

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042821\
 Data File : BF123757.D
 Acq On : 28 Apr 2021 16:06
 Operator : JU/CG
 Sample : M1458-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Quant Time: Apr 28 18:04:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 28 11:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	227505	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	805579	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	396756	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	783454	20.00	ng	0.00
76) Chrysene-d12	13.974	240	667128	20.00	ng	-0.01
86) Perylene-d12	15.433	264	581101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1412695	98.37	ng	0.00
7) Phenol-d6	6.445	99	1919689	97.04	ng	0.00
23) Nitrobenzene-d5	7.369	82	1263280	70.79	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	516499	104.57	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1964497	72.11	ng	0.00
79) Terphenyl-d14	12.927	244	2292865	66.18	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.510	88	56445	7.30	ng	96
3) Pyridine	3.281	79	108780	5.75	ng	93
4) n-Nitrosodimethylamine	3.175	42	78173	7.51	ng	97
6) Aniline	6.469	93	196503	8.59	ng	98
8) 2-Chlorophenol	6.592	128	117047	7.58	ng	98
9) Benzaldehyde	6.357	77	116508	12.17	ng	96
10) Phenol	6.457	94	163064	7.67	ng	92
11) bis(2-Chloroethyl)ether	6.540	93	123192	7.94	ng	99
12) 1,3-Dichlorobenzene	6.745	146	122796	7.87	ng	97
13) 1,4-Dichlorobenzene	6.828	146	126292	8.00	ng	95
14) 1,2-Dichlorobenzene	6.981	146	117364	7.65	ng	98
15) Benzyl Alcohol	6.945	79	129757	8.37	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	266847	8.09	ng	98
17) 2-Methylphenol	7.057	107	99467	7.56	ng	99
18) Hexachloroethane	7.322	117	47338	7.57	ng	90
19) n-Nitroso-di-n-propyla...	7.216	70	95077	7.78	ng	99
20) 3+4-Methylphenols	7.216	107	132719	7.92	ng	# 82
22) Acetophenone	7.210	105	186271	8.51	ng	94
24) Nitrobenzene	7.387	77	148423	7.98	ng	99
25) Isophorone	7.622	82	246402	7.36	ng	98
26) 2-Nitrophenol	7.704	139	59292	7.82	ng	94
27) 2,4-Dimethylphenol	7.745	122	103045	8.65	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	149648	8.78	ng	96
29) 2,4-Dichlorophenol	7.951	162	88820	7.56	ng	95
30) 1,2,4-Trichlorobenzene	8.034	180	101007	8.21	ng	99
31) Naphthalene	8.116	128	343865	8.29	ng	98
32) Benzoic acid	7.822	122	20116	2.68	ng	# 85
33) 4-Chloroaniline	8.163	127	143075	8.27	ng	94
34) Hexachlorobutadiene	8.234	225	58725	7.83	ng	99
35) Caprolactam	8.492	113	31034	7.53	ng	# 90
36) 4-Chloro-3-methylphenol	8.639	107	113720	7.76	ng	94
37) 2-Methylnaphthalene	8.804	142	228477	8.45	ng	95
38) 1-Methylnaphthalene	8.904	142	203170	8.00	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	100169	8.58	ng	98
41) Hexachlorocyclopentadiene	8.963	237	52608	11.36	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	59345	7.38	ng	94

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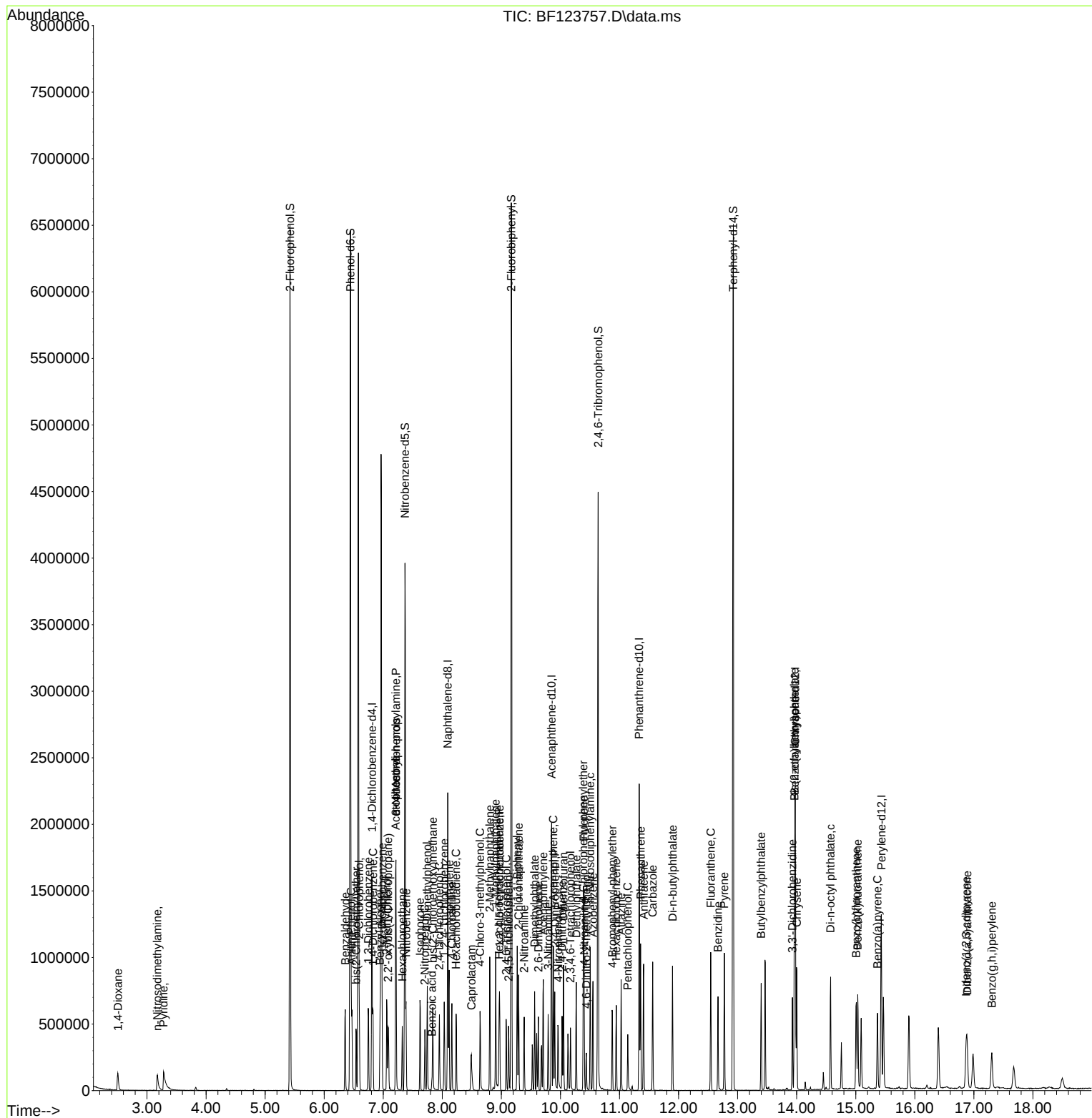
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	64711	7.50	ng	96
46) 1,1'-Biphenyl	9.269	154	279772	8.61	ng	97
47) 2-Chloronaphthalene	9.292	162	200949	8.20	ng	97
48) 2-Nitroaniline	9.386	65	79953	7.41	ng	97
49) Acenaphthylene	9.710	152	334465	8.45	ng	99
50) Dimethylphthalate	9.563	163	233252	8.35	ng	99
51) 2,6-Dinitrotoluene	9.628	165	49447	7.65	ng	84
52) Acenaphthene	9.880	154	204652	8.49	ng	98
53) 3-Nitroaniline	9.792	138	60850	7.89	ng	# 98
54) 2,4-Dinitrophenol	9.904	184	73249	21.35	ng	91
55) Dibenzofuran	10.051	168	300307	8.24	ng	97
56) 4-Nitrophenol	9.963	139	67502	12.01	ng	90
57) 2,4-Dinitrotoluene	10.028	165	66039	7.50	ng	88
58) Fluorene	10.392	166	232808	8.31	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	48415	7.09	ng	98
60) Diethylphthalate	10.269	149	252237	8.48	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	109453	8.38	ng	98
62) 4-Nitroaniline	10.404	138	59626	7.80	ng	98
63) Azobenzene	10.551	77	269279	7.88	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	29768	6.13	ng	# 79
66) n-Nitrosodiphenylamine	10.504	169	208340	8.13	ng	96
67) 4-Bromophenyl-phenylether	10.880	248	65998	8.00	ng	95
68) Hexachlorobenzene	10.945	284	74088	7.89	ng	92
69) Atrazine	11.027	200	63557	8.20	ng	95
70) Pentachlorophenol	11.139	266	45796	9.57	ng	98
71) Phenanthrene	11.357	178	338798	8.24	ng	99
72) Anthracene	11.410	178	342479	8.38	ng	96
73) Carbazole	11.563	167	332801	8.06	ng	97
74) Di-n-butylphthalate	11.898	149	385277	8.31	ng	97
75) Fluoranthene	12.545	202	369307	8.24	ng	99
77) Benzidine	12.669	184	227380	13.16	ng	100
78) Pyrene	12.774	202	385299	7.44	ng	98
80) Butylbenzylphthalate	13.398	149	162072	7.33	ng	93
81) Benzo(a)anthracene	13.968	228	317927	7.86	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	119797	9.65	ng	98
83) Chrysene	14.004	228	327899	8.06	ng	96
84) Bis(2-ethylhexyl)phtha...	13.963	149	216927	7.89	ng	99
85) Di-n-octyl phthalate	14.574	149	351807	8.01	ng	97
87) Indeno(1,2,3-cd)pyrene	16.868	276	251055	7.42	ng	97
88) Benzo(b)fluoranthene	15.010	252	297750	7.60	ng	96
89) Benzo(k)fluoranthene	15.033	252	291185	7.79	ng	97
90) Benzo(a)pyrene	15.368	252	263770	7.88	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	220376	7.71	ng	98
92) Benzo(g,h,i)perylene	17.304	276	211966	7.41	ng	100

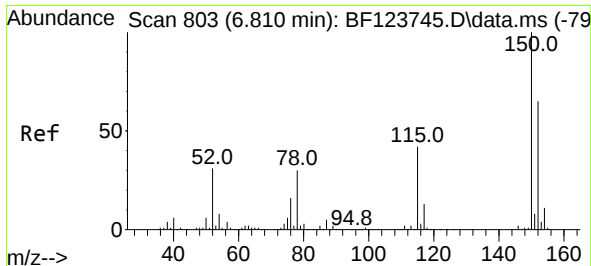
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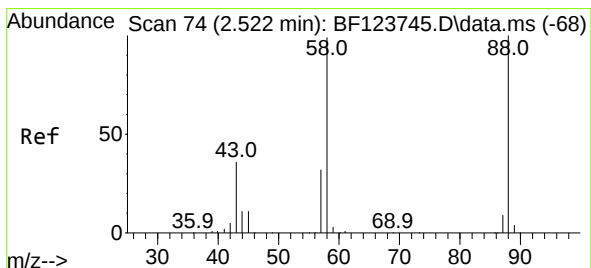
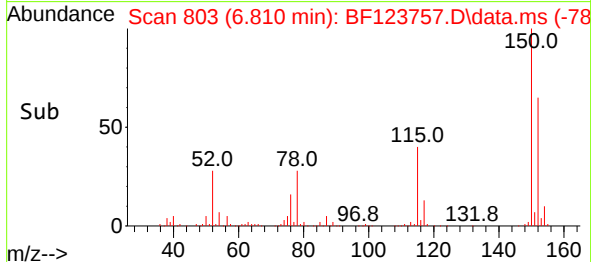
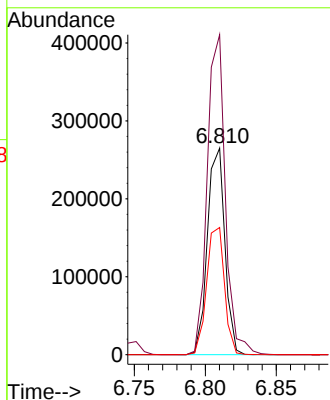
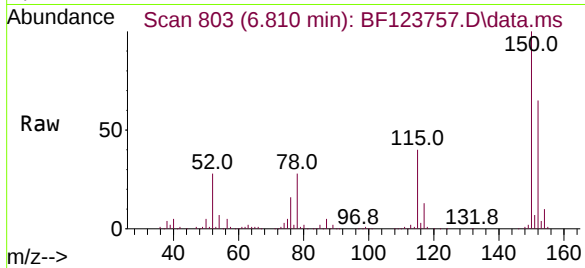




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.810 min Scan# 803
 Delta R.T. 0.000 min
 Lab File: BF123757.D
 Acq: 28 Apr 2021 16:06

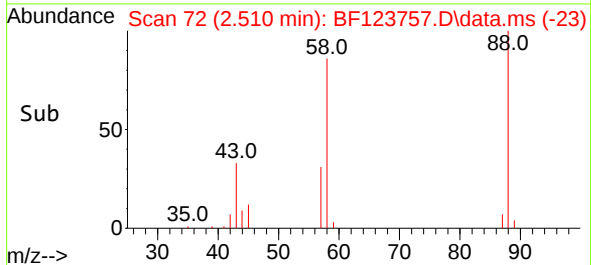
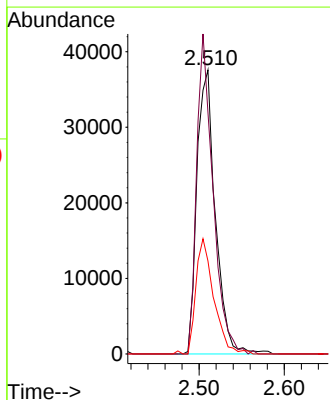
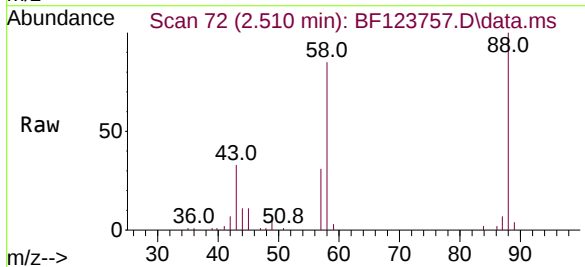
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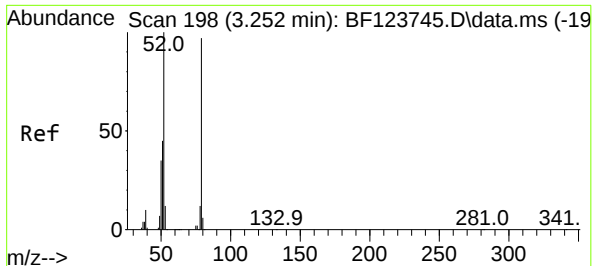
Tgt Ion:152 Resp: 227505
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.0 190.6
 115 61.6 54.3 81.5



#2
 1,4-Dioxane
 Concen: 7.30 ng
 RT: 2.510 min Scan# 72
 Delta R.T. -0.012 min
 Lab File: BF123757.D
 Acq: 28 Apr 2021 16:06

Tgt Ion: 88 Resp: 56445
 Ion Ratio Lower Upper
 88 100
 58 100.1 83.8 125.8
 43 39.6 32.2 48.4

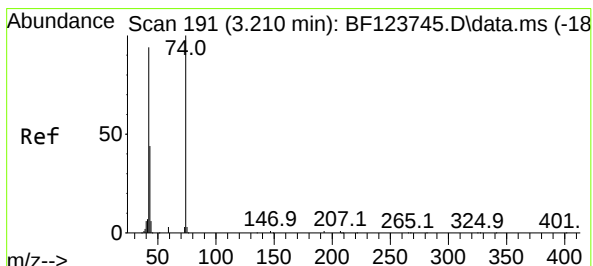
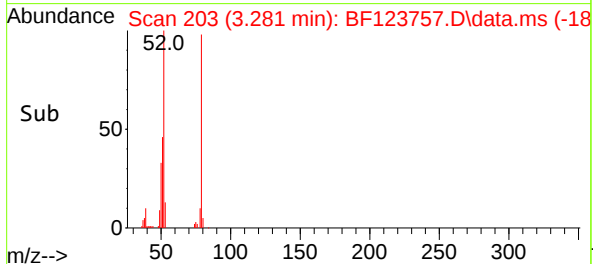
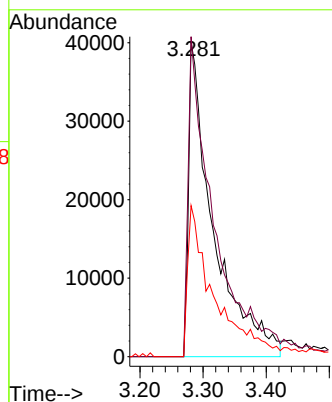
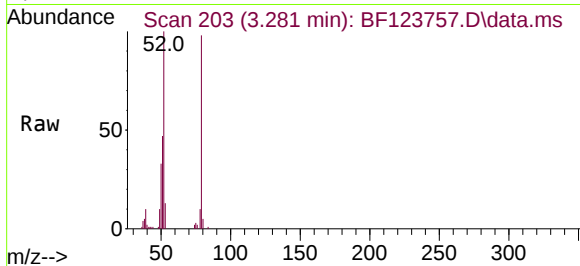




#3
Pyridine
Concen: 5.75 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.029 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

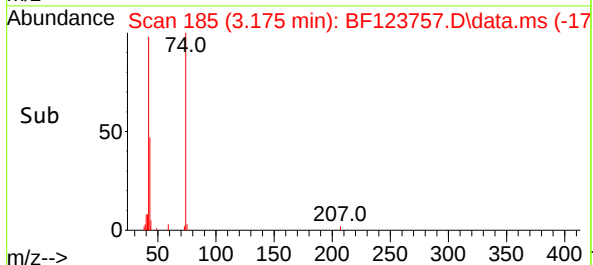
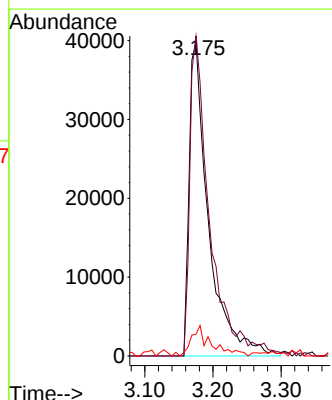
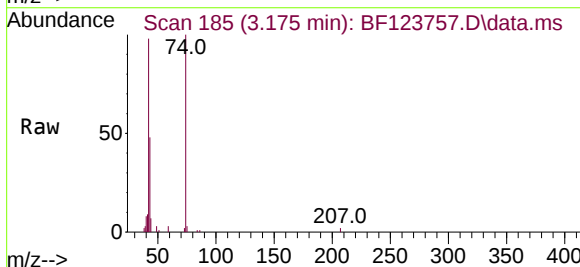
Instrument :
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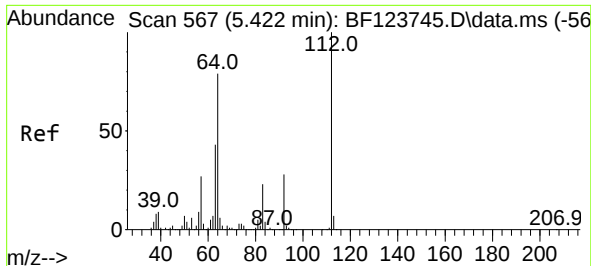
Tgt Ion: 79 Resp: 108780
Ion Ratio Lower Upper
79 100
52 101.7 87.4 131.0
51 48.0 41.4 62.0



#4
n-Nitrosodimethylamine
Concen: 7.51 ng
RT: 3.175 min Scan# 185
Delta R.T. -0.035 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion: 42 Resp: 78173
Ion Ratio Lower Upper
42 100
74 101.7 83.5 125.3
44 6.9 5.7 8.5

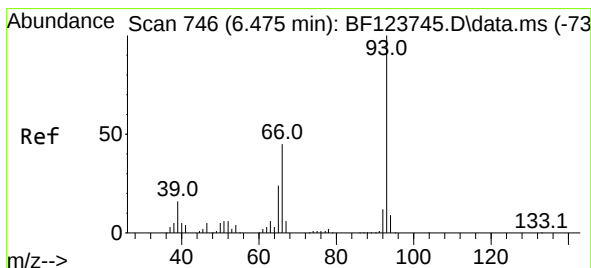
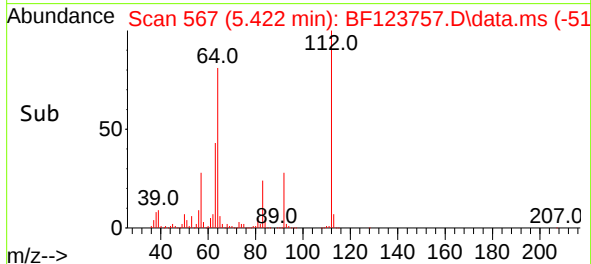
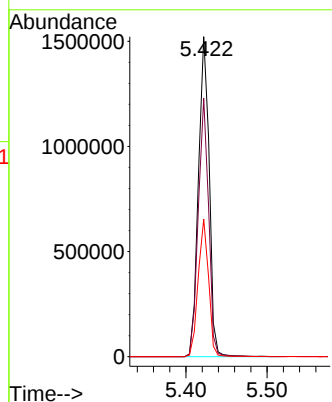
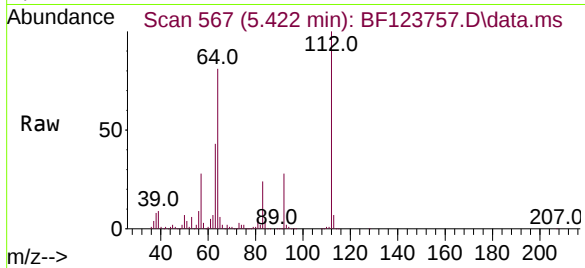




#5
2-Fluorophenol
Concen: 98.37 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

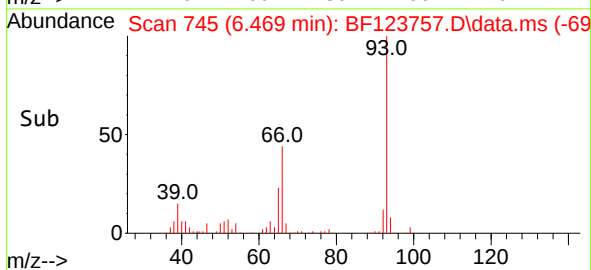
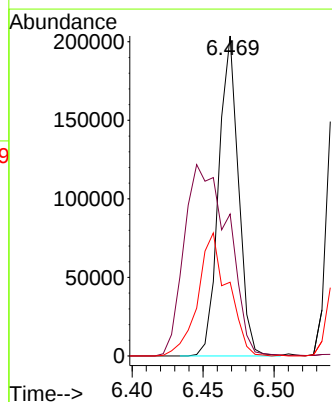
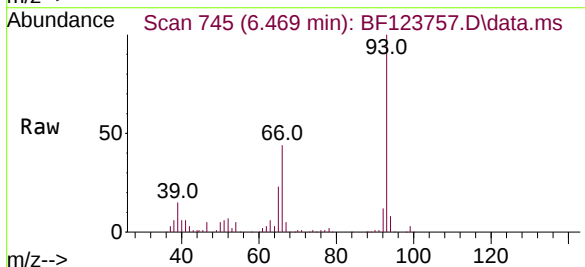
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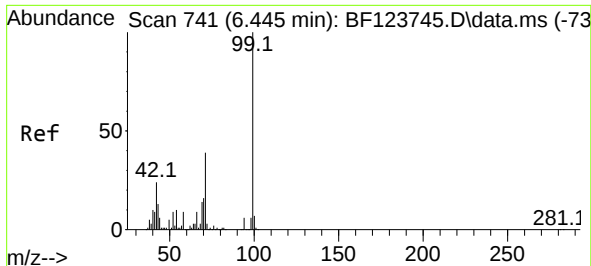
Tgt Ion:112 Resp: 1412695
Ion Ratio Lower Upper
112 100
64 80.8 61.4 92.0
63 43.0 33.0 49.4



#6
Aniline
Concen: 8.59 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123757.D
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Tgt Ion: 93 Resp: 196503
Ion Ratio Lower Upper
93 100
66 44.4 36.4 54.6
65 23.1 19.4 29.0

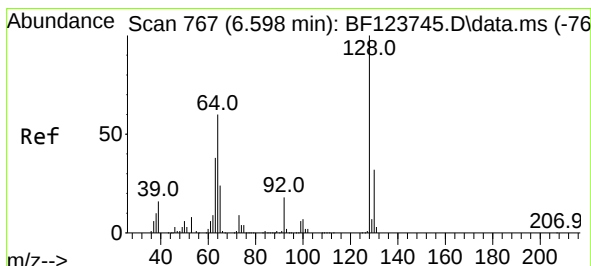
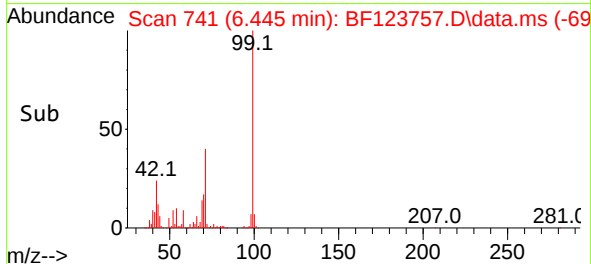
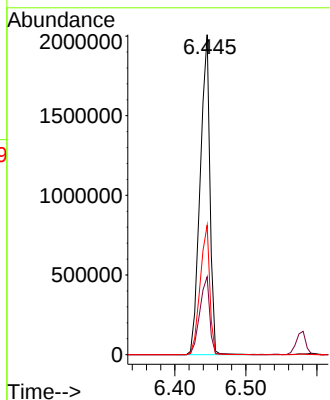
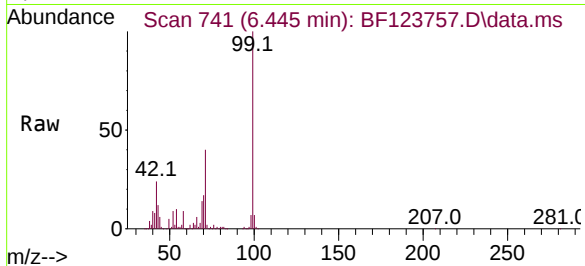




#7
Phenol-d6
Concen: 97.04 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

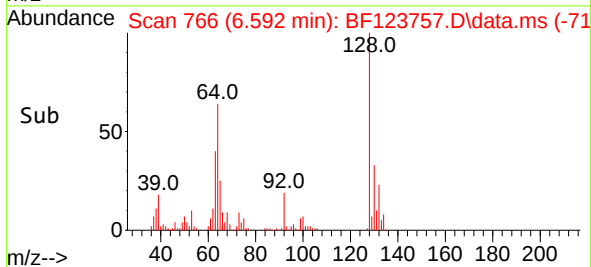
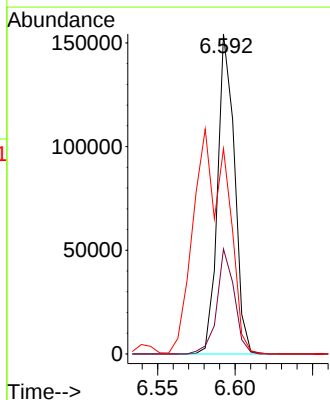
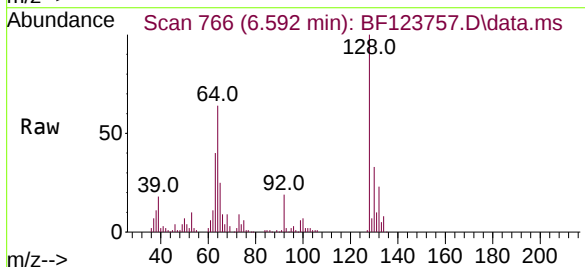
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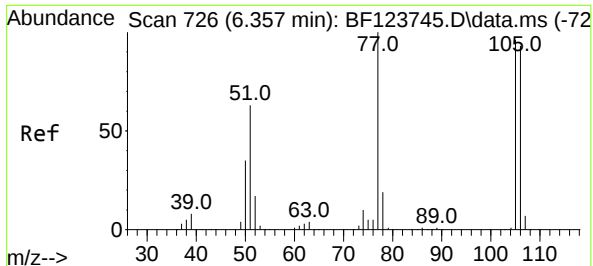
Tgt Ion: 99 Resp: 1919689
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.8
71 40.4 31.1 46.7



#8
2-Chlorophenol
Concen: 7.58 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion: 128 Resp: 117047
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 64.2 41.5 81.5

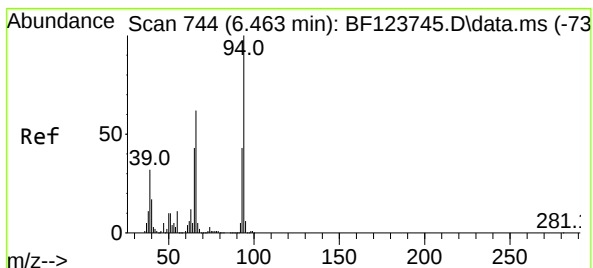
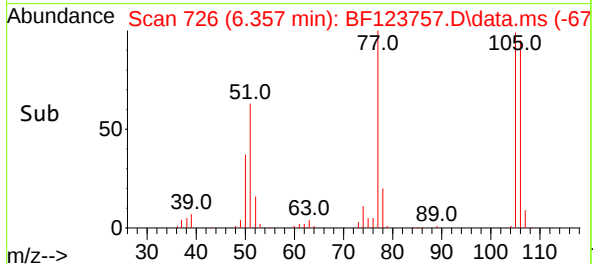
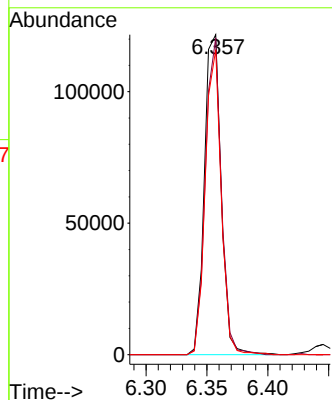
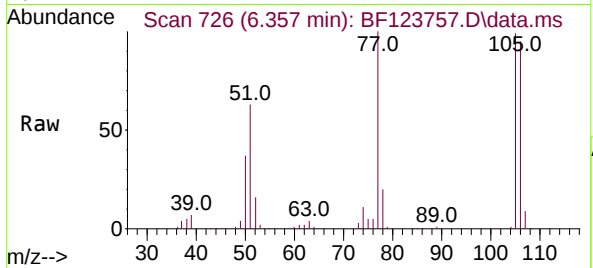




#9
Benzaldehyde
Concen: 12.17 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
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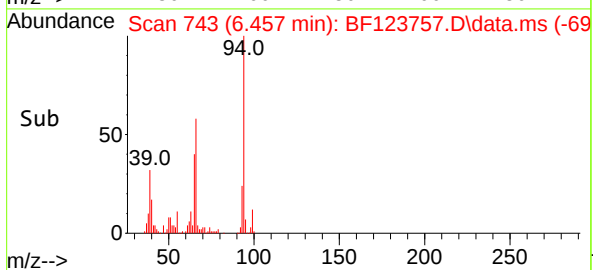
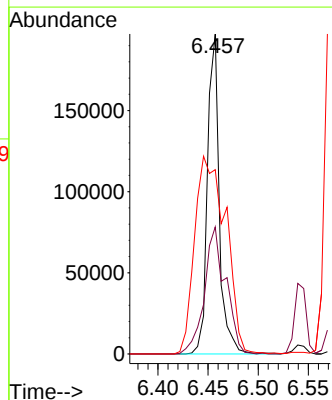
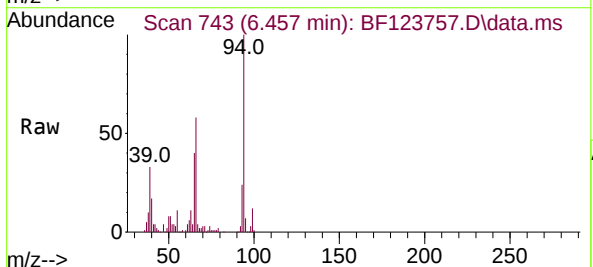
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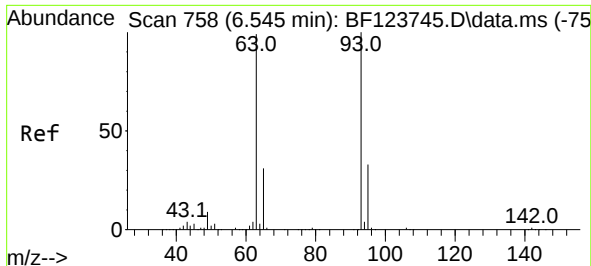
Tgt Ion:	77	Resp:	116508
Ion	Ratio	Lower	Upper
77	100		
105	99.0	75.2	115.2
106	95.3	71.6	111.6



#10
Phenol
Concen: 7.67 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:	94	Resp:	163064
Ion	Ratio	Lower	Upper
94	100		
65	39.7	18.1	58.1
66	57.6	29.0	69.0





#11

bis(2-Chloroethyl)ether

Concen: 7.94 ng

RT: 6.540 min Scan# 757

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

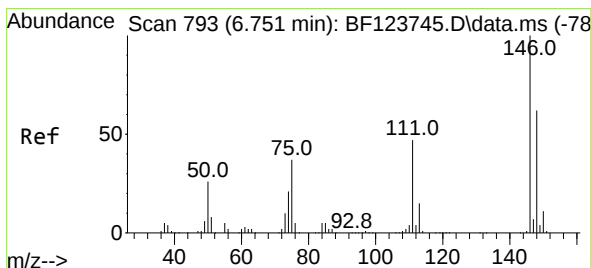
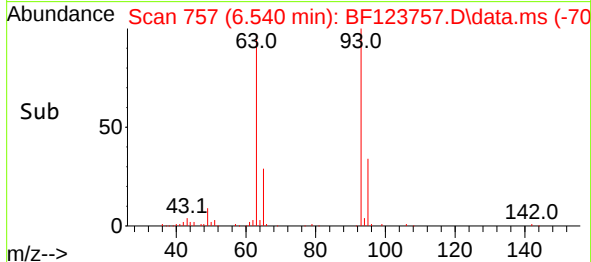
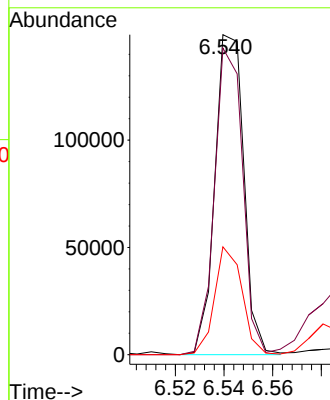
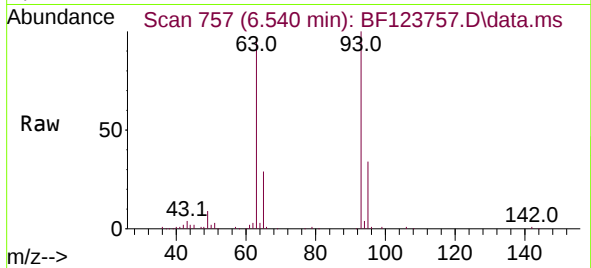
Tgt Ion:	93	Resp:	123192
Ion	Ratio	Lower	Upper
93	100		
63	95.8	76.1	116.1
95	33.7	11.5	51.5

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#12

1,3-Dichlorobenzene

Concen: 7.87 ng

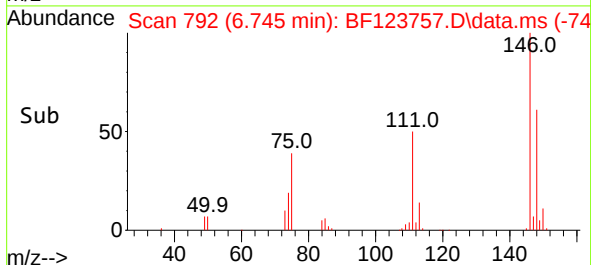
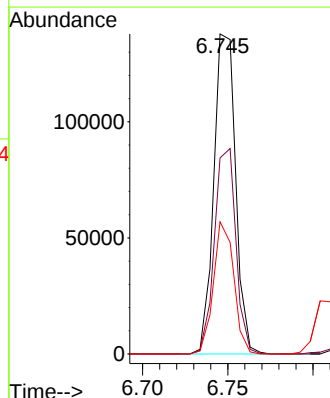
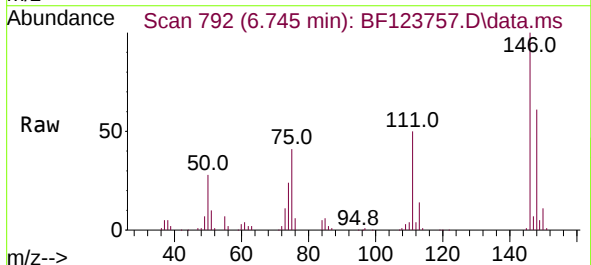
RT: 6.745 min Scan# 792

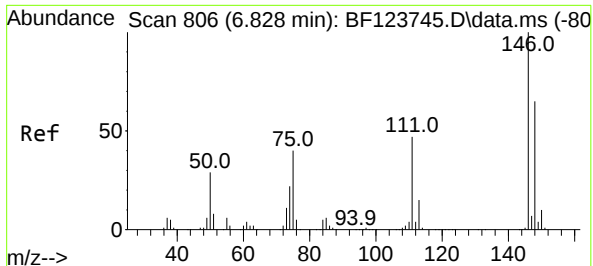
Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

Tgt Ion:	146	Resp:	122796
Ion	Ratio	Lower	Upper
146	100		
148	61.2	50.9	76.3
75	41.3	34.2	51.4





#13

1,4-Dichlorobenzene

Concen: 8.00 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

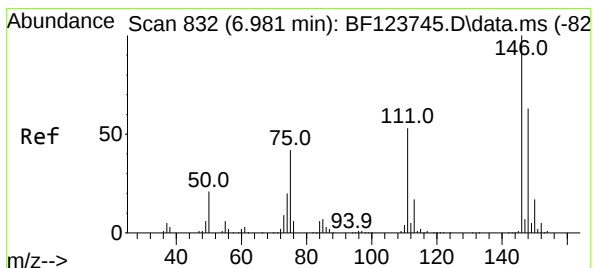
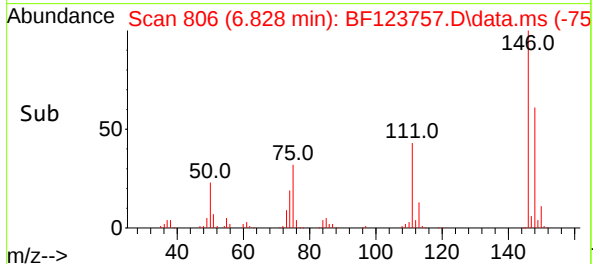
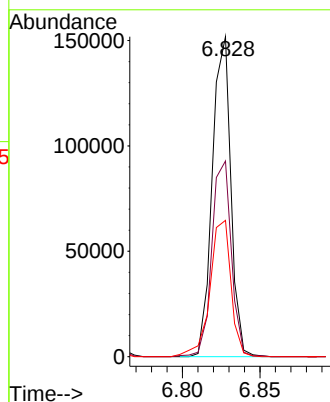
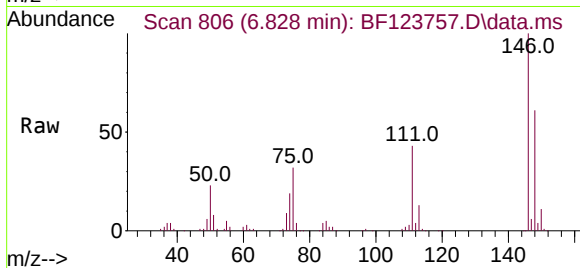
Tgt Ion:146 Resp: 126292

Ion Ratio Lower Upper

146 100

148 61.1 49.9 74.9

111 42.6 39.5 59.3



#14

1,2-Dichlorobenzene

Concen: 7.65 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.000 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

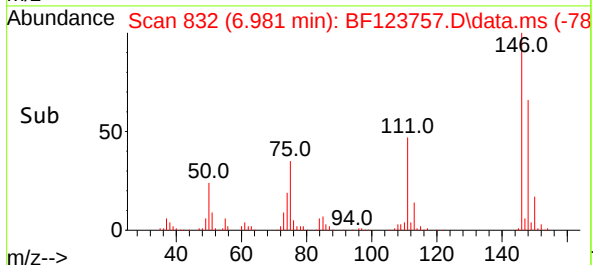
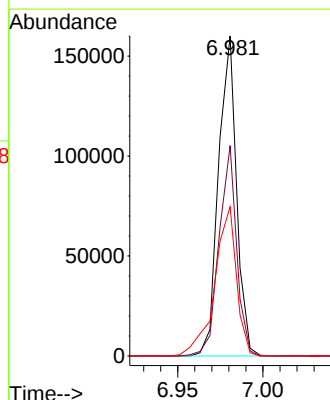
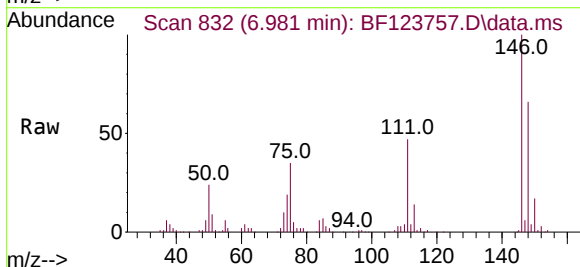
Tgt Ion:146 Resp: 117364

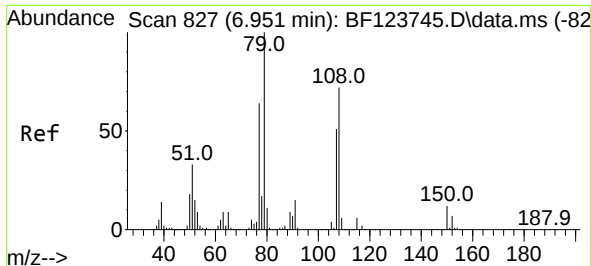
Ion Ratio Lower Upper

146 100

148 65.8 51.6 77.4

111 46.6 38.4 57.6

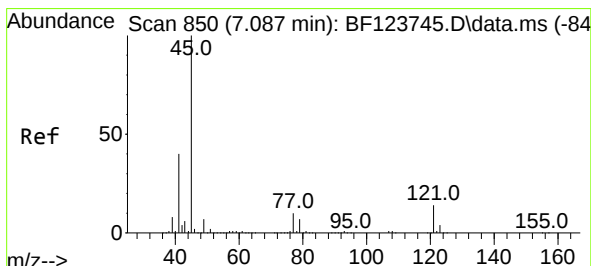
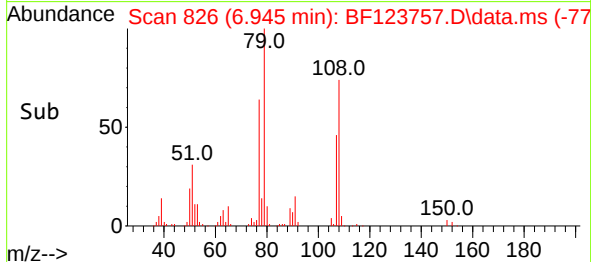
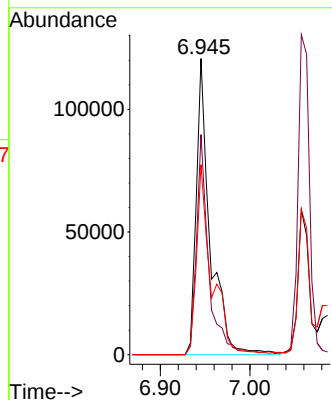
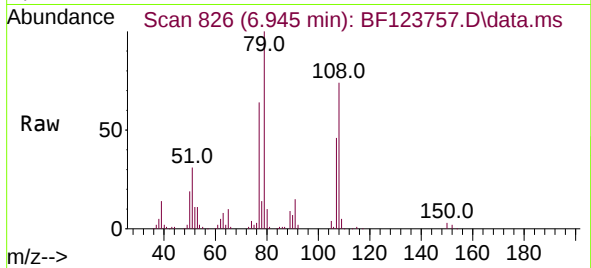




#15
Benzyl Alcohol
Concen: 8.37 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

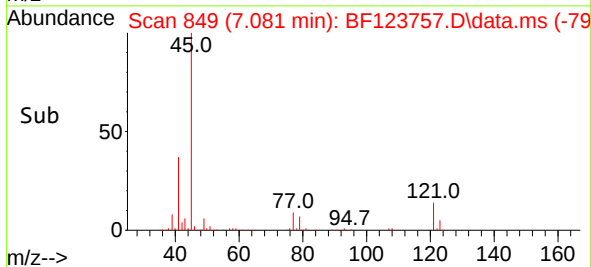
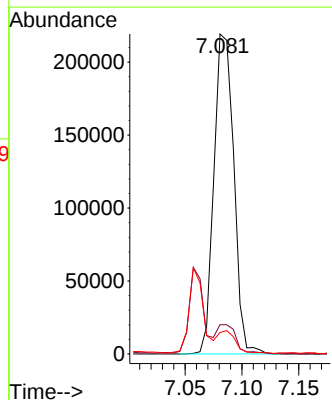
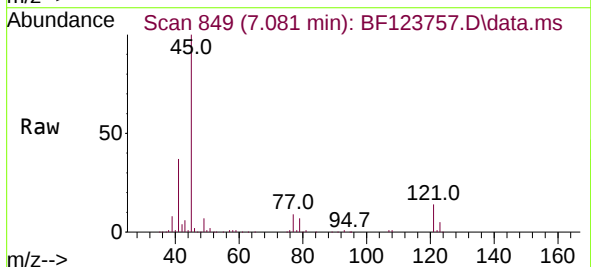
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

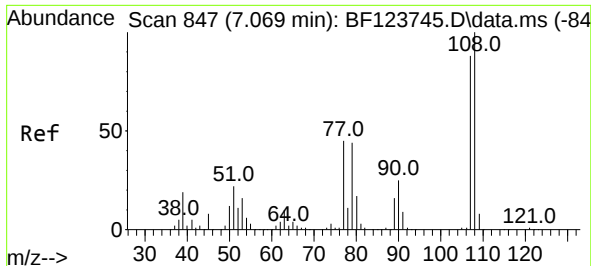
Tgt Ion: 79 Resp: 129757
Ion Ratio Lower Upper
79 100
108 74.3 55.8 83.8
77 64.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.09 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion: 45 Resp: 266847
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.0
79 6.7 0.0 27.3

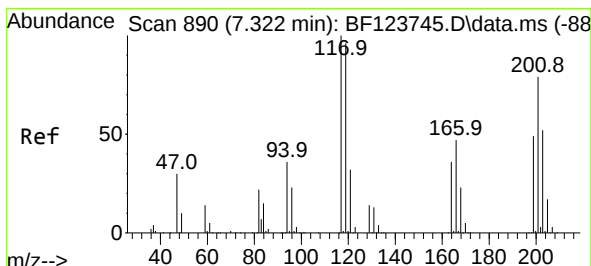
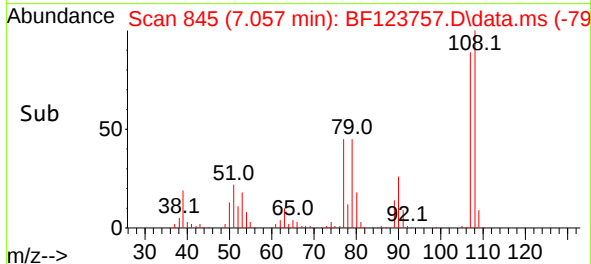
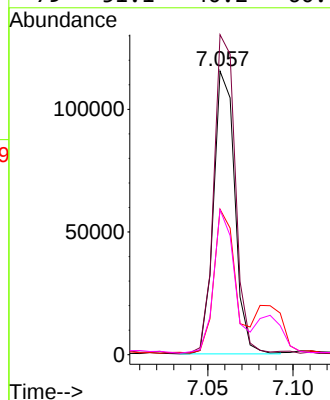
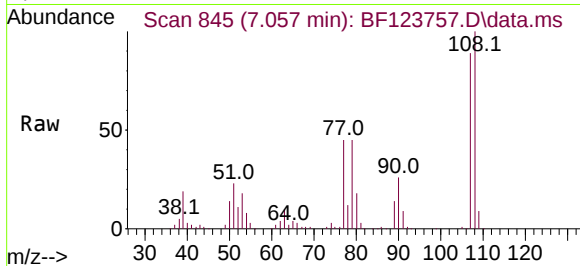




#17
2-Methylphenol
Concen: 7.56 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

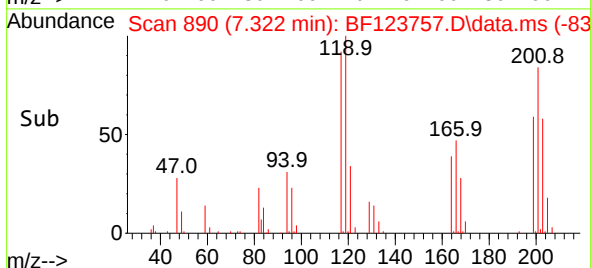
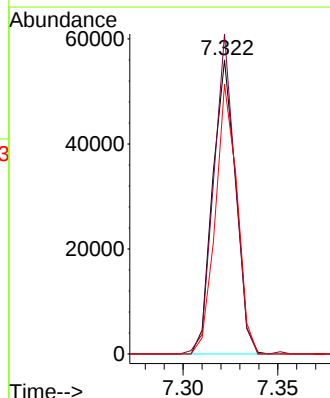
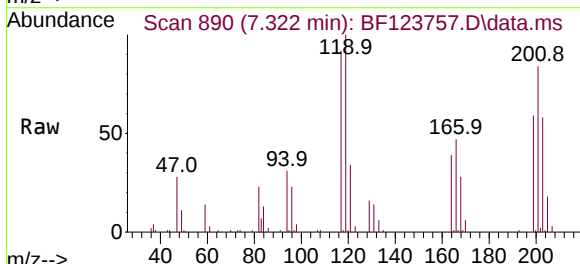
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

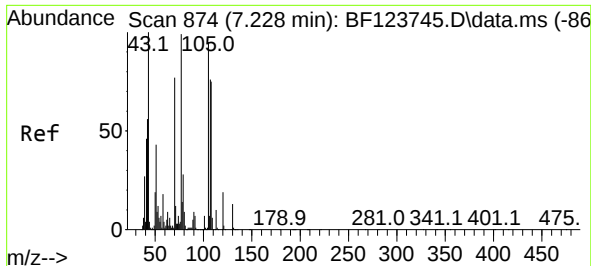
Tgt Ion:	107	Resp:	99467
Ion Ratio	Lower	Upper	
107	100		
108	112.9	89.8	134.8
77	51.3	40.9	61.3
79	51.1	40.2	60.4



#18
Hexachloroethane
Concen: 7.57 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

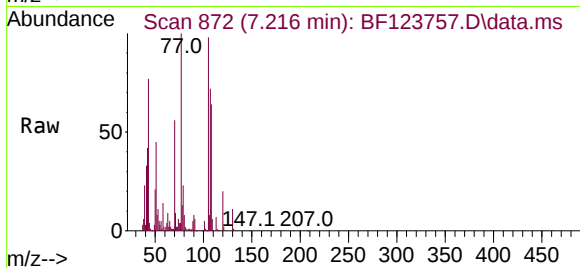
Tgt Ion:	117	Resp:	47338
Ion Ratio	Lower	Upper	
117	100		
119	108.8	77.8	116.8
201	91.7	67.8	101.8



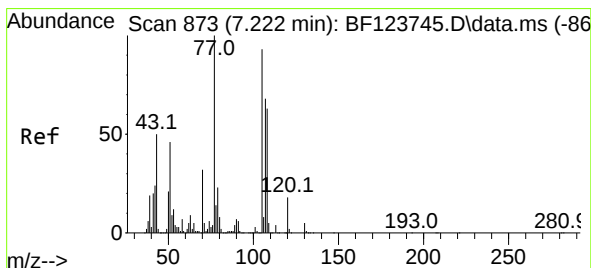
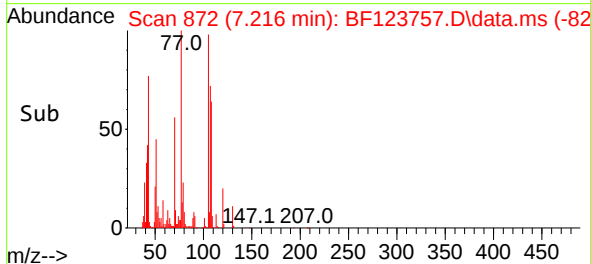
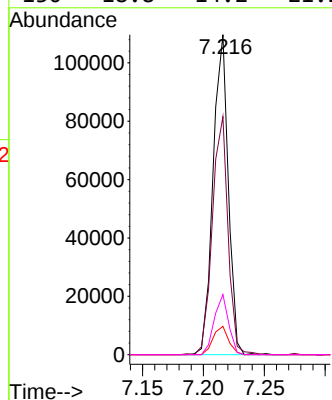


#19
n-Nitroso-di-n-propylamine
Concen: 7.78 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

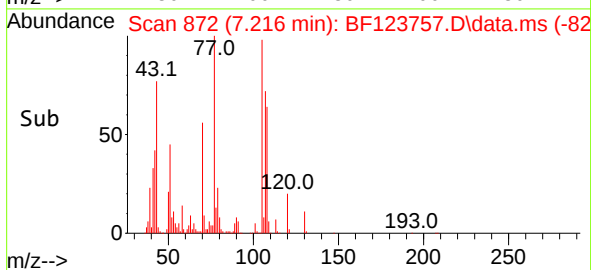
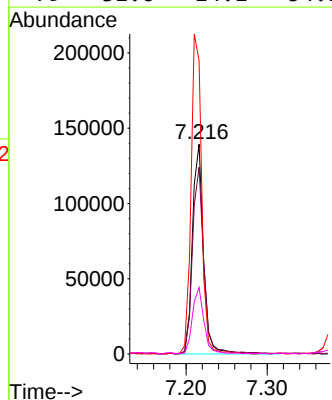
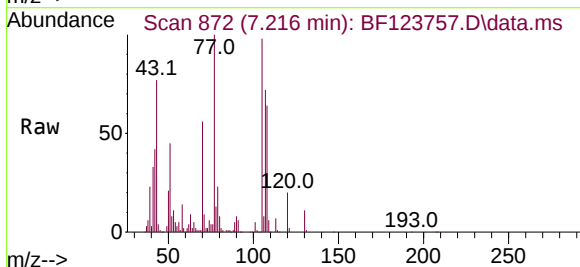


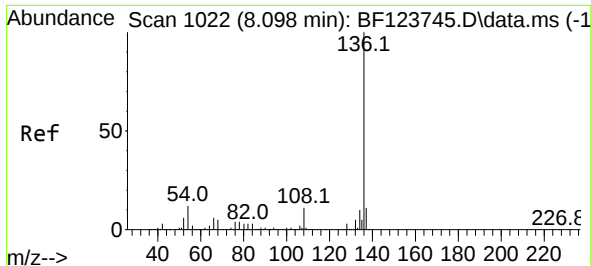
Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.4	60.1	90.1
101	8.9	7.4	11.2
130	18.8	14.2	21.2



#20
3+4-Methylphenols
Concen: 7.92 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.5	111.5
77	139.8	82.0	122.0#
79	31.6	14.1	54.1

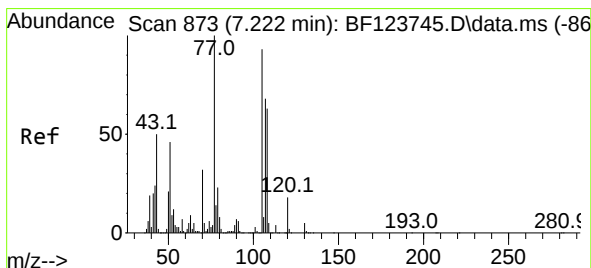
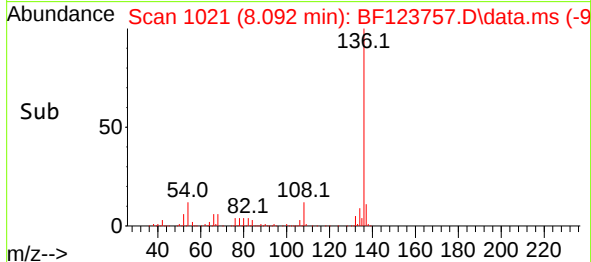
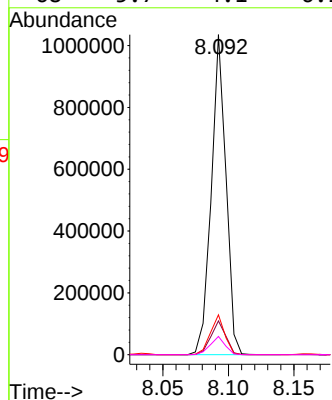
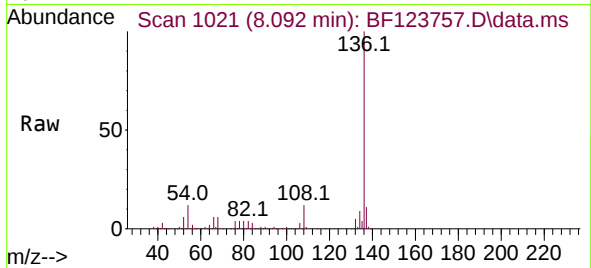




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

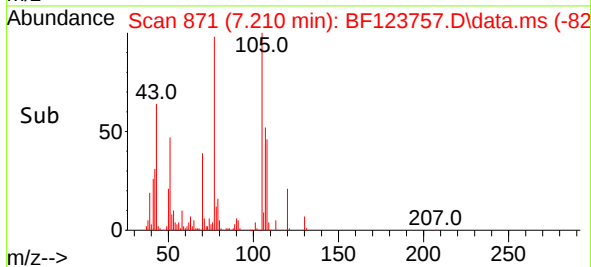
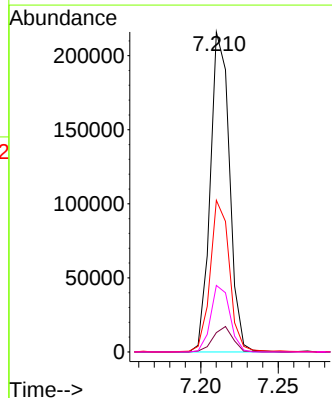
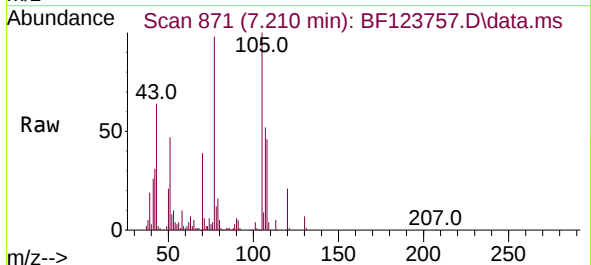
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

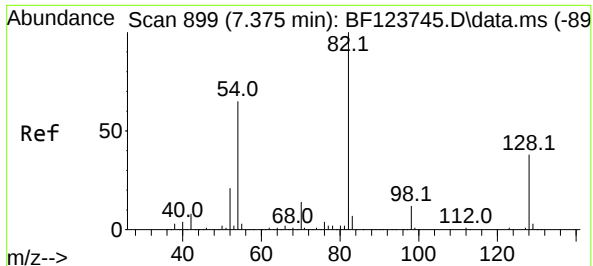
Tgt Ion:136	Resp: 805579
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 12.5	9.8 14.6
68 5.7	4.1 6.1



#22
Acetophenone
Concen: 8.51 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:105	Resp: 186271
Ion Ratio	Lower Upper
105 100	
71 6.0	4.2 6.4
51 47.4	33.6 50.4
120 20.8	16.3 24.5

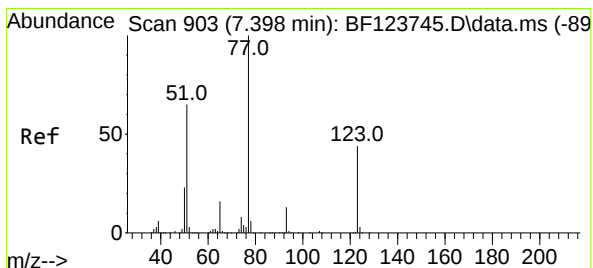
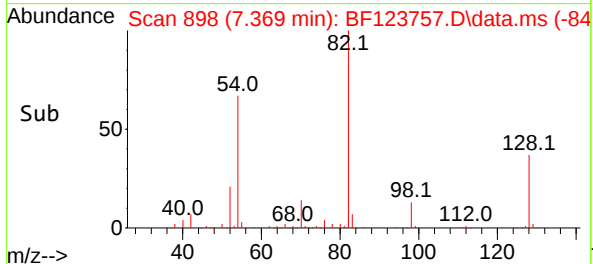
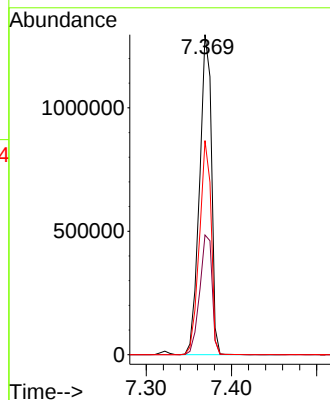
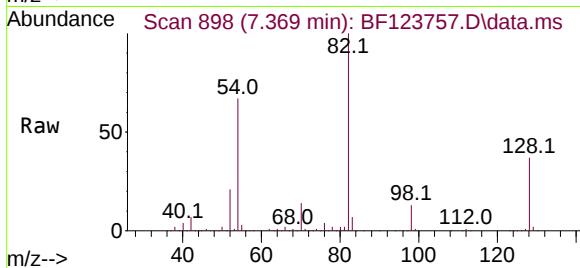




#23
Nitrobenzene-d5
Concen: 70.79 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

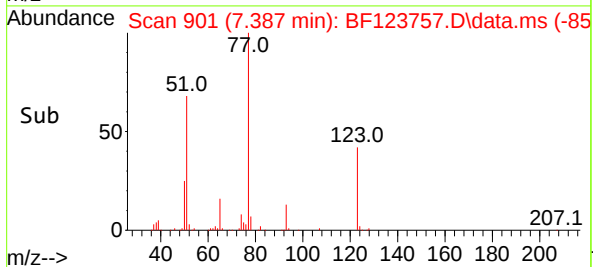
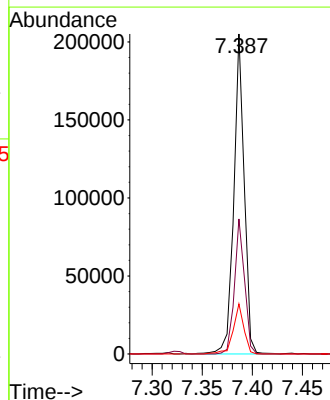
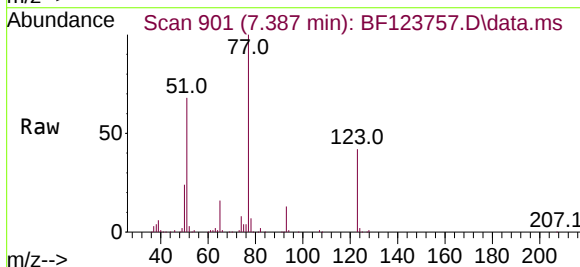
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

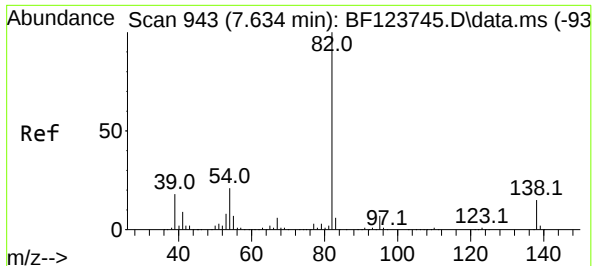
Tgt Ion: 82 Resp: 1263280
Ion Ratio Lower Upper
82 100
128 37.4 29.4 44.2
54 66.9 54.1 81.1



#24
Nitrobenzene
Concen: 7.98 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion: 77 Resp: 148423
Ion Ratio Lower Upper
77 100
123 42.2 34.5 51.7
65 15.7 12.2 18.2

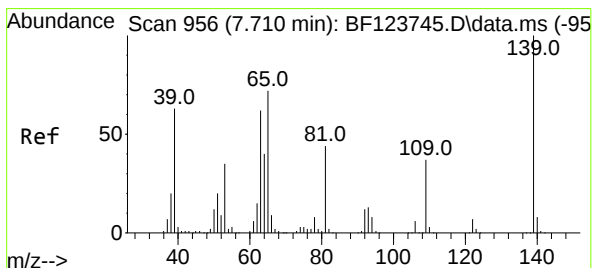
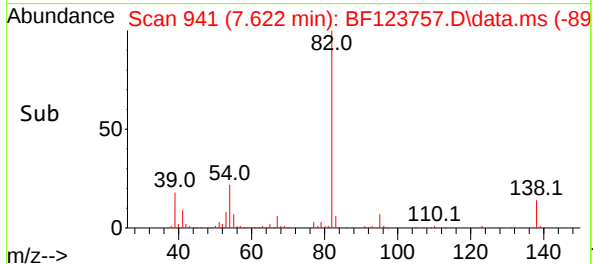
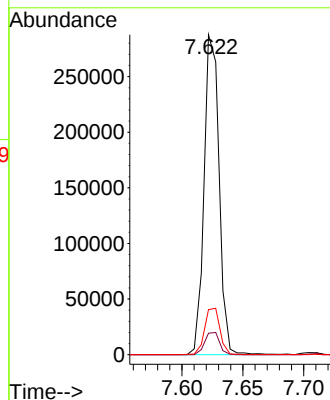
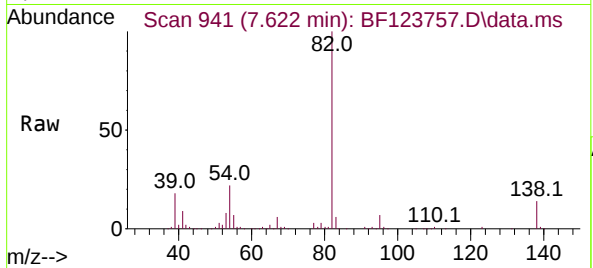




#25
Isophorone
Concen: 7.36 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

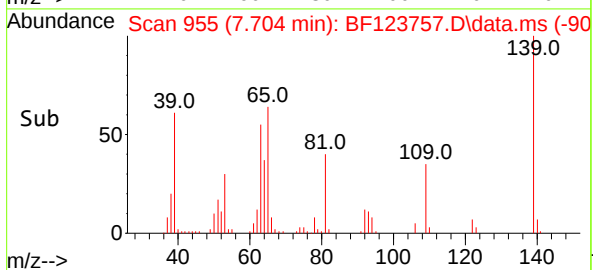
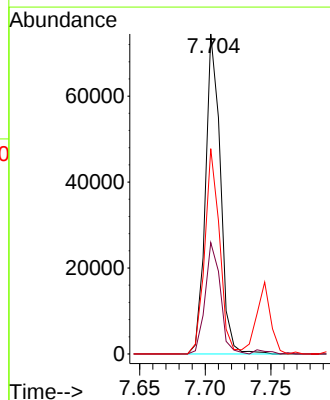
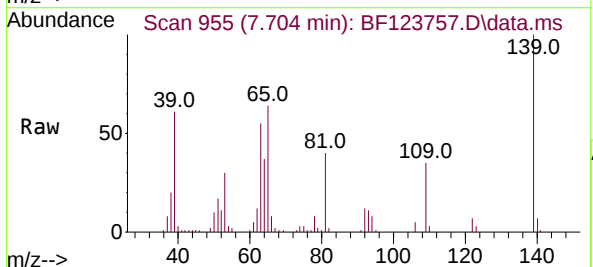
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

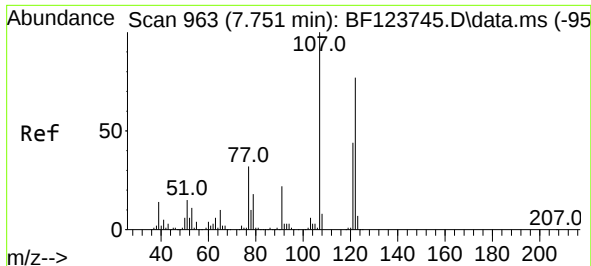
Tgt Ion: 82 Resp: 246402
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.6
138 14.1 11.8 17.8



#26
2-Nitrophenol
Concen: 7.82 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion: 139 Resp: 59292
Ion Ratio Lower Upper
139 100
109 34.8 28.6 43.0
65 64.1 56.8 85.2

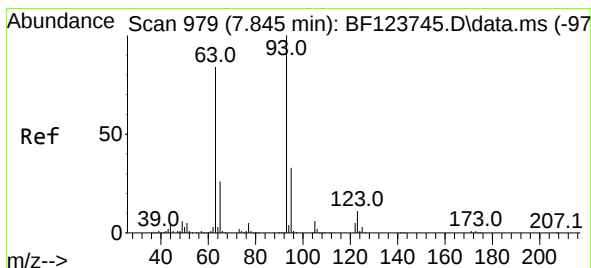
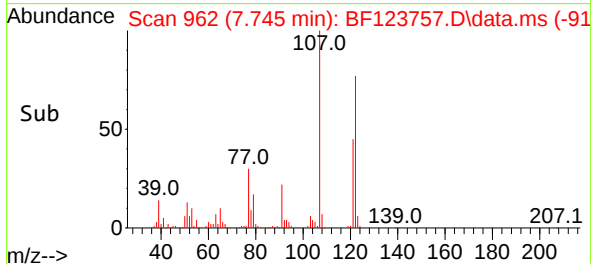
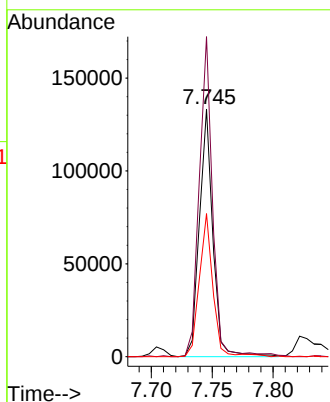
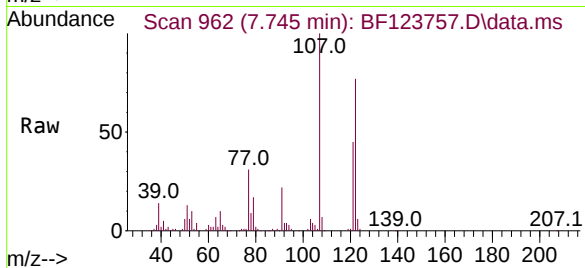




#27
2,4-Dimethylphenol
Concen: 8.65 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

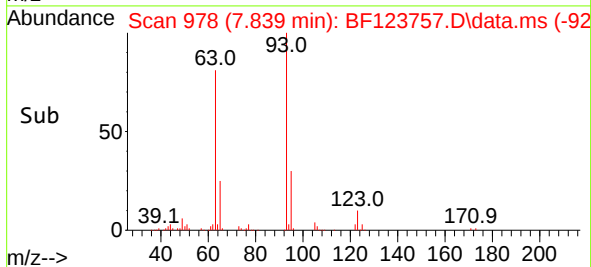
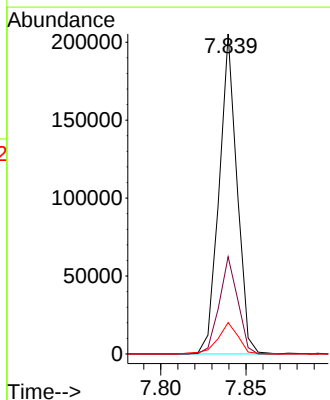
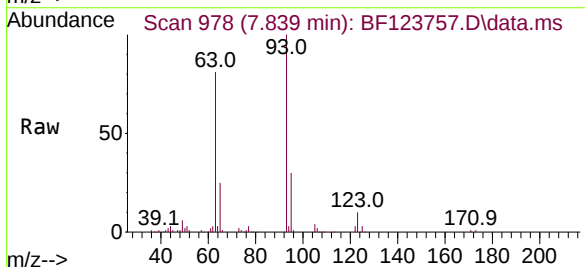
Instrument :
BNA_F
ClientSampleId :
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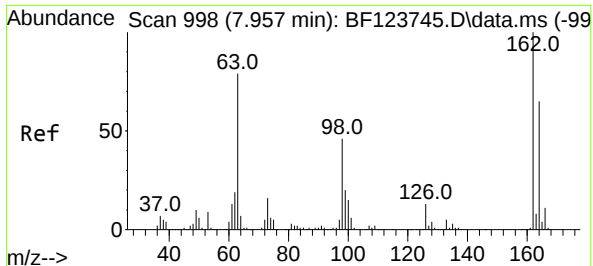
Tgt Ion:122 Resp: 103045
Ion Ratio Lower Upper
122 100
107 129.2 106.3 159.5
121 57.7 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 8.78 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion: 93 Resp: 149648
Ion Ratio Lower Upper
93 100
95 30.4 26.5 39.7
123 9.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 7.56 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

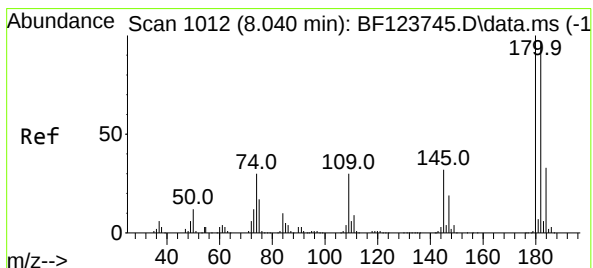
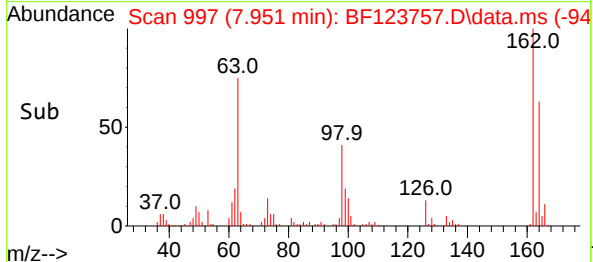
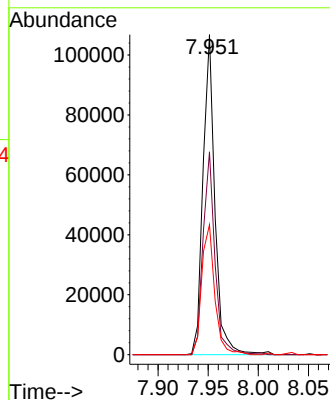
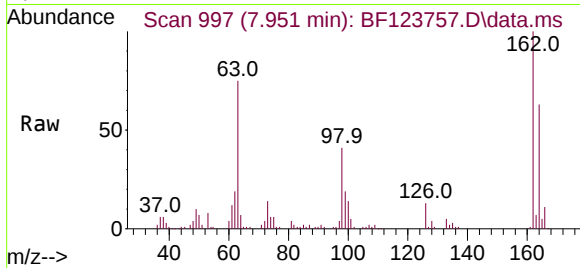
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:162	Resp:	88820	
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.1	84.1
98	40.6	27.3	67.3



#30

1,2,4-Trichlorobenzene

Concen: 8.21 ng

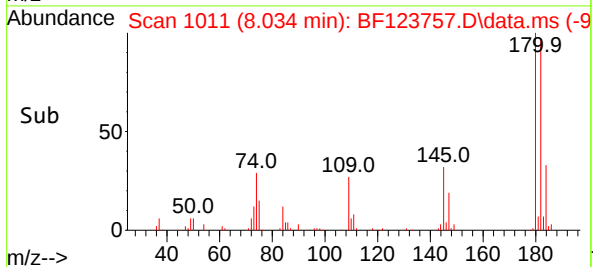
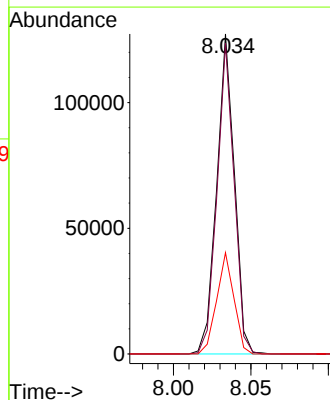
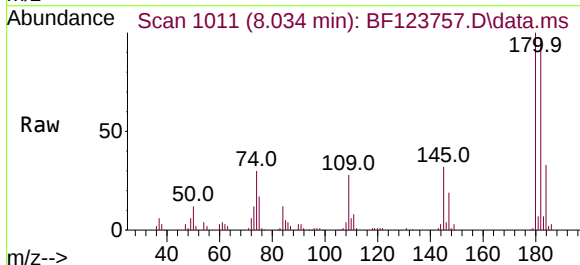
RT: 8.034 min Scan# 1011

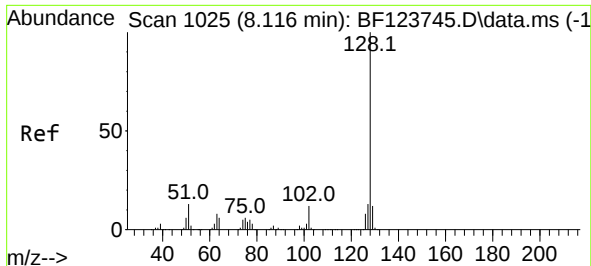
Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

Tgt Ion:180	Resp:	101007	
Ion Ratio	Lower	Upper	
180	100		
182	97.1	77.2	115.8
145	31.6	26.0	39.0

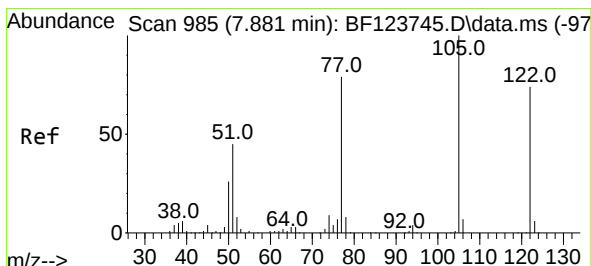
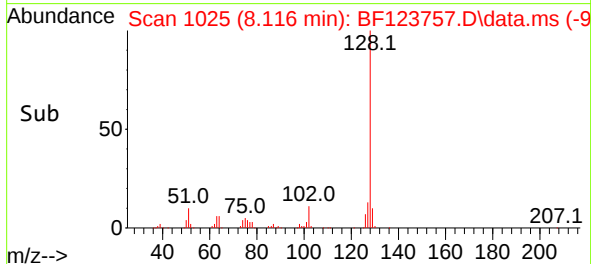
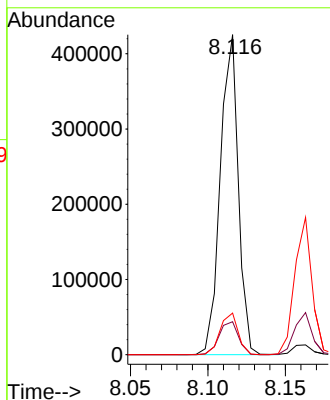
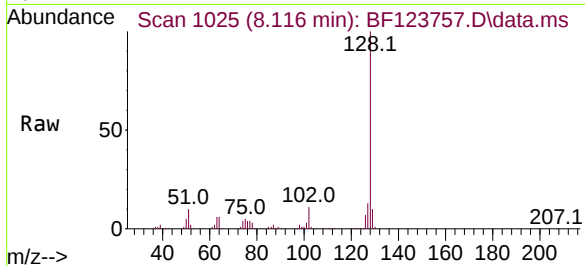




#31
Naphthalene
Concen: 8.29 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

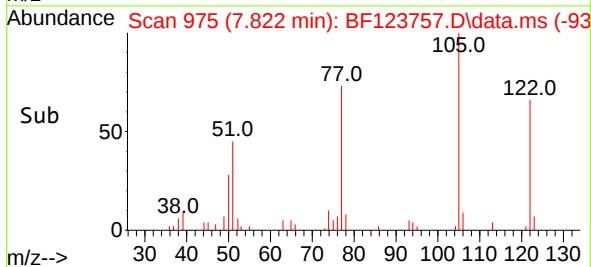
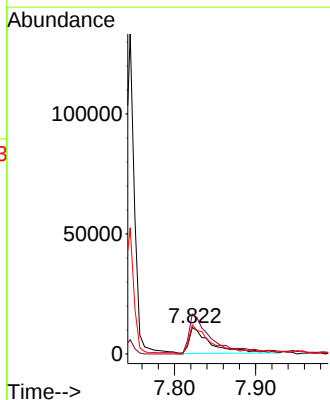
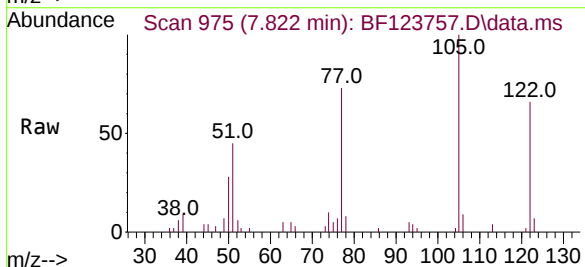
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

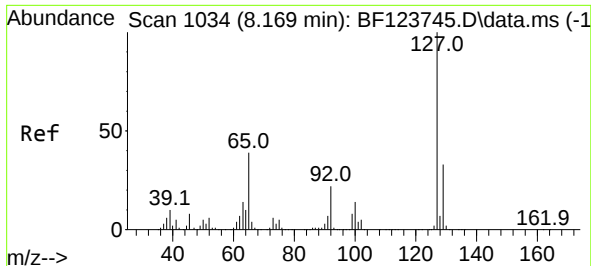
Tgt Ion:128 Resp: 343865
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 2.68 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.059 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:122 Resp: 20116
Ion Ratio Lower Upper
122 100
105 150.5 107.8 147.8#
77 109.9 81.6 121.6

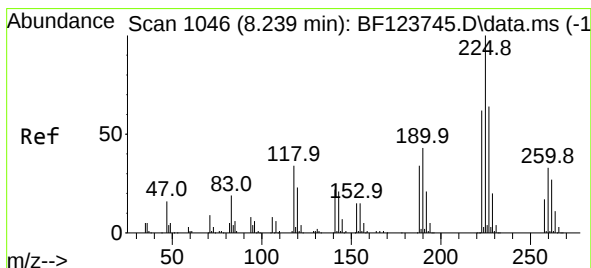
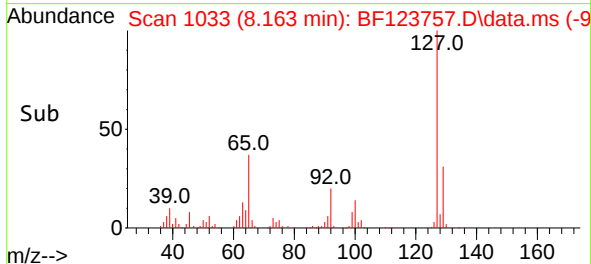
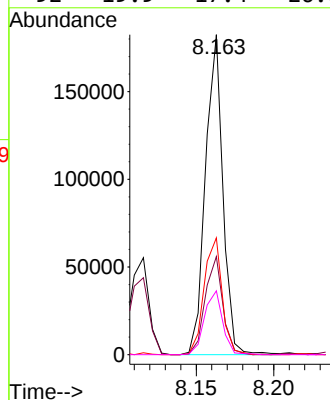
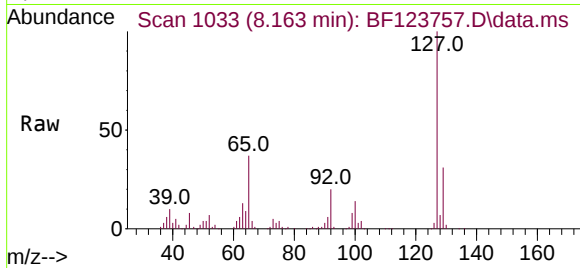




#33
4-Chloroaniline
Concen: 8.27 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

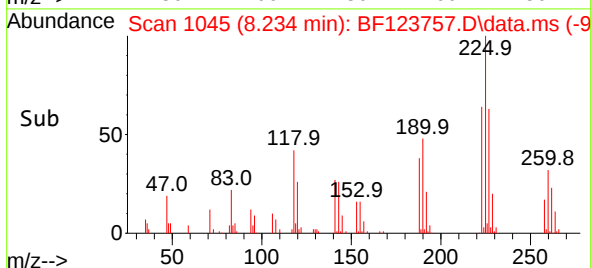
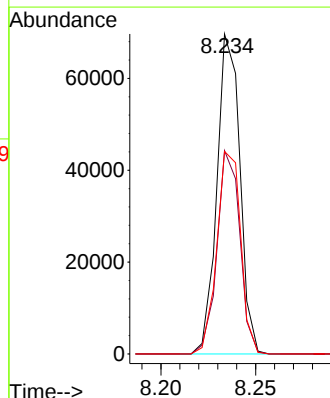
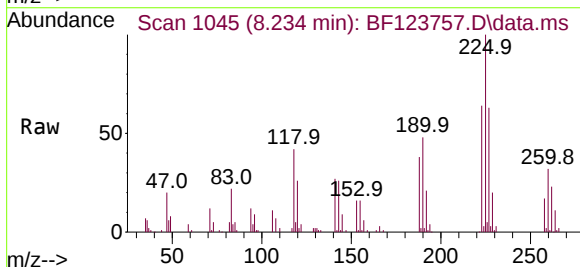
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

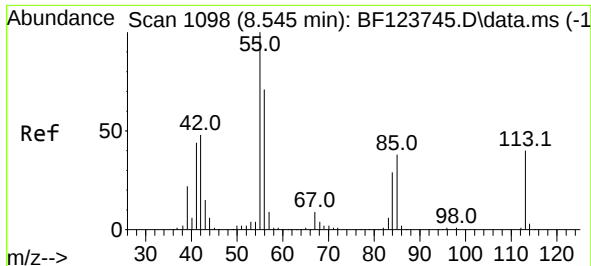
Tgt Ion:	127	Resp:	143075
Ion Ratio	Lower	Upper	
127	100		
129	30.7	25.7	38.5
65	36.5	34.5	51.7
92	19.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 7.83 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:	225	Resp:	58725
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.4	75.6
227	63.3	51.4	77.0

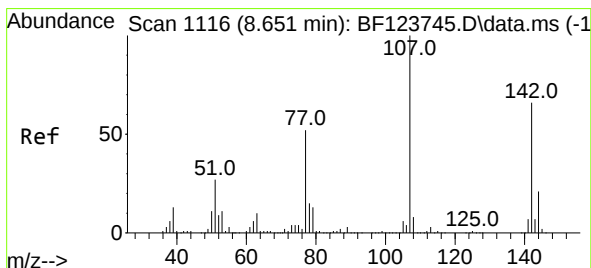
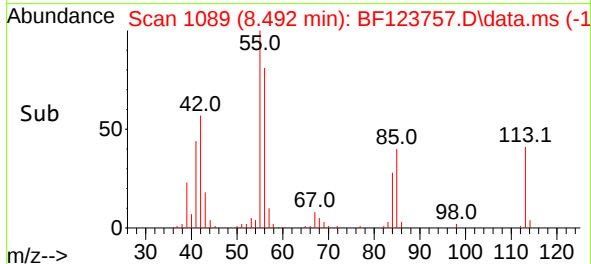
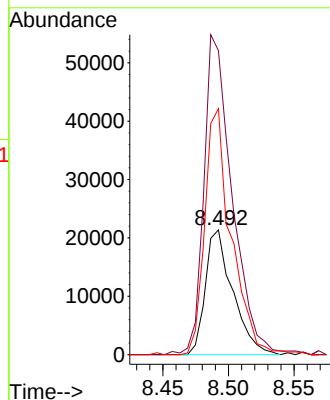
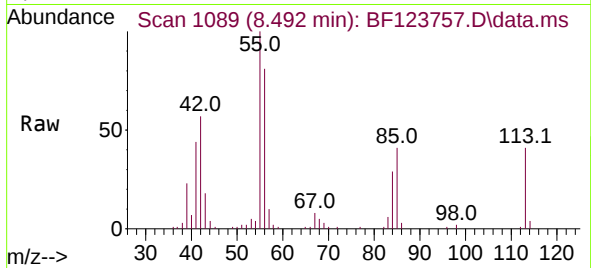




#35
Caprolactam
Concen: 7.53 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.053 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

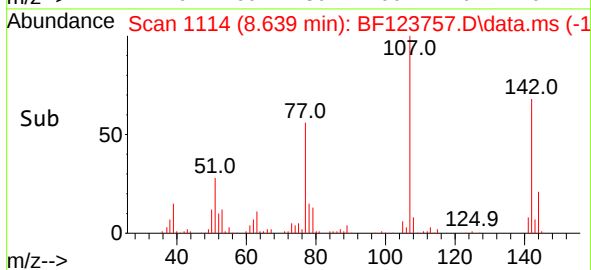
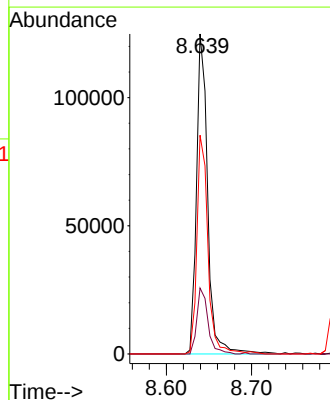
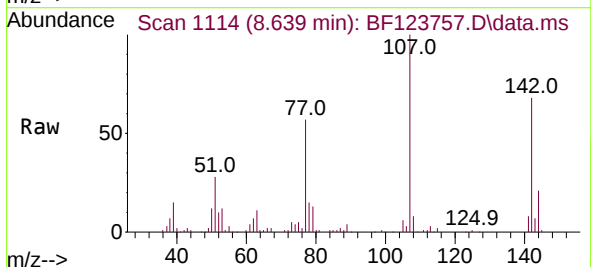
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

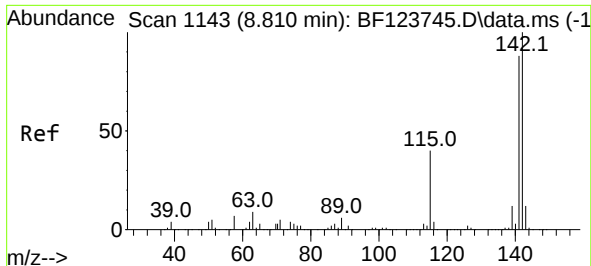
Tgt Ion:113 Resp: 31034
Ion Ratio Lower Upper
113 100
55 243.6 254.9 294.9#
56 197.2 179.4 219.4



#36
4-Chloro-3-methylphenol
Concen: 7.76 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:107 Resp: 113720
Ion Ratio Lower Upper
107 100
144 20.6 16.3 24.5
142 68.4 50.1 75.1

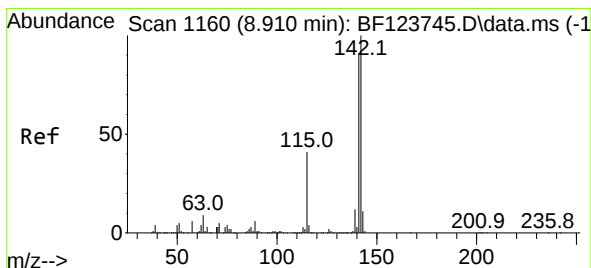
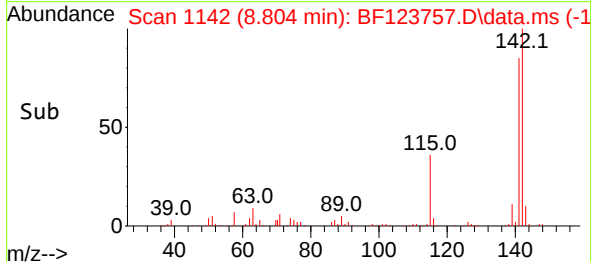
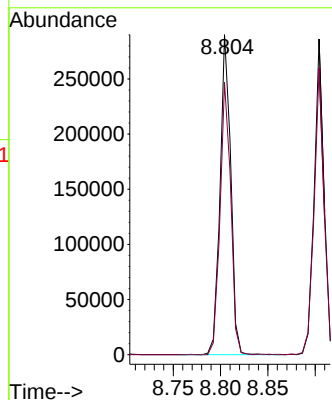
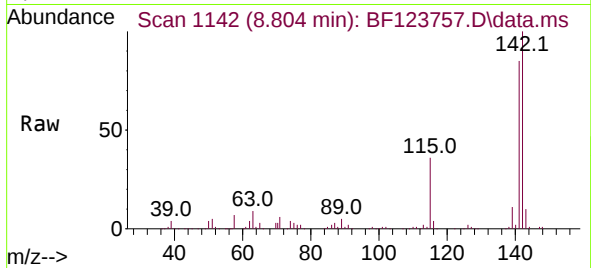




#37
2-Methylnaphthalene
Concen: 8.45 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

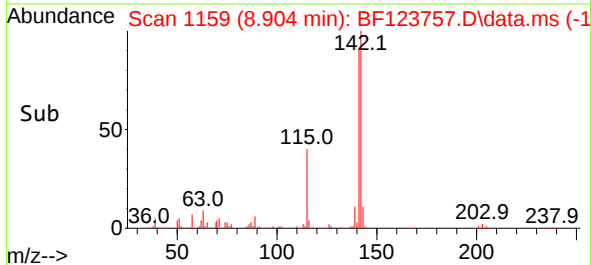
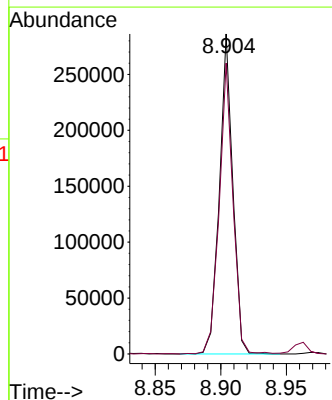
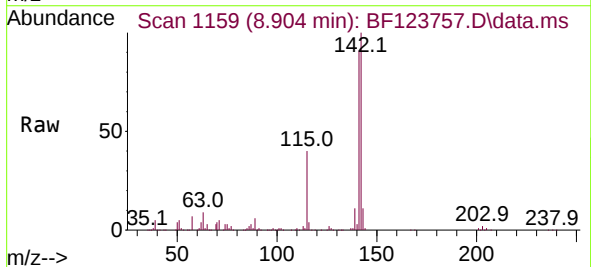
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

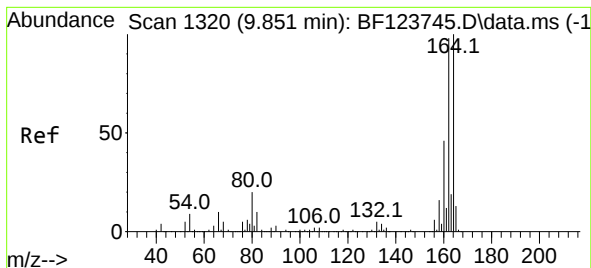
Tgt Ion:142 Resp: 228477
Ion Ratio Lower Upper
142 100
141 85.1 71.8 107.6



#38
1-Methylnaphthalene
Concen: 8.00 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:142 Resp: 203170
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

Instrument :

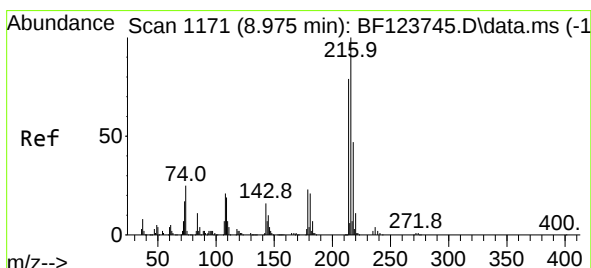
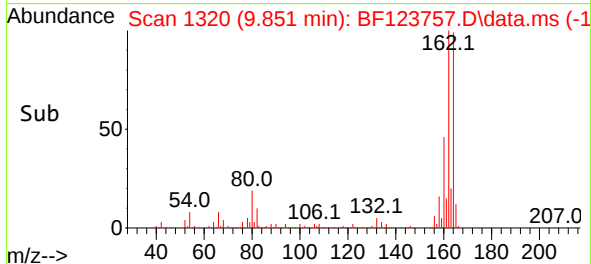
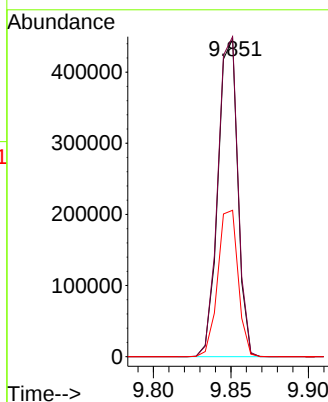
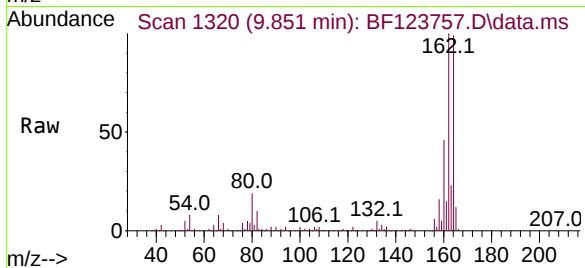
BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021

Tgt Ion:164 Resp: 396756

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.7	121.1
160	46.1	37.3	55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.58 ng

RT: 8.969 min Scan# 1170

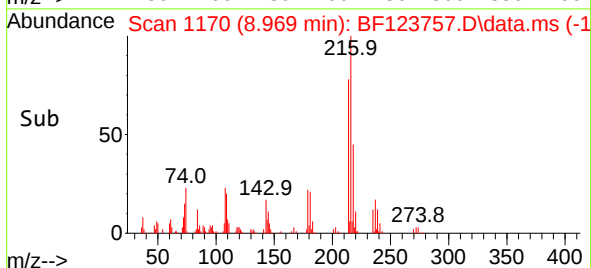
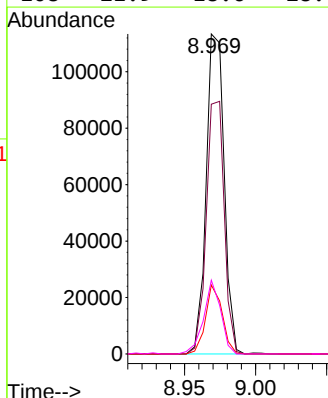
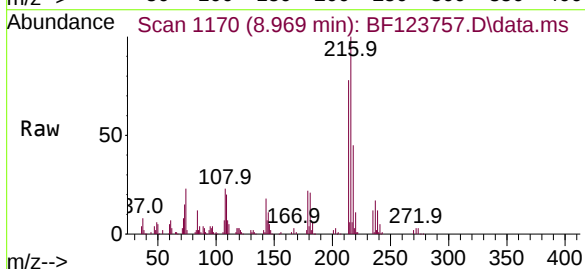
Delta R.T. -0.006 min

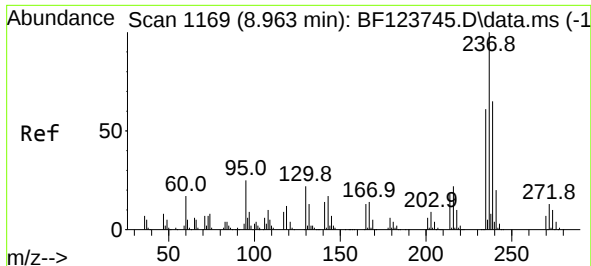
Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

Tgt Ion:216 Resp: 100169

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.8
179	20.0	17.9	26.9
108	21.9	18.6	28.0

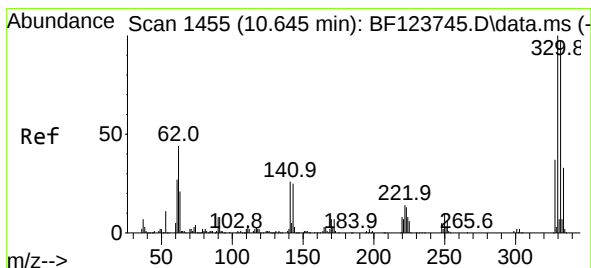
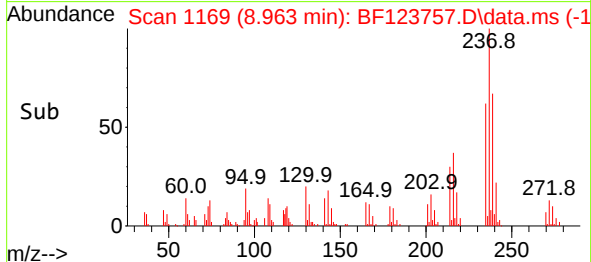
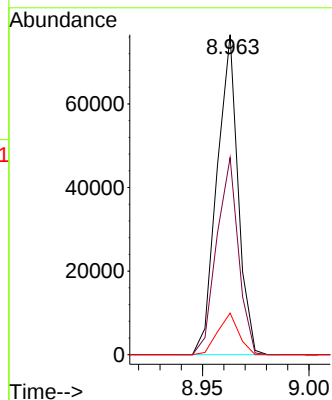
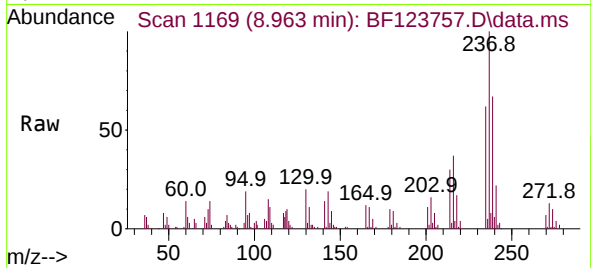




#41
Hexachlorocyclopentadiene
Concen: 11.36 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

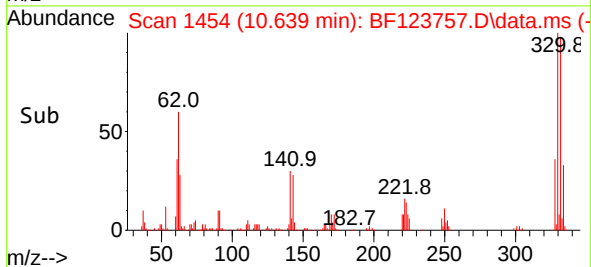
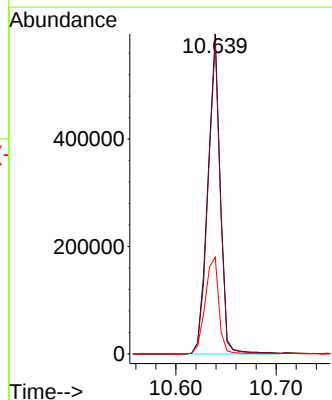
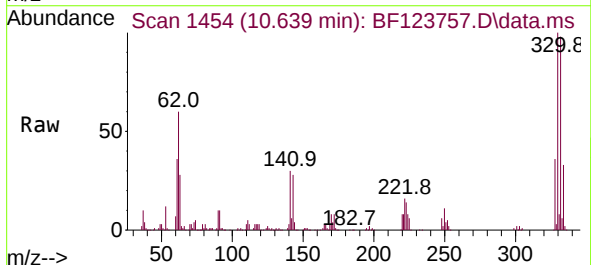
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

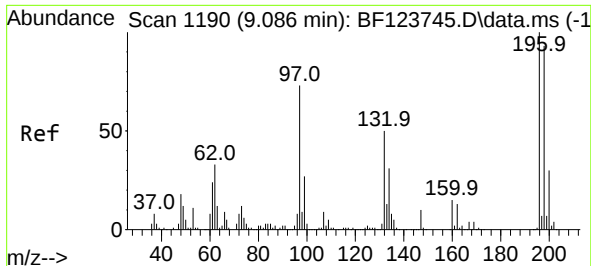
Tgt Ion:237 Resp: 52608
Ion Ratio Lower Upper
237 100
235 61.6 38.8 78.8
272 13.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 104.57 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:330 Resp: 516499
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 33.2 27.9 41.9

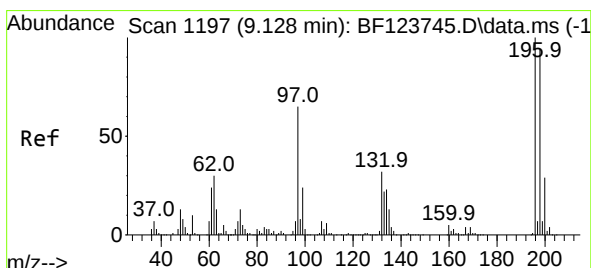
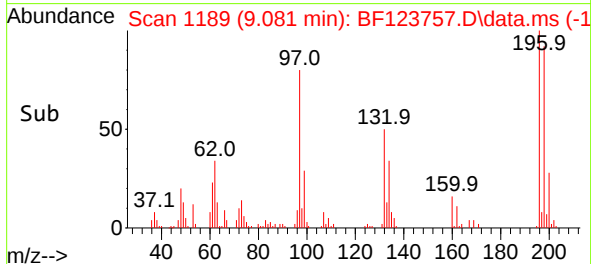
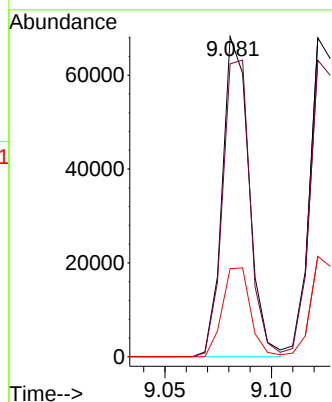
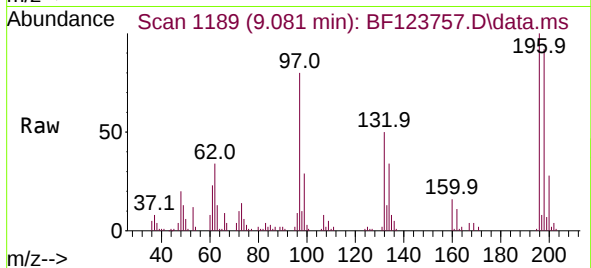




#43
2,4,6-Trichlorophenol
Concen: 7.38 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

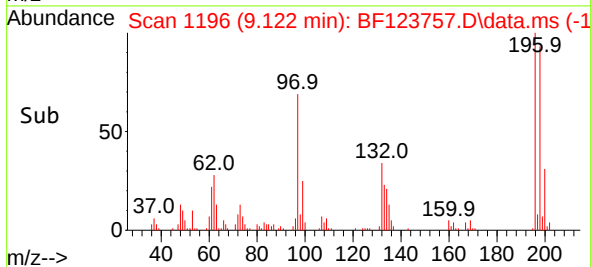
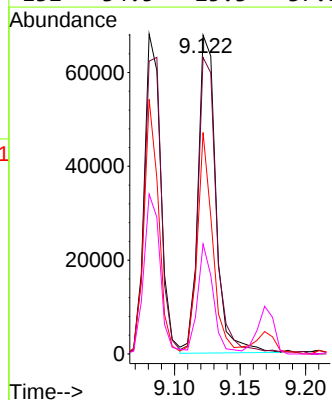
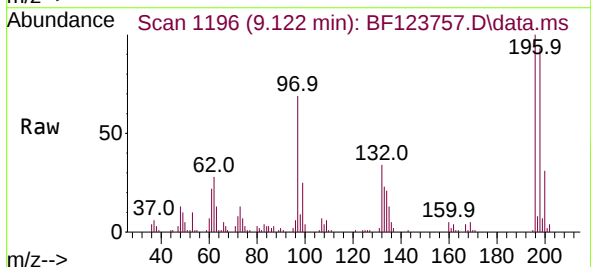
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

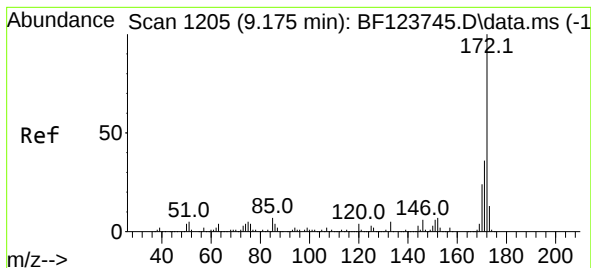
Tgt Ion:196 Resp: 59345
Ion Ratio Lower Upper
196 100
198 91.5 78.2 117.2
200 27.5 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 7.50 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:196 Resp: 64711
Ion Ratio Lower Upper
196 100
198 93.0 76.5 114.7
97 69.5 52.9 79.3
132 34.5 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 72.11 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

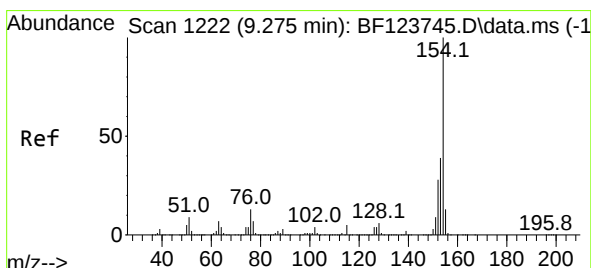
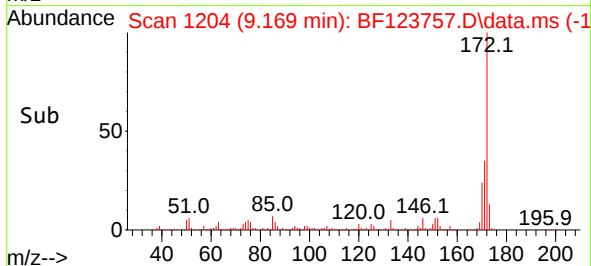
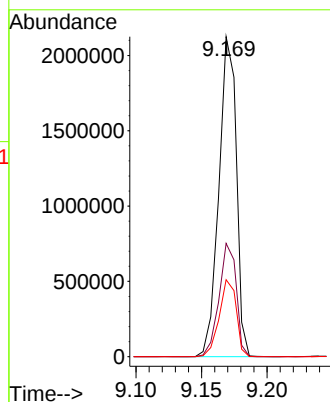
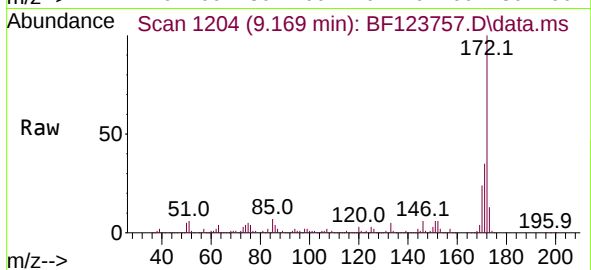
Tgt Ion:172 Resp: 1964497

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 24.0 19.2 28.8



#46

1,1'-Biphenyl

Concen: 8.61 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

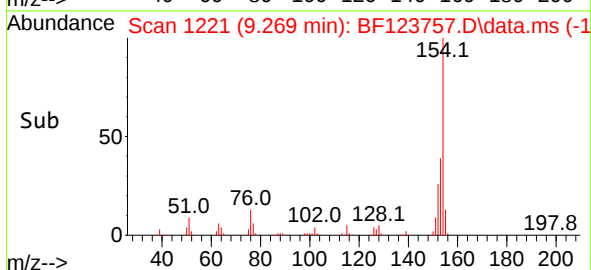
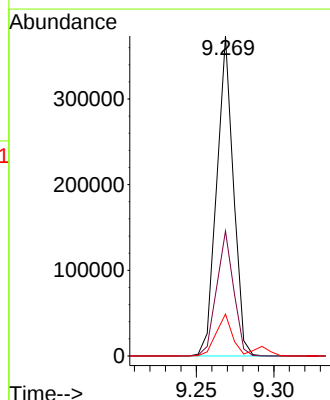
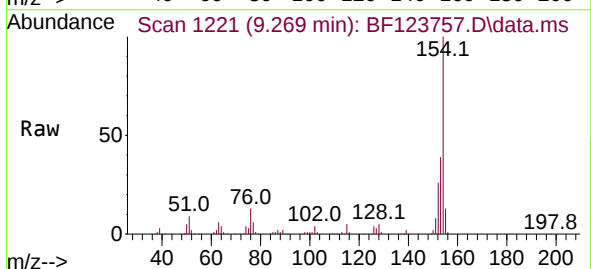
Tgt Ion:154 Resp: 279772

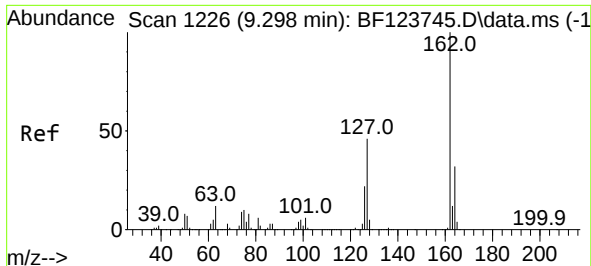
Ion Ratio Lower Upper

154 100

153 39.0 20.7 60.7

76 13.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 8.20 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

Tgt Ion:162 Resp: 200949

Ion Ratio Lower Upper

162 100

127 47.5 36.2 54.2

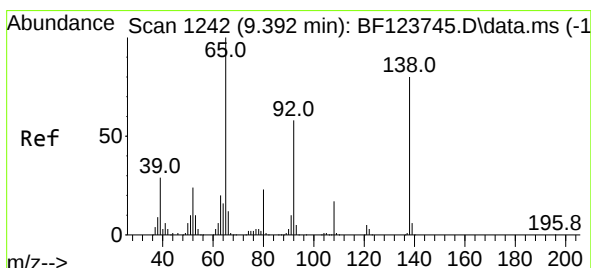
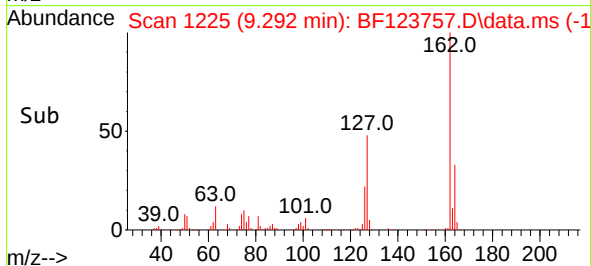
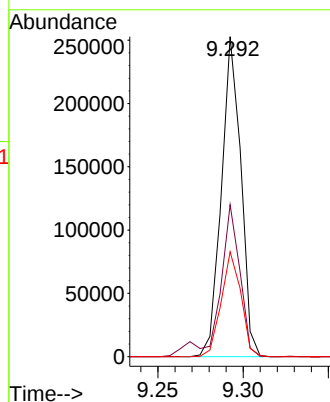
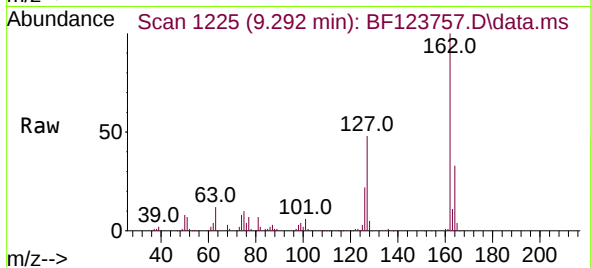
164 32.8 25.4 38.2

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#48

2-Nitroaniline

Concen: 7.41 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

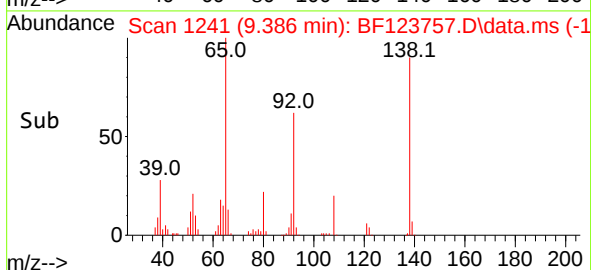
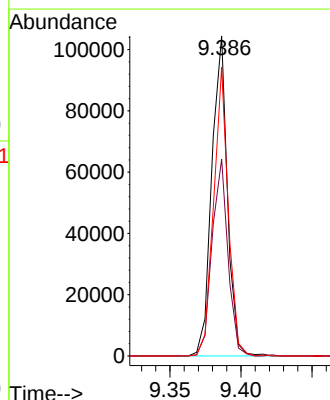
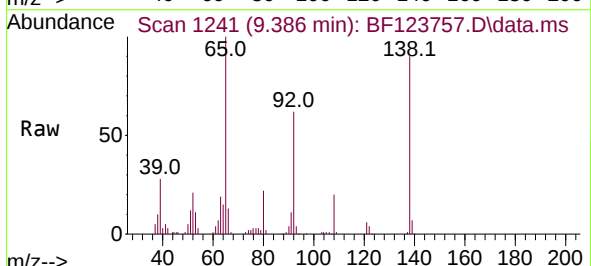
Tgt Ion: 65 Resp: 79953

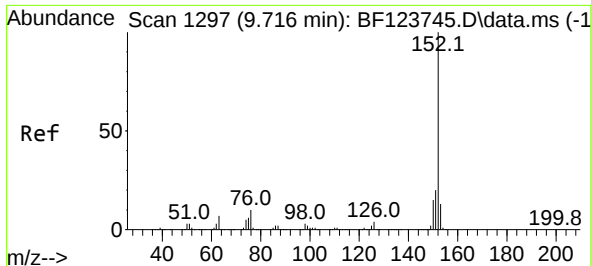
Ion Ratio Lower Upper

65 100

92 61.6 47.1 70.7

138 90.2 70.2 105.2





#49

Acenaphthylene

Concen: 8.45 ng

RT: 9.710 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021

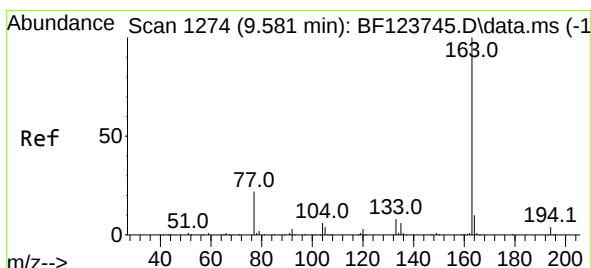
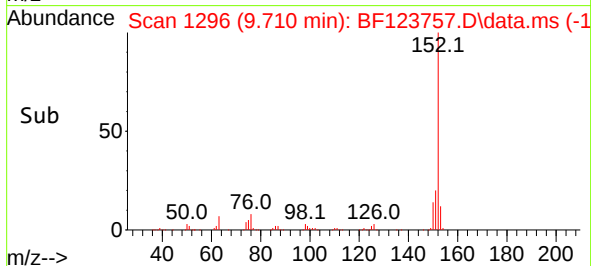
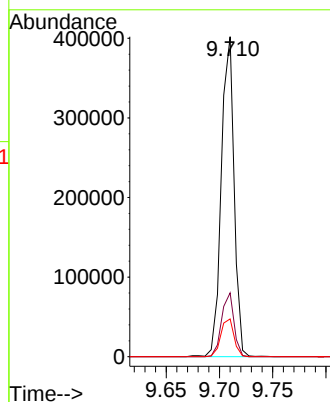
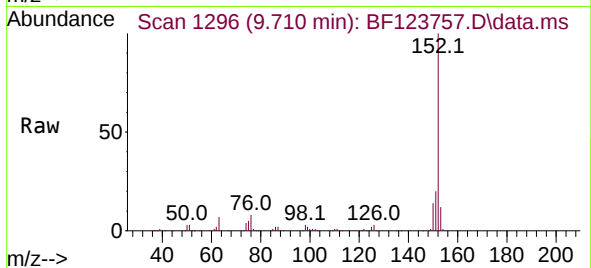
Tgt Ion:152 Resp: 334465

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 11.8 10.4 15.6



#50

Dimethylphthalate

Concen: 8.35 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.018 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

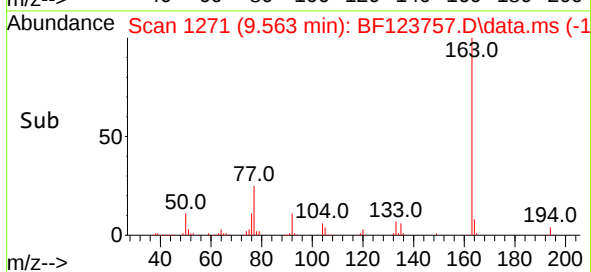
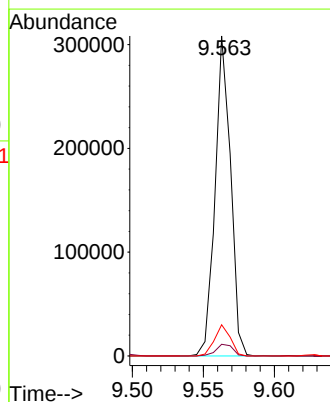
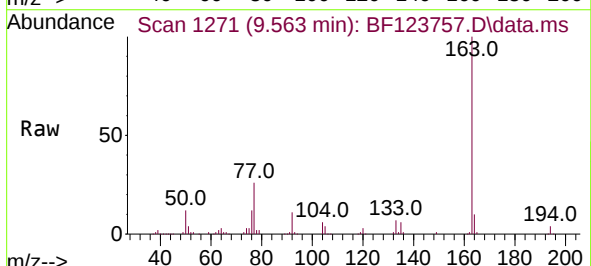
Tgt Ion:163 Resp: 233252

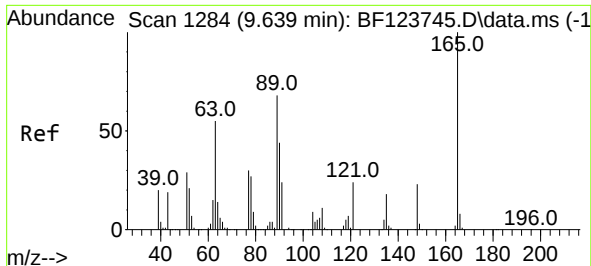
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 9.7 8.2 12.2

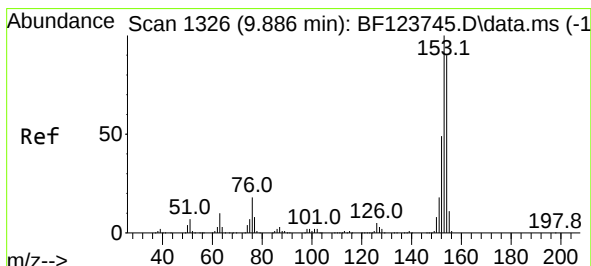
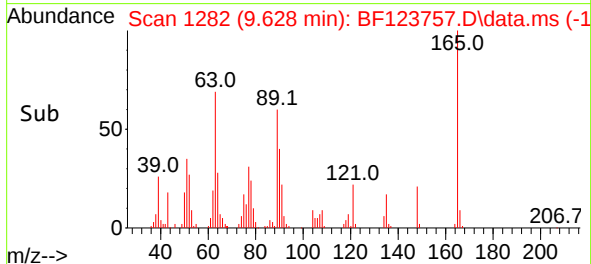
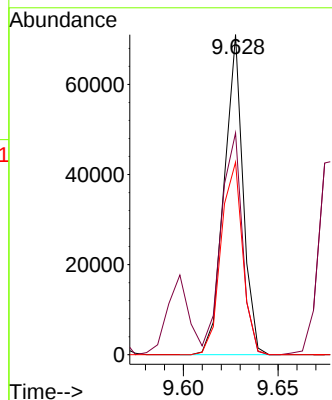
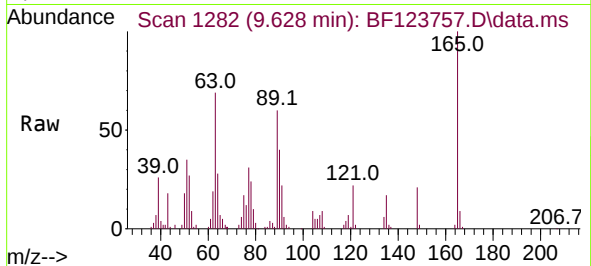




#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

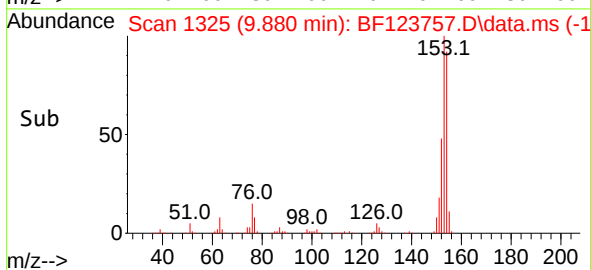
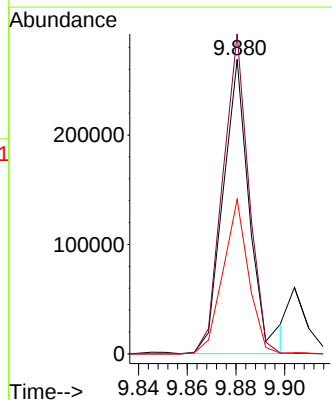
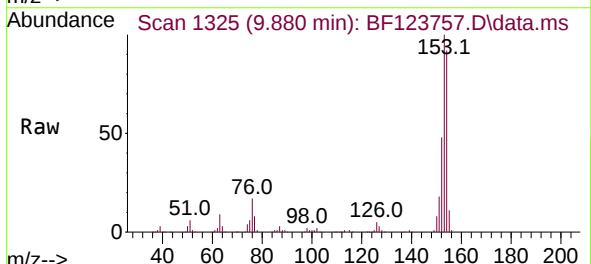
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

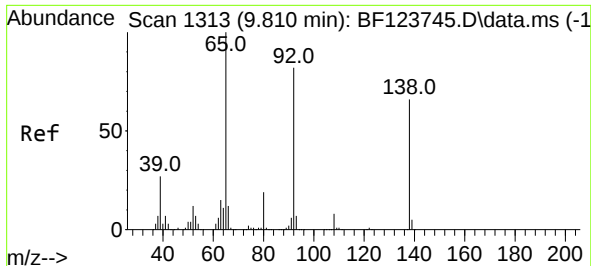
Tgt Ion:165 Resp: 49447
Ion Ratio Lower Upper
165 100
63 69.3 67.7 101.5
89 60.2 58.8 88.2



#52
Acenaphthene
Concen: 8.49 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:154 Resp: 204652
Ion Ratio Lower Upper
154 100
153 108.7 88.1 132.1
152 52.5 43.4 65.0

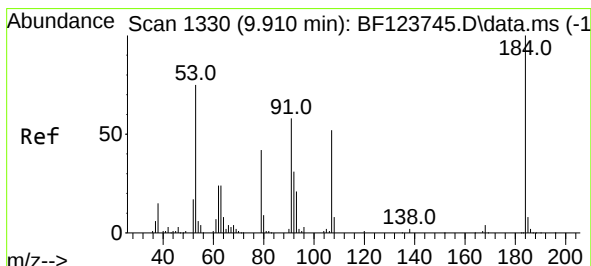
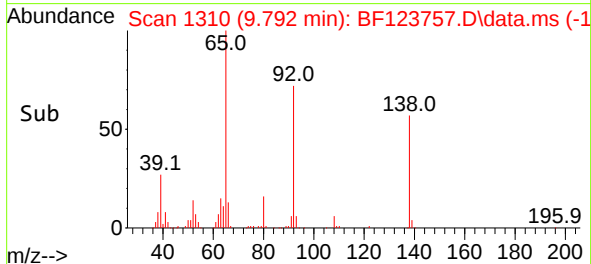
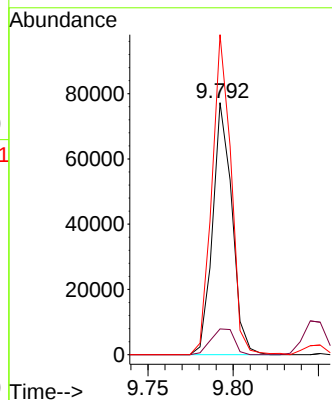
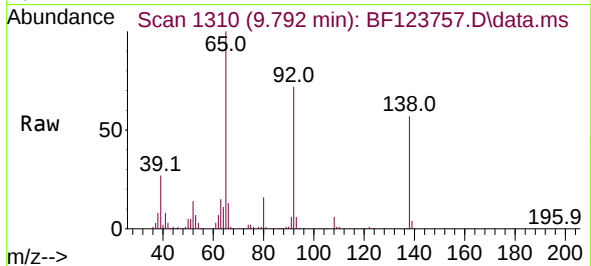




#53
3-Nitroaniline
Concen: 7.89 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

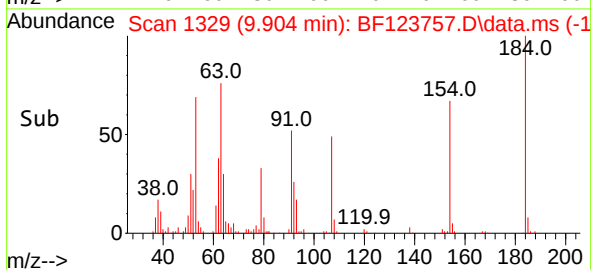
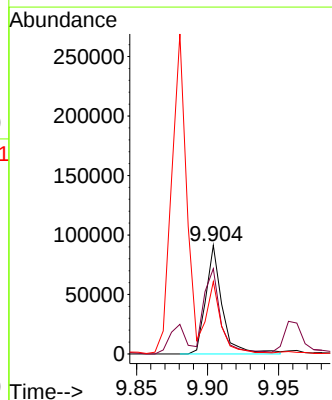
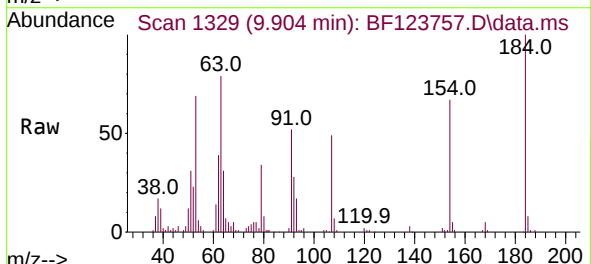
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

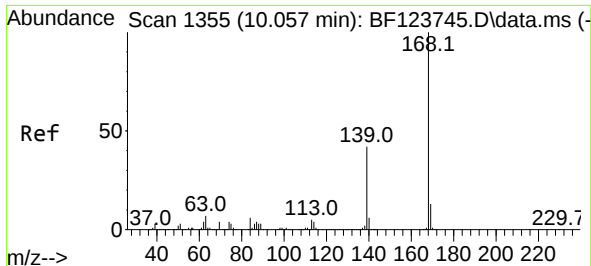
Tgt Ion:138 Resp: 60850
Ion Ratio Lower Upper
138 100
108 10.2 10.2 15.4#
92 127.0 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 21.35 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:184 Resp: 73249
Ion Ratio Lower Upper
184 100
63 78.6 73.5 110.3
154 66.5 52.5 78.7

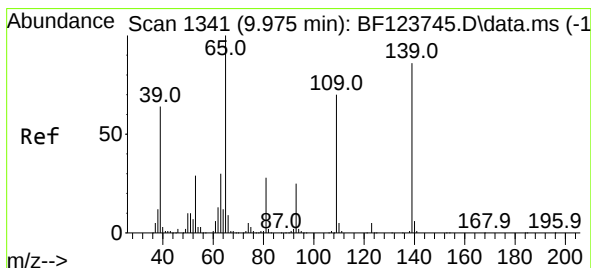
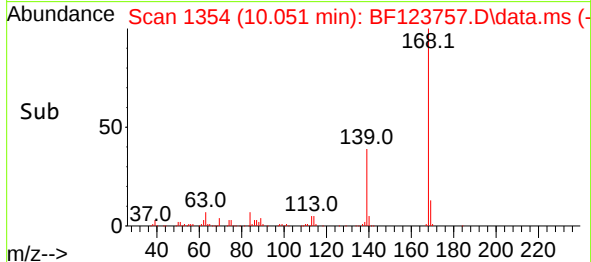
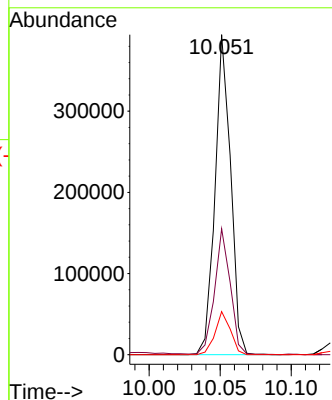
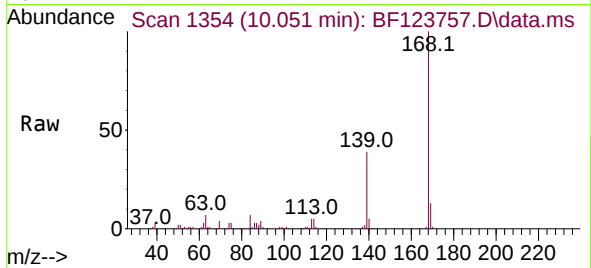




#55
Dibenzenofuran
Concen: 8.24 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

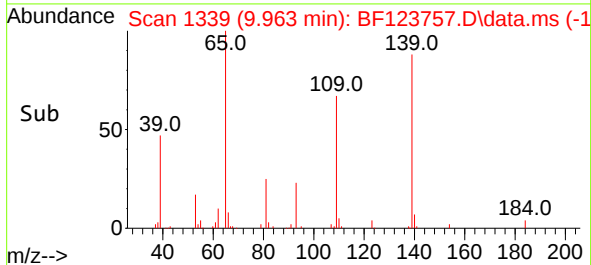
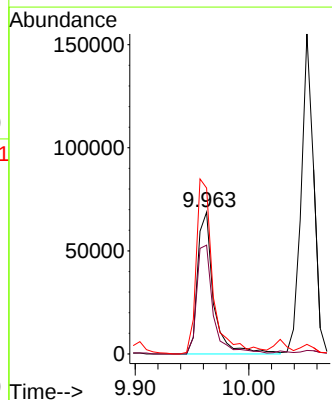
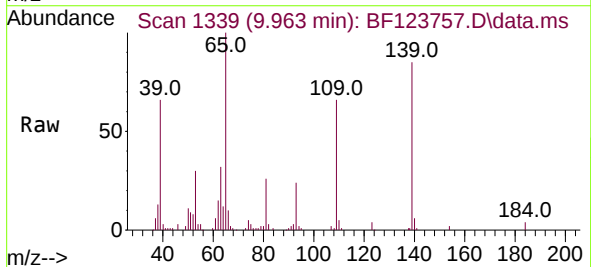
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

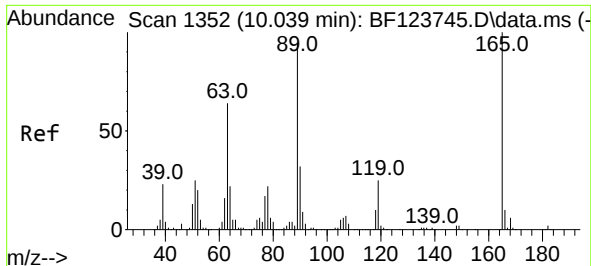
Tgt Ion:168 Resp: 300307
Ion Ratio Lower Upper
168 100
139 39.4 33.2 49.8
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 12.01 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:139 Resp: 67502
Ion Ratio Lower Upper
139 100
109 76.8 63.2 103.2
65 117.1 110.0 150.0

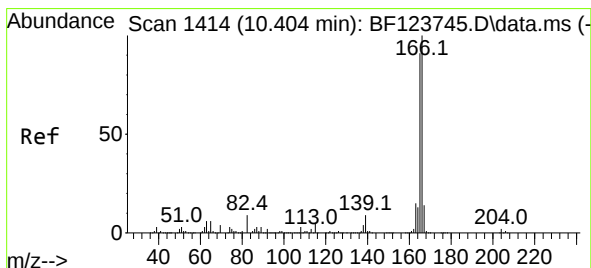
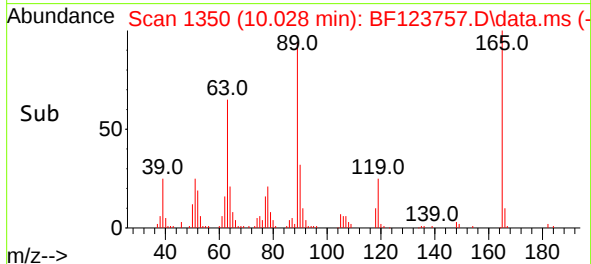
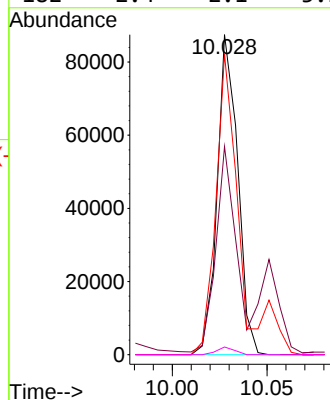
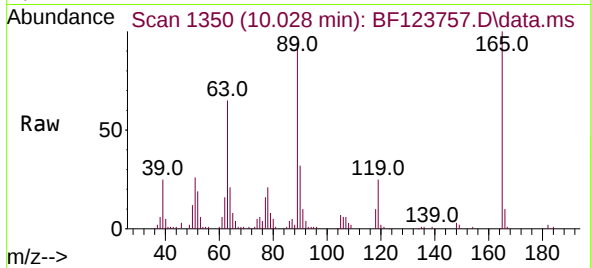




#57
2,4-Dinitrotoluene
Concen: 7.50 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

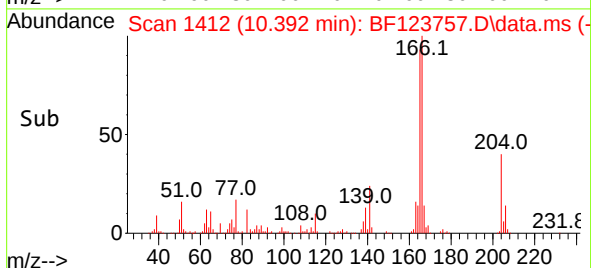
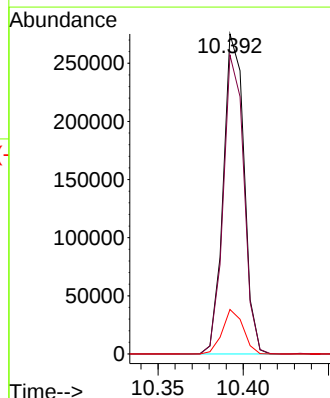
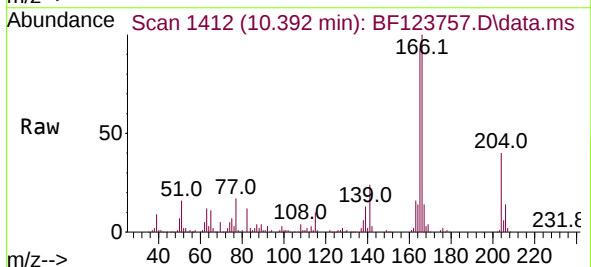
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

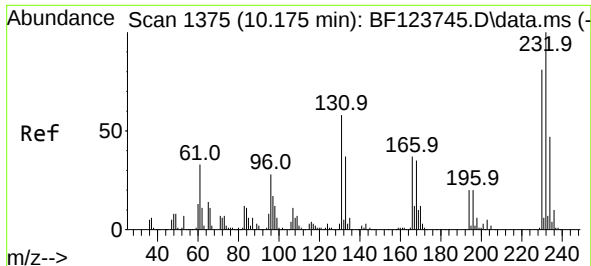
Tgt Ion:165	Resp:	66039
Ion Ratio	Lower	Upper
165	100	
63	65.1	43.5 65.3
89	93.9	67.7 101.5
182	2.4	2.1 3.1



#58
Fluorene
Concen: 8.31 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:166	Resp:	232808
Ion Ratio	Lower	Upper
166	100	
165	93.4	73.5 110.3
167	13.9	10.7 16.1

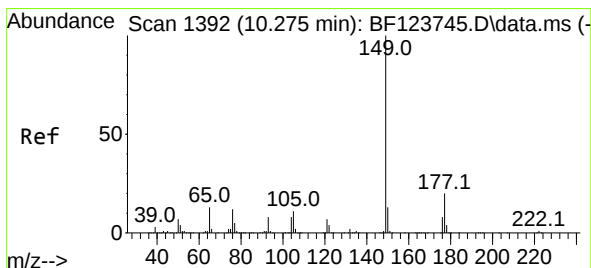
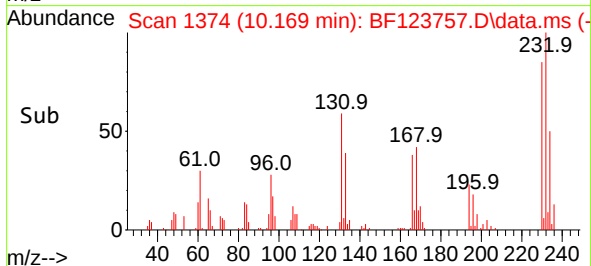
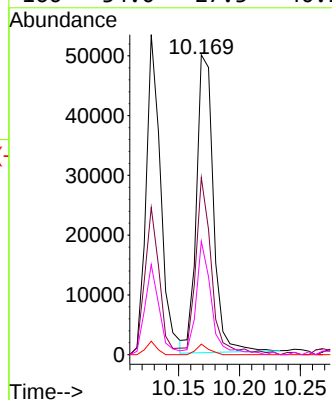
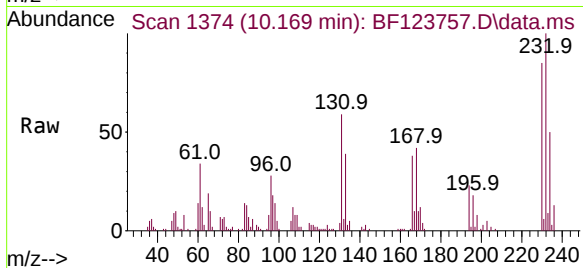




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.09 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

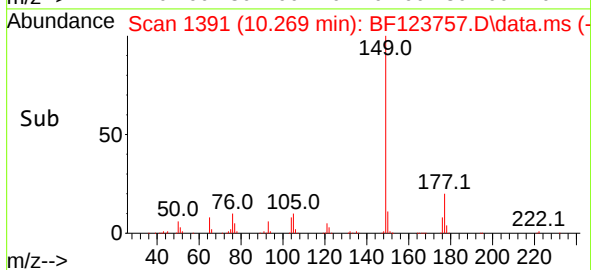
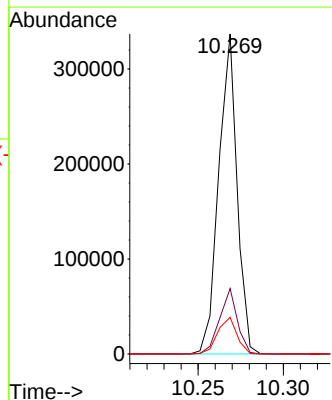
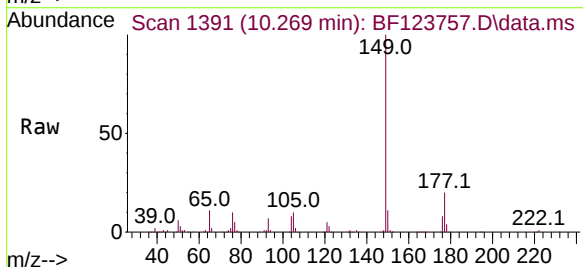
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

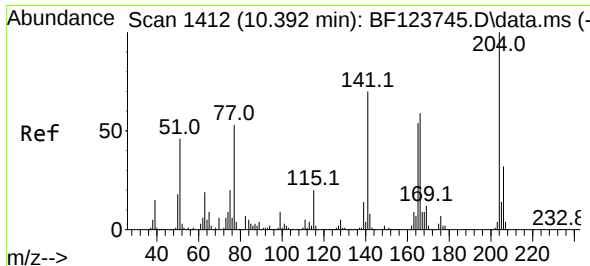
Tgt Ion:232 Resp: 48415
Ion Ratio Lower Upper
232 100
131 56.4 43.2 64.8
130 2.7 2.2 3.2
166 34.0 27.3 40.9



#60
Diethylphthalate
Concen: 8.48 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:149 Resp: 252237
Ion Ratio Lower Upper
149 100
177 20.4 15.4 23.2
150 11.4 9.9 14.9

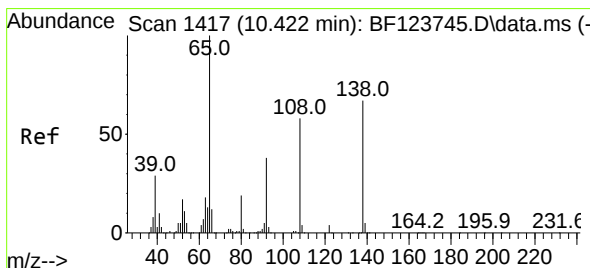
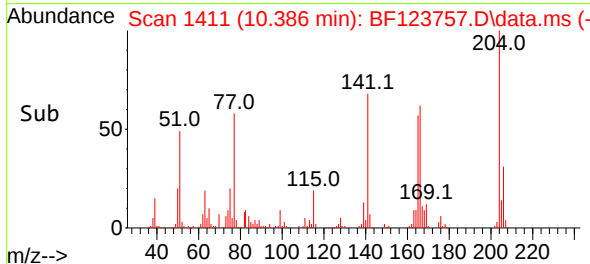
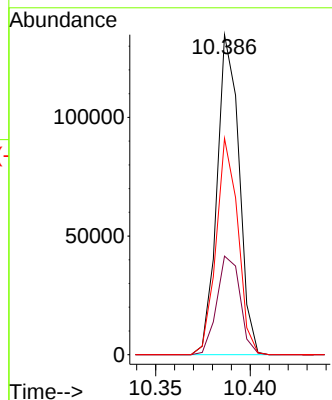
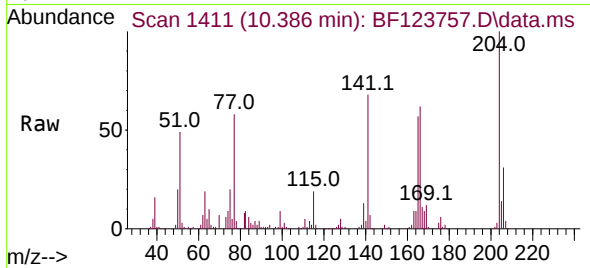




#61
4-Chlorophenyl-phenylether
Concen: 8.38 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

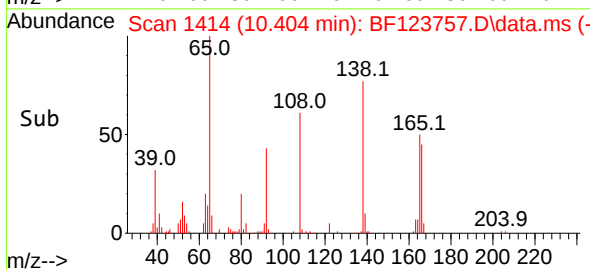
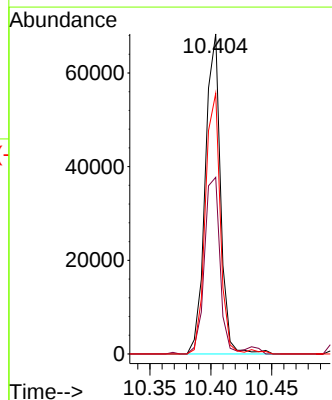
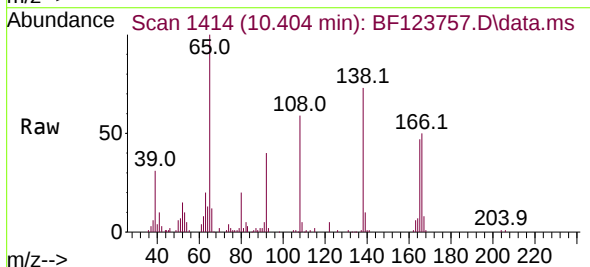
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

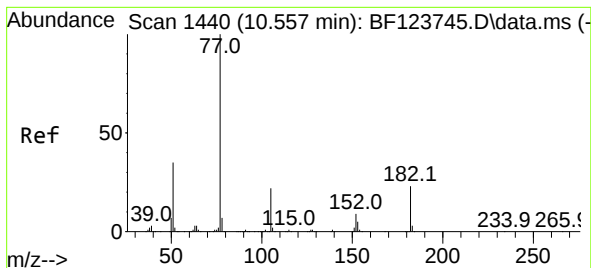
Tgt Ion:204 Resp: 109453
Ion Ratio Lower Upper
204 100
206 30.8 25.7 38.5
141 67.6 55.5 83.3



#62
4-Nitroaniline
Concen: 7.80 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.018 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:138 Resp: 59626
Ion Ratio Lower Upper
138 100
92 55.2 35.8 75.8
108 81.4 63.6 103.6

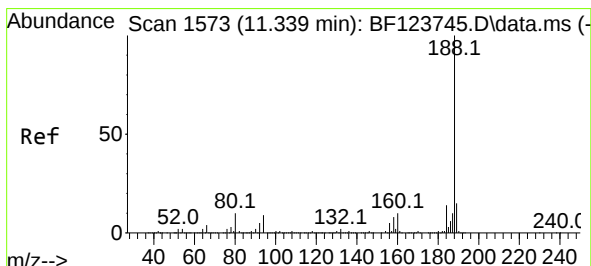
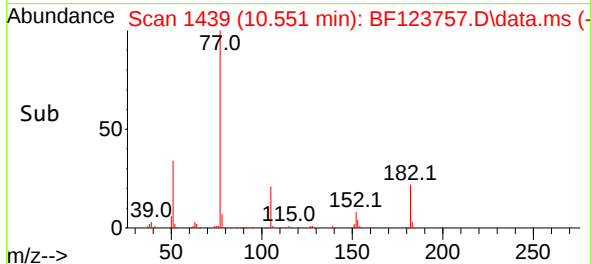
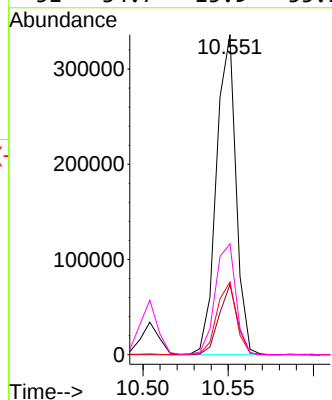
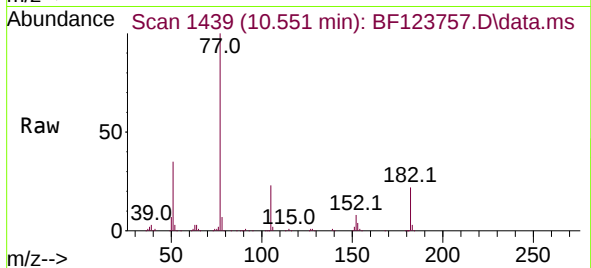




#63
Azobenzene
Concen: 7.88 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

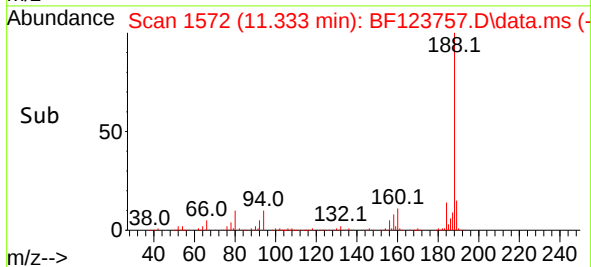
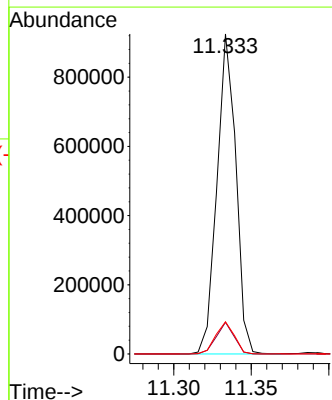
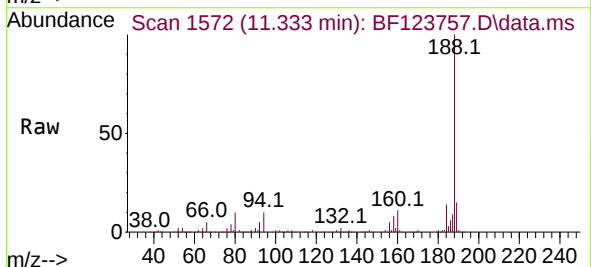
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

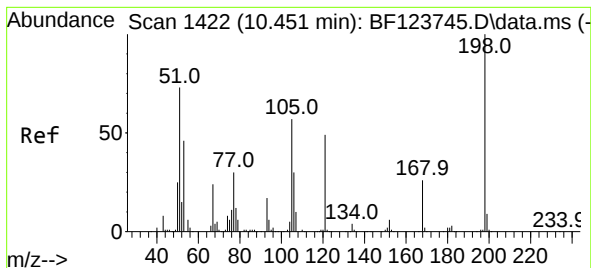
Tgt Ion: 77	Resp: 269279
Ion Ratio	Lower Upper
77 100	
182 21.9	1.7 41.7
105 22.8	1.7 41.7
51 34.7	15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:188	Resp: 783454
Ion Ratio	Lower Upper
188 100	
94 9.9	6.9 10.3
80 10.1	8.2 12.2

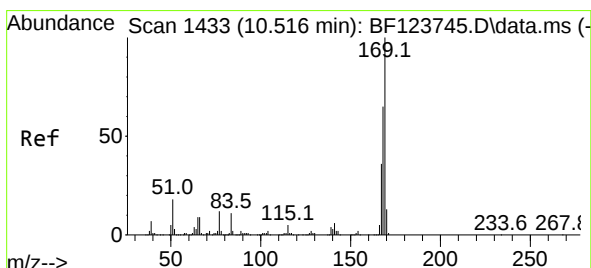
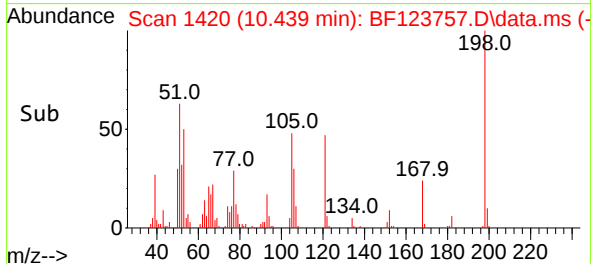
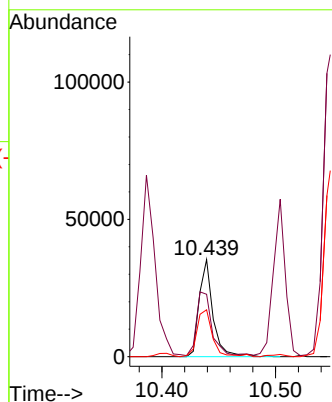
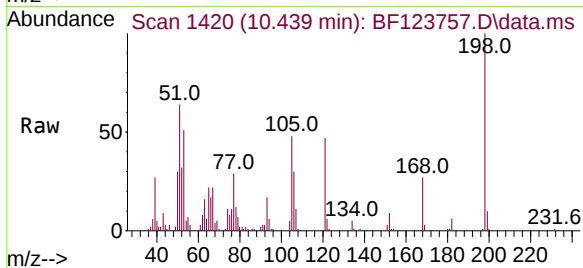




#65
4,6-Dinitro-2-methylphenol
Concen: 6.13 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

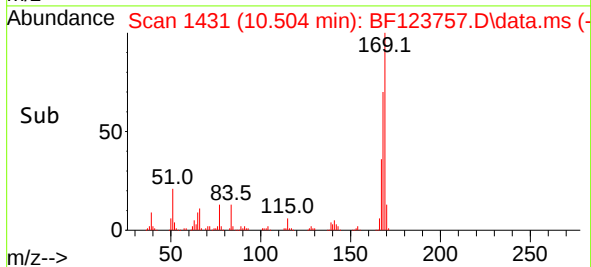
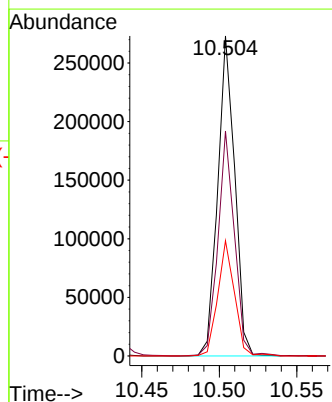
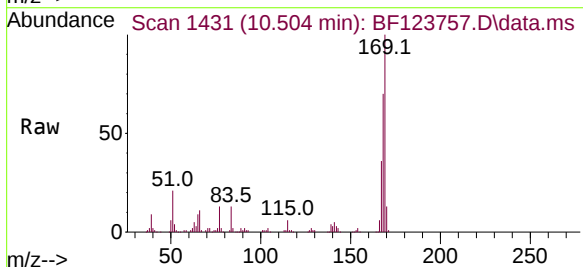
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

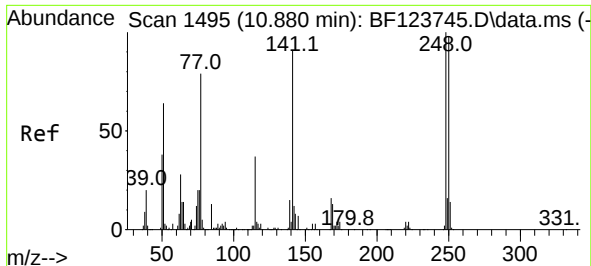
Tgt Ion:198 Resp: 29768
Ion Ratio Lower Upper
198 100
51 64.2 64.8 104.8#
105 48.3 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 8.13 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:169 Resp: 208340
Ion Ratio Lower Upper
169 100
168 70.3 53.3 79.9
167 36.0 29.9 44.9

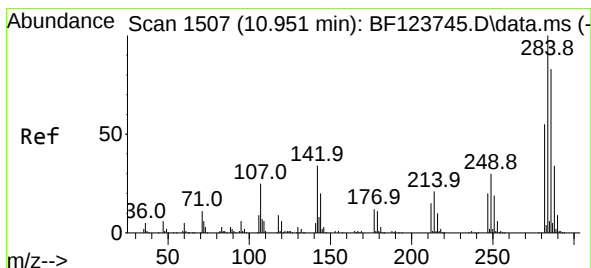
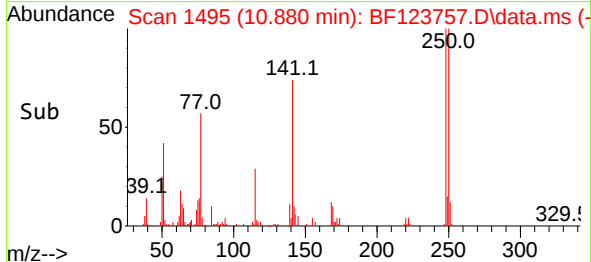
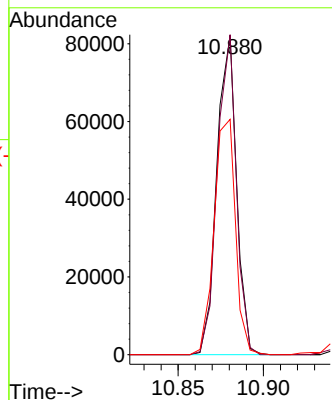
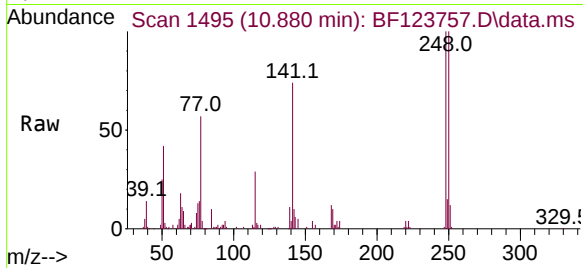




#67
4-Bromophenyl-phenylether
Concen: 8.00 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

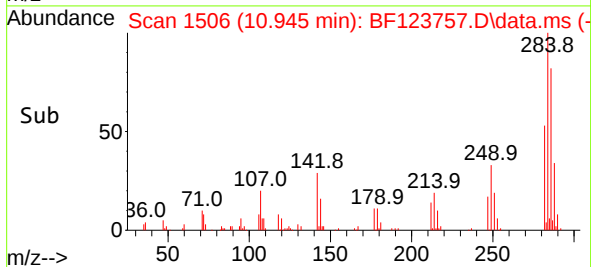
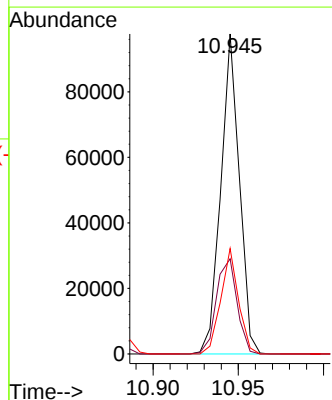
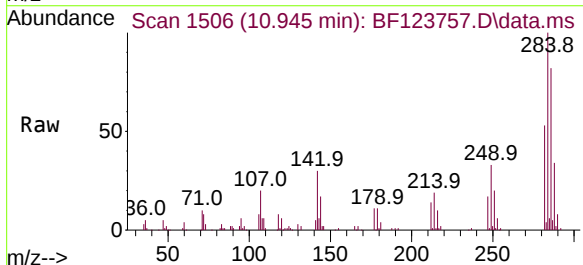
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

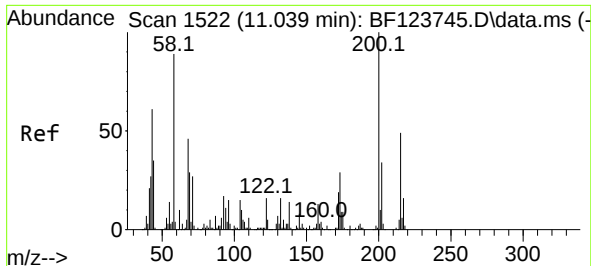
Tgt Ion:	248	Resp:	65998
Ion Ratio	Lower	Upper	
248	100		
250	100.2	77.4	116.2
141	73.7	63.7	95.5



#68
Hexachlorobenzene
Concen: 7.89 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:	284	Resp:	74088
Ion Ratio	Lower	Upper	
284	100		
142	29.7	28.3	42.5
249	32.9	23.5	35.3

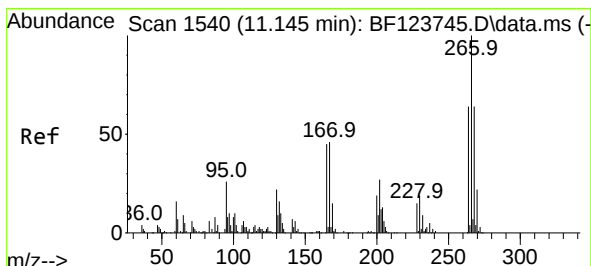
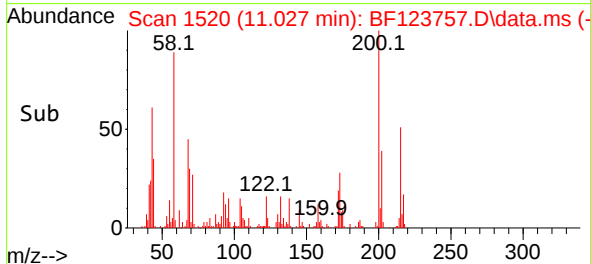
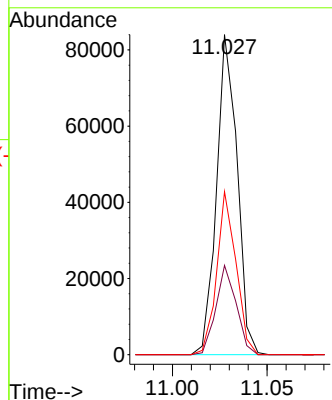
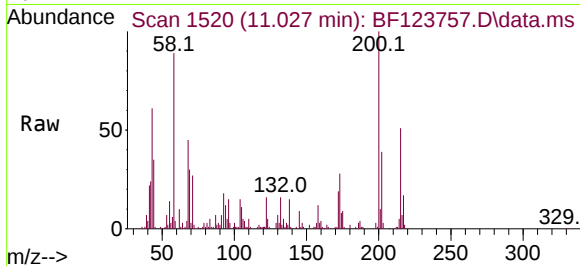




#69
Atrazine
Concen: 8.20 ng
RT: 11.027 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

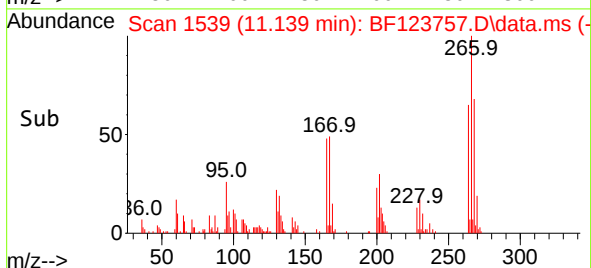
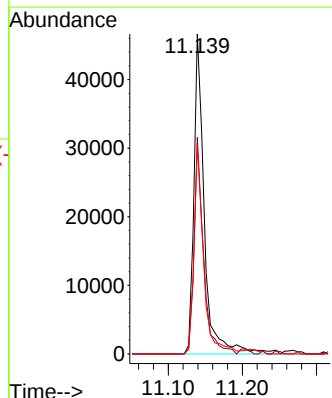
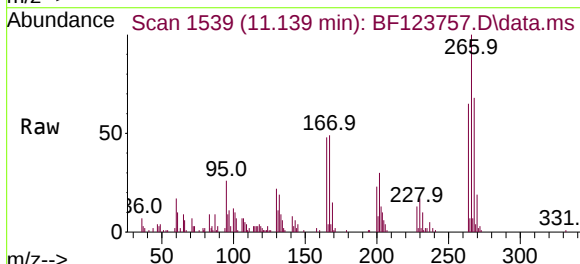
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

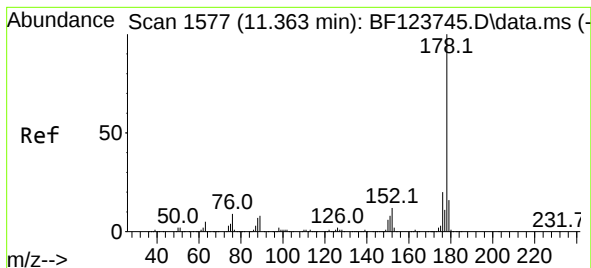
Tgt Ion:	200	Resp:	63557
Ion Ratio	Lower	Upper	
200	100		
173	27.9	6.9	46.9
215	51.0	26.5	66.5



#70
Pentachlorophenol
Concen: 9.57 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:	266	Resp:	45796
Ion Ratio	Lower	Upper	
266	100		
268	67.7	51.6	77.4
264	65.4	52.6	78.8

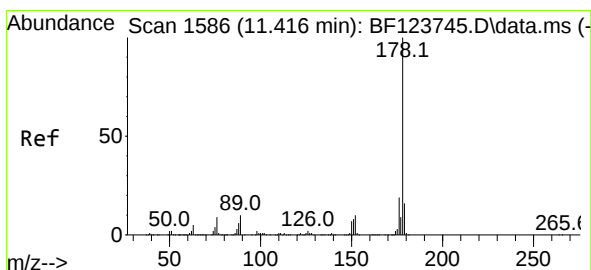
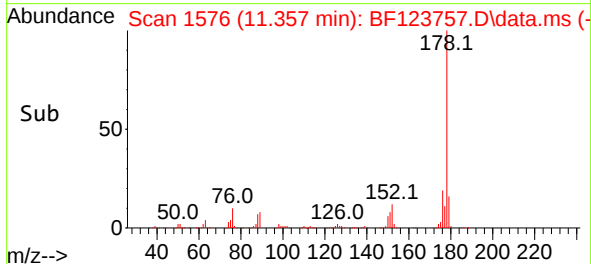
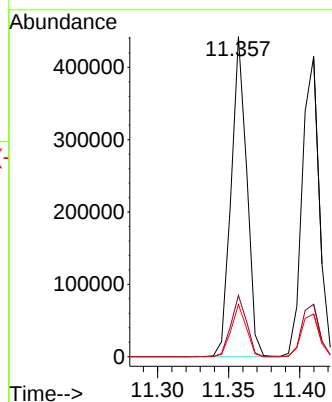
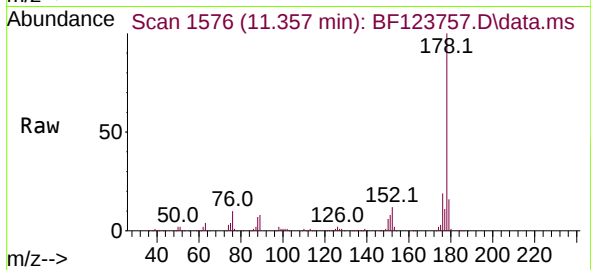




#71
Phenanthrene
Concen: 8.24 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

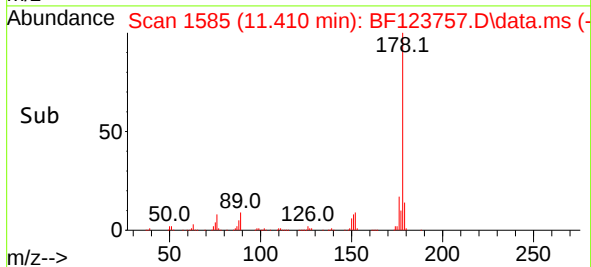
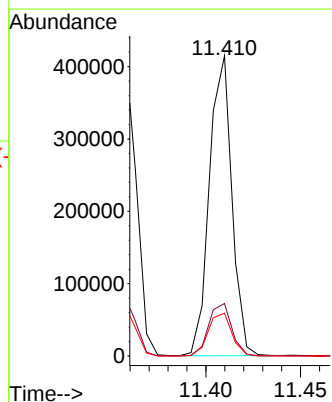
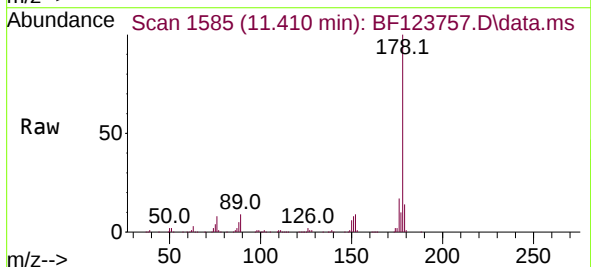
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

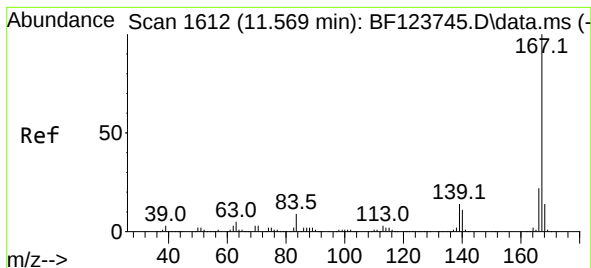
Tgt Ion:178 Resp: 338798
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.3 12.5 18.7



#72
Anthracene
Concen: 8.38 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:178 Resp: 342479
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.0
179 14.2 12.6 18.8

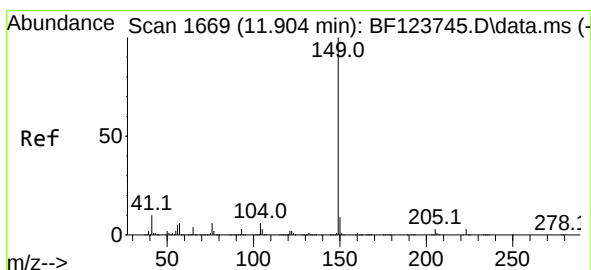
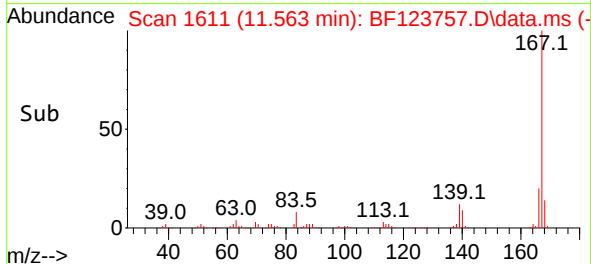
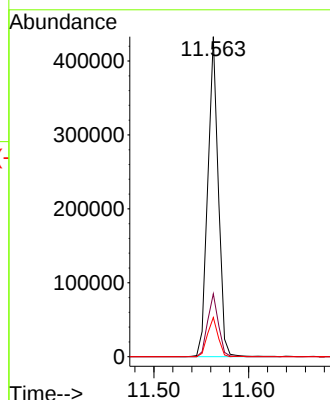
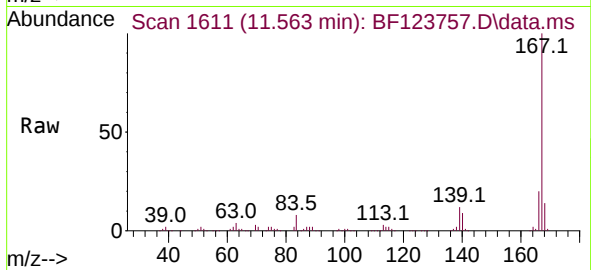




#73
 Carbazole
 Concen: 8.06 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF123757.D
 Acq: 28 Apr 2021 16:06

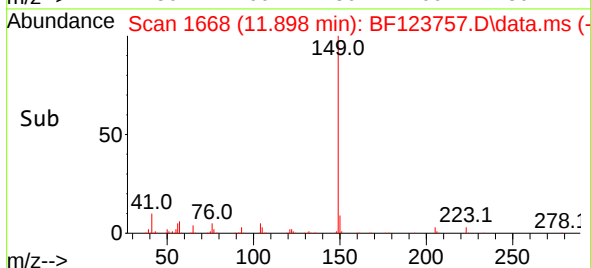
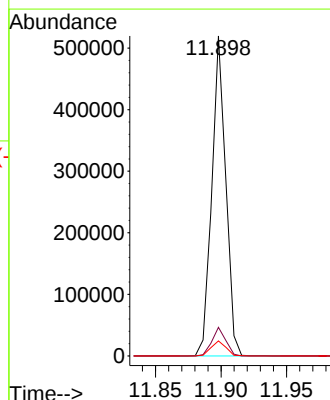
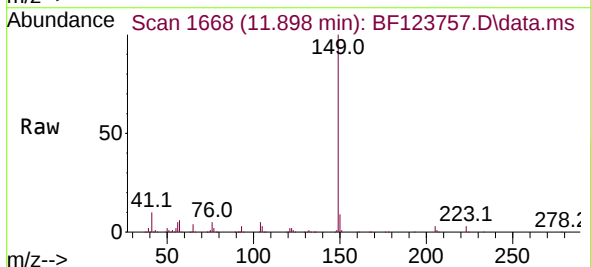
Instrument :
 BNA_F
 ClientSampleId :
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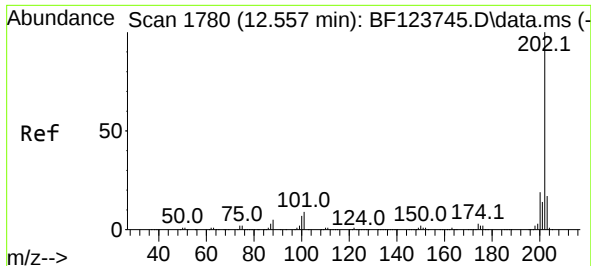
Tgt Ion:167 Resp: 332801
 Ion Ratio Lower Upper
 167 100
 166 19.7 17.0 25.6
 139 12.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 8.31 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF123757.D
 Acq: 28 Apr 2021 16:06

Tgt Ion:149 Resp: 385277
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.8
 104 4.7 4.6 6.8

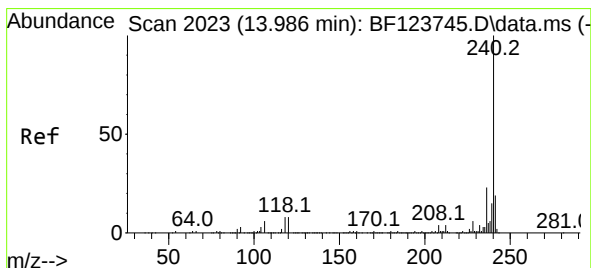
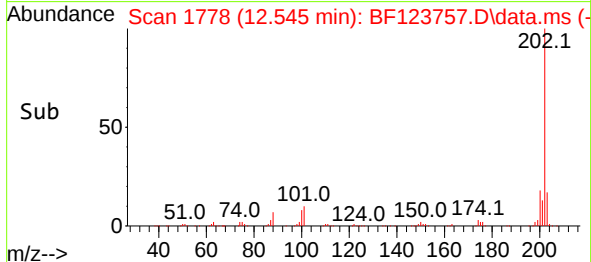
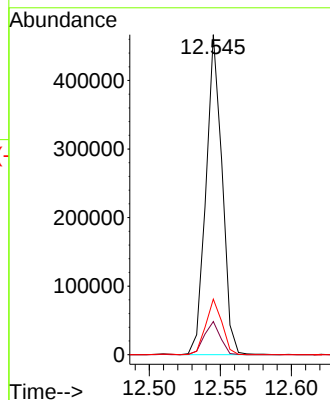
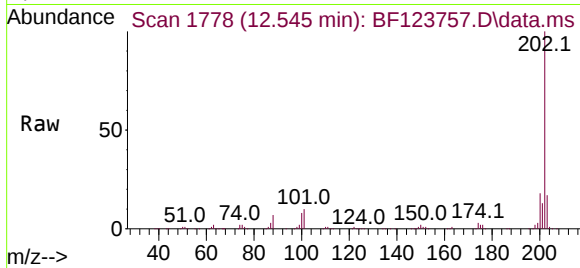




#75
Fluoranthene
Concen: 8.24 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

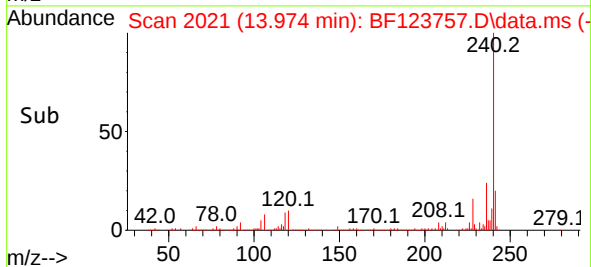
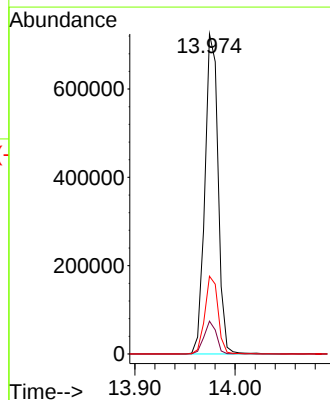
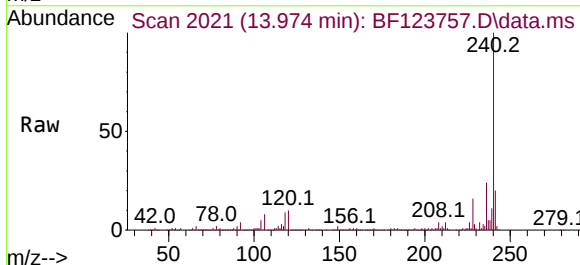
Instrument :
BNA_F
ClientSampleId :
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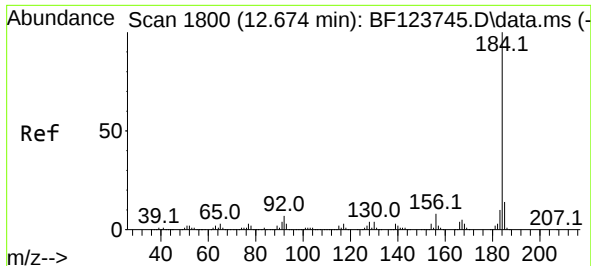
Tgt Ion:202 Resp: 369307
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:240 Resp: 667128
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 24.3 19.0 28.4

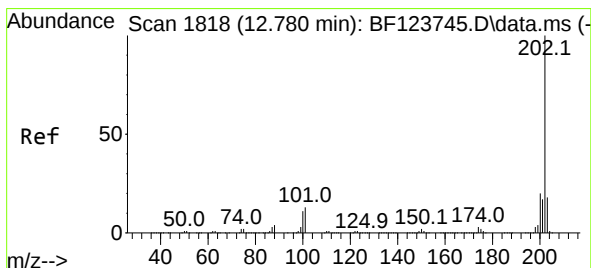
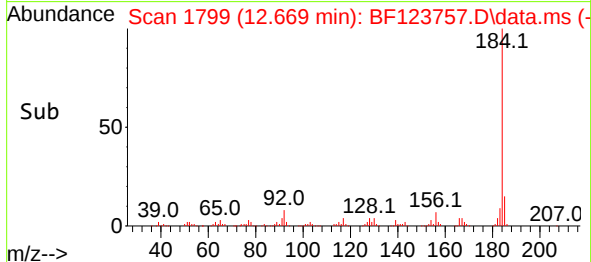
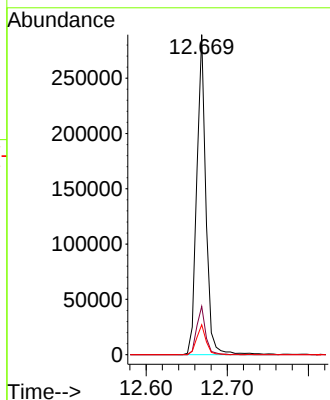
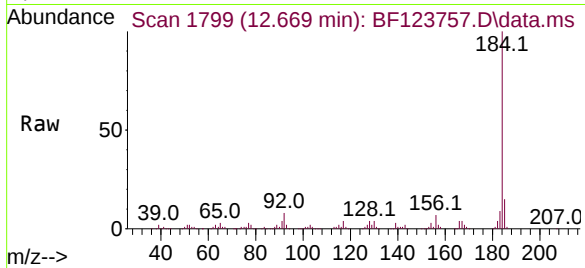




#77
Benzidine
Concen: 13.16 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

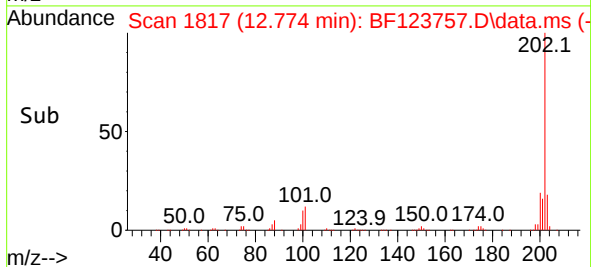
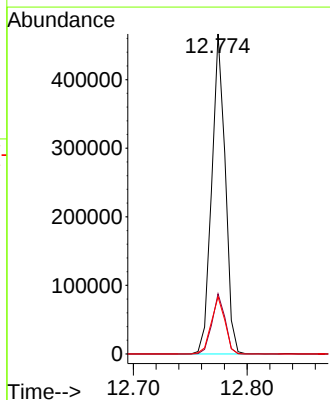
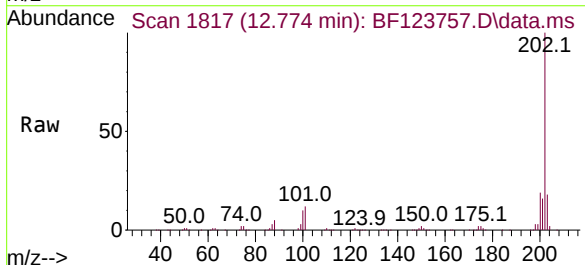
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

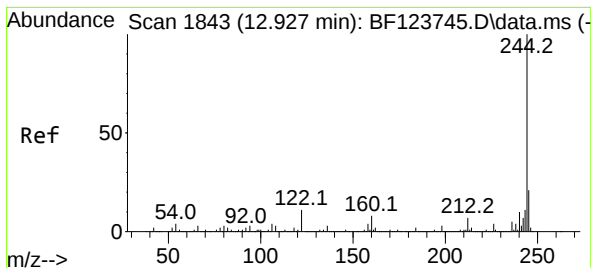
Tgt Ion:184 Resp: 227380
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 9.3 7.8 11.8



#78
Pyrene
Concen: 7.44 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:202 Resp: 385299
Ion Ratio Lower Upper
202 100
200 18.8 16.1 24.1
203 17.8 14.8 22.2

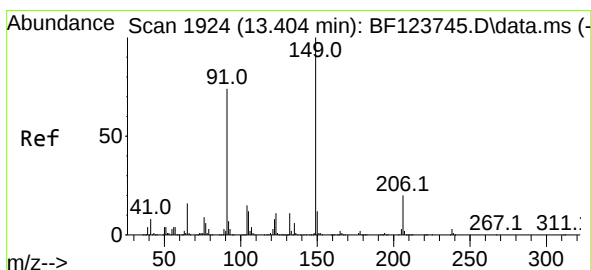
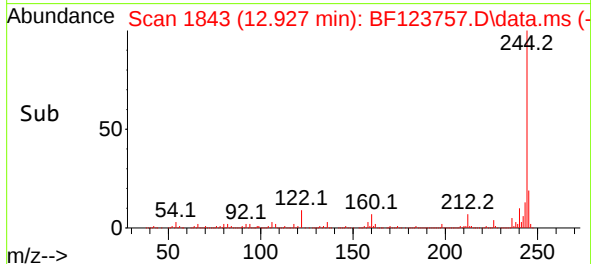
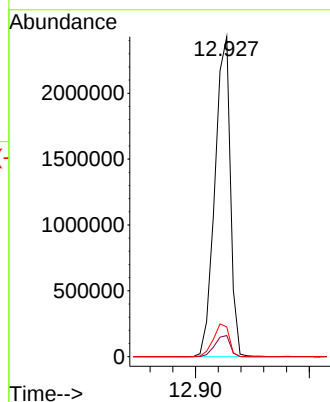
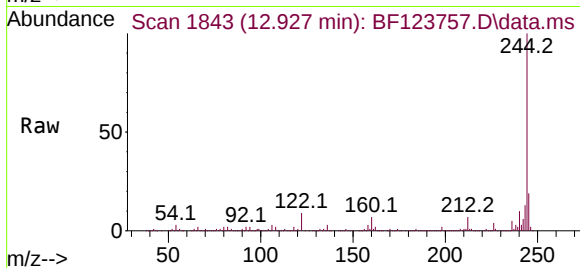




#79
 Terphenyl-d14
 Concen: 66.18 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123757.D
 Acq: 28 Apr 2021 16:06

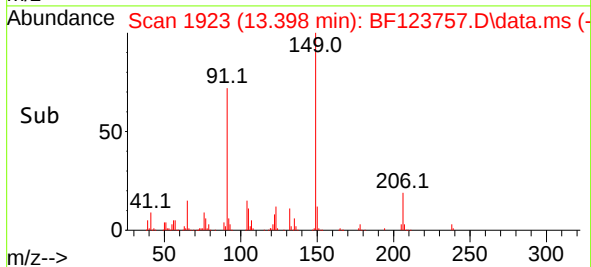
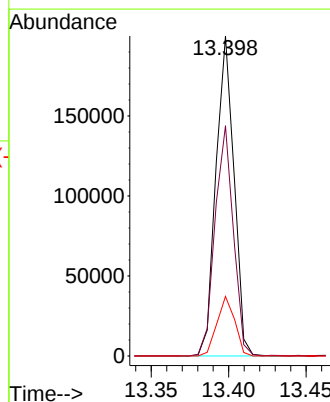
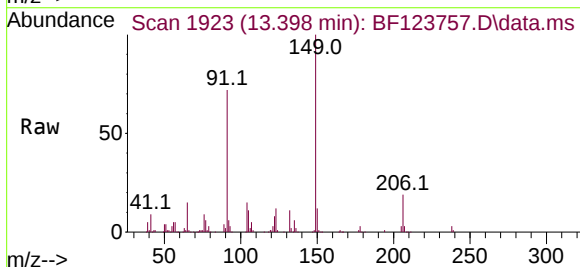
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

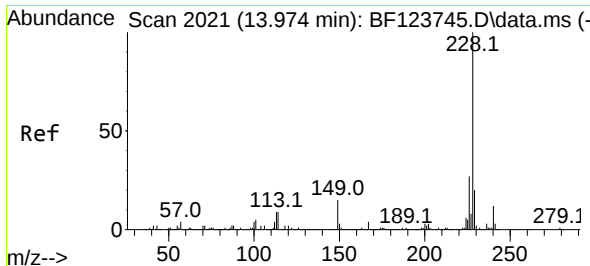
Tgt Ion:244 Resp: 2292865
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.3 9.7 14.5#



#80
 Butylbenzylphthalate
 Concen: 7.33 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF123757.D
 Acq: 28 Apr 2021 16:06

Tgt Ion:149 Resp: 162072
 Ion Ratio Lower Upper
 149 100
 91 71.9 63.6 95.4
 206 18.6 14.5 21.7

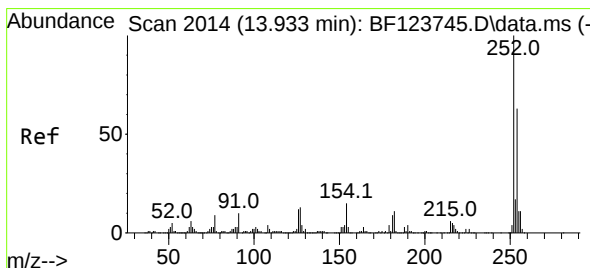
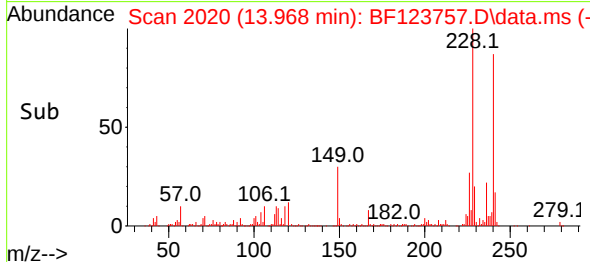
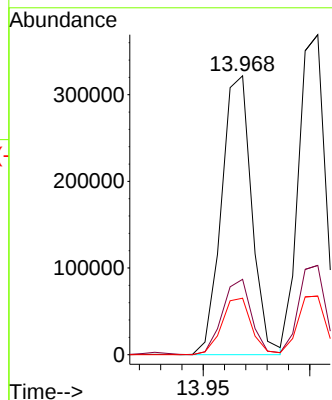
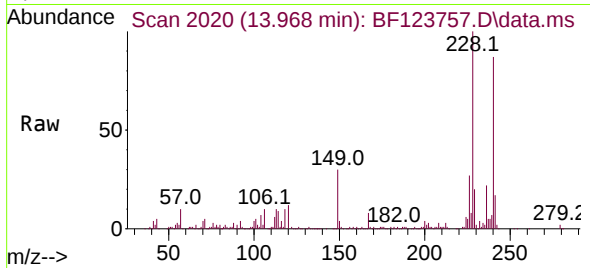




#81
Benzo(a)anthracene
Concen: 7.86 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

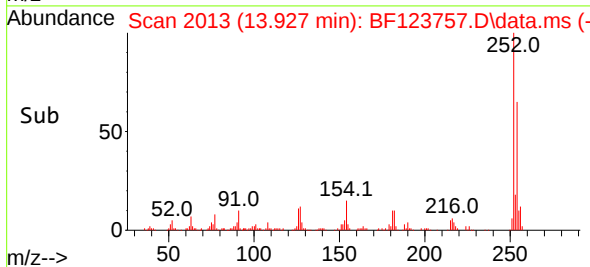
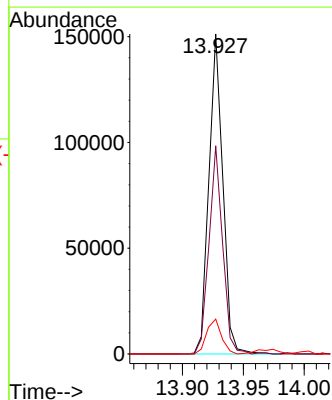
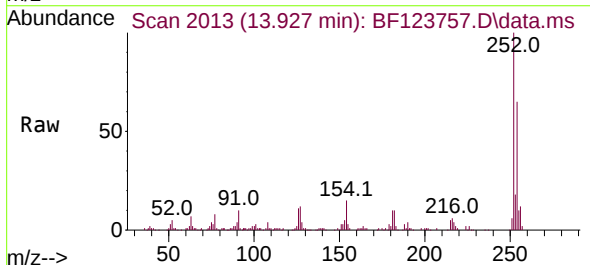
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

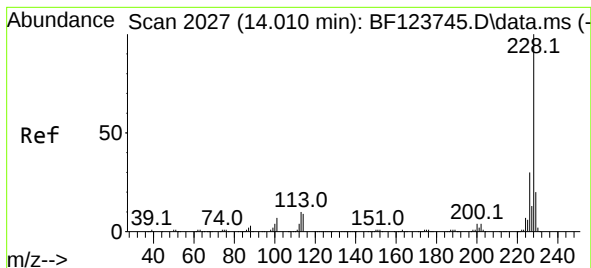
Tgt Ion:228 Resp: 317927
Ion Ratio Lower Upper
228 100
226 27.0 22.4 33.6
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 9.65 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:252 Resp: 119797
Ion Ratio Lower Upper
252 100
254 65.1 51.1 76.7
126 10.9 7.7 11.5





#83

Chrysene

Concen: 8.06 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

Tgt Ion:228 Resp: 327899

Ion Ratio Lower Upper

228 100

226 27.9 24.3 36.5

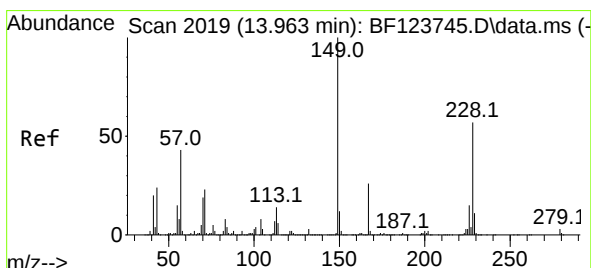
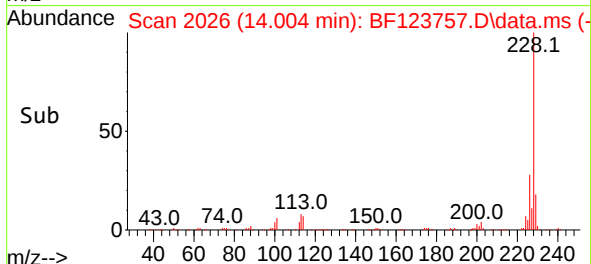
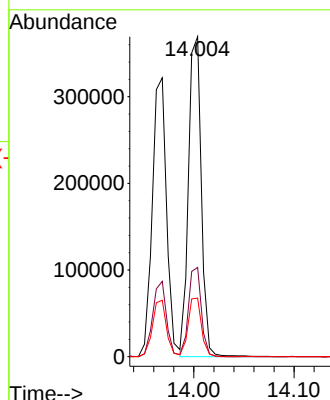
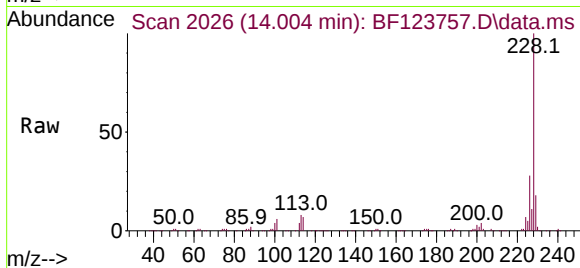
229 18.3 16.2 24.2

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.89 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

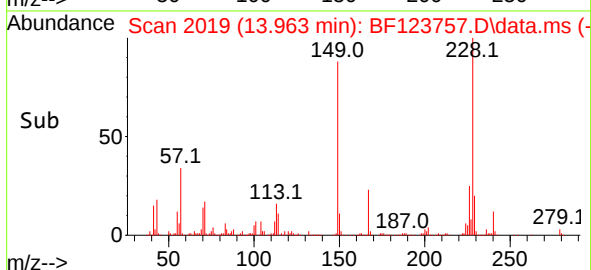
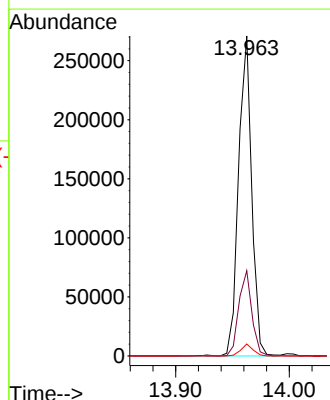
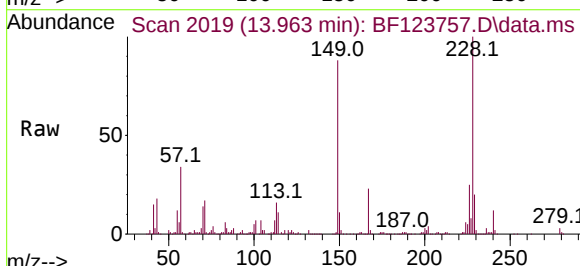
Tgt Ion:149 Resp: 216927

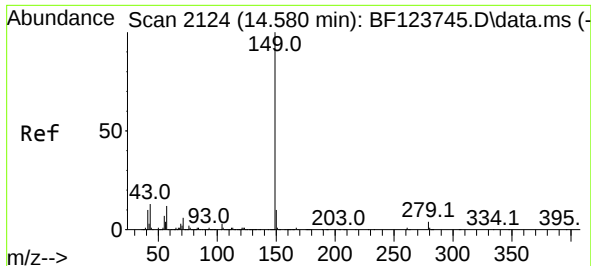
Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

279 3.8 3.3 4.9

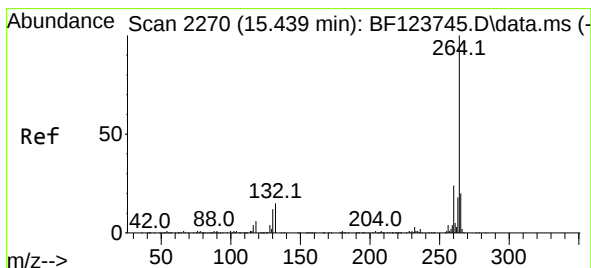
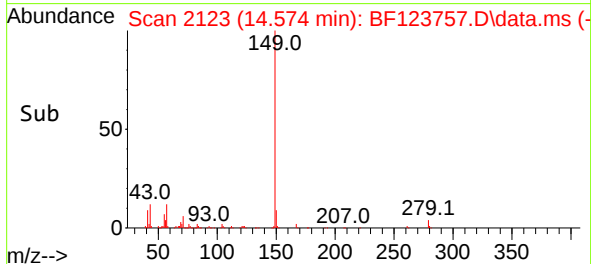
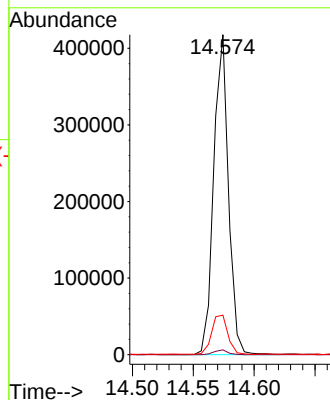
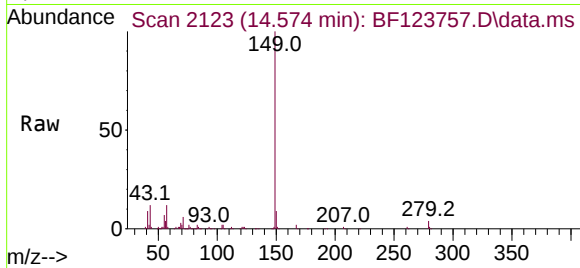




#85
Di-n-octyl phthalate
Concen: 8.01 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

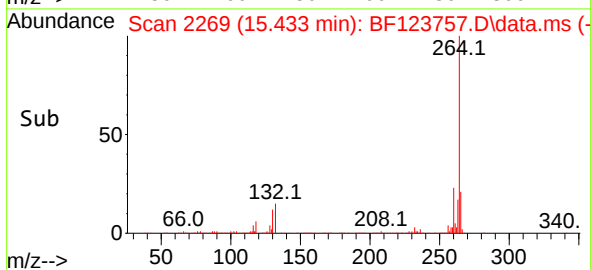
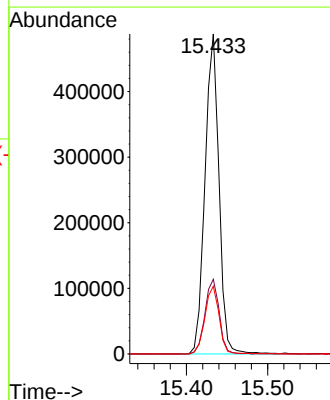
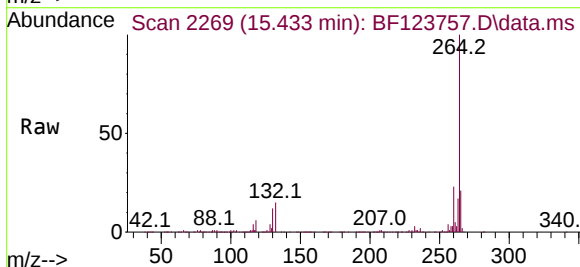
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

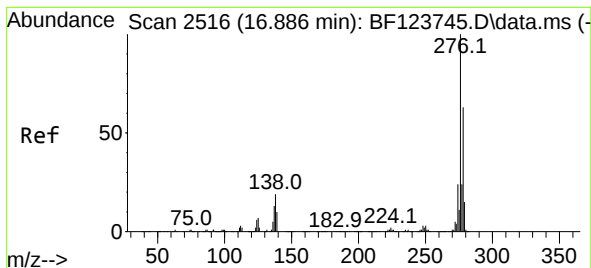
Tgt Ion:149 Resp: 351807
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 13.4 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:264 Resp: 581101
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.42 ng

RT: 16.868 min Scan# 2513

Delta R.T. -0.018 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

Tgt Ion:276 Resp: 251055

Ion Ratio Lower Upper

276 100

138 23.2 16.2 24.2

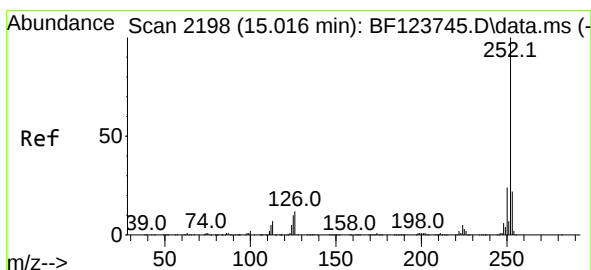
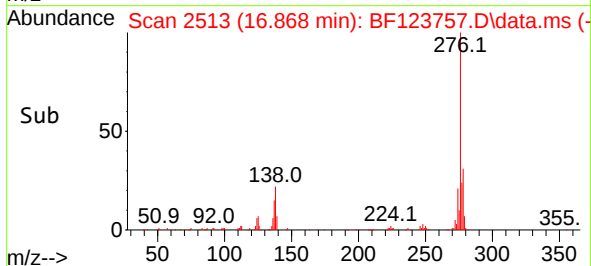
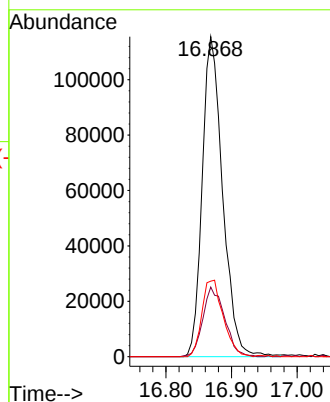
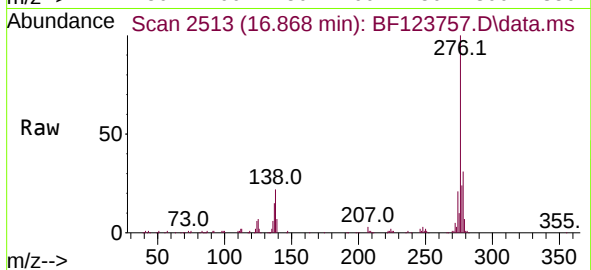
277 24.9 20.1 30.1

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#88

Benzo(b)fluoranthene

Concen: 7.60 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF123757.D

Acq: 28 Apr 2021 16:06

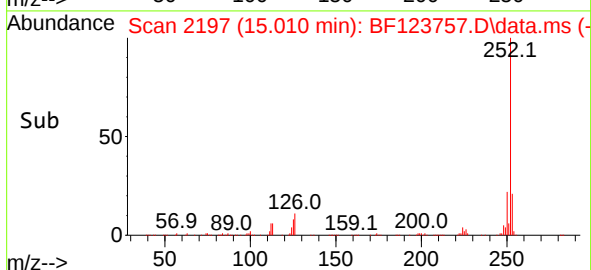
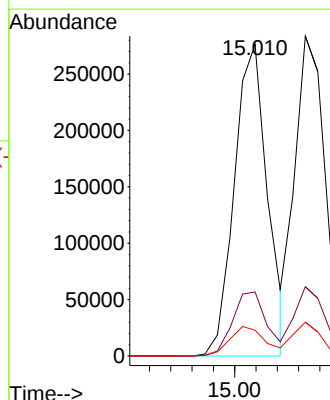
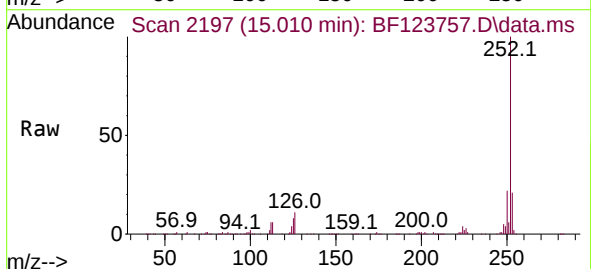
Tgt Ion:252 Resp: 297750

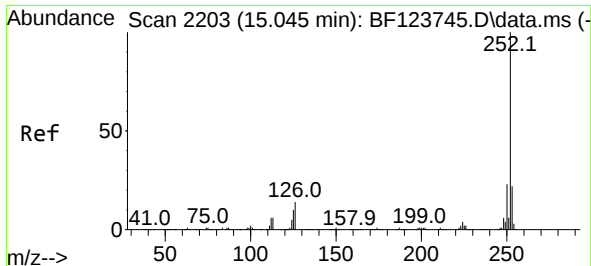
Ion Ratio Lower Upper

252 100

253 20.5 18.1 27.1

125 8.3 6.2 9.4

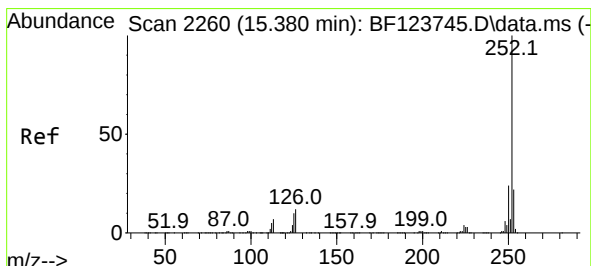
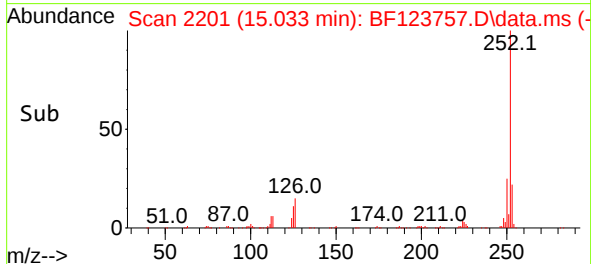
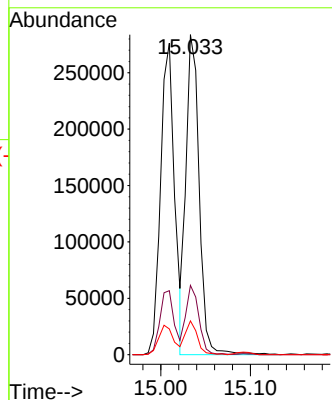
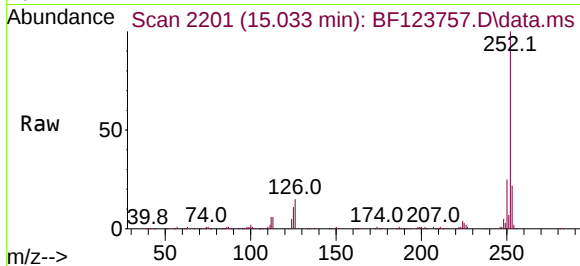




#89
Benzo(k)fluoranthene
Concen: 7.79 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

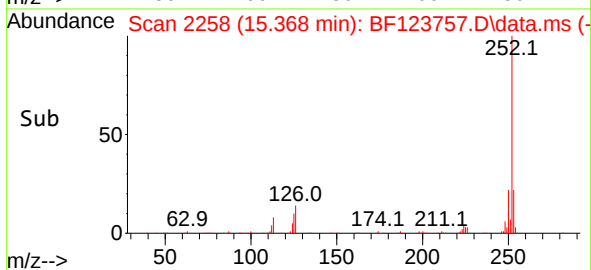
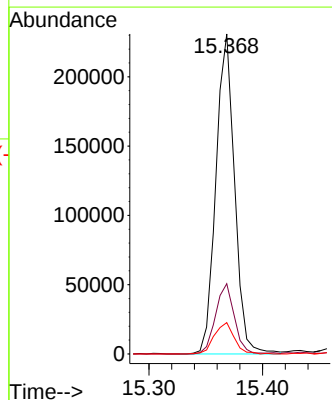
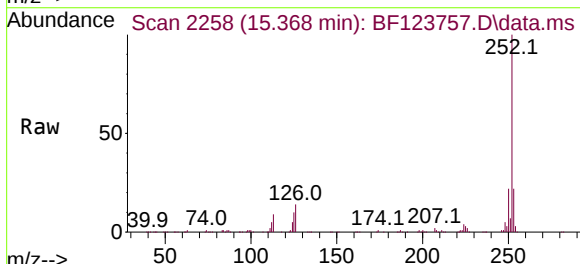
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

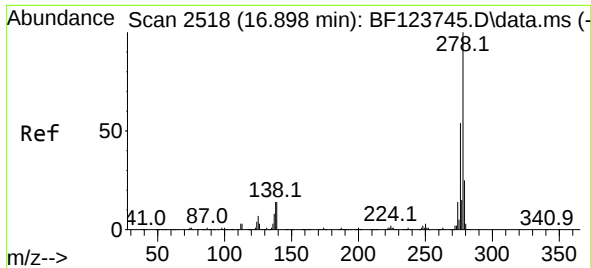
Tgt Ion:252 Resp: 291185
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 10.6 7.0 10.6



#90
Benzo(a)pyrene
Concen: 7.88 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:252 Resp: 263770
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 9.8 8.0 12.0

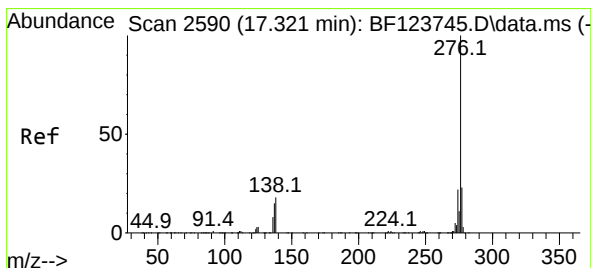
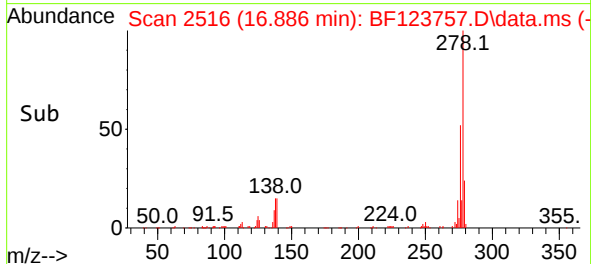
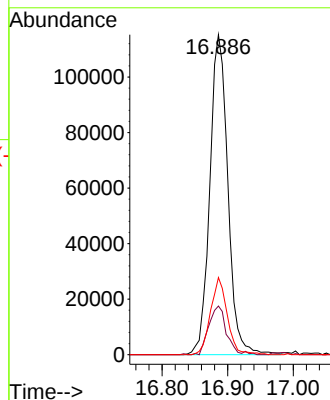
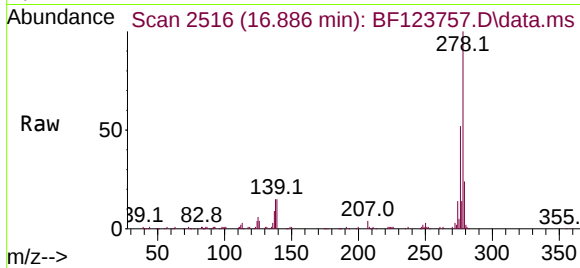




#91
Dibenzo(a,h)anthracene
Concen: 7.71 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.012 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Tgt Ion:278 Resp: 220376
Ion Ratio Lower Upper
278 100
139 15.2 10.2 15.2
279 24.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 7.41 ng
RT: 17.304 min Scan# 2587
Delta R.T. -0.018 min
Lab File: BF123757.D
Acq: 28 Apr 2021 16:06

Tgt Ion:276 Resp: 211966
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.2
138 17.3 13.8 20.6

