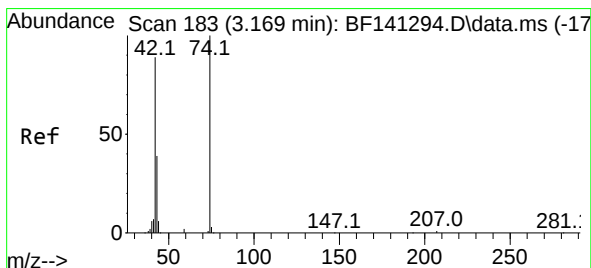
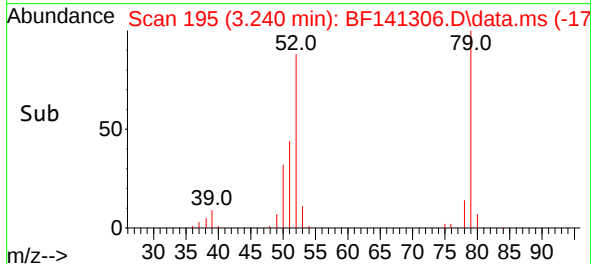
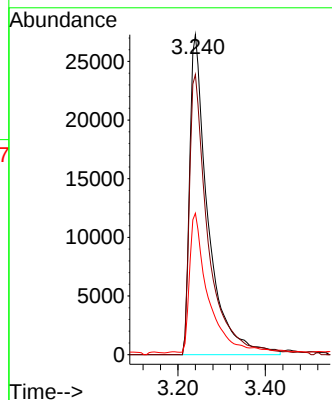
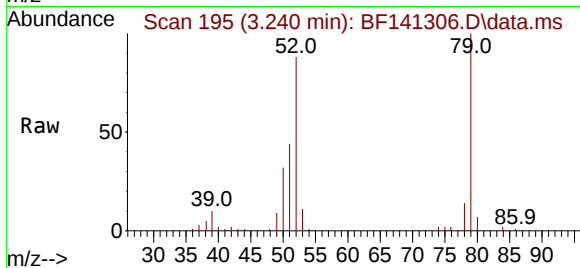
Tgt Ion: 79 Resp: 79773

Ion Ratio Lower Upper

79 100

52 87.5 70.3 105.5

51 44.2 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 8.090 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.047 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

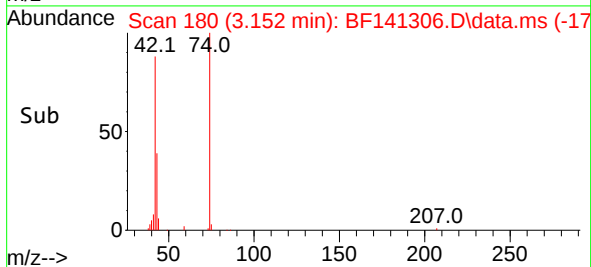
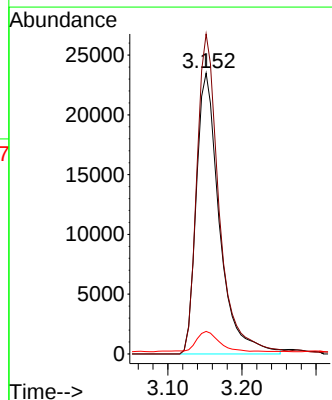
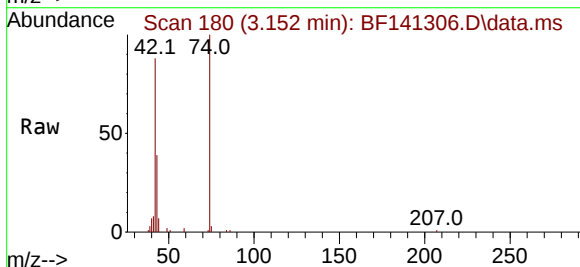
Tgt Ion: 42 Resp: 50892

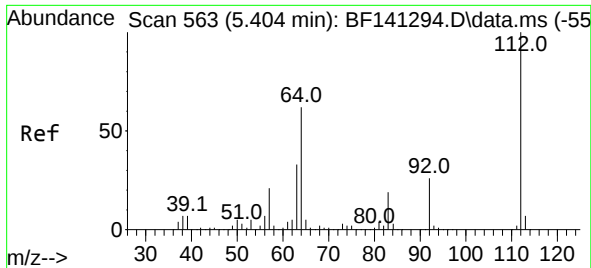
Ion Ratio Lower Upper

42 100

74 113.9 90.3 135.5

44 8.1 5.7 8.5

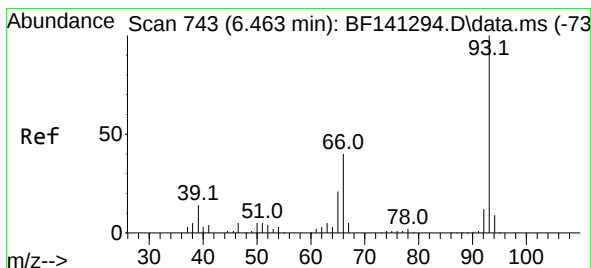
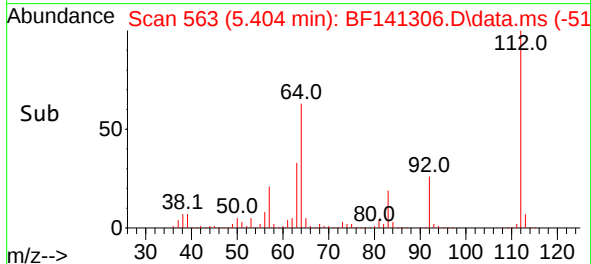
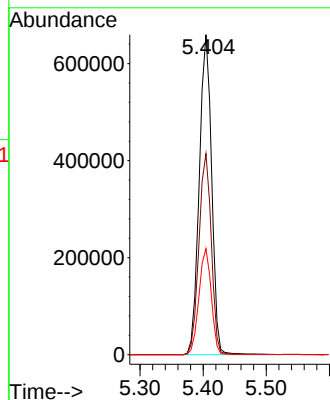
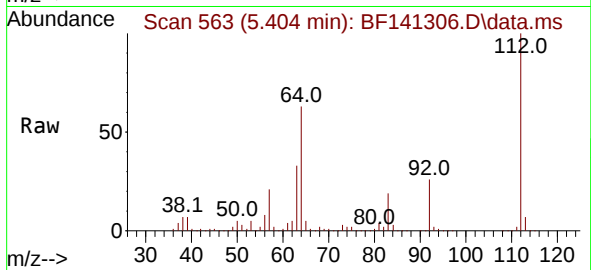




#5
2-Fluorophenol
Concen: 86.519 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

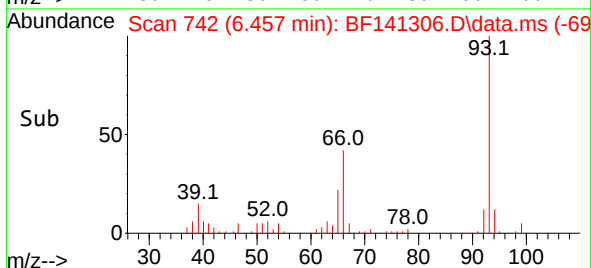
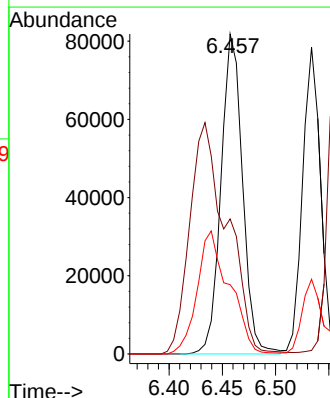
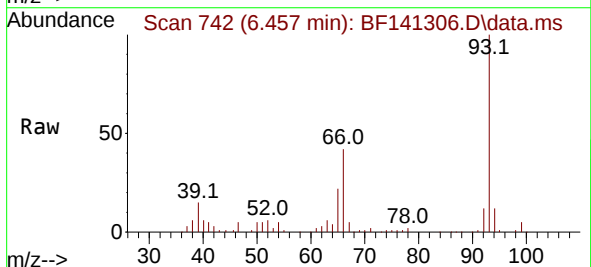
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

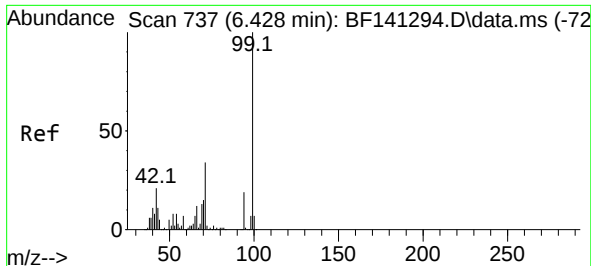
Tgt Ion:112 Resp: 899133
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 33.1 26.1 39.1



#6
Aniline
Concen: 10.270 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion: 93 Resp: 114934
Ion Ratio Lower Upper
93 100
66 42.2 32.5 48.7
65 21.7 17.0 25.6



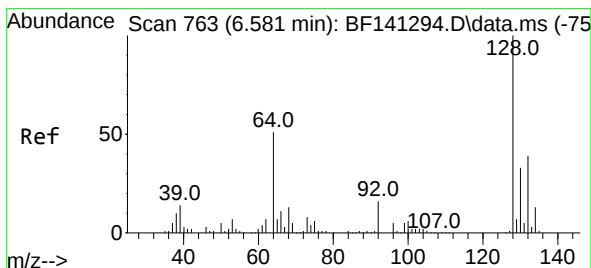
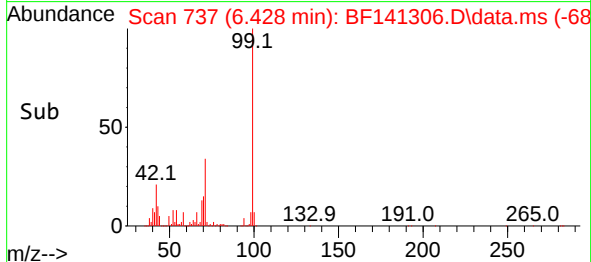
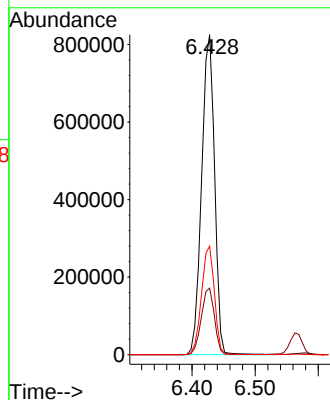
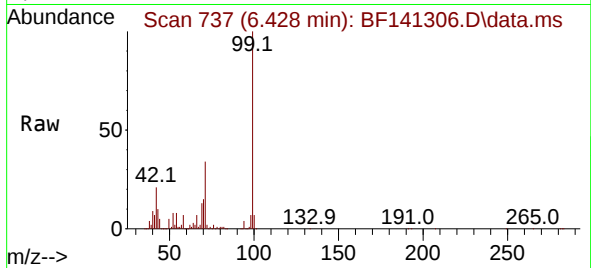


#7
Phenol-d6
Concen: 88.996 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion: 99 Resp: 1176565

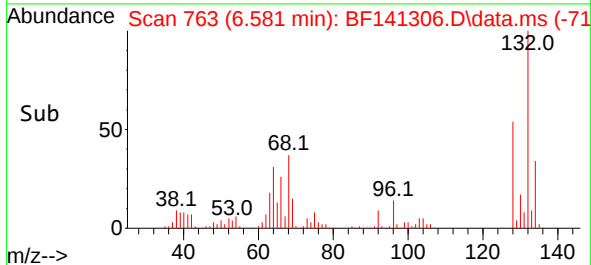
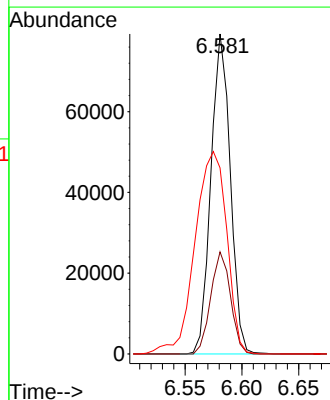
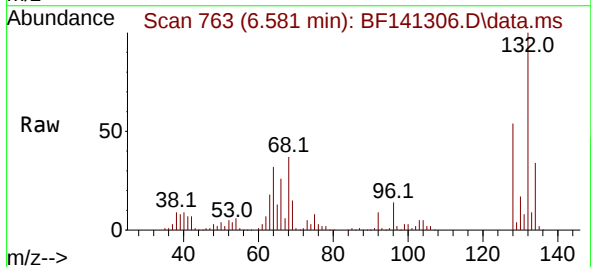
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.1	25.7
71	33.9	26.9	40.3

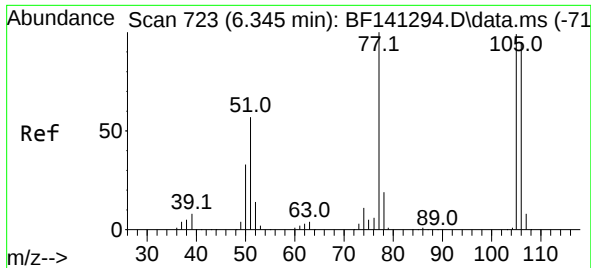


#8
2-Chlorophenol
Concen: 8.433 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:128 Resp: 93934

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.5	52.5
64	58.1	32.9	72.9





#9

Benzaldehyde

Concen: 10.112 ng

RT: 6.345 min Scan# 723

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

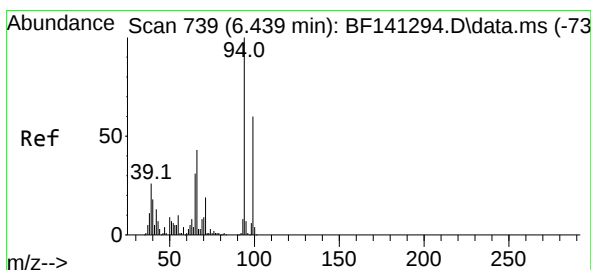
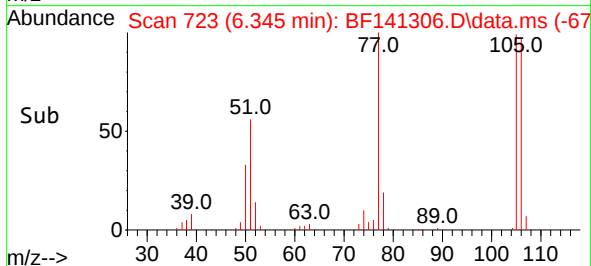
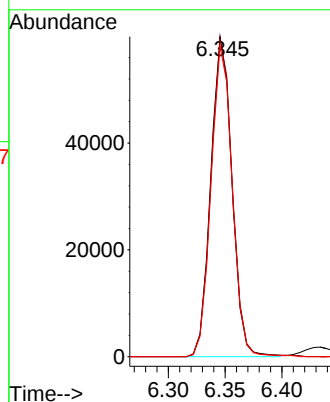
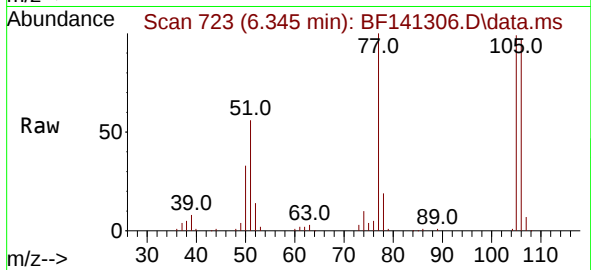
Tgt Ion: 77 Resp: 77436

Ion Ratio Lower Upper

77 100

105 99.5 79.4 119.4

106 97.0 74.6 114.6



#10

Phenol

Concen: 8.458 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

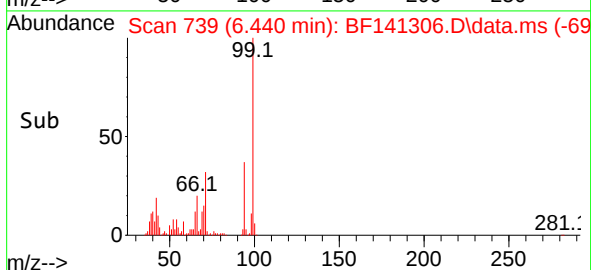
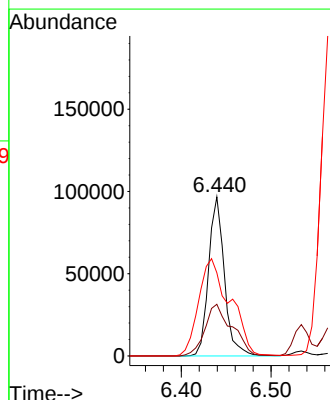
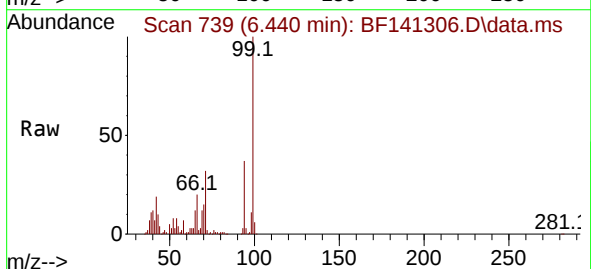
Tgt Ion: 94 Resp: 118535

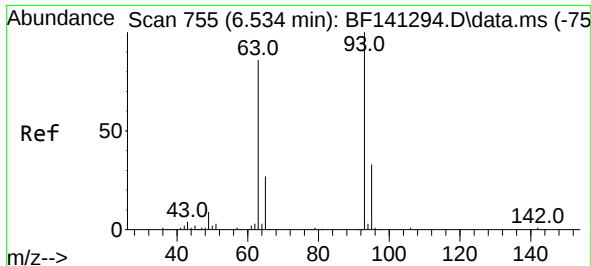
Ion Ratio Lower Upper

94 100

65 32.5 10.8 50.8

66 52.3 23.3 63.3

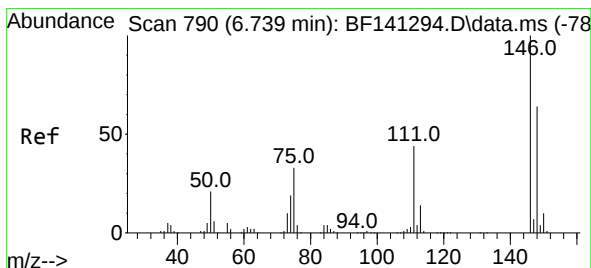
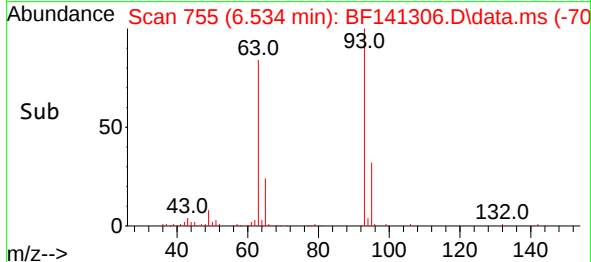
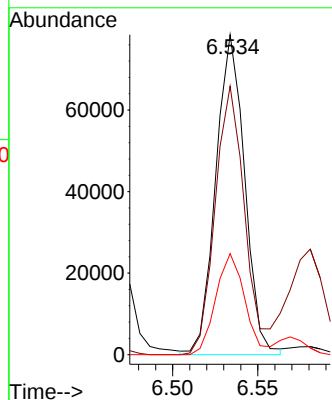
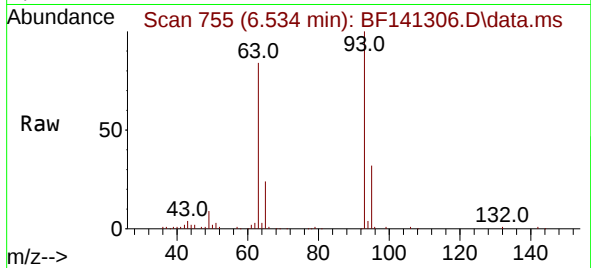




#11
bis(2-Chloroethyl)ether
Concen: 8.610 ng
RT: 6.534 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

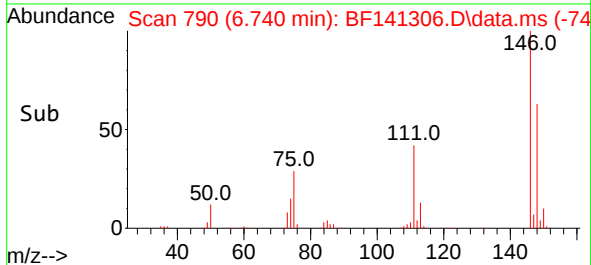
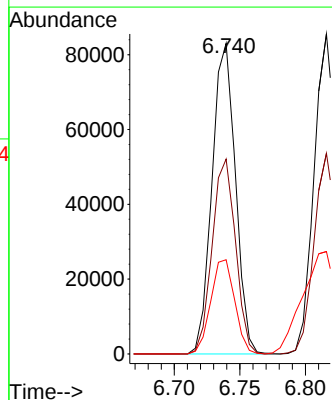
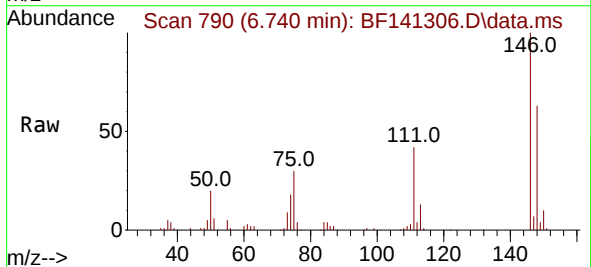
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

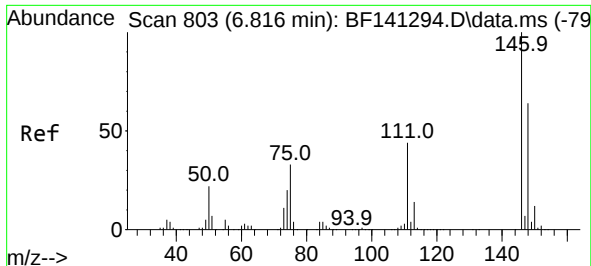
Tgt Ion: 93	Resp: 92513
Ion Ratio	Lower Upper
93 100	
63 83.9	65.0 105.0
95 31.6	12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 8.397 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt	Ion:146	Resp:	103127
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.2	76.8
75	30.4	26.2	39.4

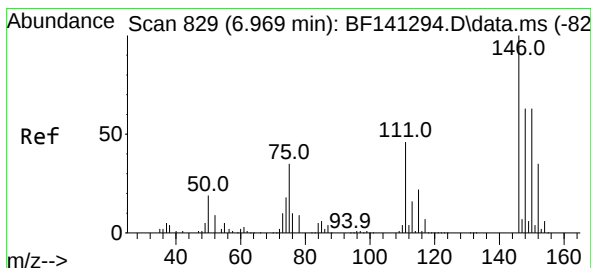
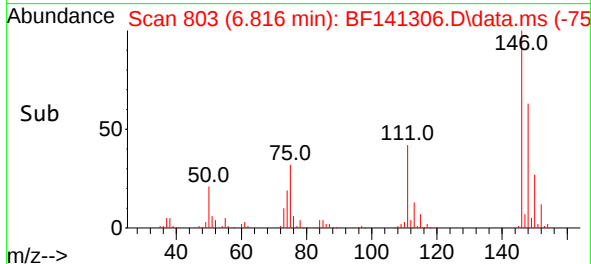
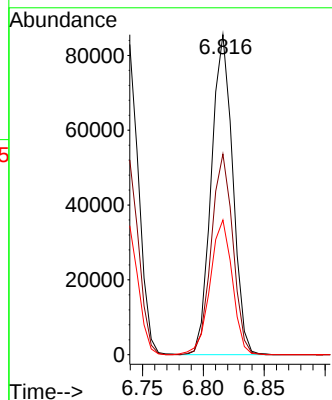
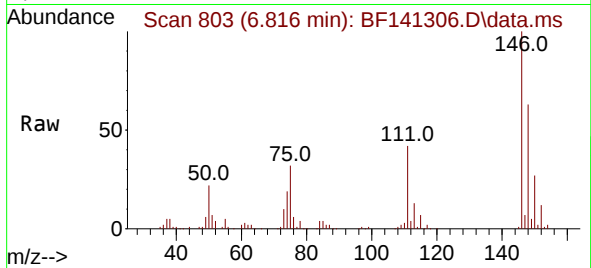




#13
1,4-Dichlorobenzene
Concen: 8.462 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

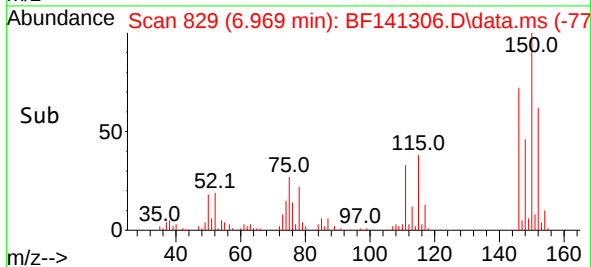
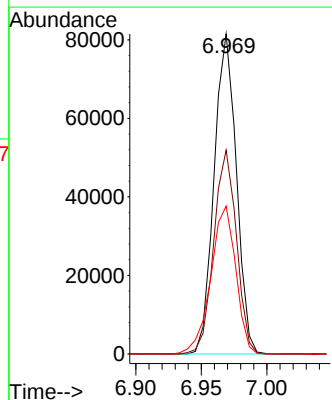
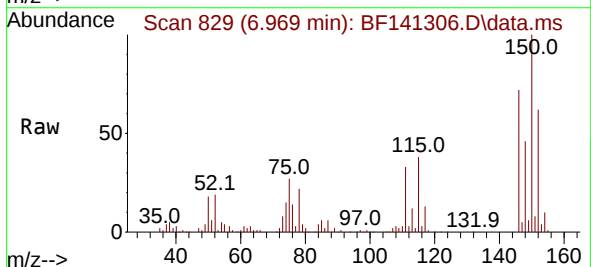
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

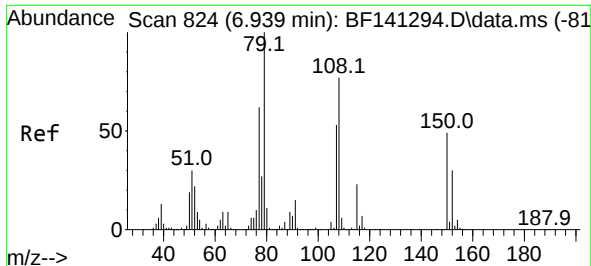
Tgt Ion:146 Resp: 104407
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
111 42.1 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 8.317 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:146 Resp: 96094
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 46.2 36.6 55.0

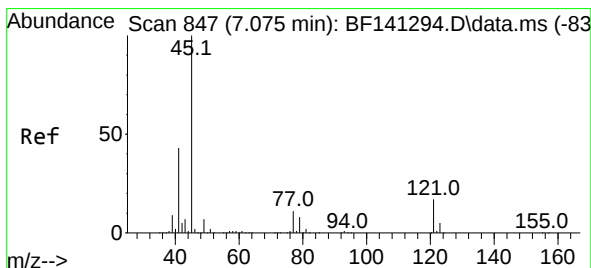
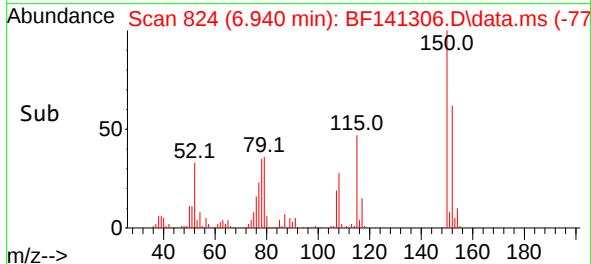
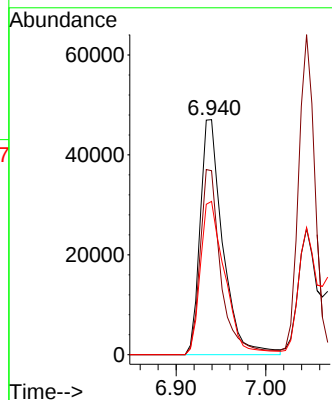
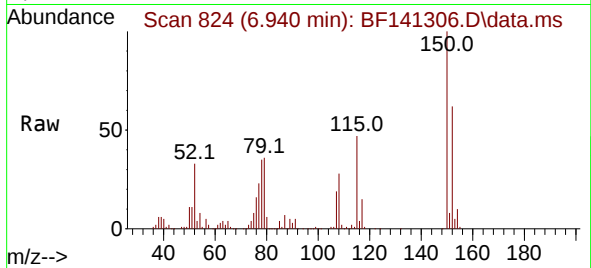




#15
Benzyl Alcohol
Concen: 9.137 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

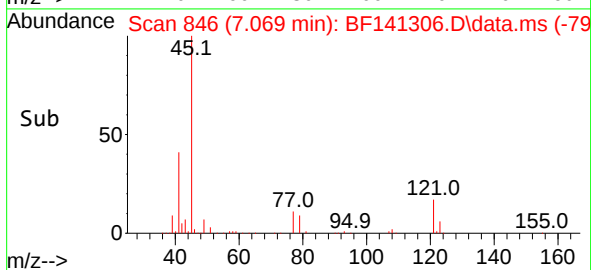
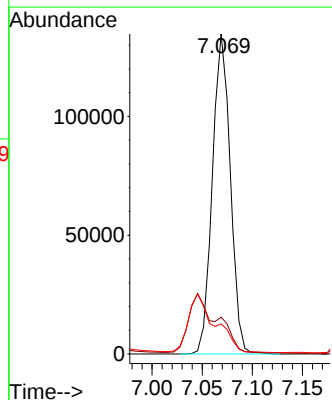
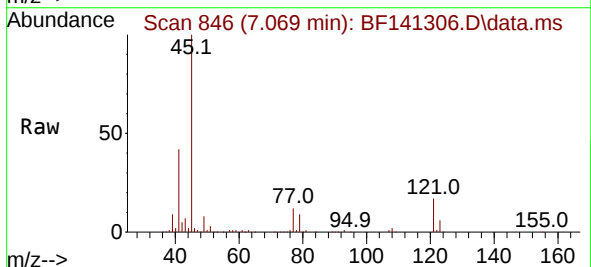
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

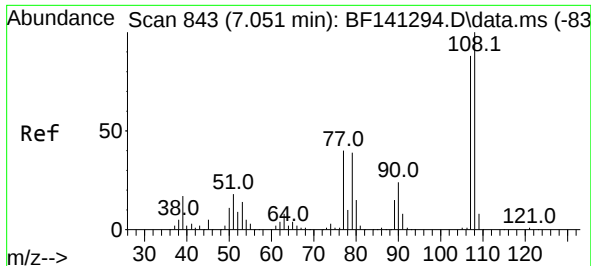
Tgt Ion: 79 Resp: 82552
Ion Ratio Lower Upper
79 100
108 78.3 61.4 92.0
77 65.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.966 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion: 45 Resp: 167539
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.8
79 9.4 0.0 29.1

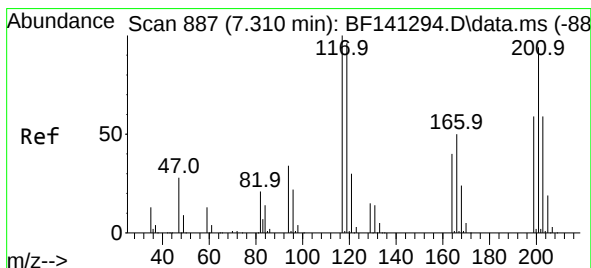
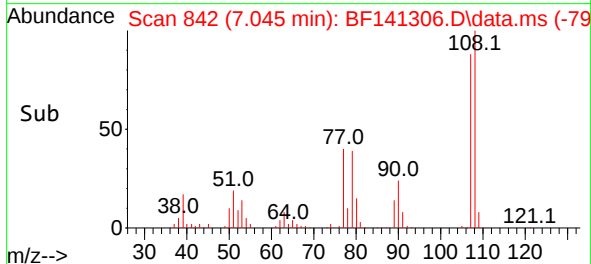
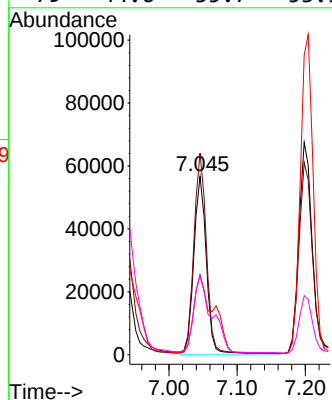
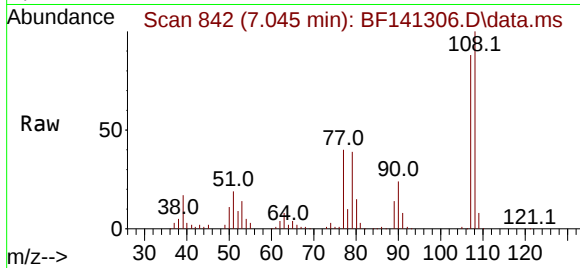




#17
2-Methylphenol
Concen: 8.005 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

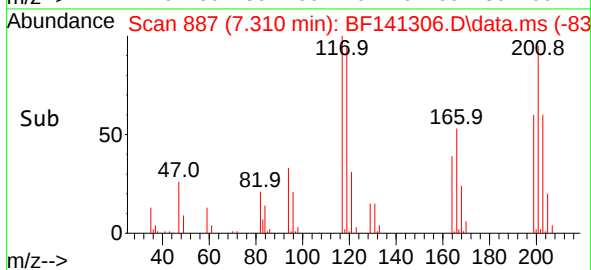
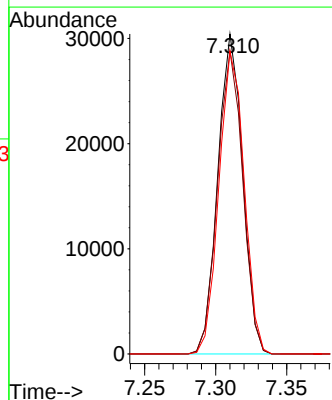
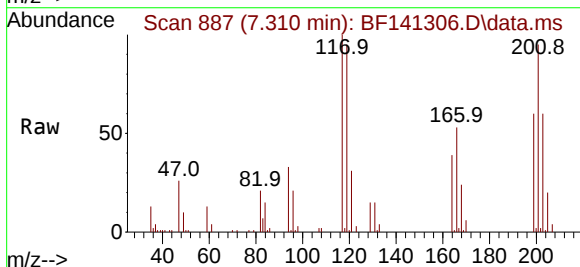
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

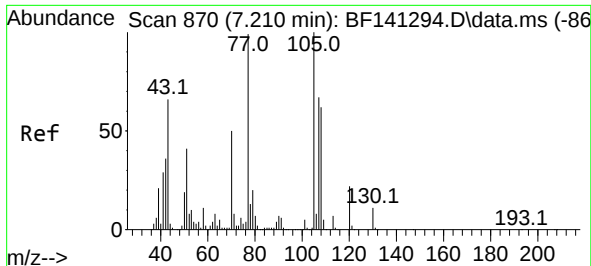
Tgt Ion:	107	Resp:	72471
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.8	136.2
77	44.9	36.2	54.4
79	44.6	35.7	53.5



#18
Hexachloroethane
Concen: 8.152 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:	117	Resp:	37107
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	114.8
201	94.5	74.8	112.2

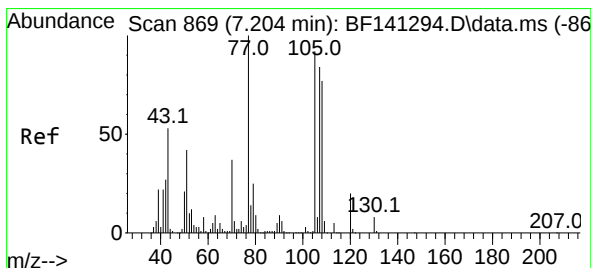
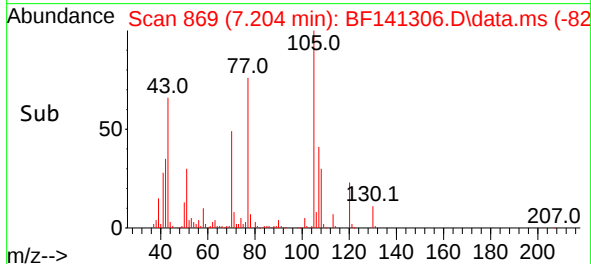
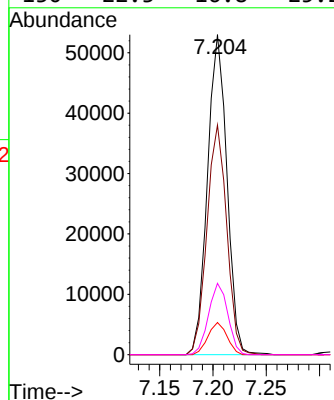
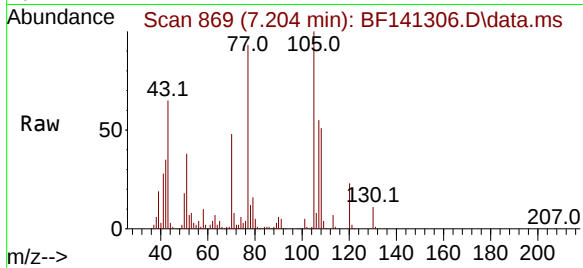




#19
n-Nitroso-di-n-propylamine
Concen: 8.590 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

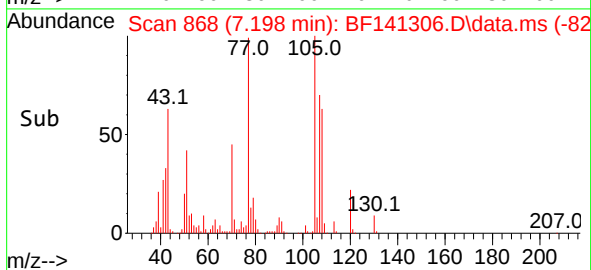
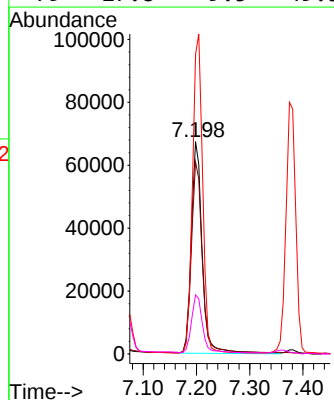
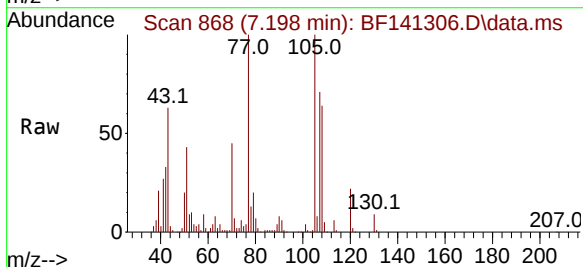
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

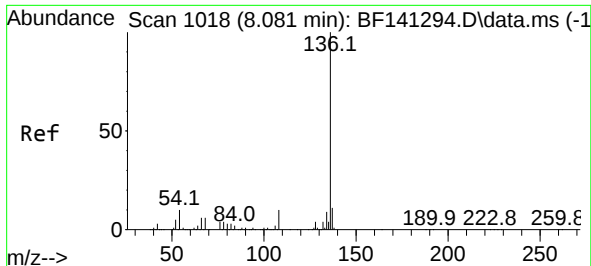
Tgt Ion:	70	Resp:	67478
Ion	Ratio	Lower	Upper
70	100		
42	71.7	56.8	85.2
101	10.1	7.7	11.5
130	22.3	16.8	25.2



#20
3+4-Methylphenols
Concen: 8.615 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:	107	Resp:	95760
Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.9	110.9
77	141.0	98.5	138.5#
79	27.8	9.5	49.5

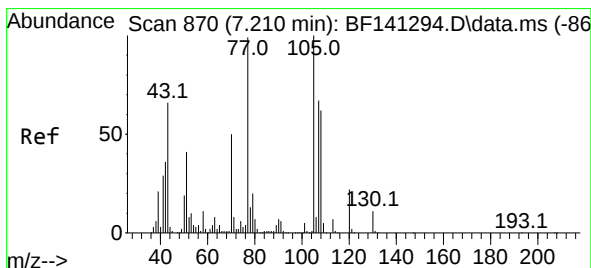
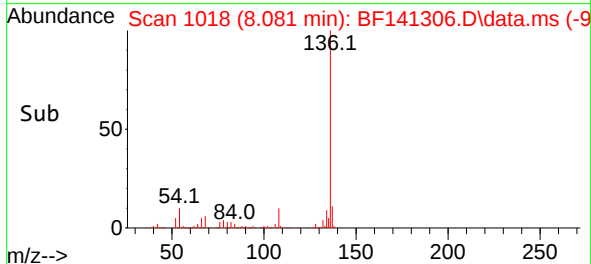
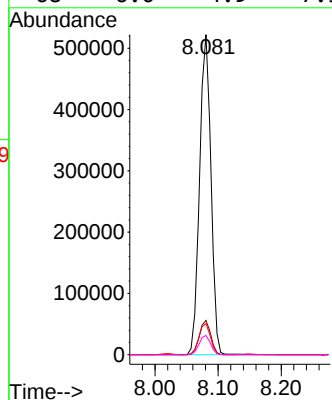
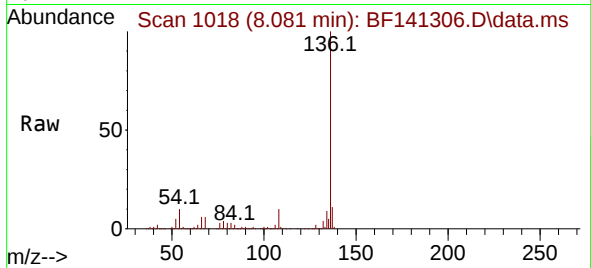




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

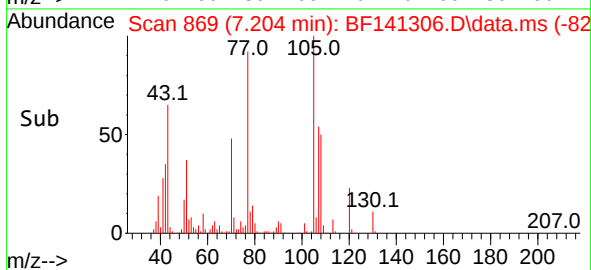
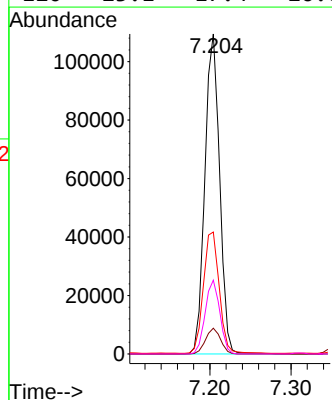
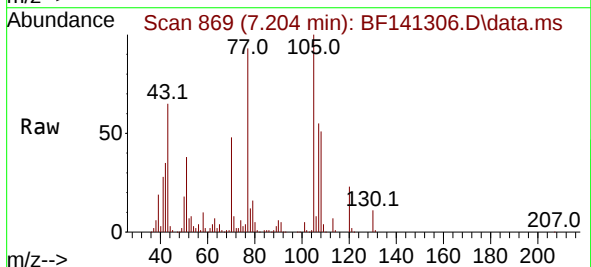
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

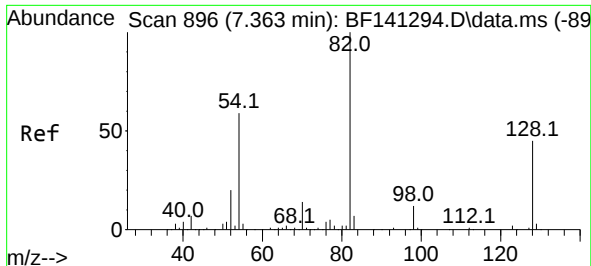
Tgt Ion:	136	Resp:	651126
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.7	7.8	11.8
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 8.901 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:	105	Resp:	137758
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.8	10.2
51	38.1	32.6	49.0
120	23.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 63.428 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

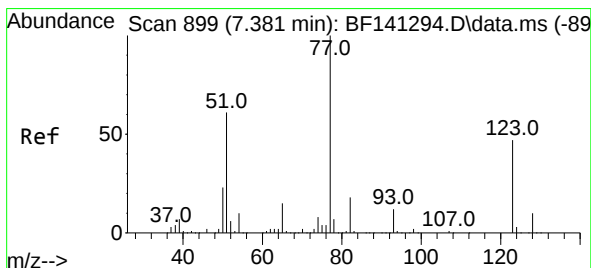
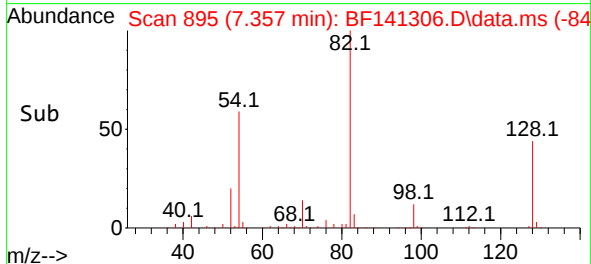
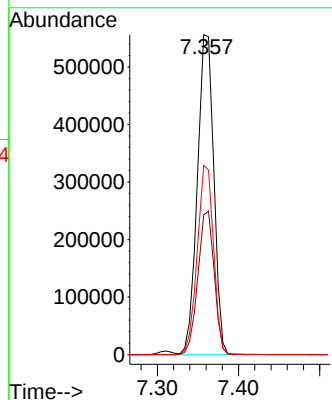
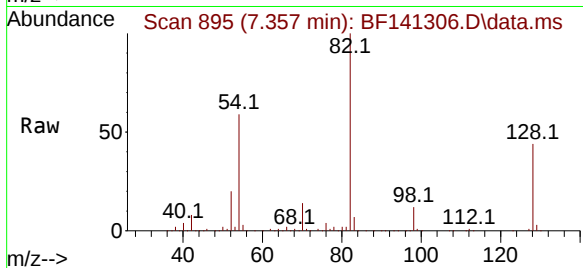
Tgt Ion: 82 Resp: 783425

Ion Ratio Lower Upper

82 100

128 43.7 35.7 53.5

54 59.1 47.1 70.7



#24

Nitrobenzene

Concen: 7.956 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

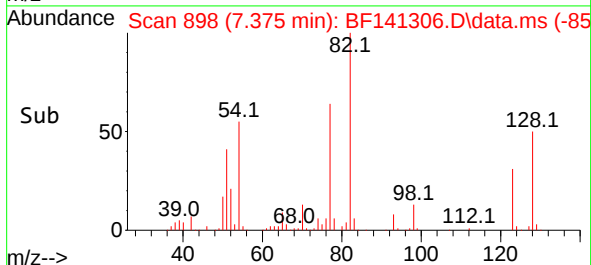
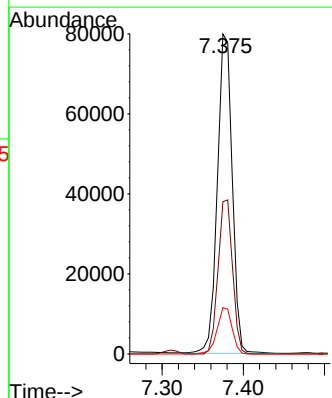
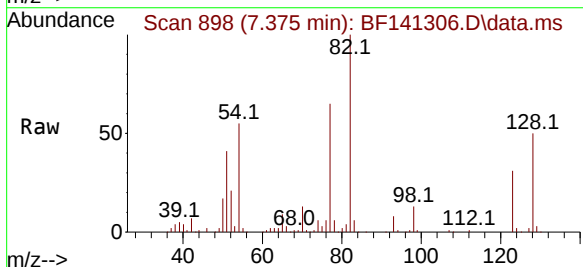
Tgt Ion: 77 Resp: 101836

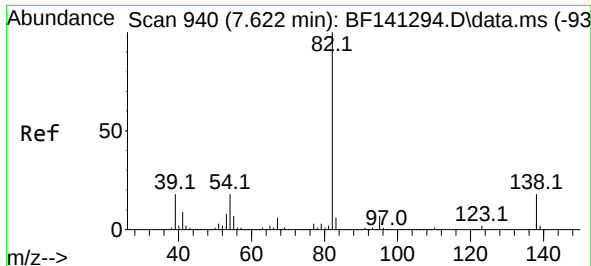
Ion Ratio Lower Upper

77 100

123 47.6 37.3 55.9

65 14.5 11.8 17.6

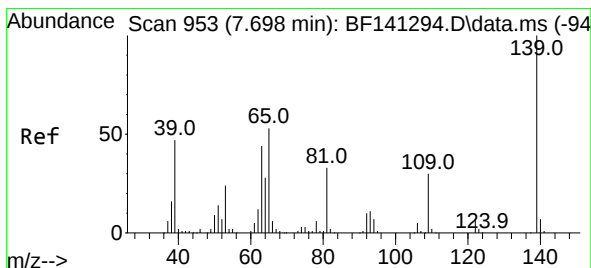
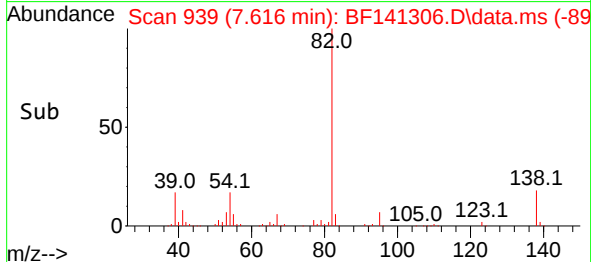
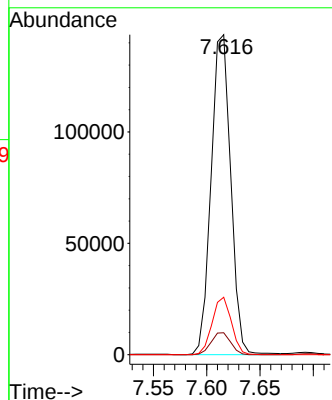
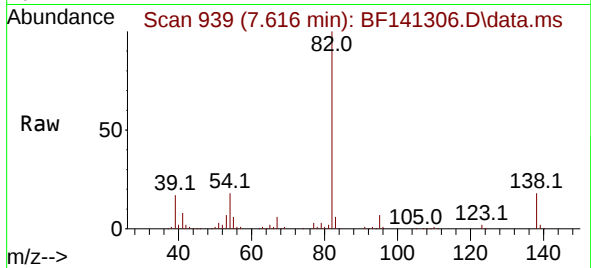




#25
Isophorone
Concen: 8.623 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

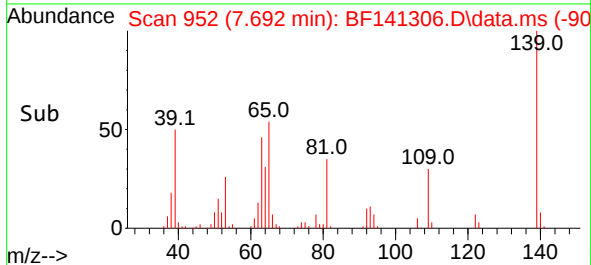
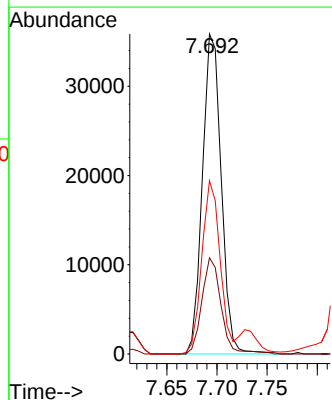
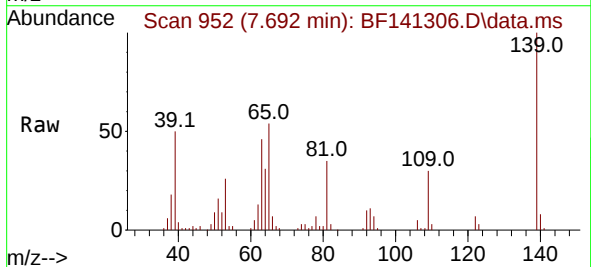
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

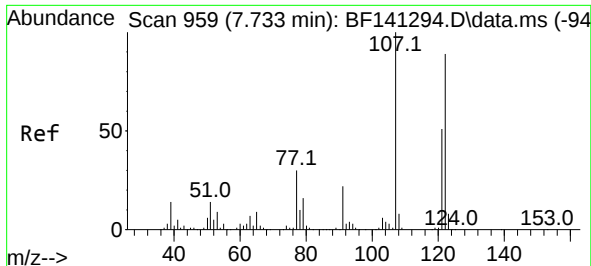
Tgt Ion: 82 Resp: 184116
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 18.0 14.7 22.1



#26
2-Nitrophenol
Concen: 7.787 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion: 139 Resp: 47005
Ion Ratio Lower Upper
139 100
109 30.1 23.8 35.6
65 54.1 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 4.295 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141306.D

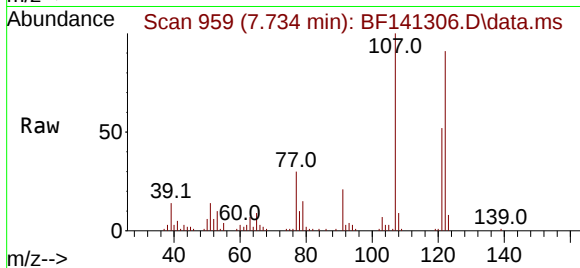
Acq: 30 Jan 2025 11:55

Instrument :

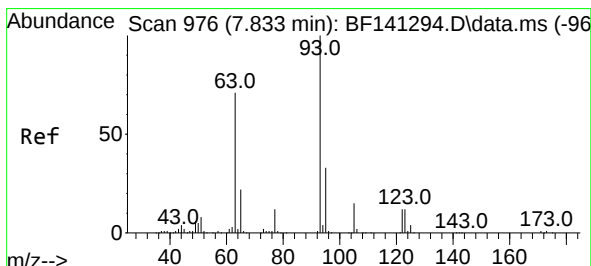
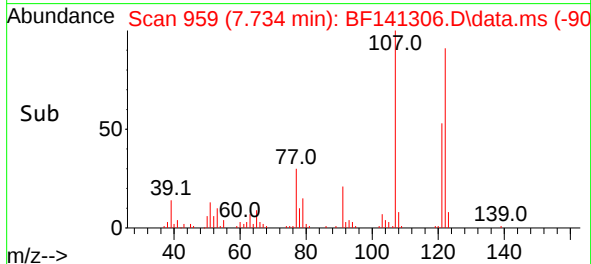
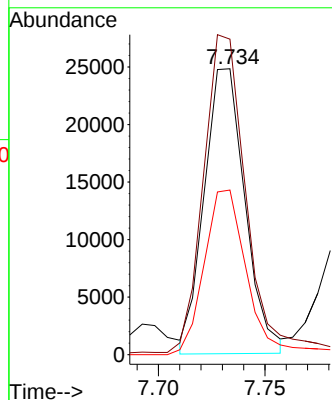
BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025



Tgt Ion:	122	Resp:	33004
Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.9	134.9
121	57.6	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 8.453 ng

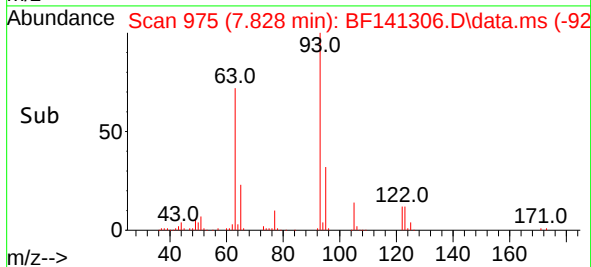
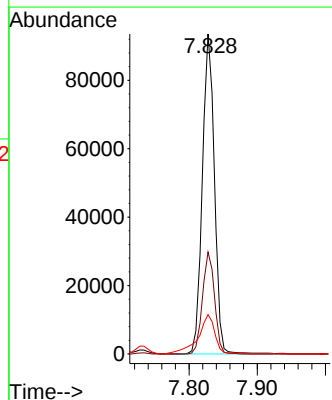
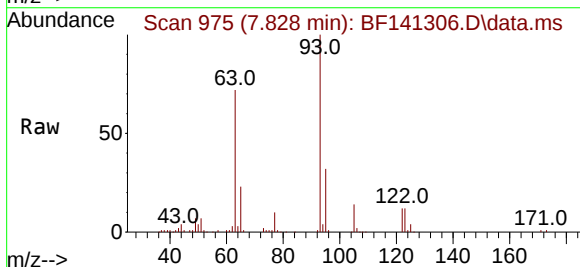
RT: 7.828 min Scan# 975

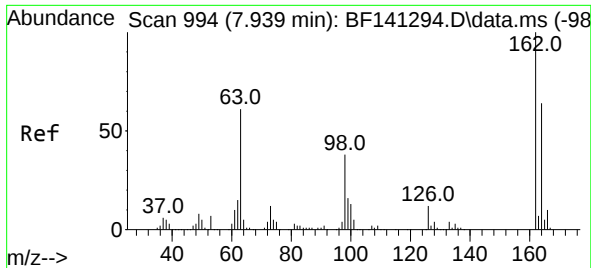
Delta R.T. -0.012 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

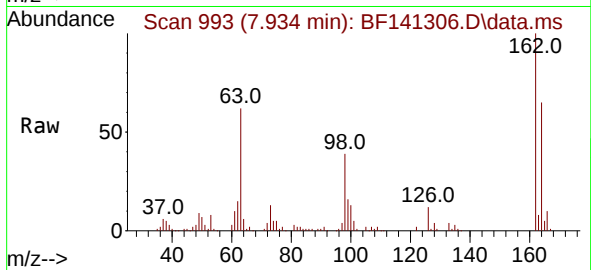
Tgt Ion:	93	Resp:	115121
Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.2
123	12.3	10.2	15.4



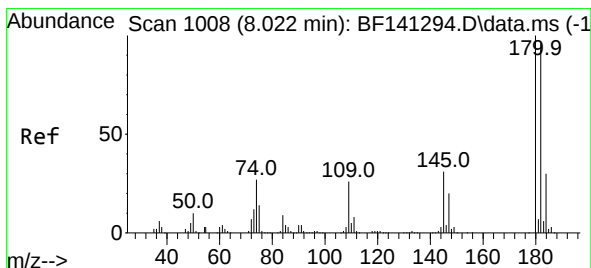
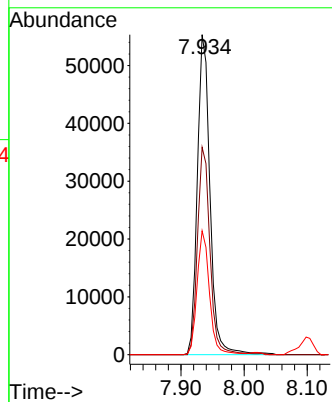
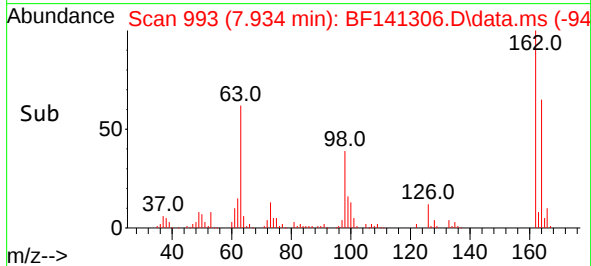


#29
2,4-Dichlorophenol
Concen: 8.185 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

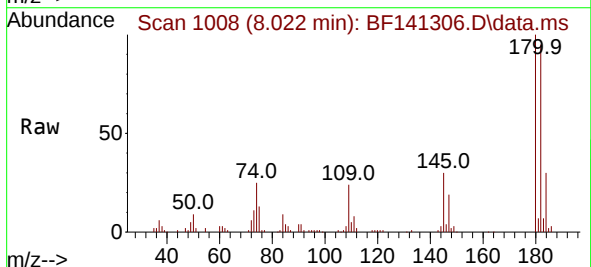
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025



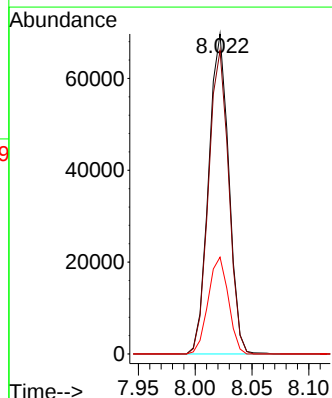
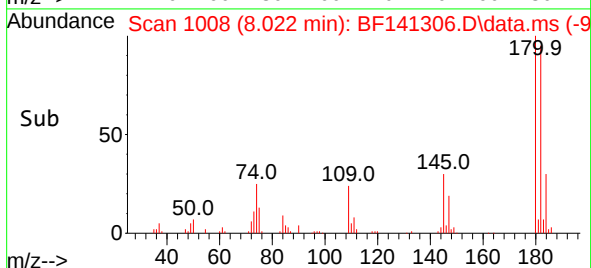
Tgt Ion:162 Resp: 76991
Ion Ratio Lower Upper
162 100
164 64.8 44.2 84.2
98 38.7 18.2 58.2

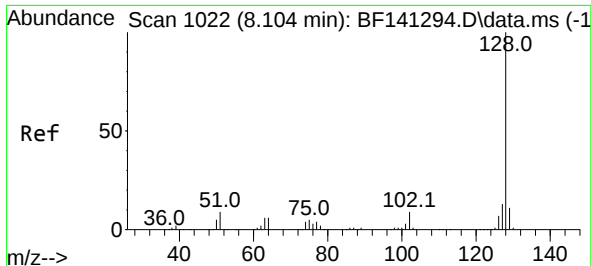


#30
1,2,4-Trichlorobenzene
Concen: 8.014 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55



Tgt Ion:180 Resp: 86086
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 30.3 24.9 37.3

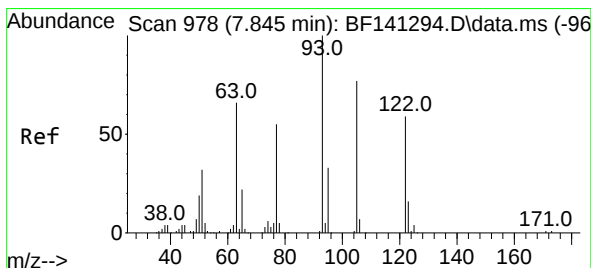
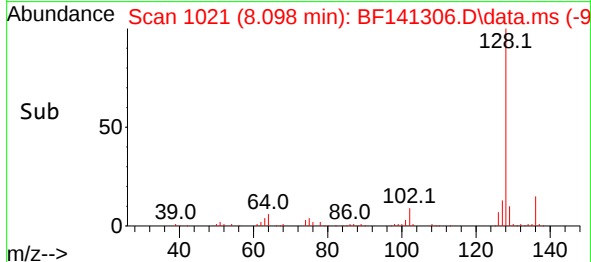
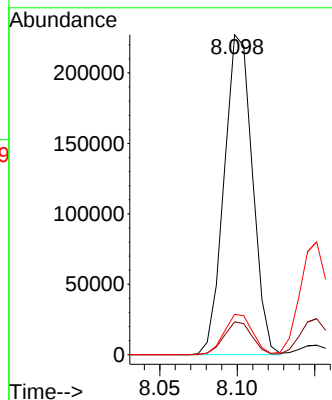
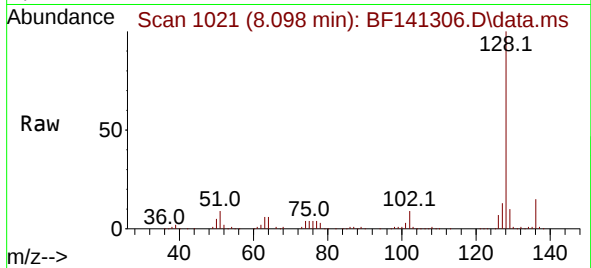




#31
Naphthalene
Concen: 8.381 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

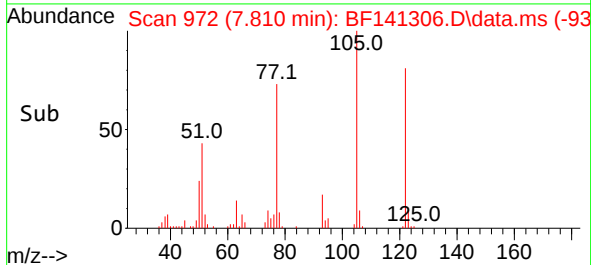
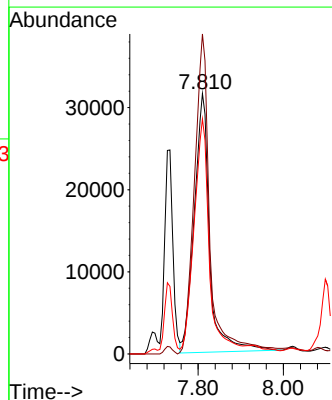
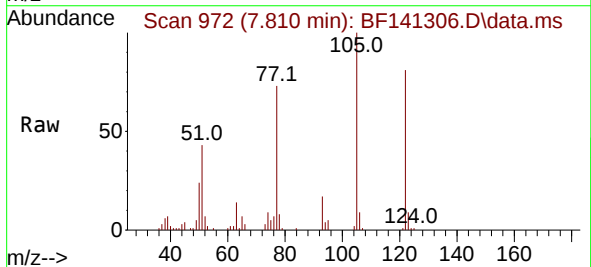
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

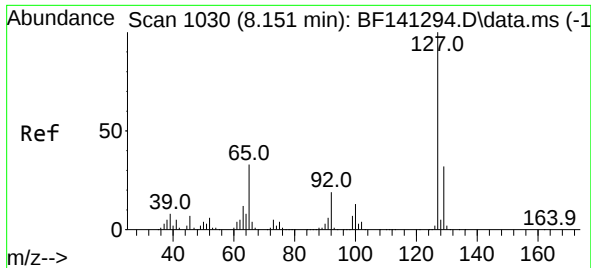
Tgt Ion:128 Resp: 288271
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 12.6 10.6 15.8



#32
Benzoic acid
Concen: 11.199 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.071 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:122 Resp: 79101
Ion Ratio Lower Upper
122 100
105 122.8 103.4 143.4
77 90.2 70.9 110.9

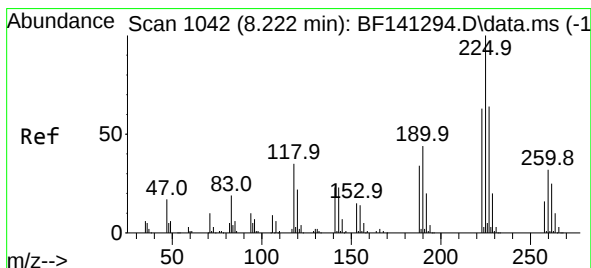
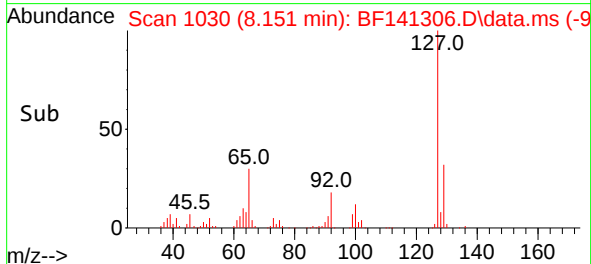
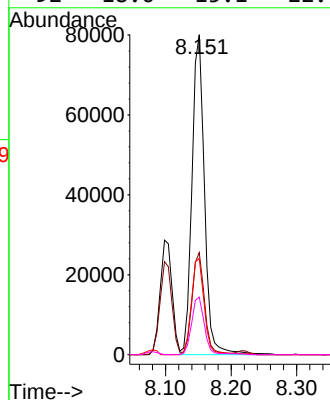
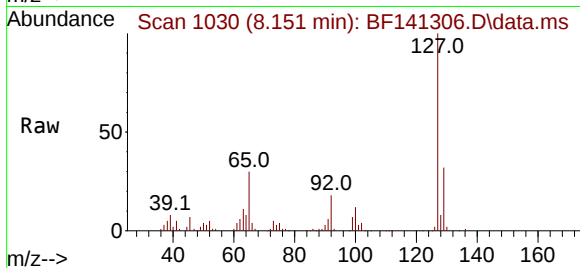




#33
4-Chloroaniline
Concen: 9.127 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

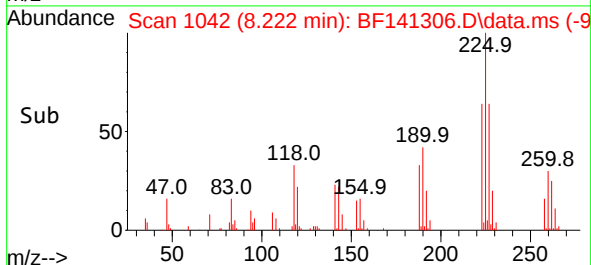
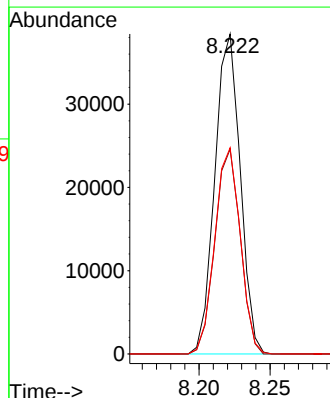
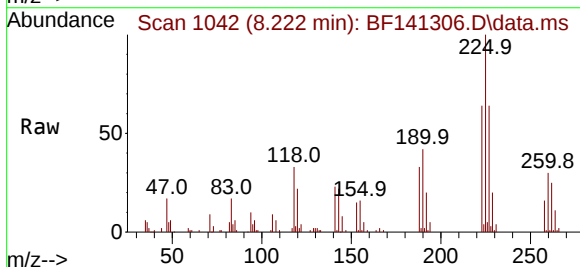
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

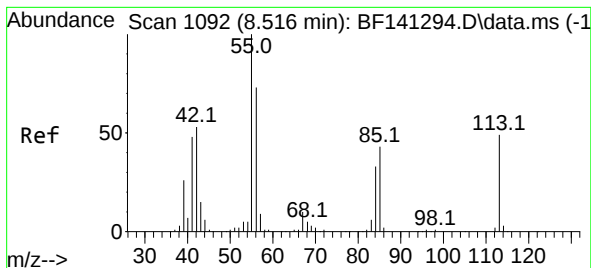
Tgt Ion:127	Resp: 106460
Ion Ratio	Lower Upper
127 100	
129 31.9	25.7 38.5
65 30.0	26.4 39.6
92 18.0	15.1 22.7



#34
Hexachlorobutadiene
Concen: 7.587 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:225	Resp: 47795
Ion Ratio	Lower Upper
225 100	
223 64.0	50.4 75.6
227 64.5	51.3 76.9





#35

Caprolactam

Concen: 8.090 ng

RT: 8.486 min Scan# 110

Delta R.T. -0.059 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

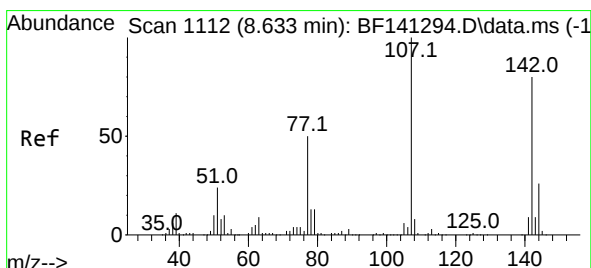
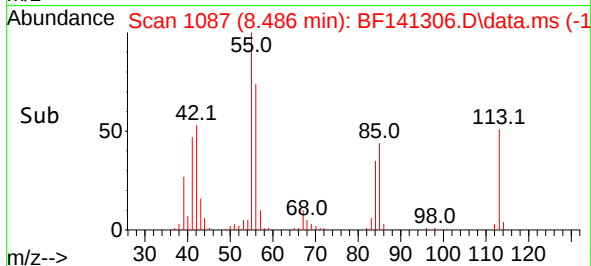
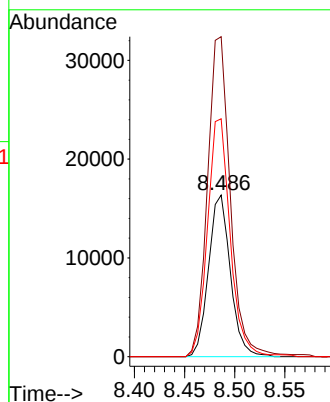
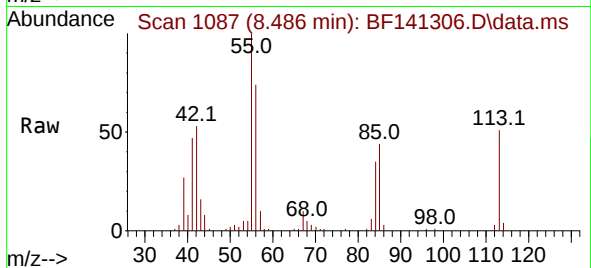
Tgt Ion:113 Resp: 24852

Ion Ratio Lower Upper

113 100

55 198.0 182.9 222.9

56 147.3 127.9 167.9



#36

4-Chloro-3-methylphenol

Concen: 8.360 ng

RT: 8.622 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

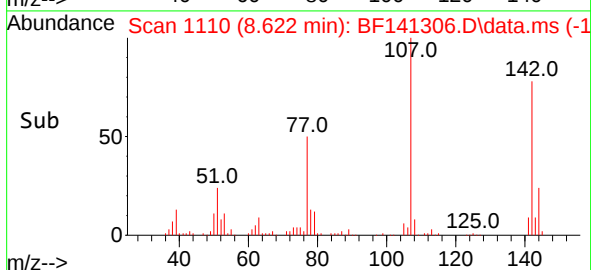
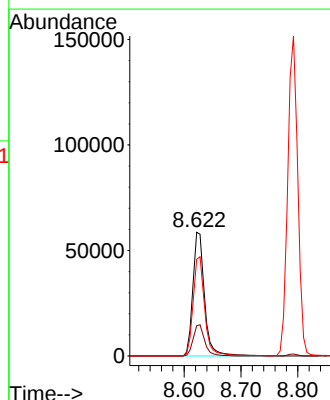
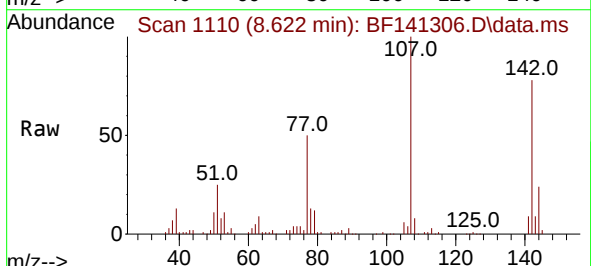
Tgt Ion:107 Resp: 84349

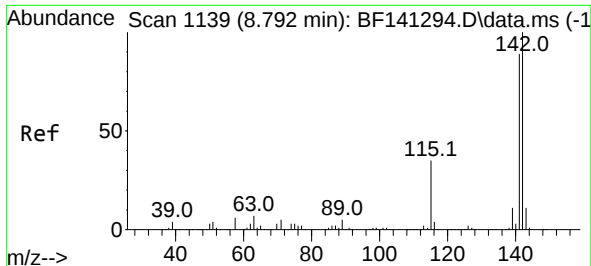
Ion Ratio Lower Upper

107 100

144 24.5 20.7 31.1

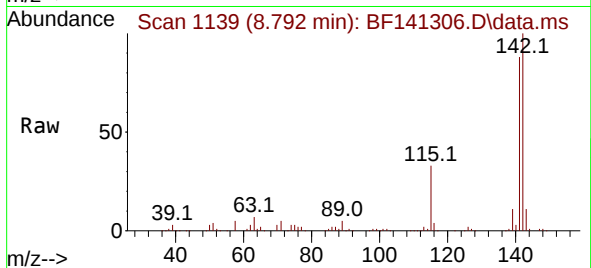
142 78.1 63.8 95.8



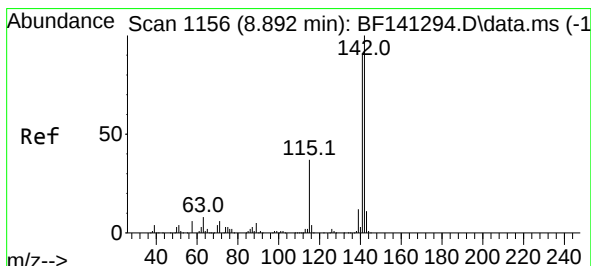
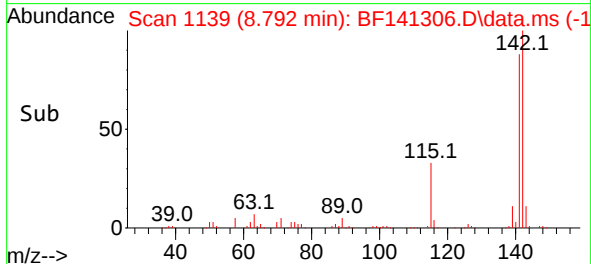
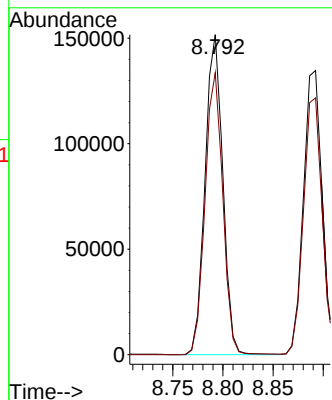


#37
2-Methylnaphthalene
Concen: 8.553 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

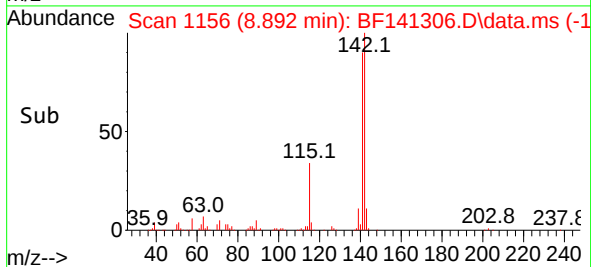
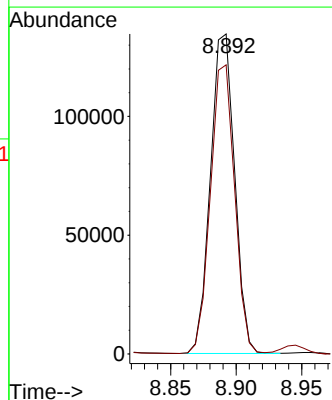
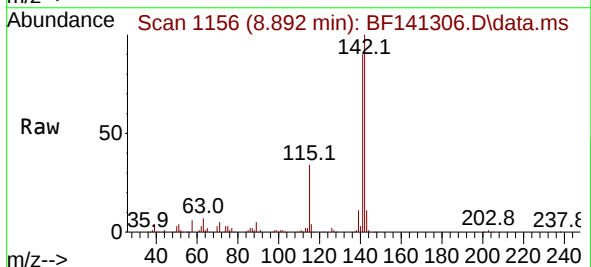


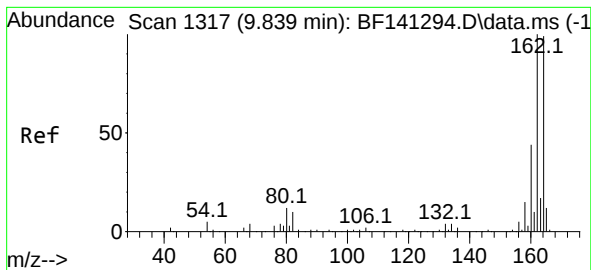
Tgt Ion:142 Resp: 186978
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9



#38
1-Methylnaphthalene
Concen: 8.051 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:142 Resp: 172896
Ion Ratio Lower Upper
142 100
141 90.4 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

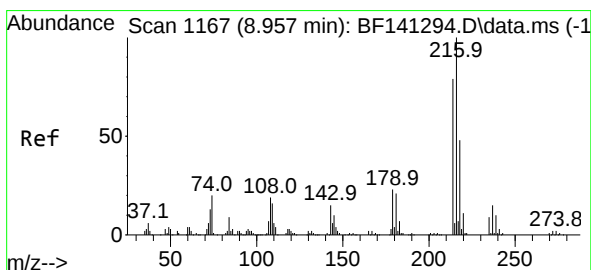
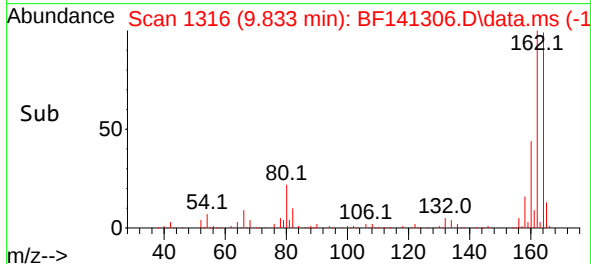
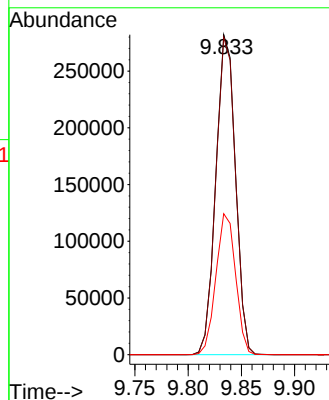
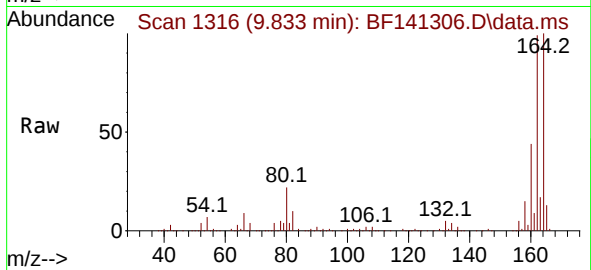
Tgt Ion:164 Resp: 360948

Ion Ratio Lower Upper

164 100

162 99.2 80.6 121.0

160 44.0 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.447 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Tgt Ion:216 Resp: 86740

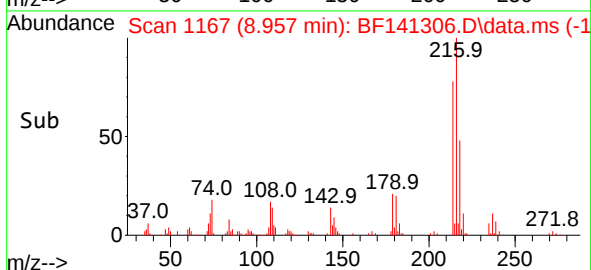
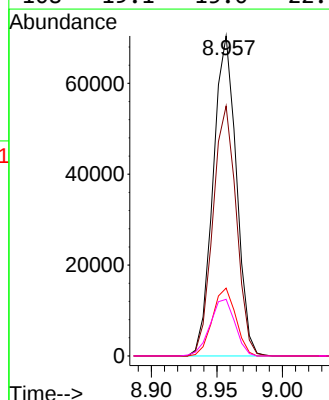
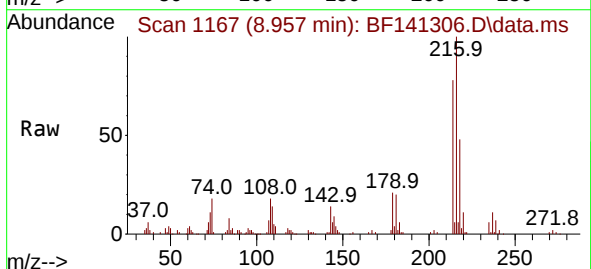
Ion Ratio Lower Upper

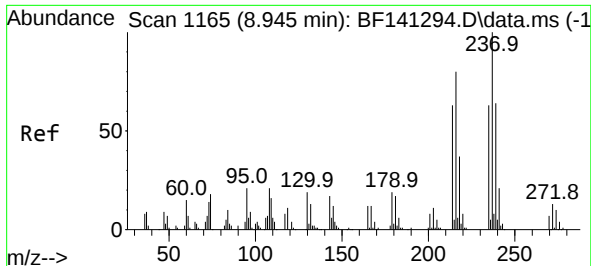
216 100

214 78.6 63.2 94.8

179 21.3 17.8 26.8

108 19.1 15.0 22.6

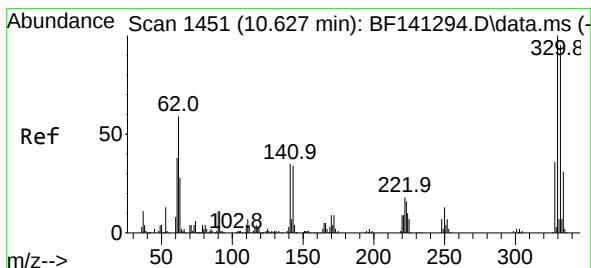
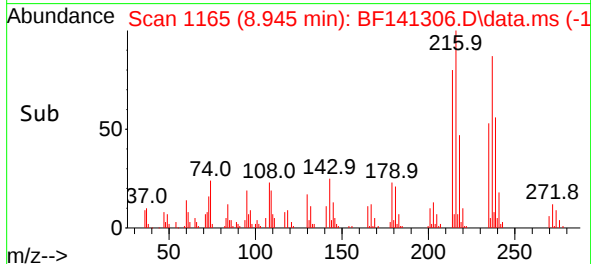
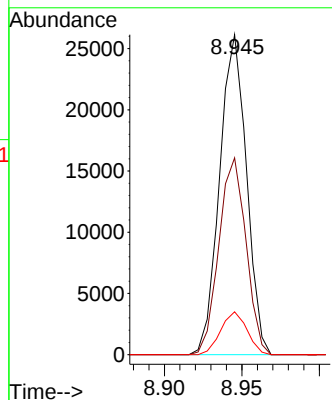
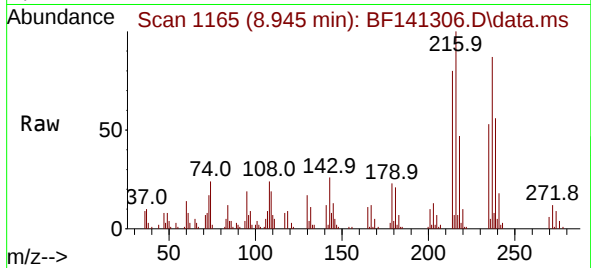




#41
Hexachlorocyclopentadiene
Concen: 10.389 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

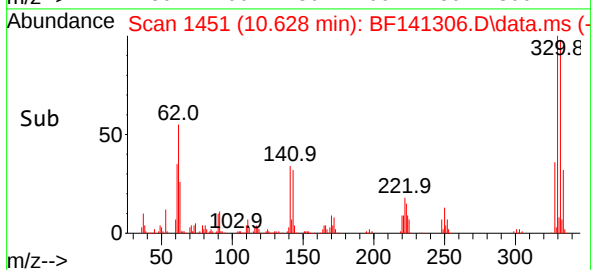
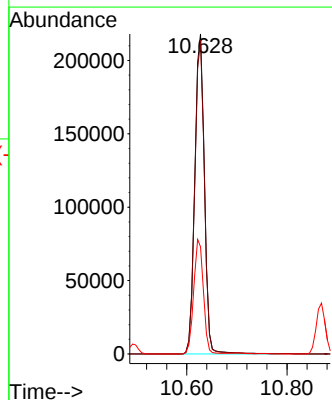
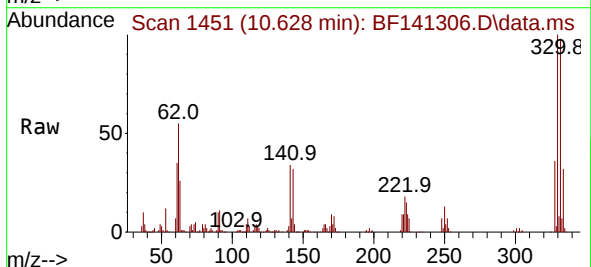
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

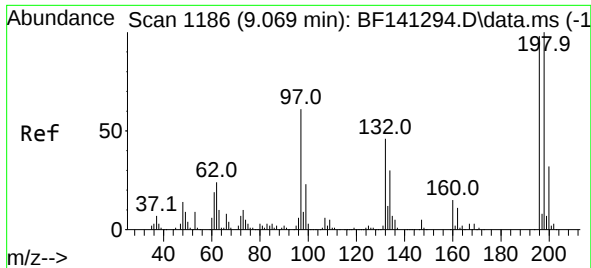
Tgt Ion:237	Resp:	31505
Ion Ratio	Lower	Upper
237	100	
235	61.5	42.9 82.9
272	13.4	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 87.826 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:330	Resp:	290623
Ion Ratio	Lower	Upper
330	100	
332	97.8	76.1 114.1
141	35.9	28.8 43.2

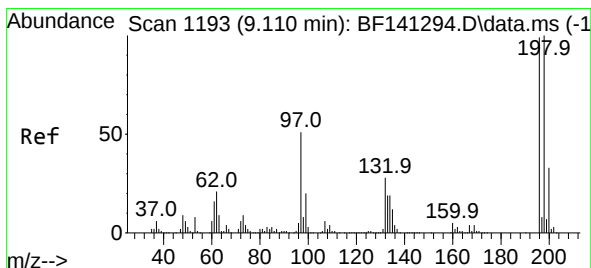
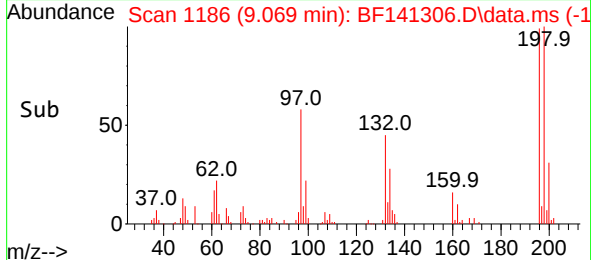
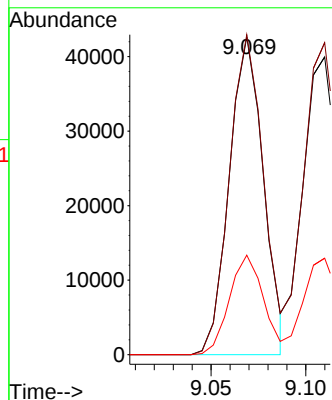
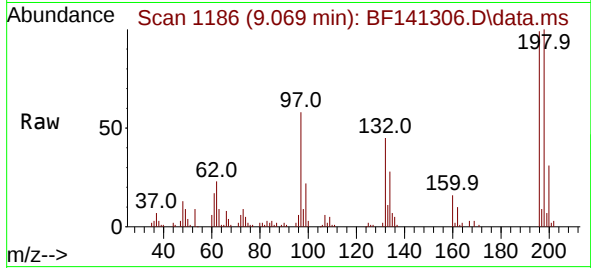




#43
2,4,6-Trichlorophenol
Concen: 7.941 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

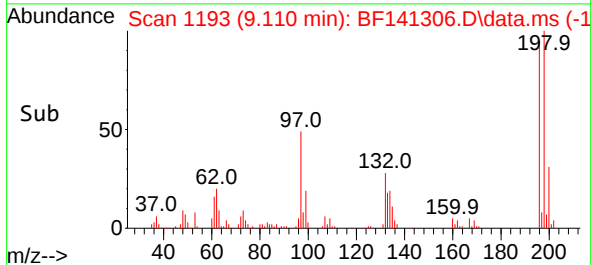
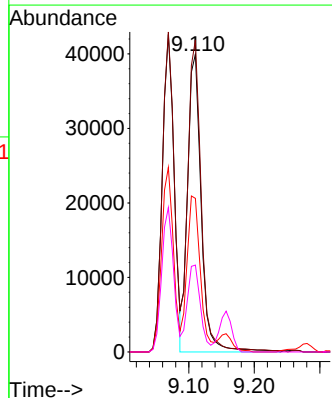
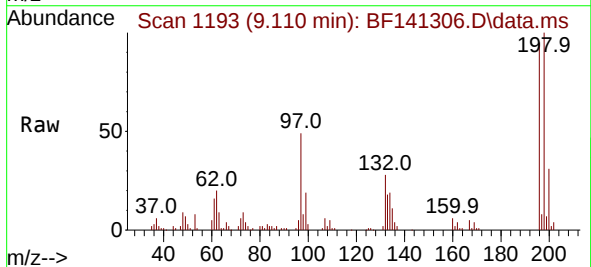
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

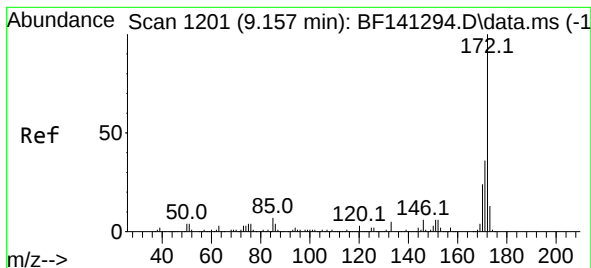
Tgt Ion:196 Resp: 53371
Ion Ratio Lower Upper
196 100
198 100.8 81.8 122.6
200 31.3 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 7.837 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:196 Resp: 57330
Ion Ratio Lower Upper
196 100
198 104.8 80.5 120.7
97 51.6 42.8 64.2
132 29.2 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 59.979 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

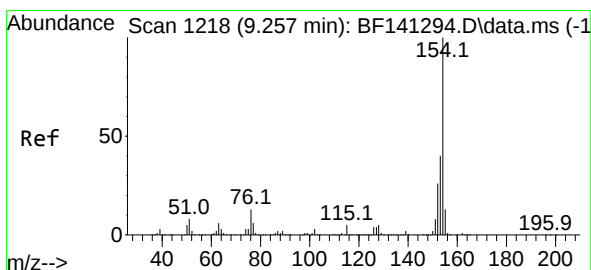
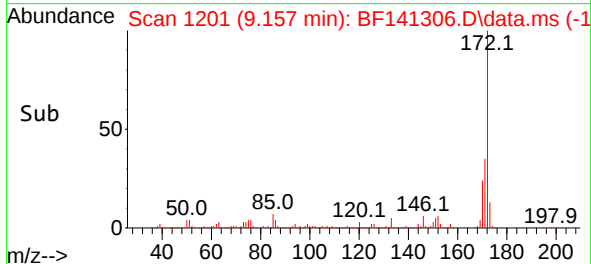
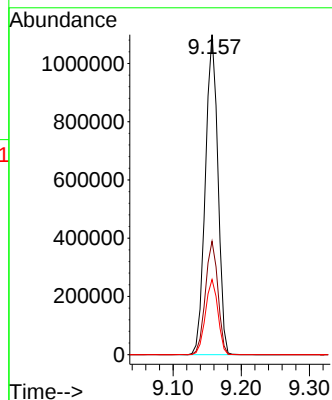
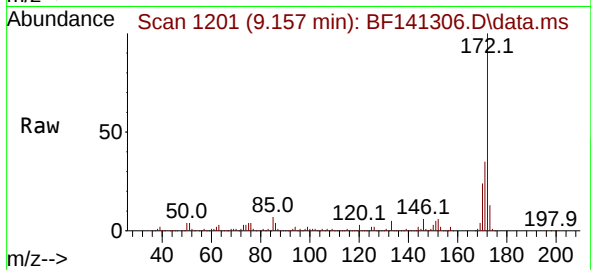
Tgt Ion:172 Resp: 1406531

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 8.700 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

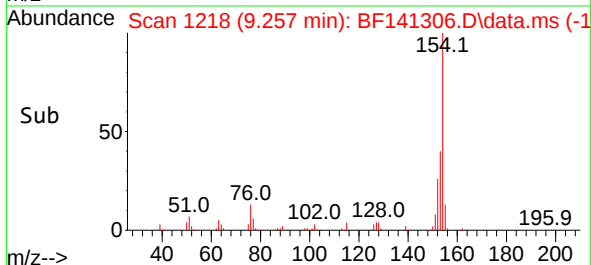
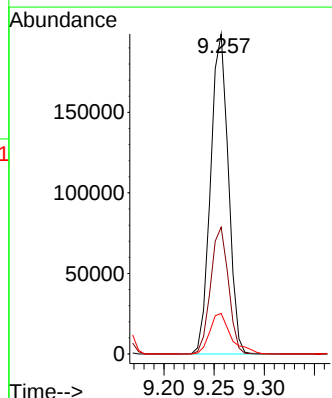
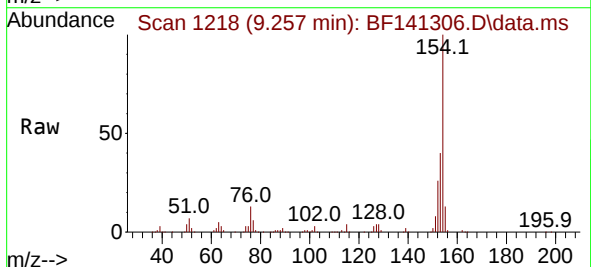
Tgt Ion:154 Resp: 244896

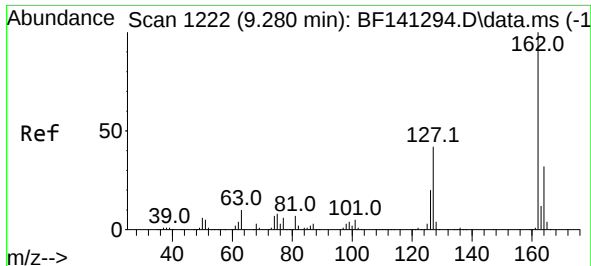
Ion Ratio Lower Upper

154 100

153 39.6 20.0 60.0

76 12.7 0.0 32.8

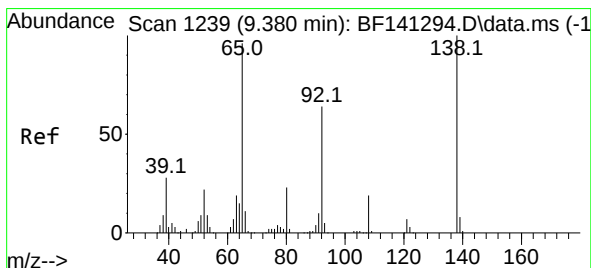
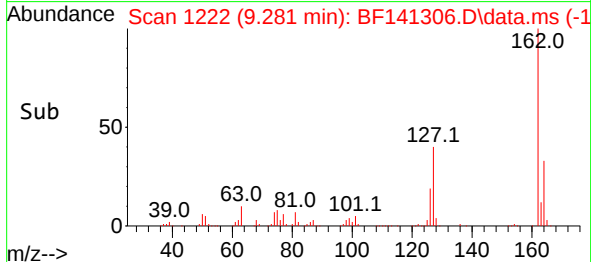
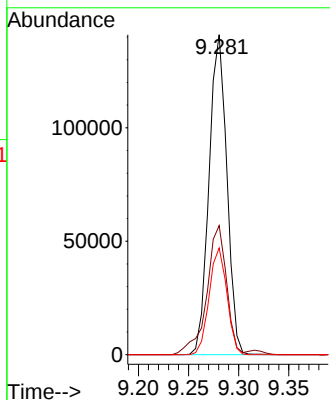
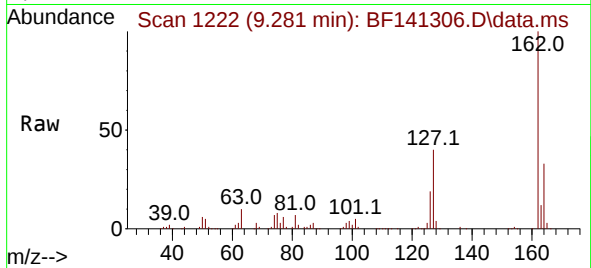




#47
2-Chloronaphthalene
Concen: 7.954 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

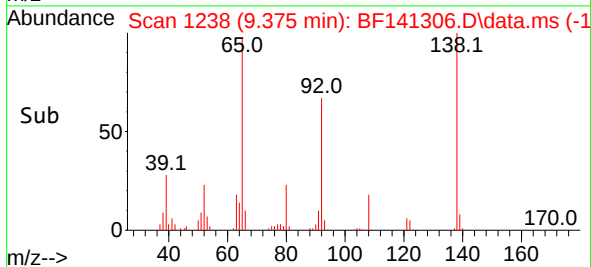
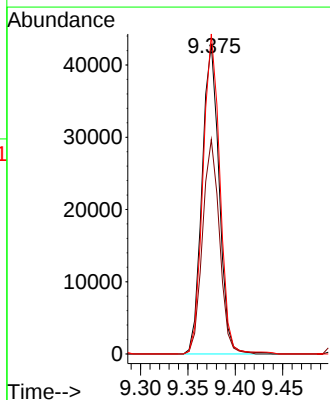
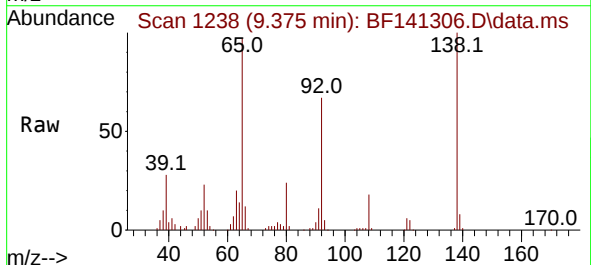
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

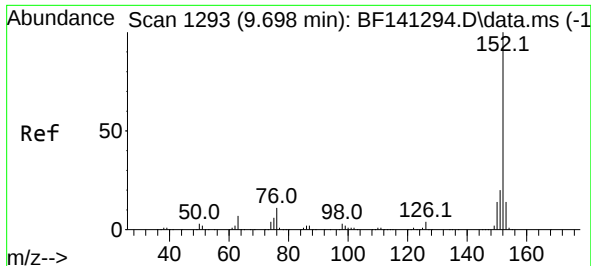
Tgt Ion:162 Resp: 174519
Ion Ratio Lower Upper
162 100
127 40.4 33.7 50.5
164 33.4 25.9 38.9



#48
2-Nitroaniline
Concen: 7.773 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion: 65 Resp: 53643
Ion Ratio Lower Upper
65 100
92 69.1 53.3 79.9
138 103.1 83.6 125.4





#49

Acenaphthylene

Concen: 8.832 ng

RT: 9.692 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

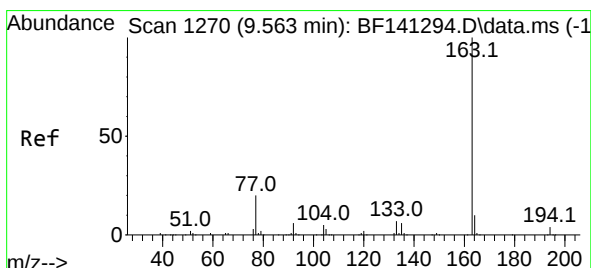
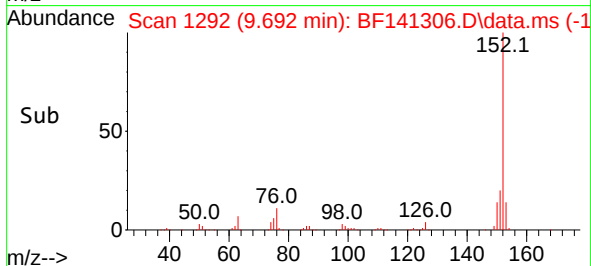
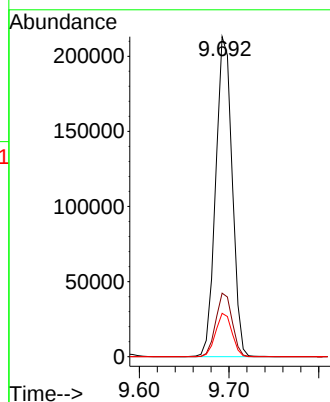
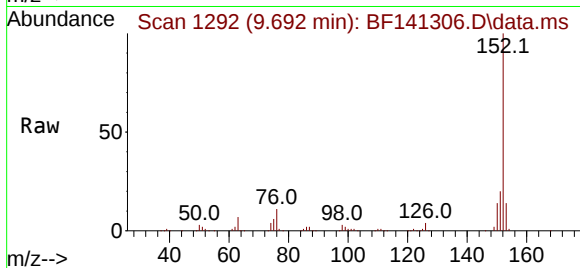
Tgt Ion:152 Resp: 271270

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.6 11.0 16.6



#50

Dimethylphthalate

Concen: 8.368 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

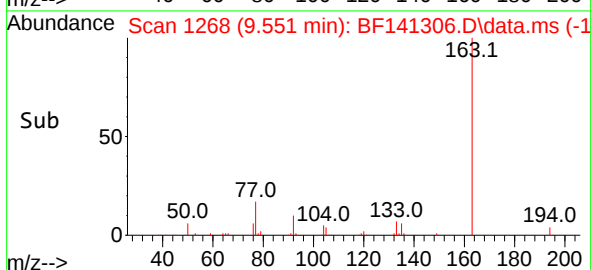
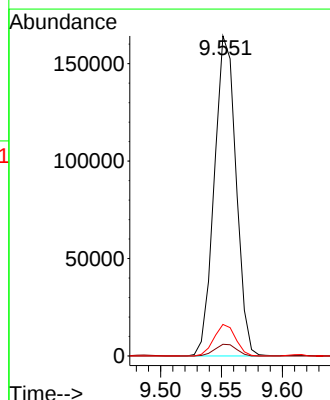
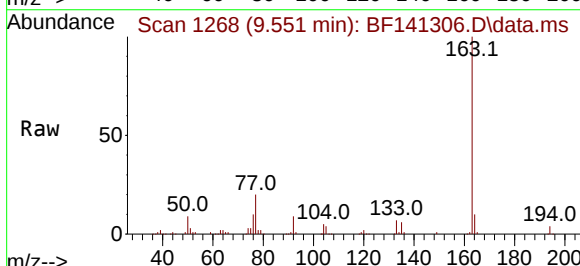
Tgt Ion:163 Resp: 204010

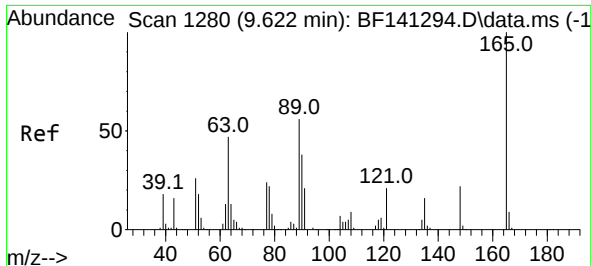
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 9.9 8.0 12.0

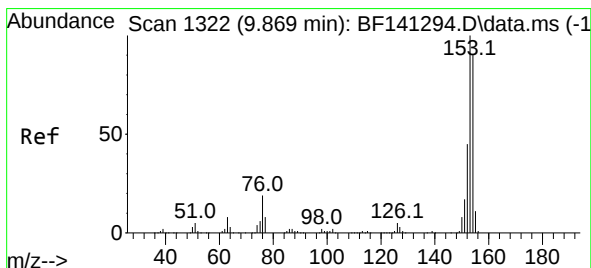
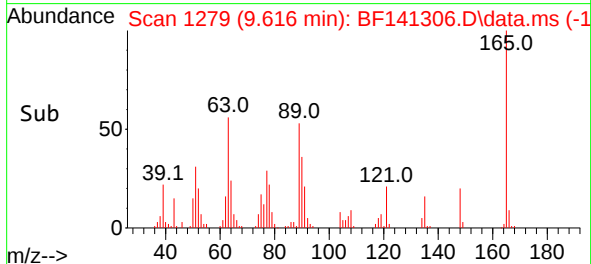
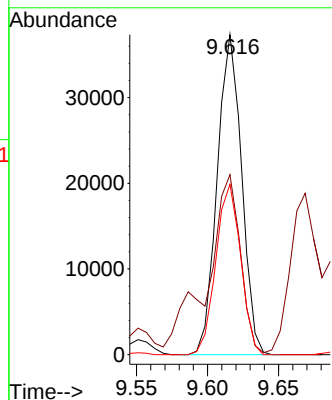
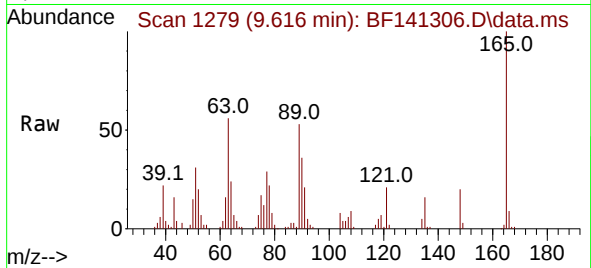




#51
2,6-Dinitrotoluene
Concen: 7.875 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

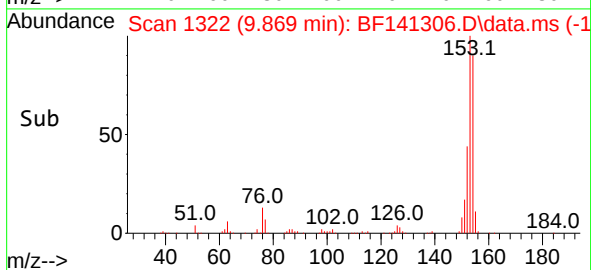
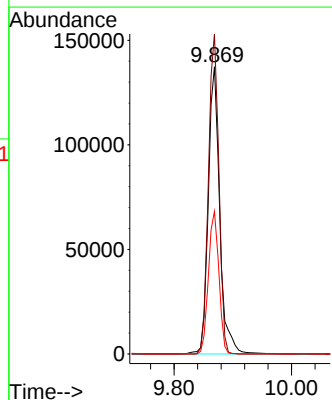
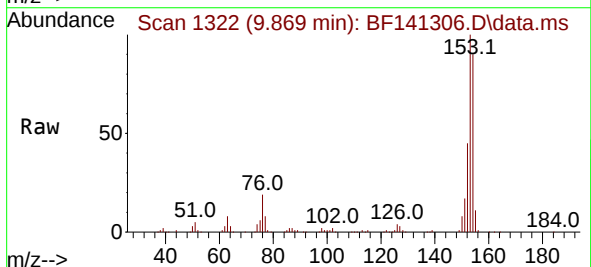
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

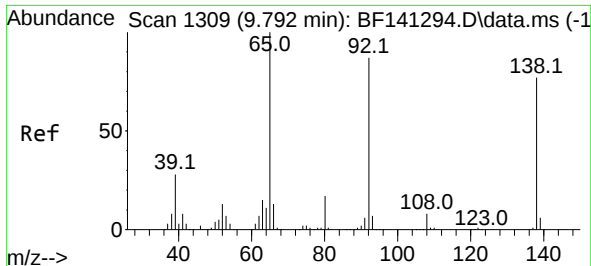
Tgt Ion:165 Resp: 44573
Ion Ratio Lower Upper
165 100
63 56.3 48.1 72.1
89 53.2 44.9 67.3



#52
Acenaphthene
Concen: 8.420 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:154 Resp: 184746
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.4
152 49.6 40.2 60.4

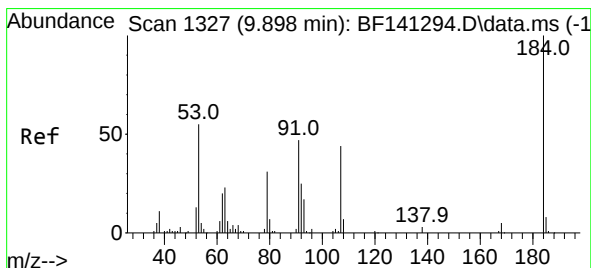
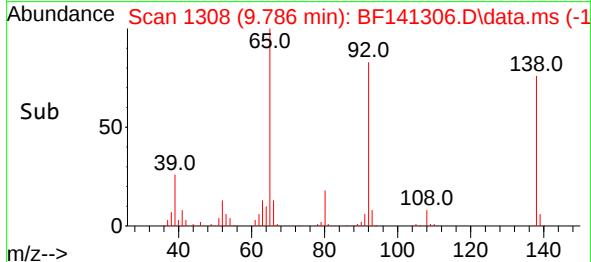
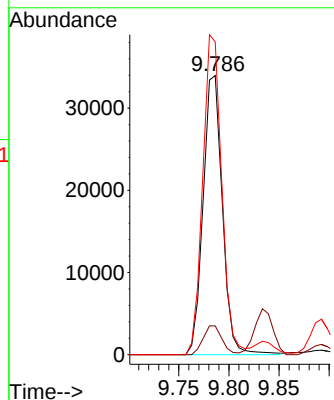
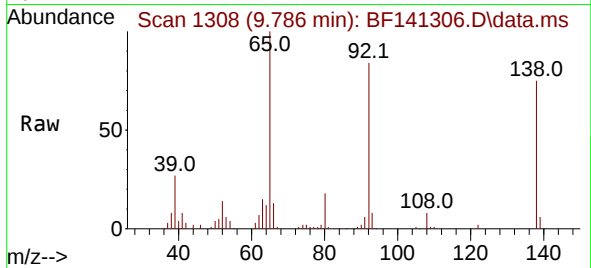




#53
3-Nitroaniline
Concen: 8.209 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

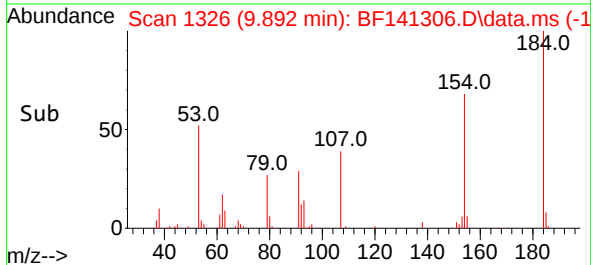
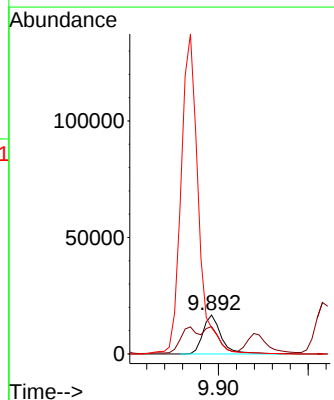
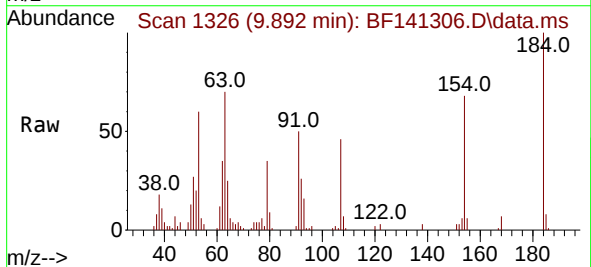
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

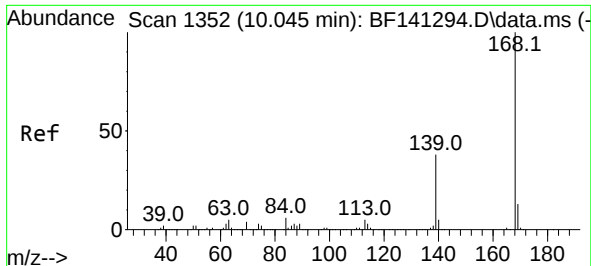
Tgt Ion:138 Resp: 45540
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 112.0 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 8.939 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:184 Resp: 23520
Ion Ratio Lower Upper
184 100
63 70.3 54.1 81.1
154 67.6 50.7 76.1

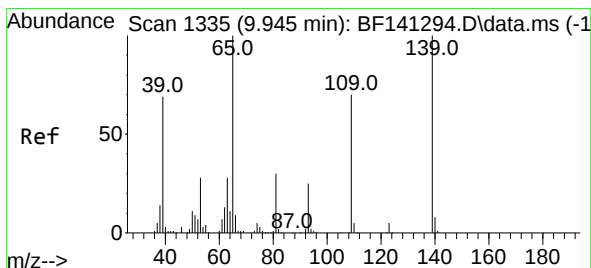
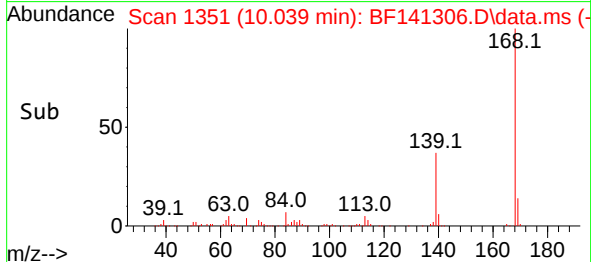
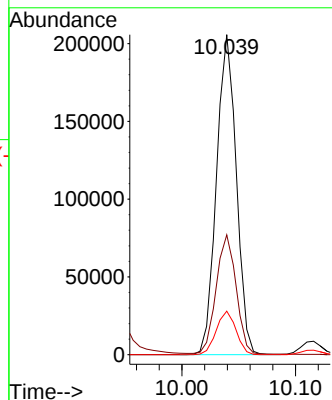
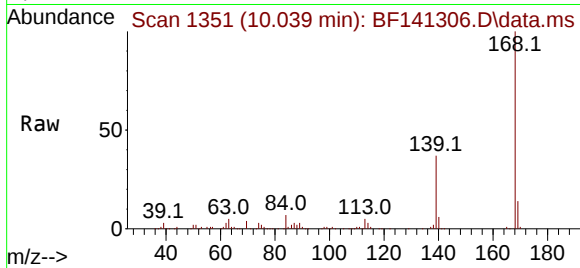




#55
Dibenzenofuran
Concen: 8.499 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

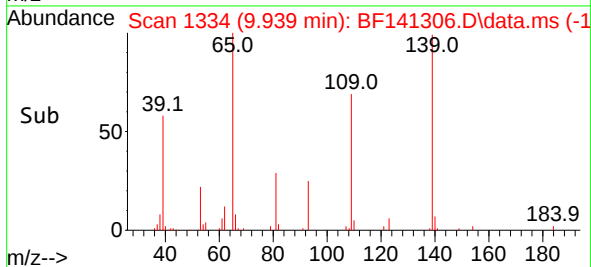
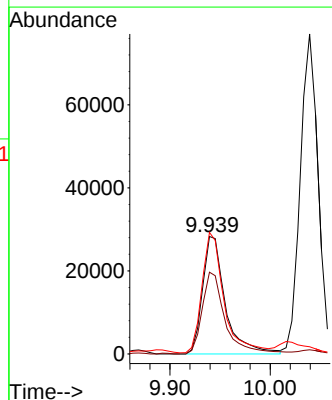
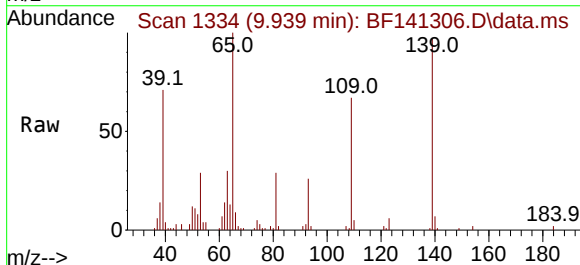
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

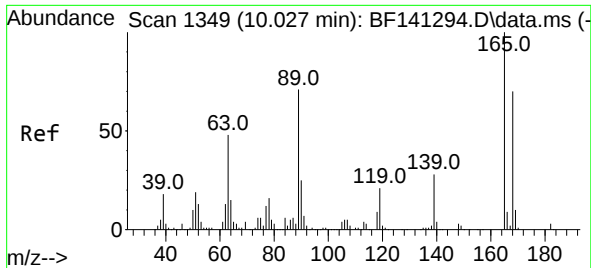
Tgt Ion:168 Resp: 249612
Ion Ratio Lower Upper
168 100
139 37.5 30.6 46.0
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 11.066 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:139 Resp: 44899
Ion Ratio Lower Upper
139 100
109 69.6 50.2 90.2
65 103.5 80.6 120.6

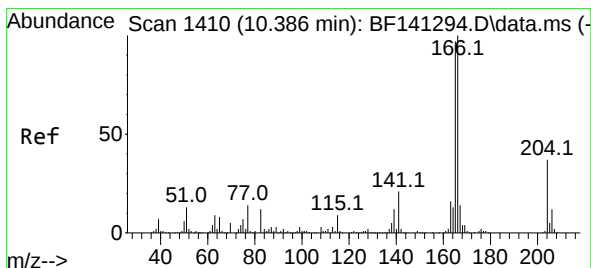
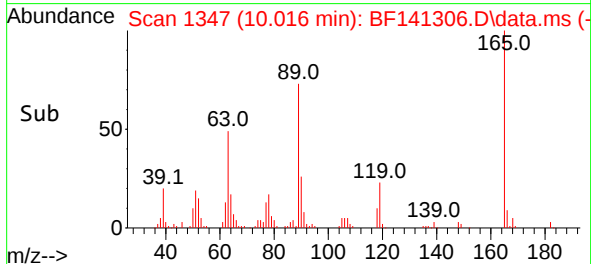
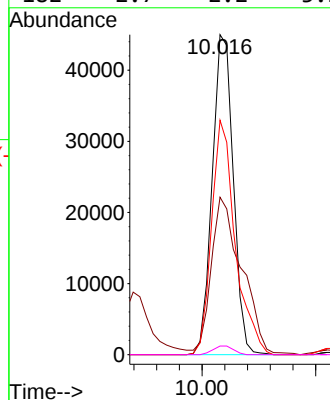
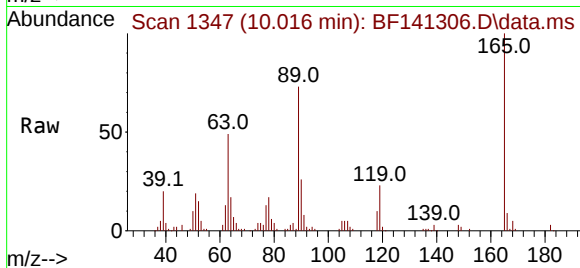




#57
2,4-Dinitrotoluene
Concen: 7.902 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

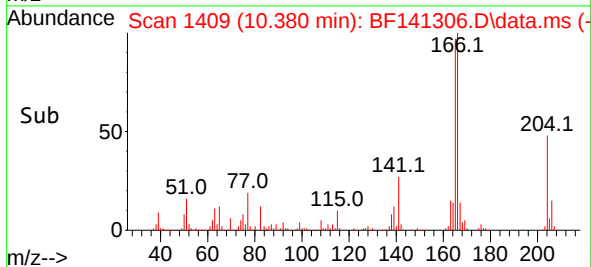
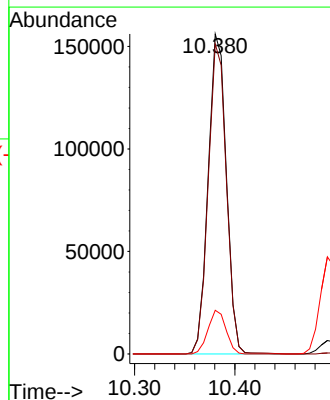
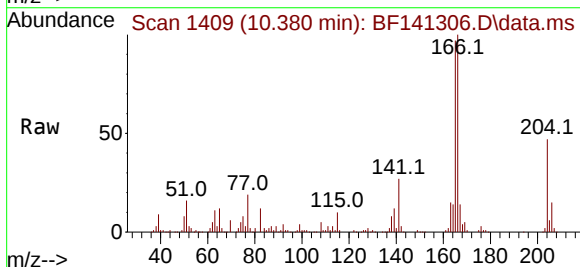
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

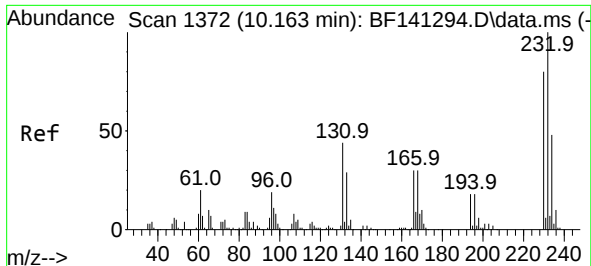
Tgt Ion:165	Resp:	57914
Ion Ratio	Lower	Upper
165	100	
63	49.2	39.2 58.8
89	73.2	56.9 85.3
182	2.7	2.2 3.2



#58
Fluorene
Concen: 8.644 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:166	Resp:	196916
Ion Ratio	Lower	Upper
166	100	
165	96.9	77.5 116.3
167	13.7	10.9 16.3

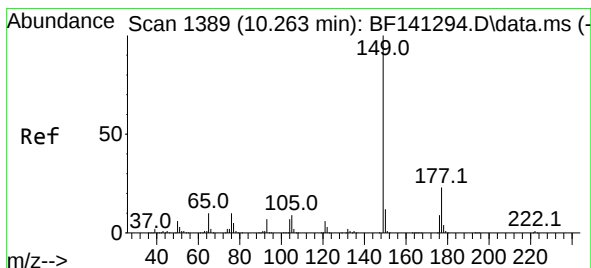
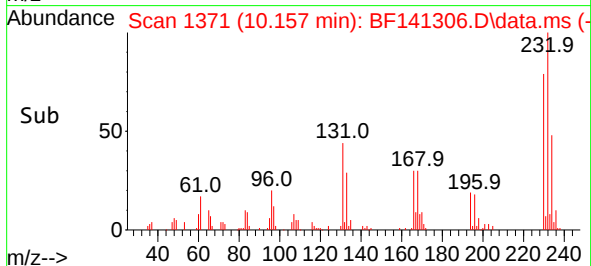
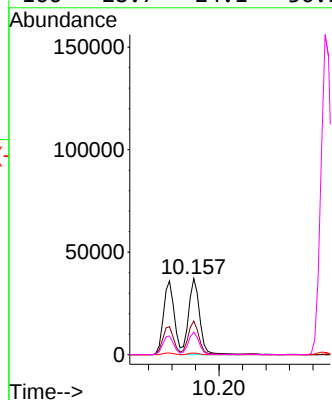
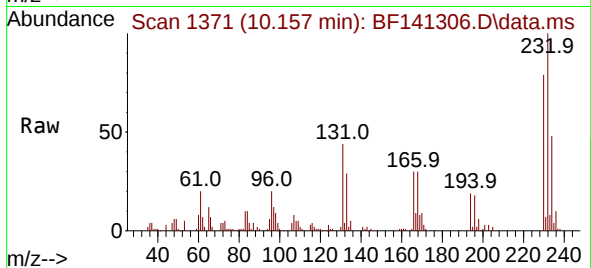




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.598 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

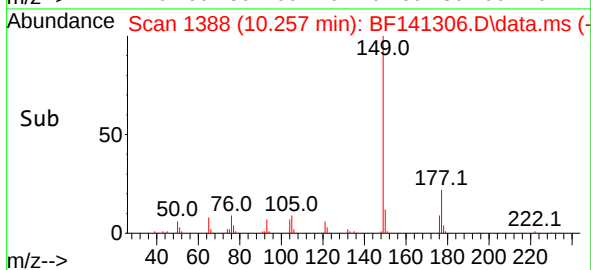
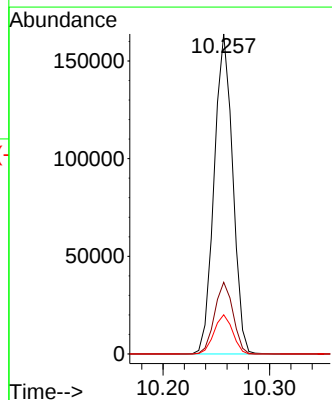
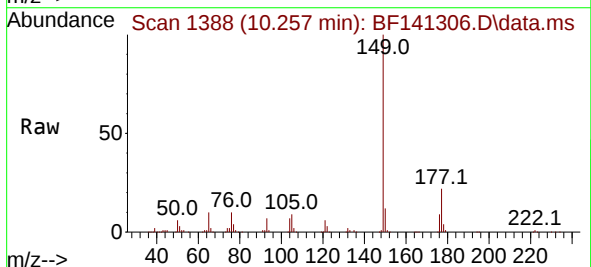
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

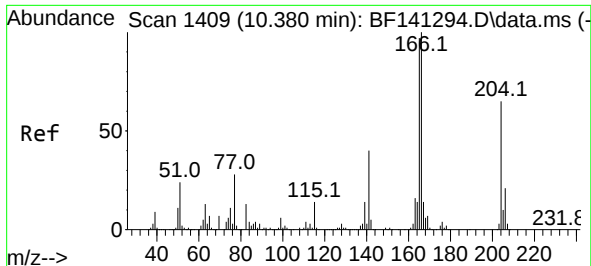
Tgt Ion:232 Resp: 49483
Ion Ratio Lower Upper
232 100
131 43.3 36.4 54.6
130 2.0 1.9 2.9
166 28.7 24.1 36.1



#60
Diethylphthalate
Concen: 8.388 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:149 Resp: 198283
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.3 10.0 15.0

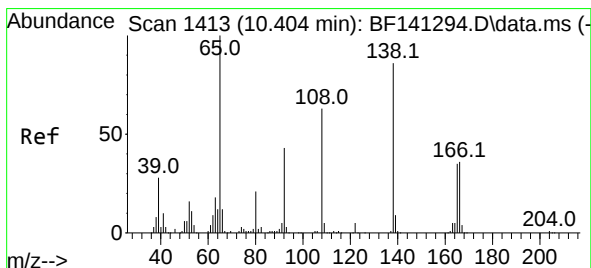
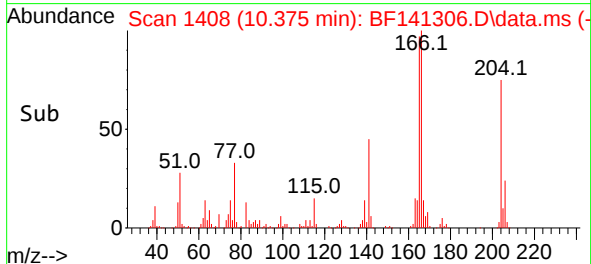
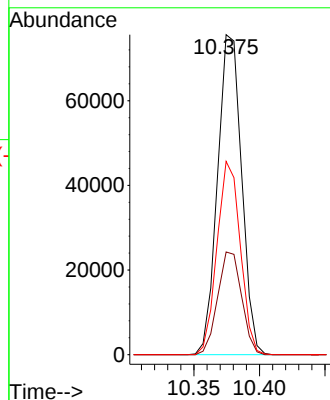
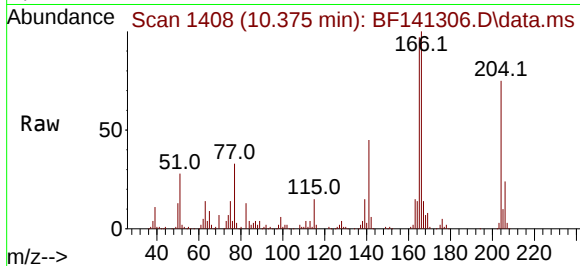




#61
4-Chlorophenyl-phenylether
Concen: 8.663 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

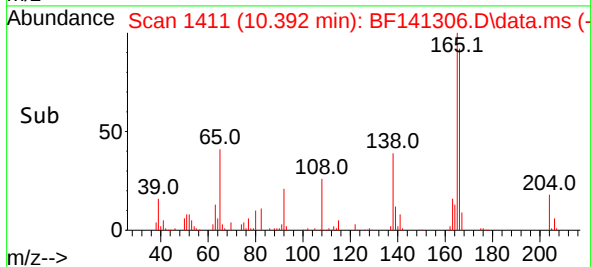
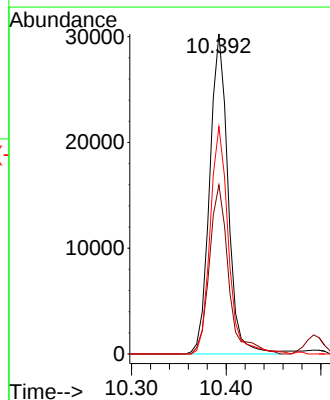
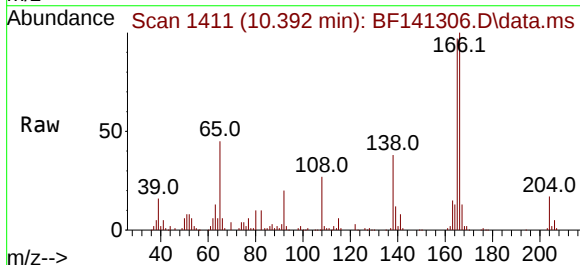
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

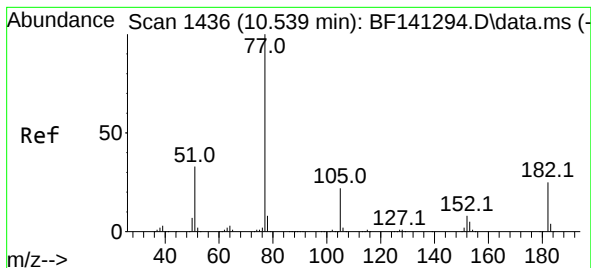
Tgt Ion:204 Resp: 96408
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 60.4 49.5 74.3



#62
4-Nitroaniline
Concen: 7.482 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:138 Resp: 40811
Ion Ratio Lower Upper
138 100
92 52.8 30.1 70.1
108 71.1 53.1 93.1





#63

Azobenzene

Concen: 8.301 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

Tgt Ion: 77 Resp: 196396

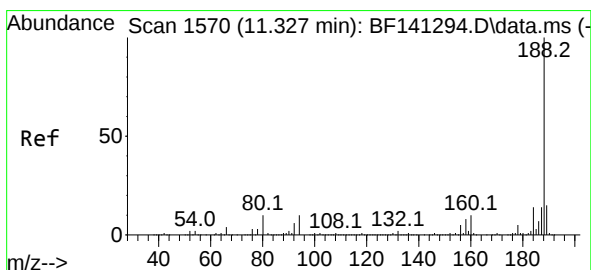
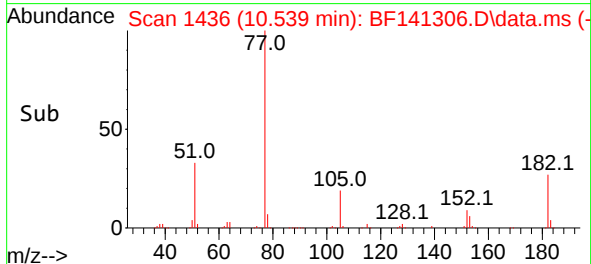
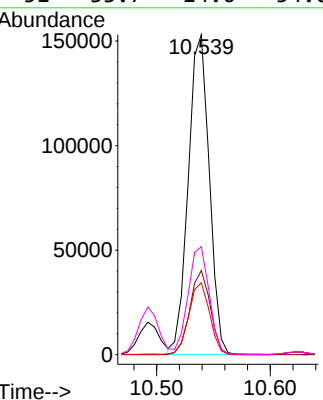
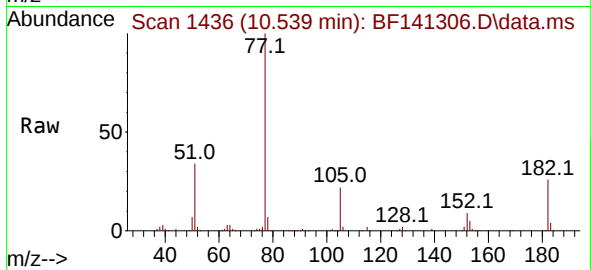
Ion Ratio Lower Upper

77 100

182 26.3 5.1 45.1

105 22.4 1.8 41.8

51 33.7 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

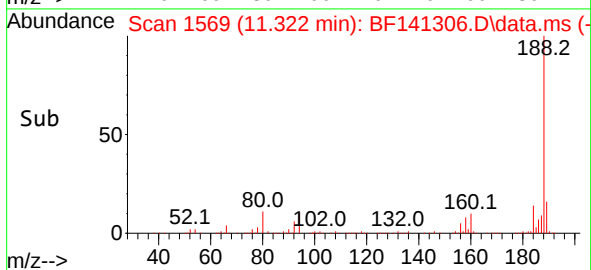
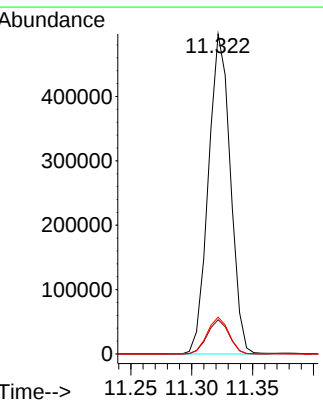
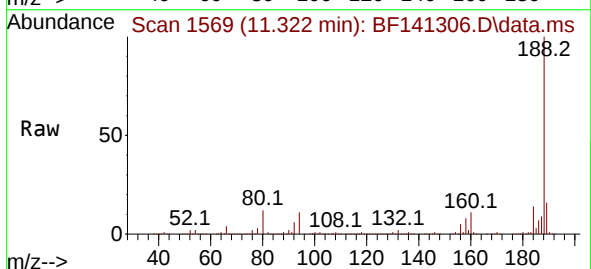
Tgt Ion:188 Resp: 624541

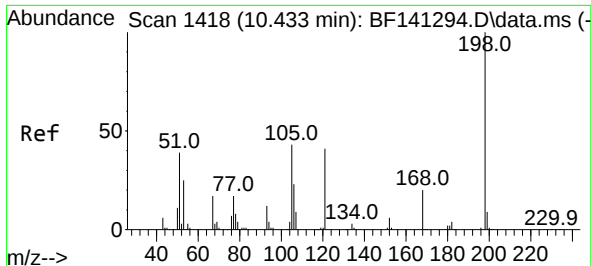
Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 11.5 8.2 12.4

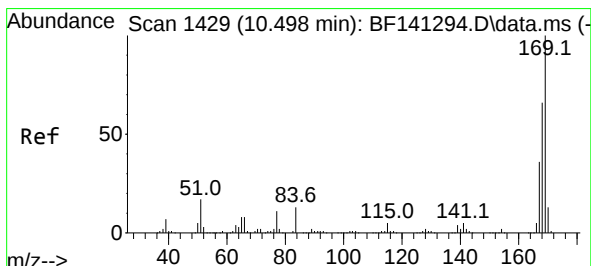
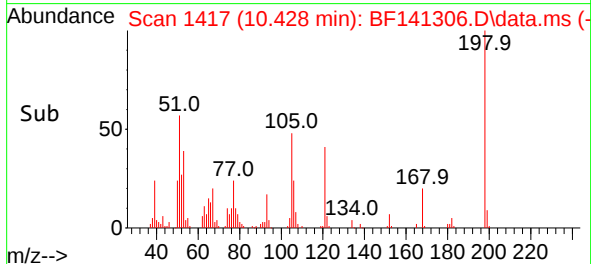
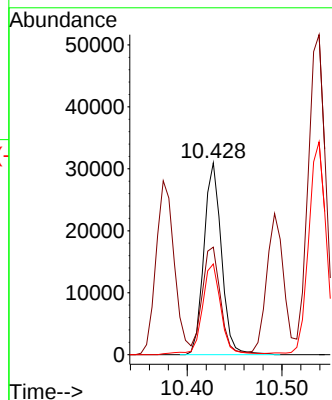
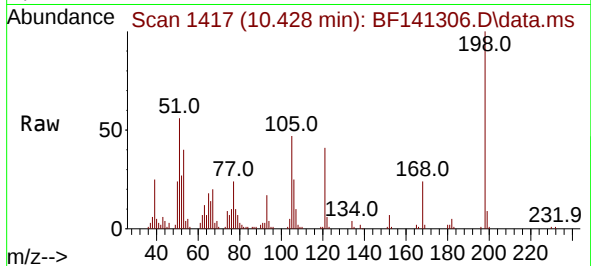




#65
4,6-Dinitro-2-methylphenol
Concen: 10.793 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

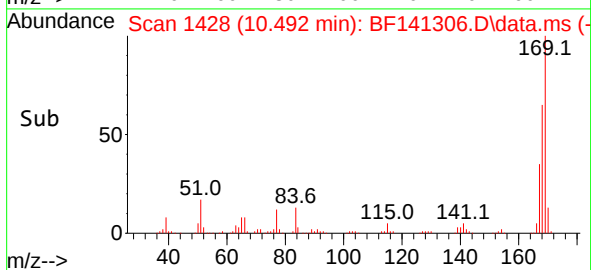
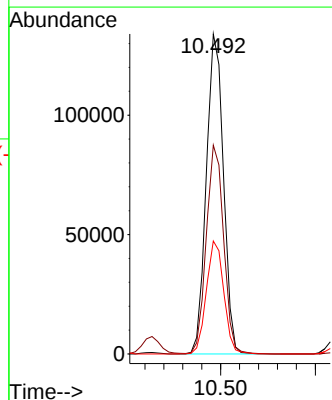
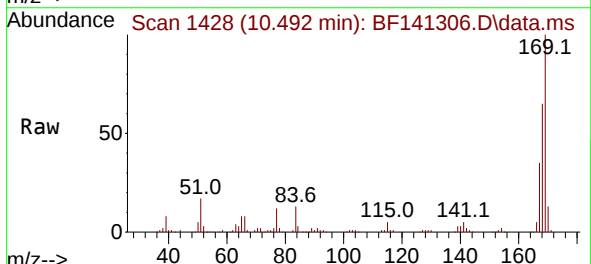
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

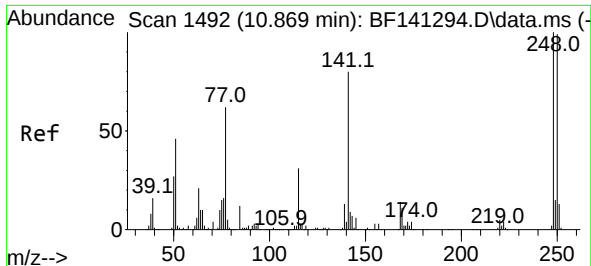
Tgt Ion:198 Resp: 39870
Ion Ratio Lower Upper
198 100
51 56.1 33.4 73.4
105 47.3 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 8.290 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:169 Resp: 167463
Ion Ratio Lower Upper
169 100
168 65.2 53.0 79.4
167 35.3 28.8 43.2

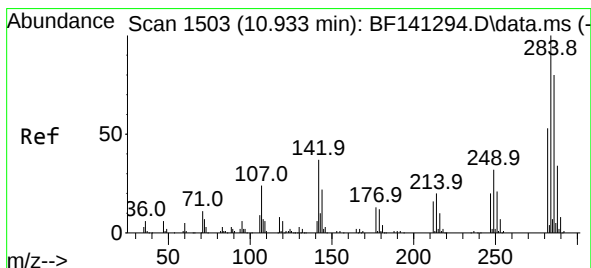
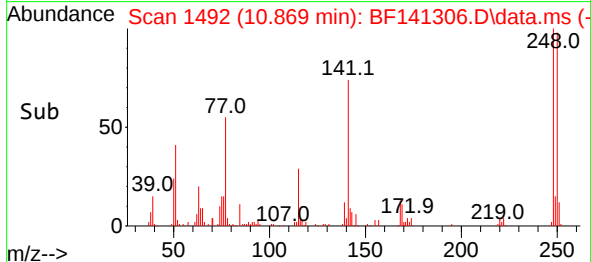
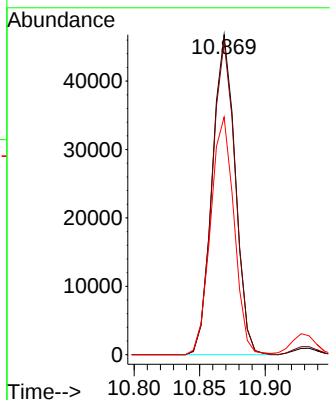
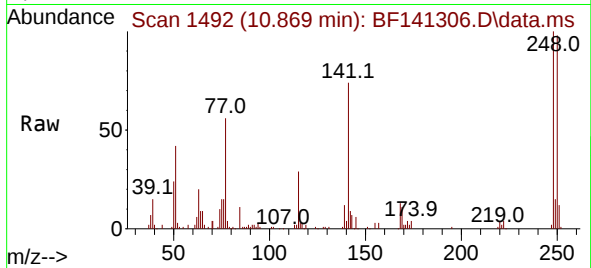




#67
4-Bromophenyl-phenylether
Concen: 8.161 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

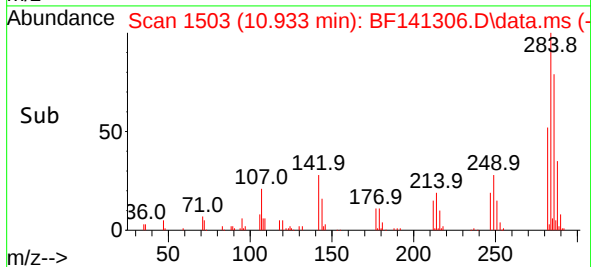
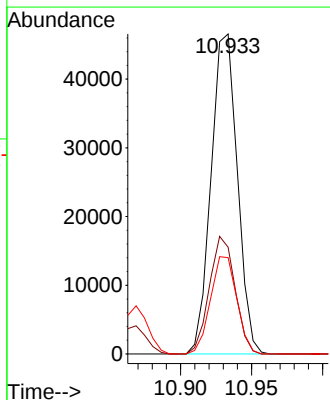
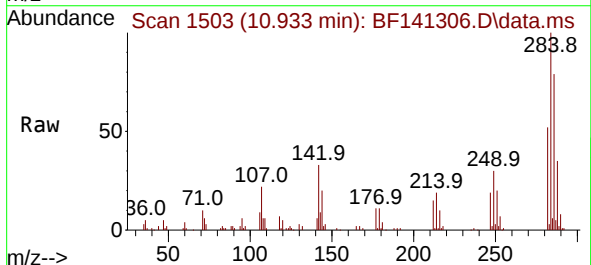
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

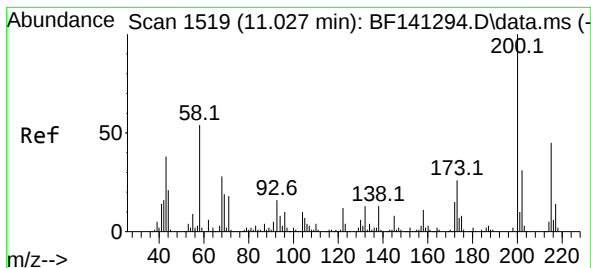
Tgt Ion:248 Resp: 57062
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 74.2 63.7 95.5



#68
Hexachlorobenzene
Concen: 8.081 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:284 Resp: 59937
Ion Ratio Lower Upper
284 100
142 33.3 29.5 44.3
249 30.1 25.4 38.2





#69

Atrazine

Concen: 8.110 ng

RT: 11.022 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

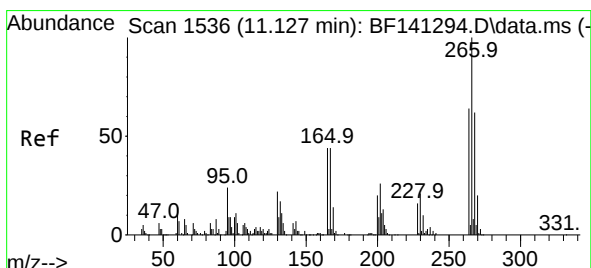
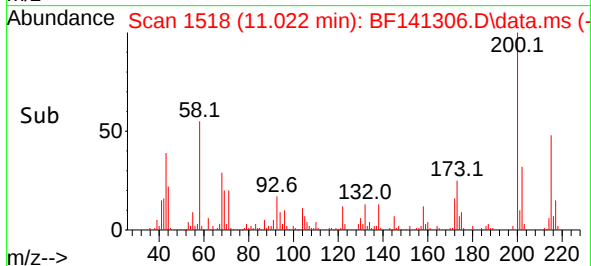
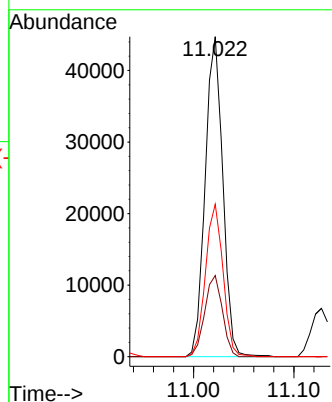
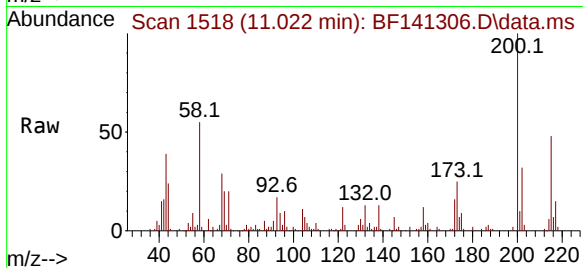
Tgt Ion:200 Resp: 54775

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

215 47.6 25.2 65.2



#70

Pentachlorophenol

Concen: 11.483 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

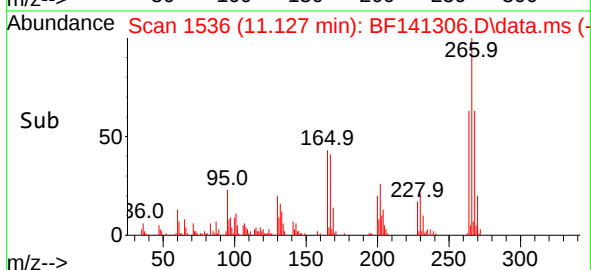
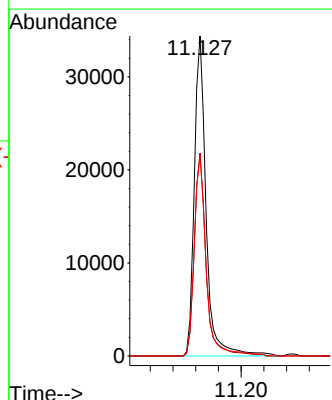
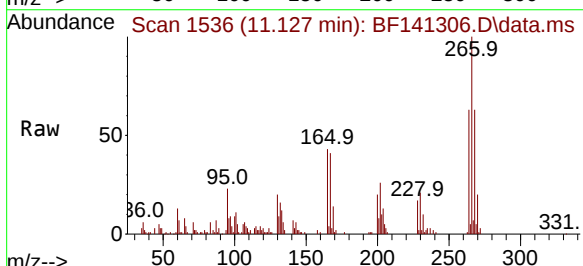
Tgt Ion:266 Resp: 49873

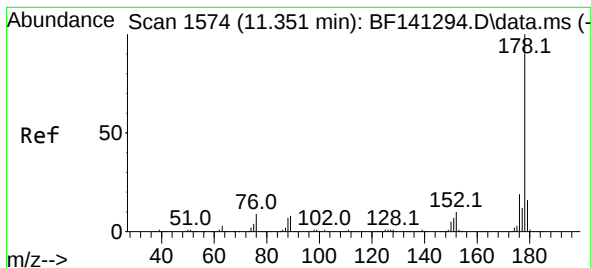
Ion Ratio Lower Upper

266 100

268 63.4 49.9 74.9

264 62.9 51.0 76.4





#71

Phenanthrene

Concen: 8.747 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

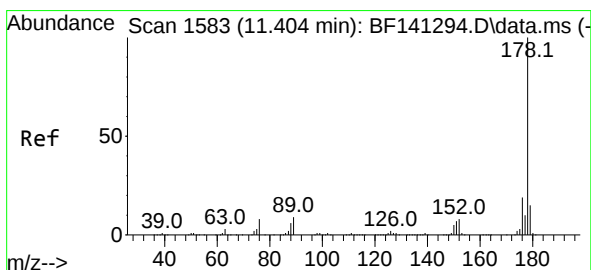
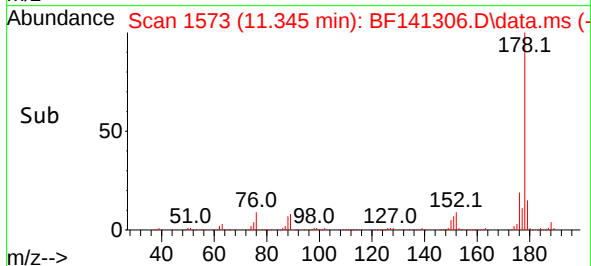
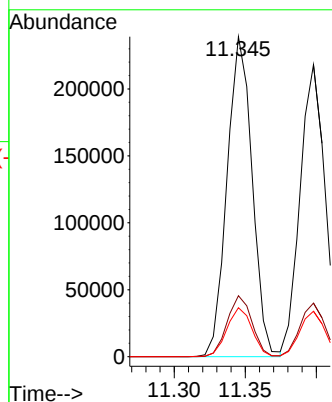
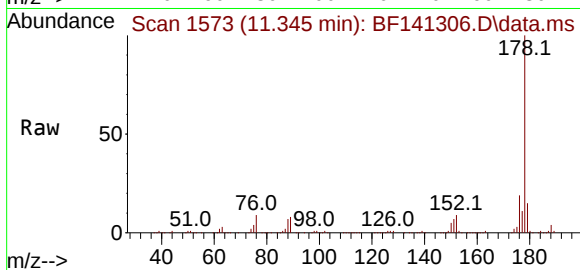
Tgt Ion:178 Resp: 293635

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.3 12.5 18.7



#72

Anthracene

Concen: 8.131 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

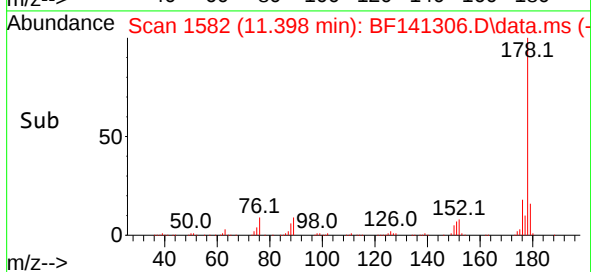
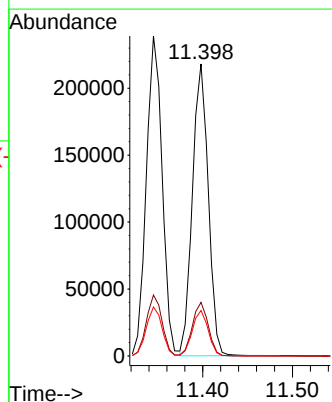
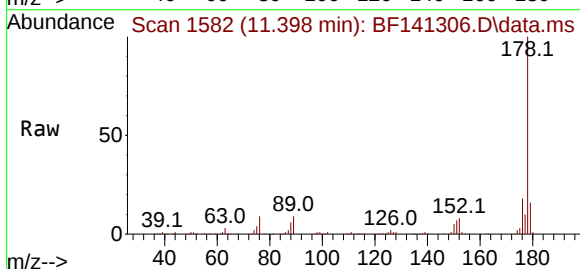
Tgt Ion:178 Resp: 267453

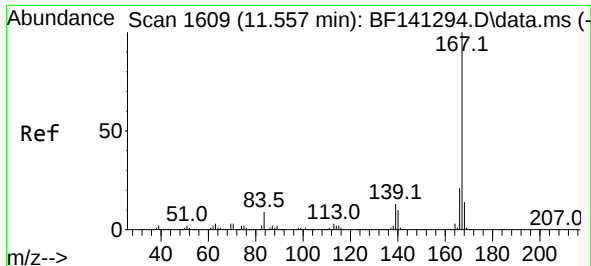
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

179 15.6 12.3 18.5

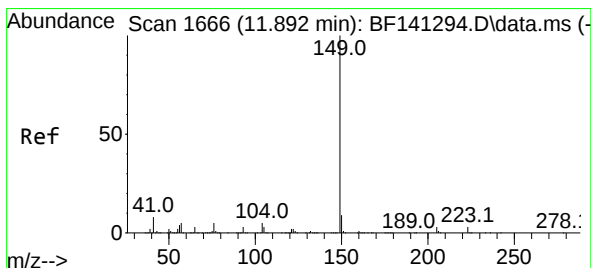
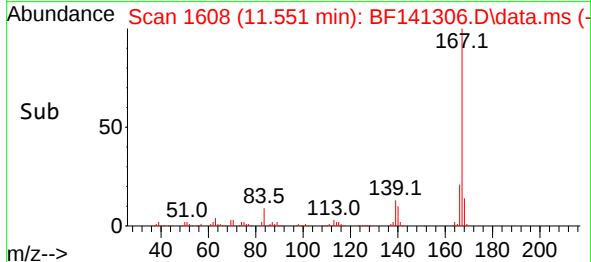
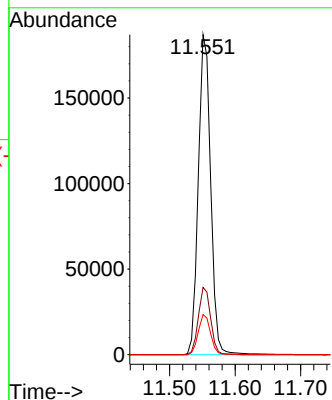
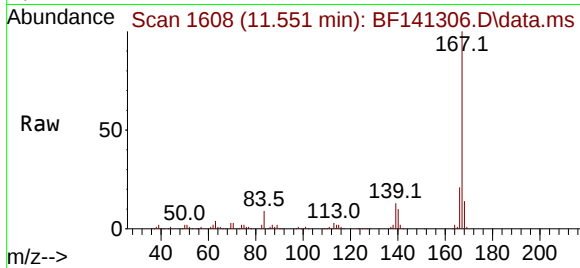




#73
 Carbazole
 Concen: 8.418 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141306.D
 Acq: 30 Jan 2025 11:55

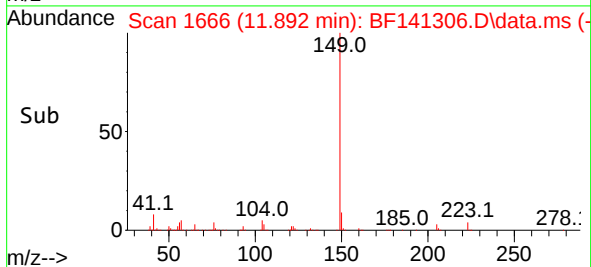
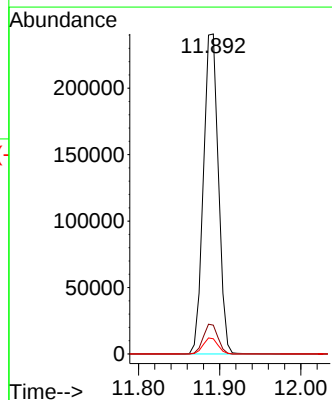
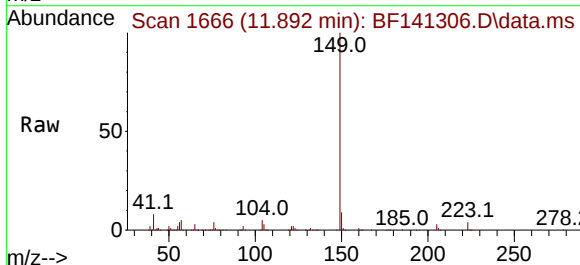
Instrument : BNA_F
 ClientSampleId : LOQ-SOIL-02-QT1-2025

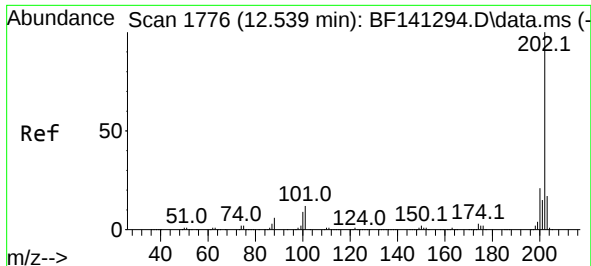
Tgt Ion:167 Resp: 245537
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 8.710 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141306.D
 Acq: 30 Jan 2025 11:55

Tgt Ion:149 Resp: 307894
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.8 3.9 5.9

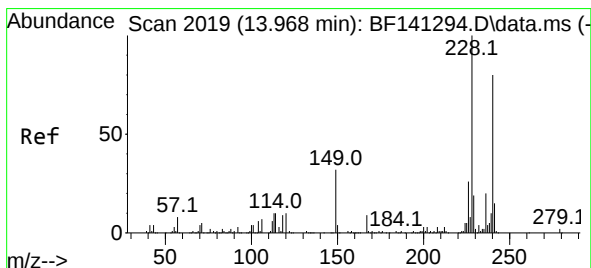
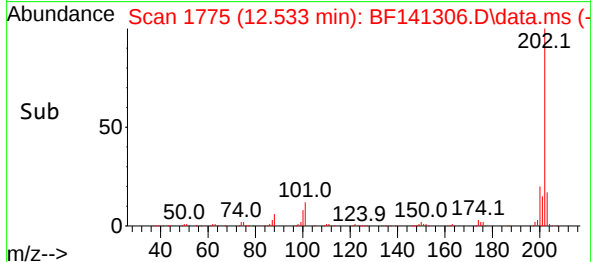
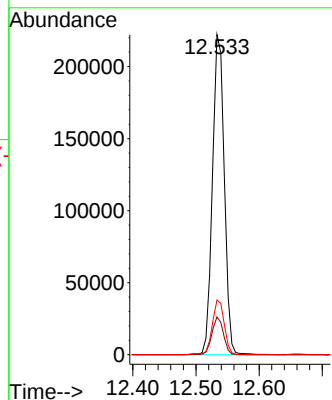
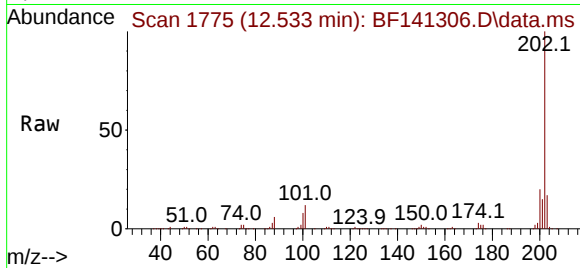




#75
Fluoranthene
Concen: 8.709 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

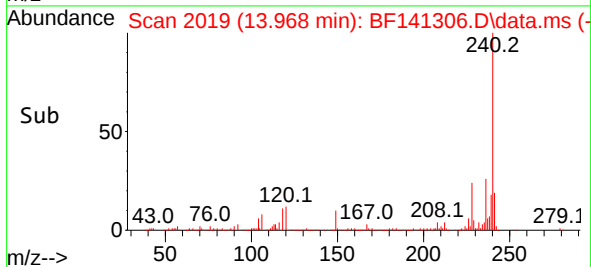
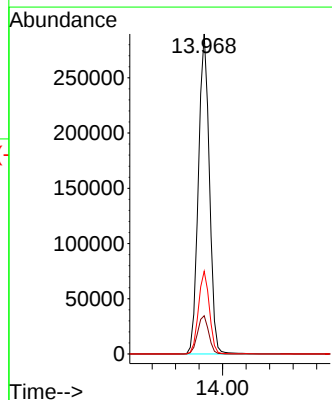
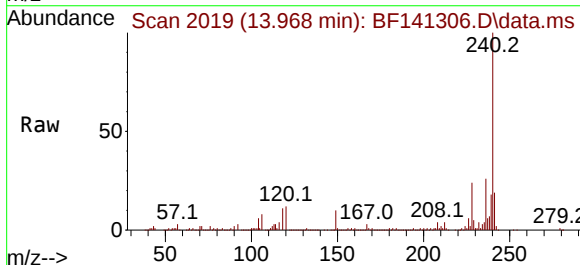
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

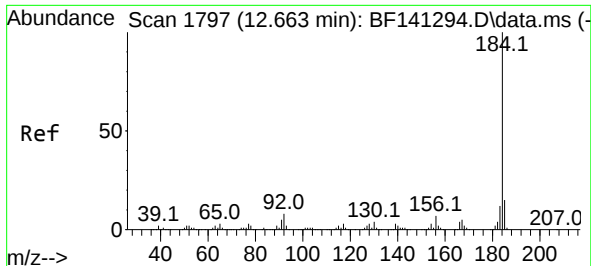
Tgt Ion:202 Resp: 288672
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:240 Resp: 375774
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 25.9 19.7 29.5

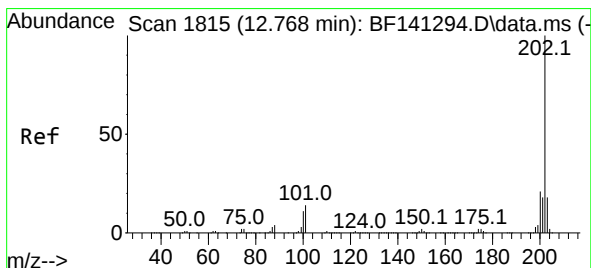
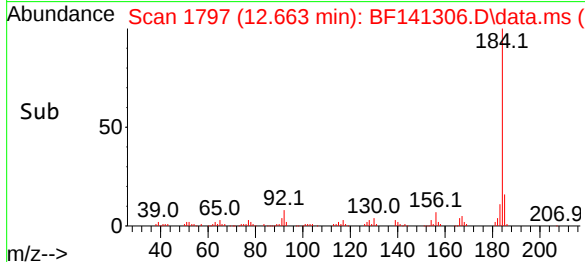
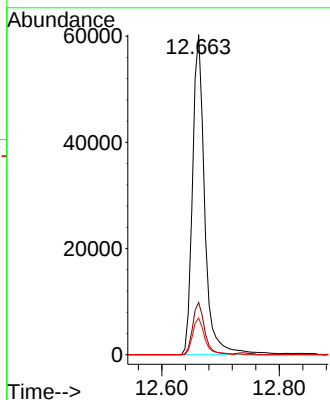
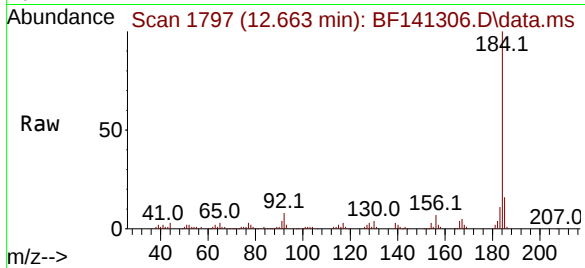




#77
Benzidine
Concen: 7.217 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

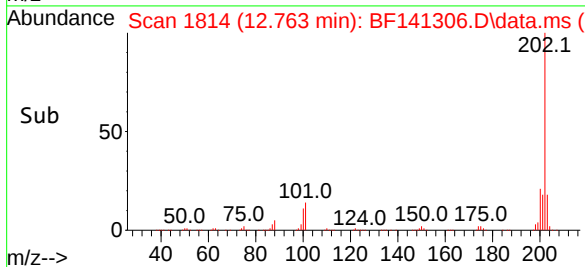
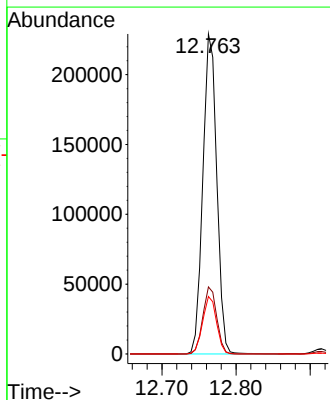
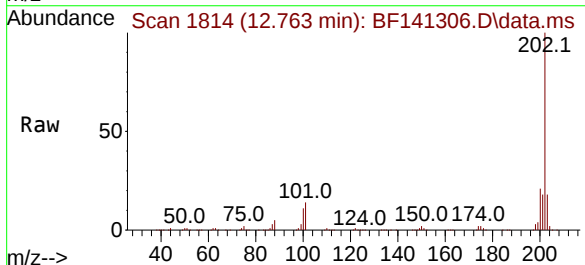
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

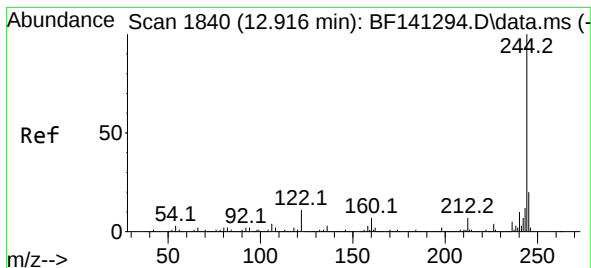
Tgt Ion:184 Resp: 86938
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 11.5 9.5 14.3



#78
Pyrene
Concen: 8.281 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:202 Resp: 298693
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 58.174 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141306.D

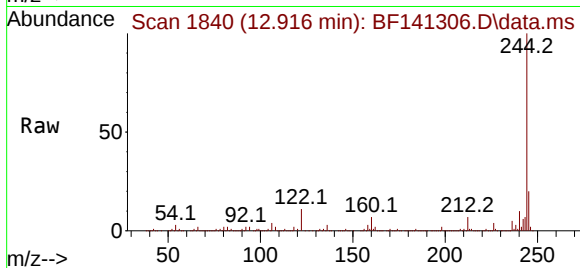
Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025



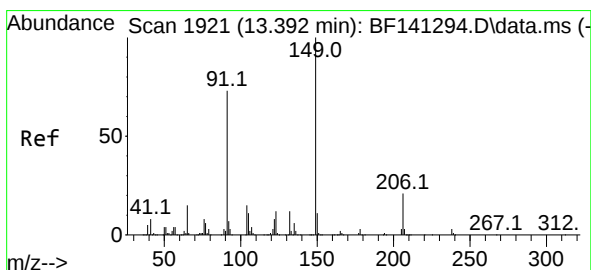
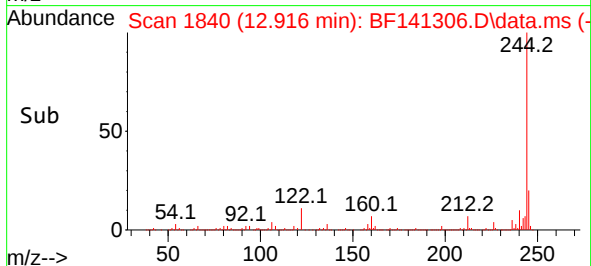
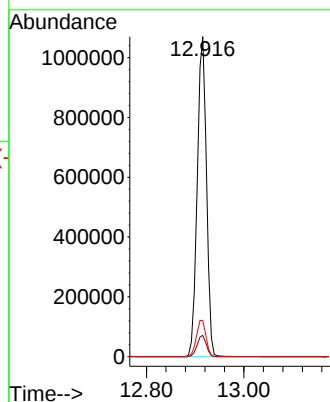
Tgt Ion:244 Resp: 1417480

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 11.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 8.391 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

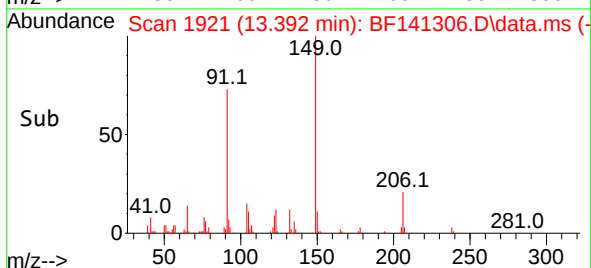
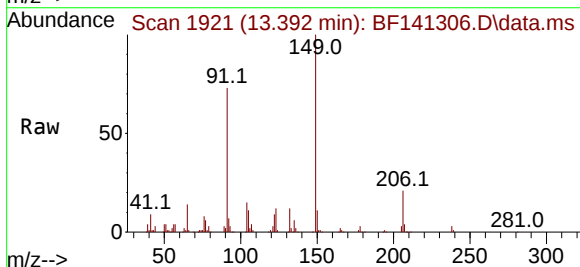
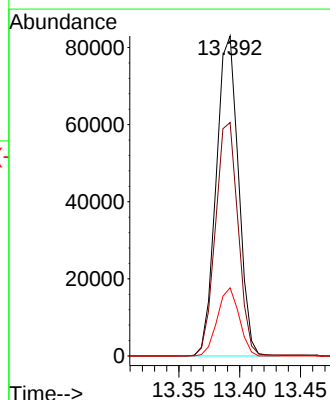
Tgt Ion:149 Resp: 105746

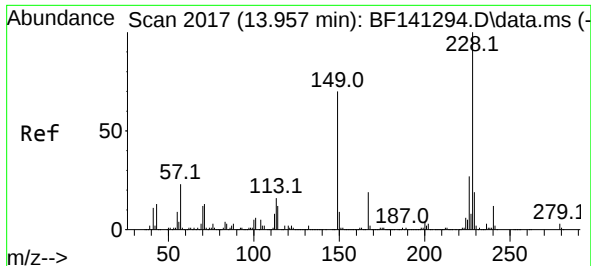
Ion Ratio Lower Upper

149 100

91 73.0 58.6 87.8

206 21.3 16.7 25.1

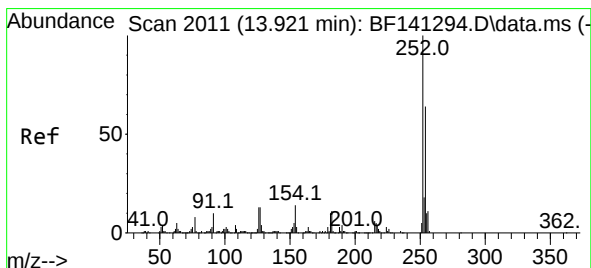
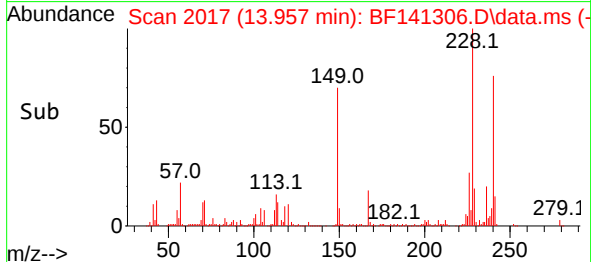
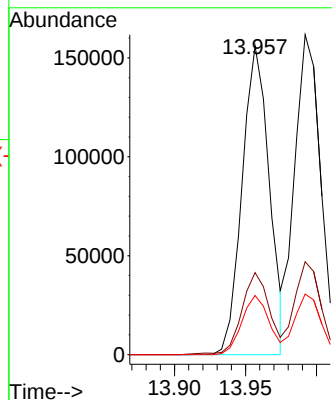
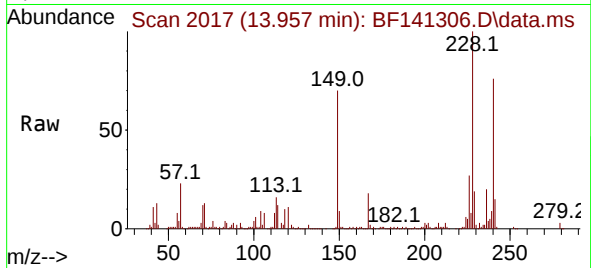




#81
Benzo(a)anthracene
Concen: 8.019 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

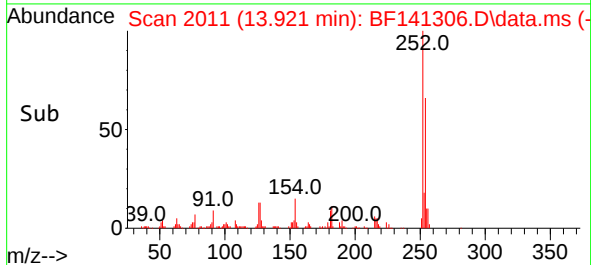
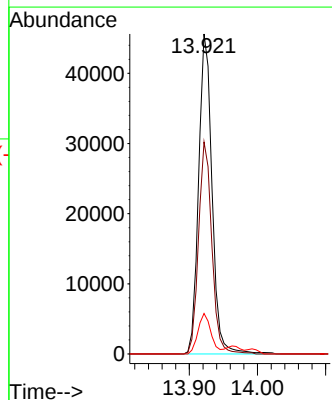
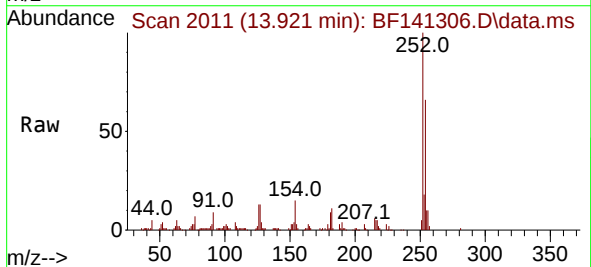
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2025

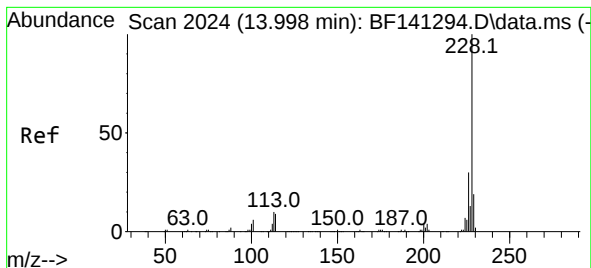
Tgt Ion:228 Resp: 207947
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.2
229 19.2 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 7.564 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:252 Resp: 62381
Ion Ratio Lower Upper
252 100
254 66.2 51.3 76.9
126 12.6 10.0 15.0





#83

Chrysene

Concen: 8.674 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

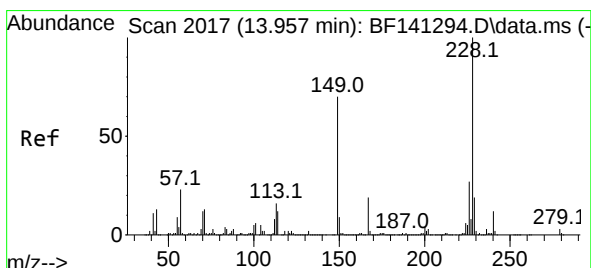
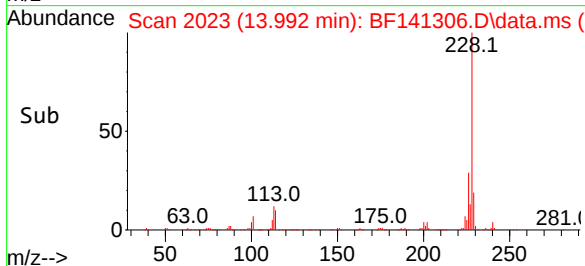
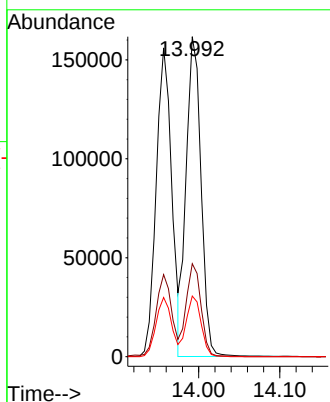
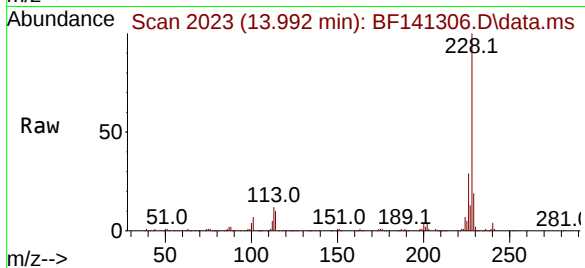
Tgt Ion:228 Resp: 206130

Ion Ratio Lower Upper

228 100

226 29.1 24.1 36.1

229 18.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.800 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

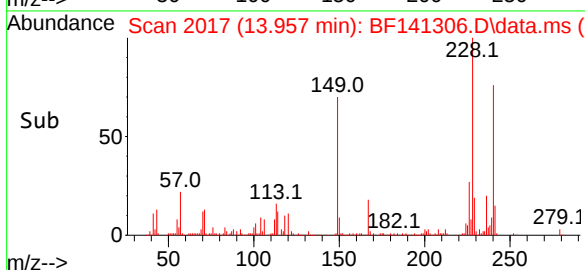
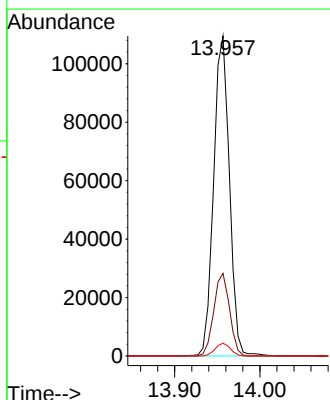
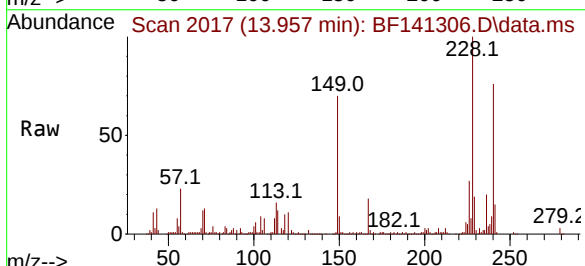
Tgt Ion:149 Resp: 140674

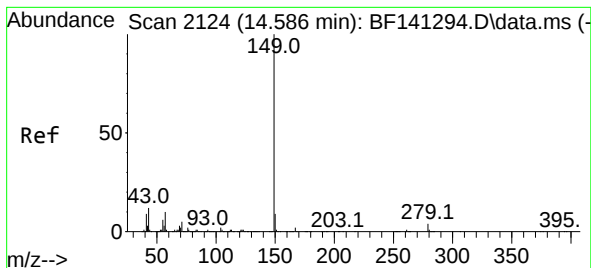
Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 7.829 ng

RT: 14.586 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

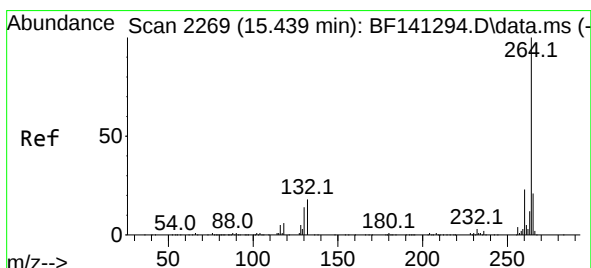
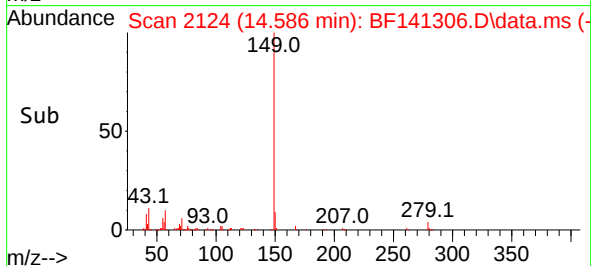
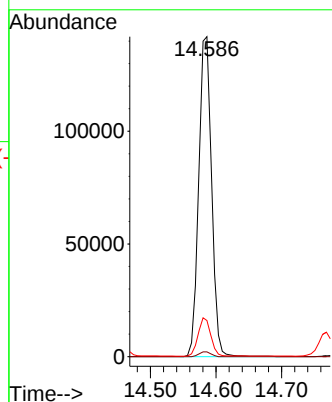
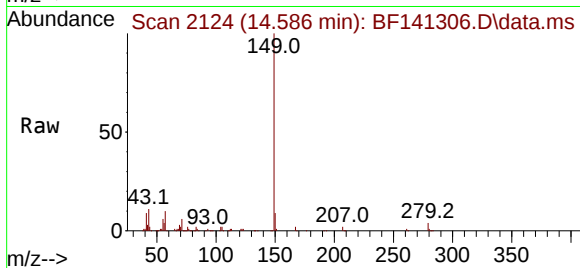
Tgt Ion:149 Resp: 194383

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 12.0 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

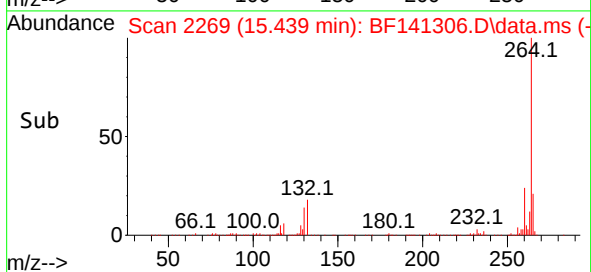
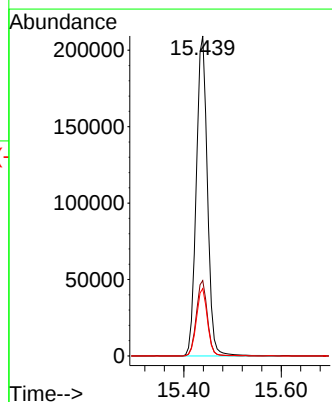
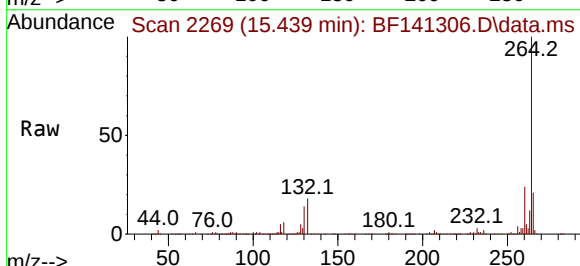
Tgt Ion:264 Resp: 333683

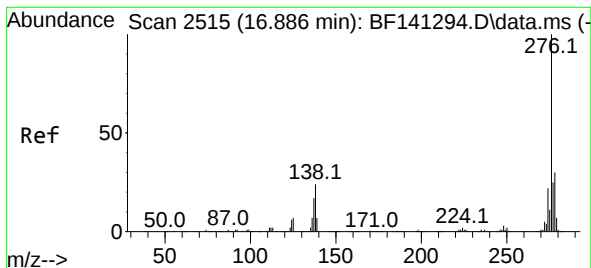
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.766 ng

RT: 16.880 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF141306.D

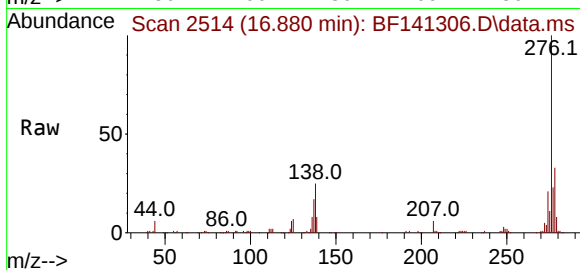
Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025



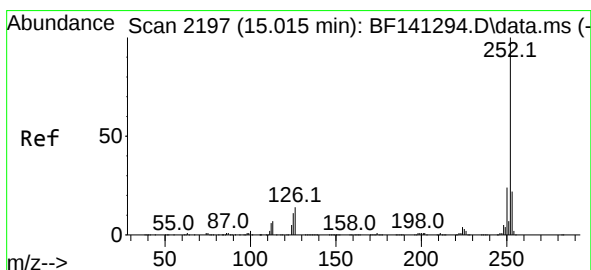
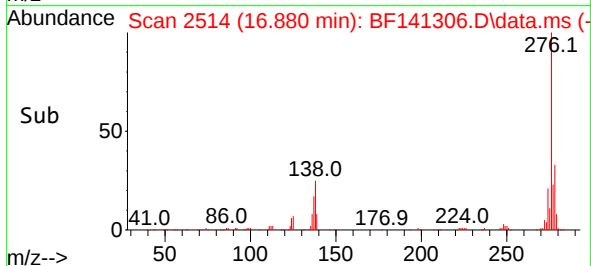
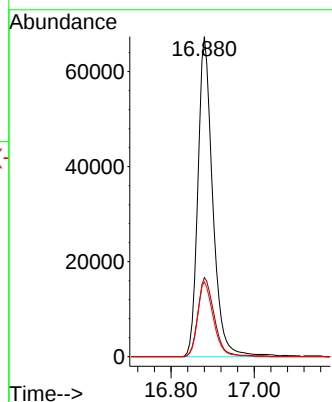
Tgt Ion:276 Resp: 167247

Ion Ratio Lower Upper

276 100

138 27.2 21.7 32.5

277 24.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 8.738 ng

RT: 15.010 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

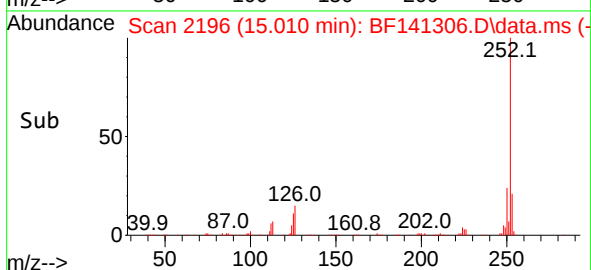
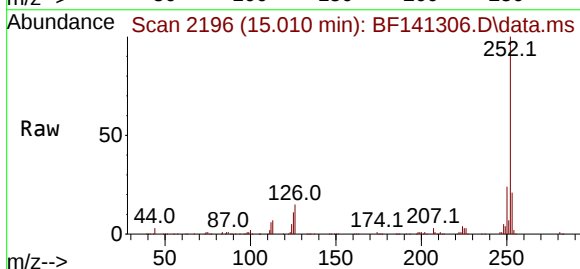
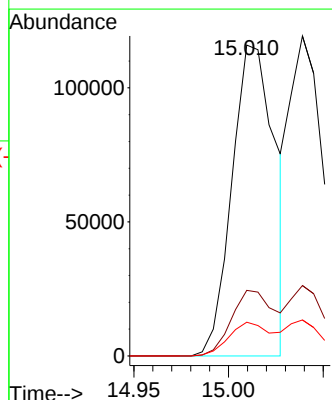
Tgt Ion:252 Resp: 183411

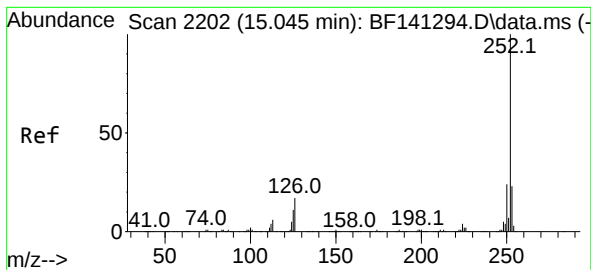
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

125 10.8 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 8.319 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2025

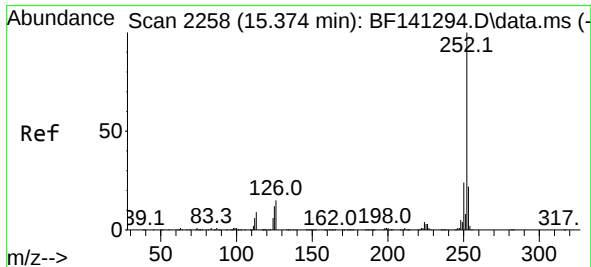
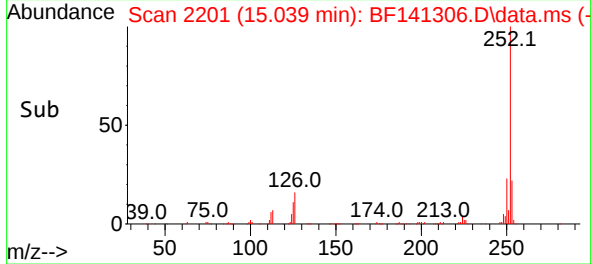
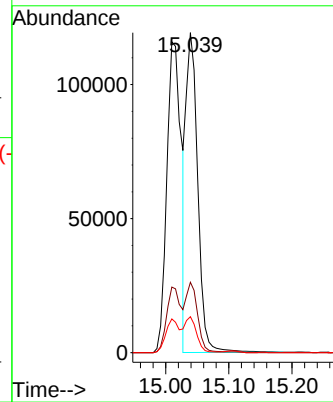
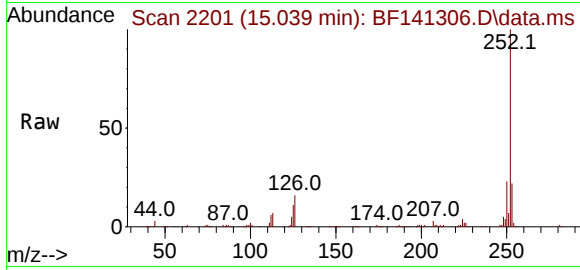
Tgt Ion:252 Resp: 154682

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.3 8.4 12.6



#90

Benzo(a)pyrene

Concen: 8.537 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF141306.D

Acq: 30 Jan 2025 11:55

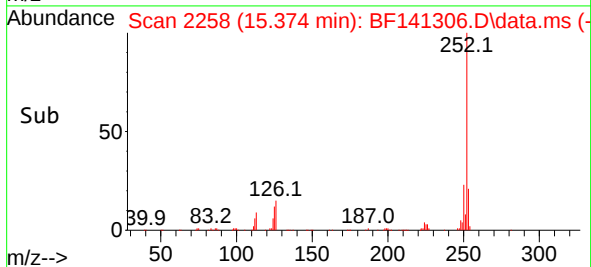
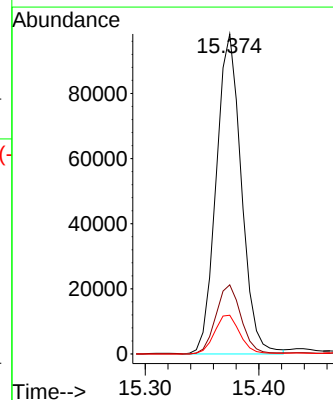
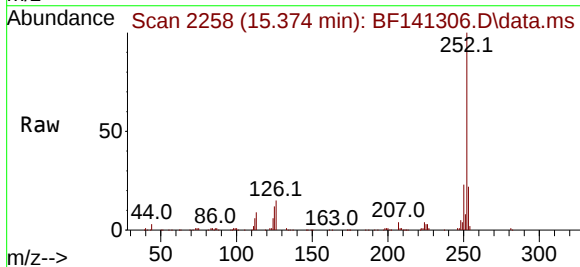
Tgt Ion:252 Resp: 151423

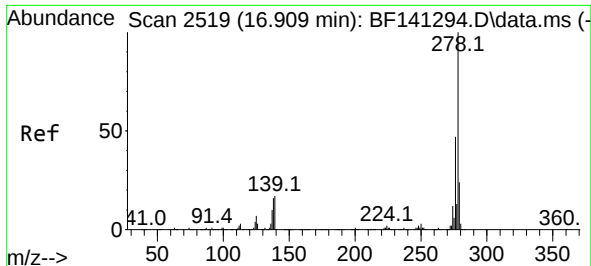
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 12.1 9.4 14.2

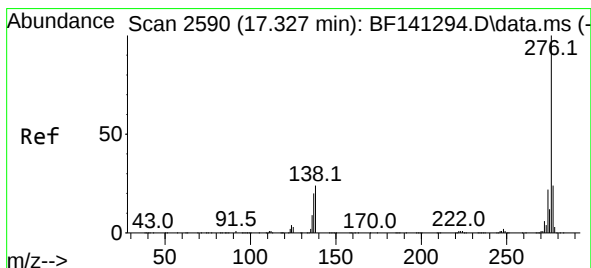
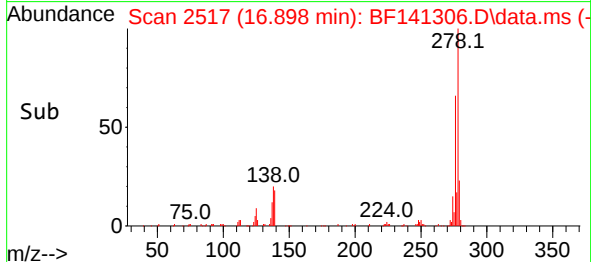
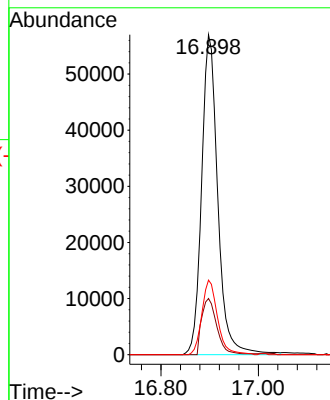
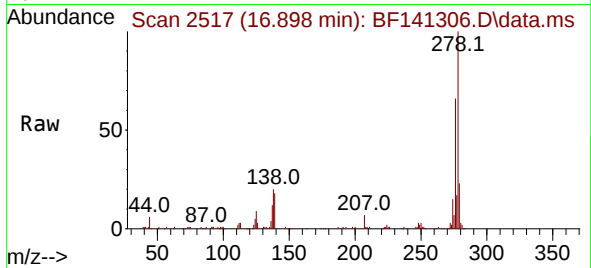




#91
Dibenzo(a,h)anthracene
Concen: 7.578 ng
RT: 16.898 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:278 Resp: 131306
Ion Ratio Lower Upper
278 100
139 17.5 13.9 20.9
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 7.238 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141306.D
Acq: 30 Jan 2025 11:55

Tgt Ion:276 Resp: 130398
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 23.2 19.0 28.4

