

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042821\
 Data File : BF123756.D
 Acq On : 28 Apr 2021 12:05
 Operator : JU/CG
 Sample : M1458-02
 Misc : LOQ-SOIL-5PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 28 12:24:56 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	224789	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	826998	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	415400	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	811684	20.00	ng	0.00
76) Chrysene-d12	13.974	240	718230	20.00	ng	-0.01
86) Perylene-d12	15.433	264	650518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1791067	126.23	ng	0.00
7) Phenol-d6	6.445	99	2439443	124.81	ng	0.00
23) Nitrobenzene-d5	7.375	82	1565641	85.46	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	693038	134.02	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2353720	82.52	ng	0.00
79) Terphenyl-d14	12.927	244	2838634	76.11	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	38339	5.02	ng	94
3) Pyridine	3.322	79	77978	4.17	ng	93
4) n-Nitrosodimethylamine	3.187	42	53398	5.19	ng	96
6) Aniline	6.469	93	137011	6.06	ng	99
8) 2-Chlorophenol	6.592	128	84562	5.54	ng	95
9) Benzaldehyde	6.357	77	79873	8.44	ng	96
10) Phenol	6.457	94	113595	5.41	ng	99
11) bis(2-Chloroethyl)ether	6.545	93	84688	5.52	ng	94
12) 1,3-Dichlorobenzene	6.745	146	86295	5.60	ng	97
13) 1,4-Dichlorobenzene	6.828	146	88667	5.68	ng	94
14) 1,2-Dichlorobenzene	6.981	146	81966	5.41	ng	96
15) Benzyl Alcohol	6.945	79	98277	6.41	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	184794	5.67	ng	99
17) 2-Methylphenol	7.057	107	72399	5.57	ng	96
18) Hexachloroethane	7.322	117	33037	5.35	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	65779	5.45	ng	96
20) 3+4-Methylphenols	7.216	107	91817	5.55	ng	# 83
22) Acetophenone	7.210	105	133517	5.94	ng	96
24) Nitrobenzene	7.386	77	103703	5.43	ng	94
25) Isophorone	7.622	82	175276	5.10	ng	98
26) 2-Nitrophenol	7.704	139	40146	5.16	ng	95
27) 2,4-Dimethylphenol	7.745	122	71917	5.88	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	106313	6.07	ng	95
29) 2,4-Dichlorophenol	7.951	162	63102	5.23	ng	96
30) 1,2,4-Trichlorobenzene	8.033	180	70872	5.61	ng	95
31) Naphthalene	8.116	128	242112	5.69	ng	96
32) Benzoic acid	7.822	122	12261	1.59	ng	90
33) 4-Chloroaniline	8.163	127	101887	5.73	ng	93
34) Hexachlorobutadiene	8.233	225	41570	5.40	ng	98
35) Caprolactam	8.486	113	21289	5.03	ng	# 90
36) 4-Chloro-3-methylphenol	8.639	107	76779	5.10	ng	95
37) 2-Methylnaphthalene	8.804	142	159614	5.75	ng	99
38) 1-Methylnaphthalene	8.904	142	146263	5.61	ng	98
40) 1,2,4,5-Tetrachloroben...	8.969	216	68820	5.63	ng	98
41) Hexachlorocyclopentadiene	8.963	237	17297	3.57	ng	96
43) 2,4,6-Trichlorophenol	9.086	196	40752	4.84	ng	99

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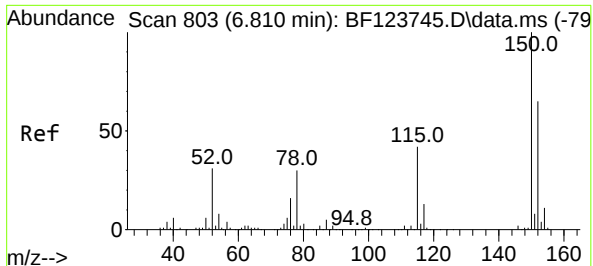
Quant Time: Apr 28 12:24:56 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	44758	4.95	ng	95
46) 1,1'-Biphenyl	9.269	154	200624	5.90	ng	98
47) 2-Chloronaphthalene	9.292	162	143953	5.61	ng	98
48) 2-Nitroaniline	9.386	65	57301	5.07	ng	96
49) Acenaphthylene	9.710	152	238924	5.77	ng	99
50) Dimethylphthalate	9.563	163	164709	5.63	ng	98
51) 2,6-Dinitrotoluene	9.627	165	34639	5.12	ng	90
52) Acenaphthene	9.880	154	147031	5.83	ng	96
53) 3-Nitroaniline	9.792	138	41904	5.19	ng	98
54) 2,4-Dinitrophenol	9.904	184	7625	2.12	ng #	68
55) Dibenzofuran	10.051	168	215391	5.64	ng	96
56) 4-Nitrophenol	9.963	139	25984	4.42	ng	88
57) 2,4-Dinitrotoluene	10.027	165	45853	4.97	ng #	86
58) Fluorene	10.392	166	167798	5.72	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	32008	4.47	ng	96
60) Diethylphthalate	10.269	149	180955	5.81	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	80092	5.86	ng	94
62) 4-Nitroaniline	10.398	138	42168	5.27	ng	95
63) Azobenzene	10.551	77	191847	5.36	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	16930	3.37	ng	93
66) n-Nitrosodiphenylamine	10.504	169	148592	5.60	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	47819	5.59	ng	93
68) Hexachlorobenzene	10.945	284	54697	5.62	ng	95
69) Atrazine	11.027	200	45416	5.66	ng	94
70) Pentachlorophenol	11.139	266	16526	3.33	ng	97
71) Phenanthrene	11.357	178	244203	5.74	ng	99
72) Anthracene	11.410	178	255052	6.03	ng	98
73) Carbazole	11.563	167	247301	5.78	ng	98
74) Di-n-butylphthalate	11.898	149	282275	5.88	ng	97
75) Fluoranthene	12.545	202	269671	5.81	ng	99
77) Benzidine	12.668	184	165708	8.91	ng	98
78) Pyrene	12.774	202	282556	5.07	ng	97
80) Butylbenzylphthalate	13.398	149	117332	4.93	ng	93
81) Benzo(a)anthracene	13.962	228	237415	5.45	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	84726	6.34	ng #	92
83) Chrysene	14.004	228	233285	5.33	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	161382	5.45	ng	96
85) Di-n-octyl phthalate	14.574	149	255998	5.41	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	199873	5.28	ng	96
88) Benzo(b)fluoranthene	15.004	252	220141	5.02	ng	95
89) Benzo(k)fluoranthene	15.033	252	214135	5.12	ng	97
90) Benzo(a)pyrene	15.368	252	203657	5.43	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	165548	5.18	ng	97
92) Benzo(g,h,i)perylene	17.303	276	163149	5.09	ng	96

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

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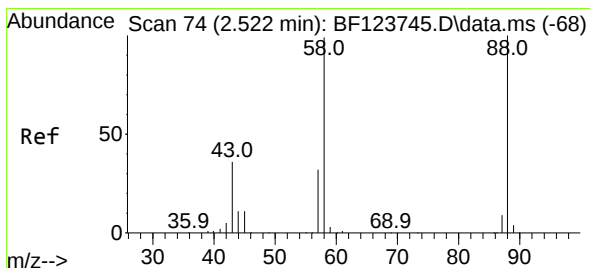
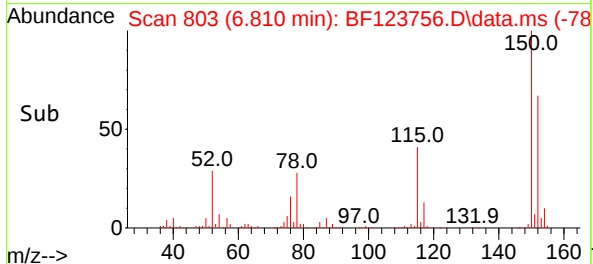
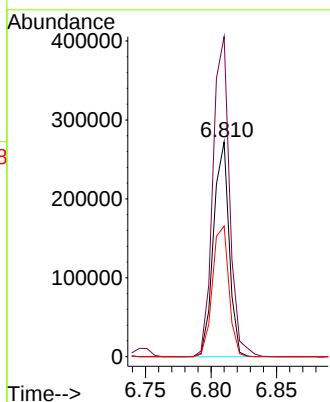
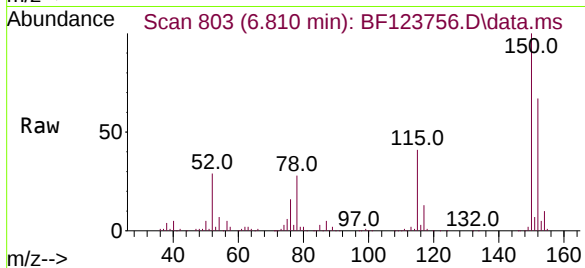




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.810 min Scan# 803
 Delta R.T. -0.000 min
 Lab File: BF123756.D
 Acq: 28 Apr 2021 12:05

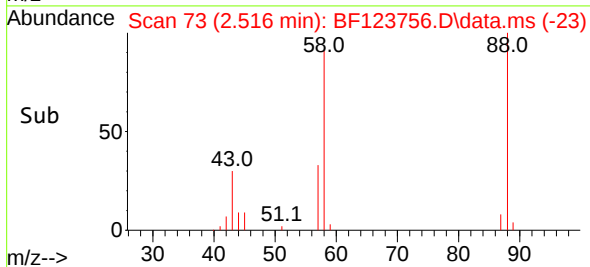
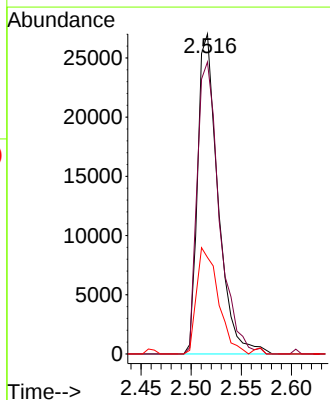
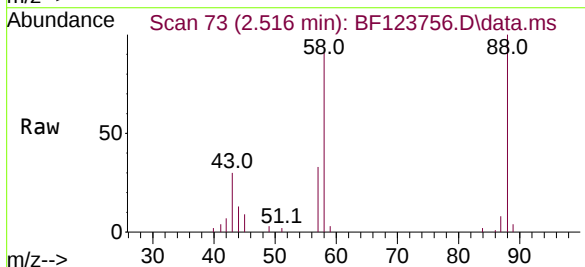
Instrument :
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 LOQ-SOIL-02-QT1-2021

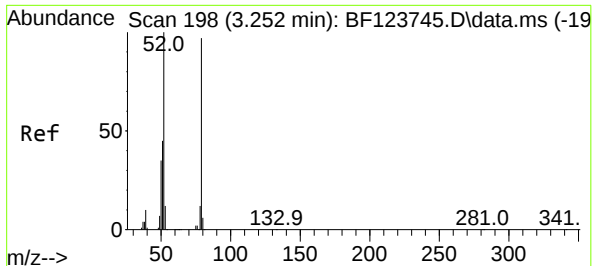
Tgt Ion:152 Resp: 224789
 Ion Ratio Lower Upper
 152 100
 150 149.0 127.0 190.6
 115 60.9 54.3 81.5



#2
 1,4-Dioxane
 Concen: 5.02 ng
 RT: 2.516 min Scan# 73
 Delta R.T. -0.006 min
 Lab File: BF123756.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 88 Resp: 38339
 Ion Ratio Lower Upper
 88 100
 58 99.2 83.8 125.8
 43 35.2 32.2 48.4

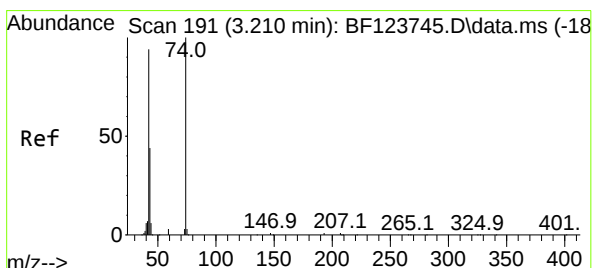
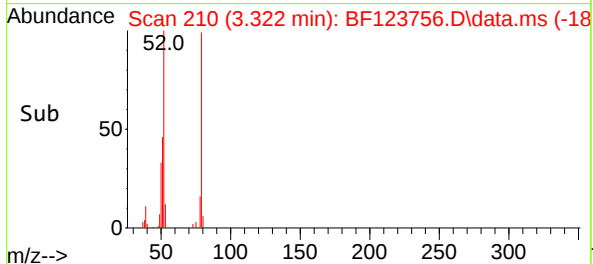
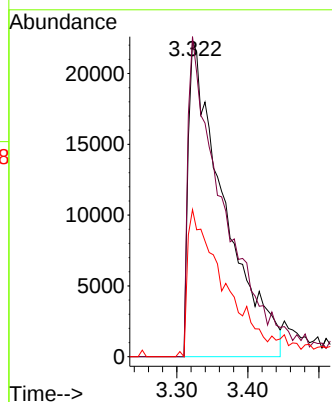
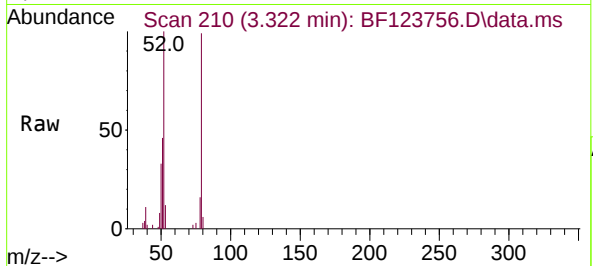




#3
Pyridine
Concen: 4.17 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.070 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

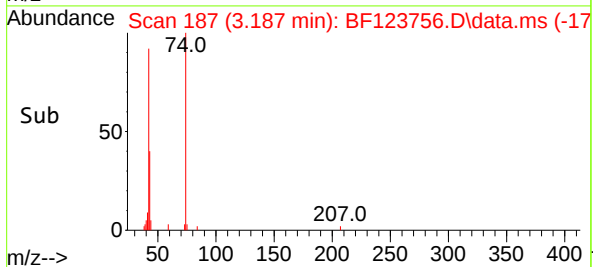
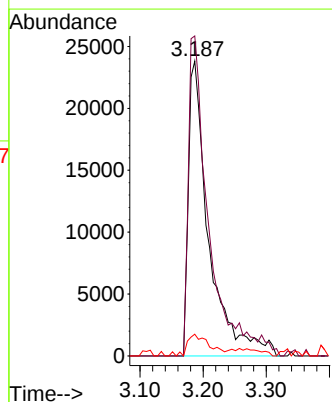
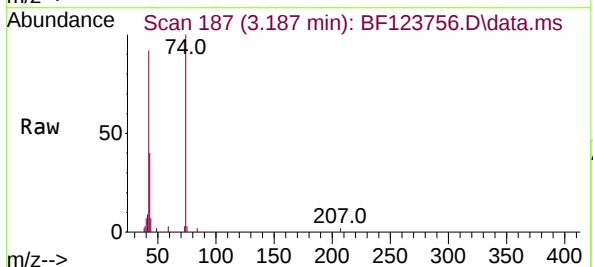
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

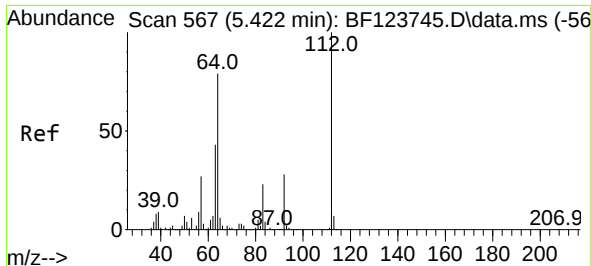
Tgt Ion: 79 Resp: 77978
Ion Ratio Lower Upper
79 100
52 101.3 87.4 131.0
51 46.5 41.4 62.0



#4
n-Nitrosodimethylamine
Concen: 5.19 ng
RT: 3.187 min Scan# 187
Delta R.T. -0.024 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 42 Resp: 53398
Ion Ratio Lower Upper
42 100
74 108.5 83.5 125.3
44 7.4 5.7 8.5

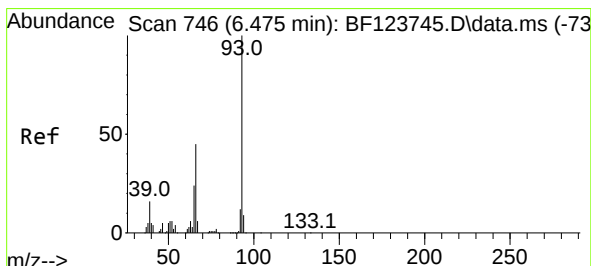
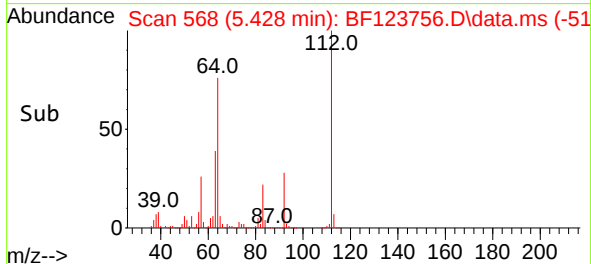
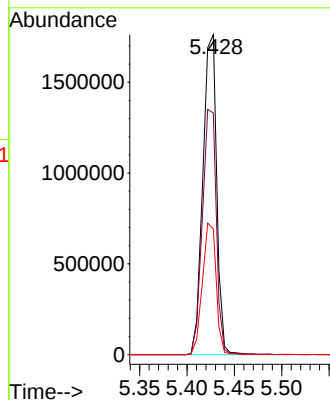
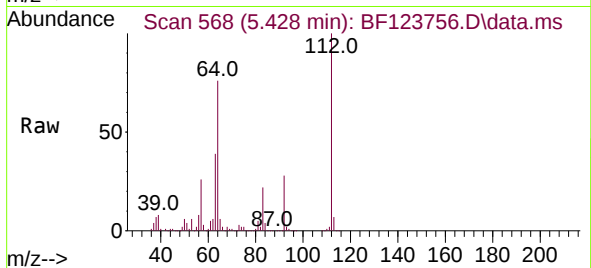




#5
2-Fluorophenol
Concen: 126.23 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

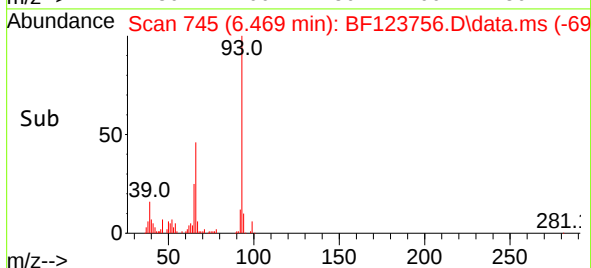
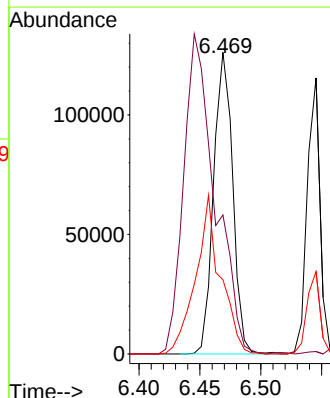
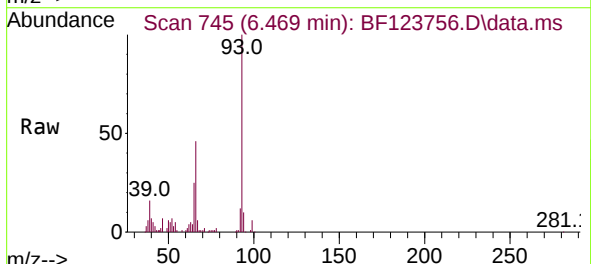
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BNA_F
ClientSampleId :
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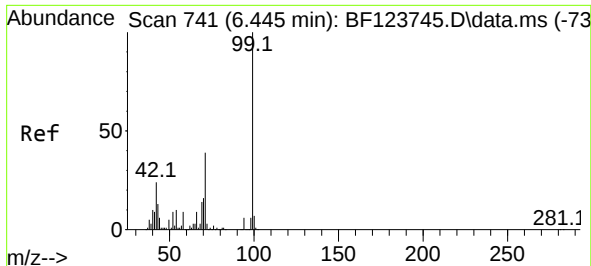
Tgt Ion:112 Resp: 1791067
Ion Ratio Lower Upper
112 100
64 75.6 61.4 92.0
63 39.4 33.0 49.4



#6
Aniline
Concen: 6.06 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 93 Resp: 137011
Ion Ratio Lower Upper
93 100
66 46.1 36.4 54.6
65 24.6 19.4 29.0



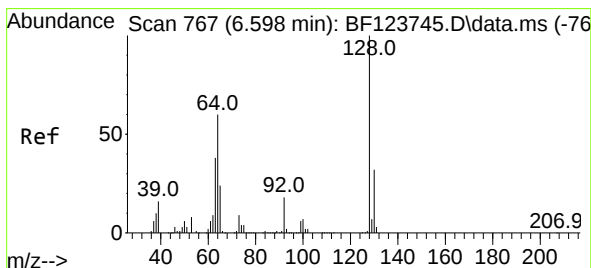
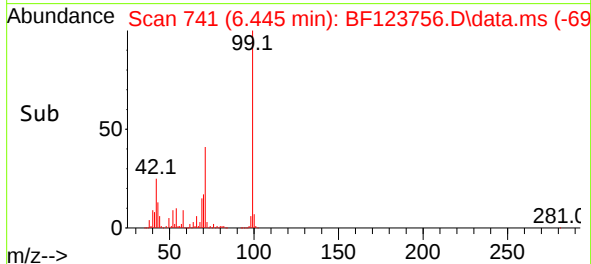
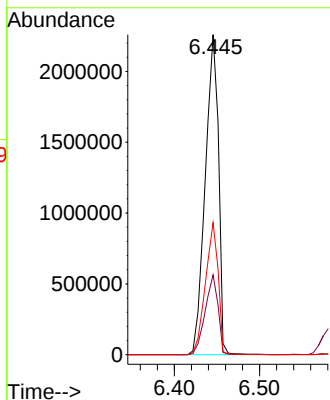
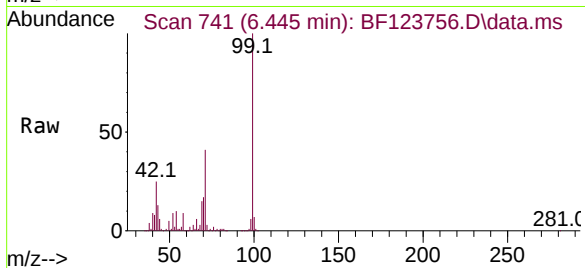


#7
Phenol-d6
Concen: 124.81 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

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

Tgt Ion: 99 Resp: 2439443

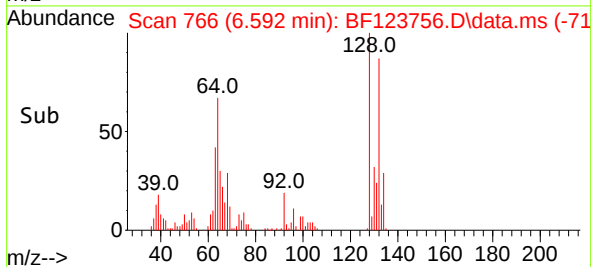
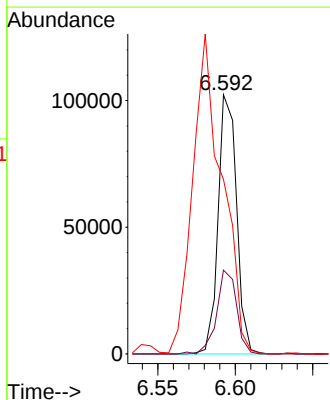
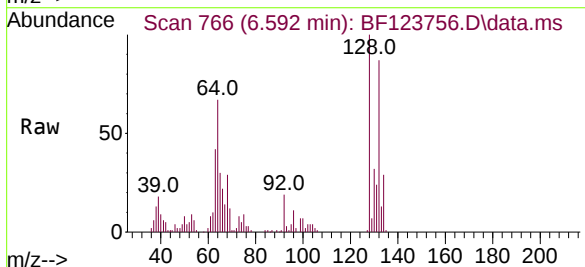
Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.8	29.8
71	41.3	31.1	46.7

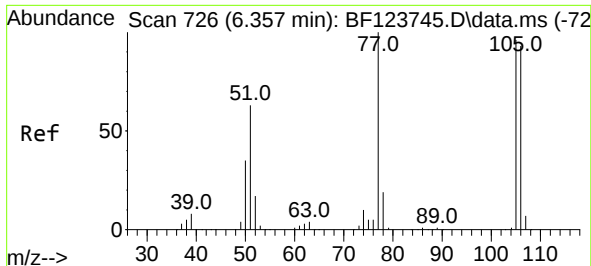


#8
2-Chlorophenol
Concen: 5.54 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 128 Resp: 84562

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	67.4	41.5	81.5

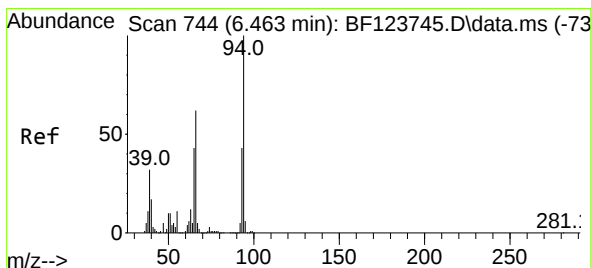
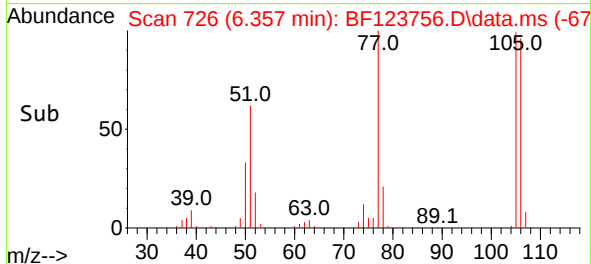
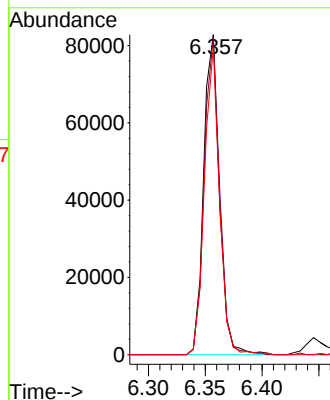
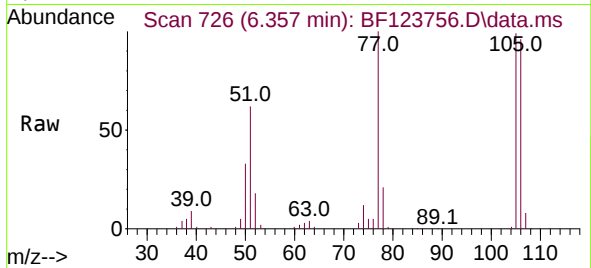




#9
Benzaldehyde
Concen: 8.44 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

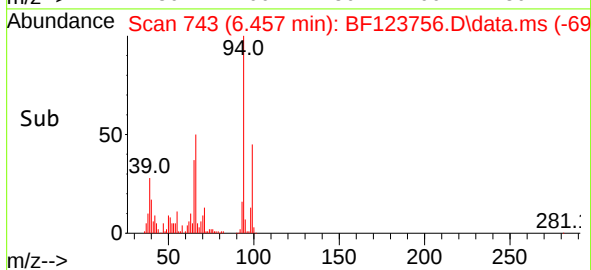
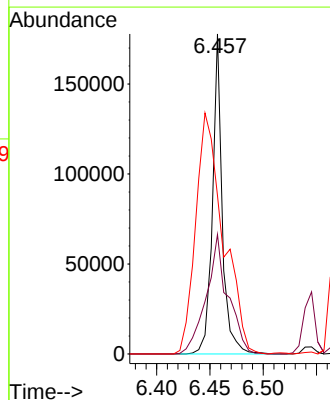
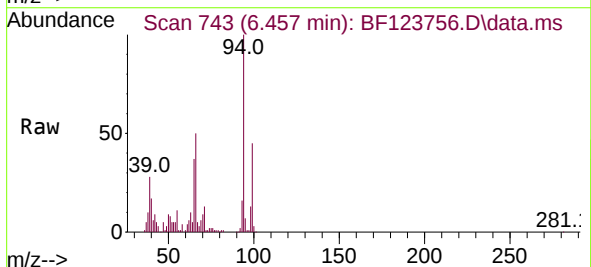
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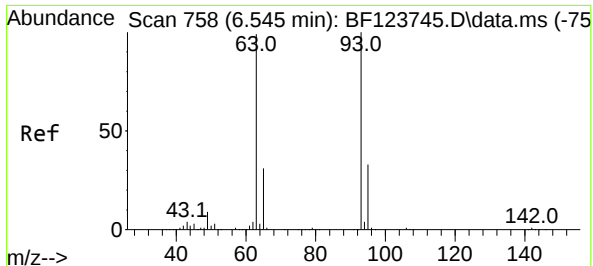
Tgt Ion:	77	Resp:	79873
Ion	Ratio	Lower	Upper
77	100		
105	99.2	75.2	115.2
106	96.1	71.6	111.6



#10
Phenol
Concen: 5.41 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:	94	Resp:	113595
Ion	Ratio	Lower	Upper
94	100		
65	37.3	18.1	58.1
66	49.5	29.0	69.0

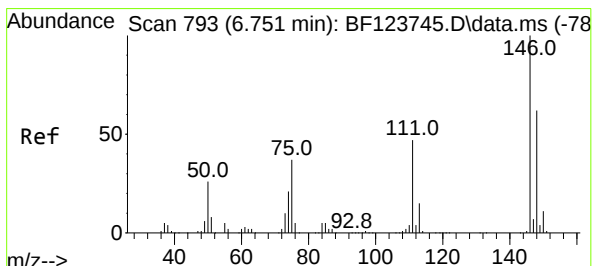
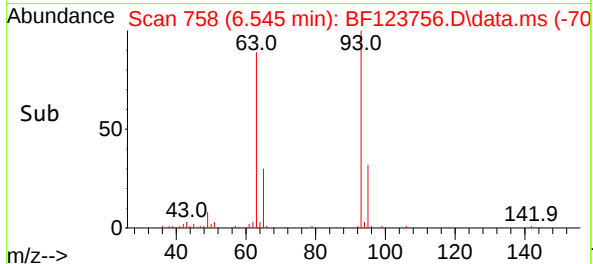
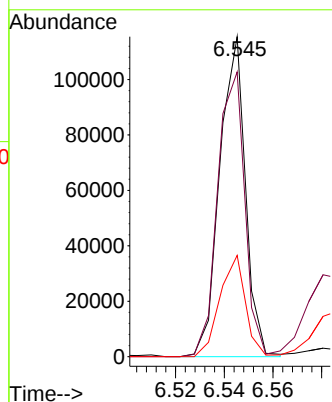
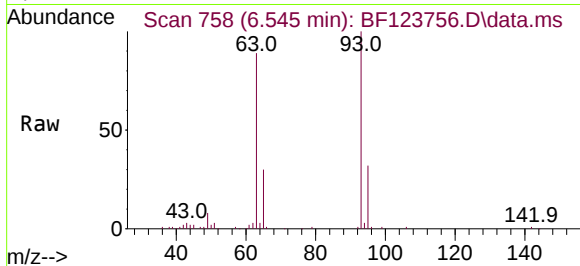




#11
bis(2-Chloroethyl)ether
Concen: 5.52 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

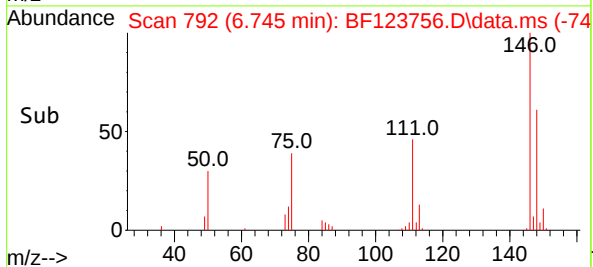
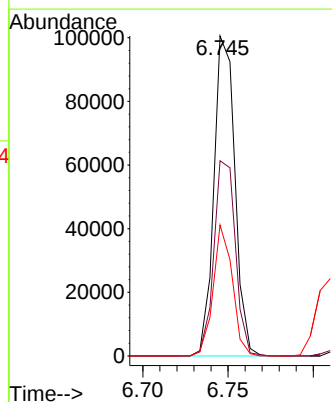
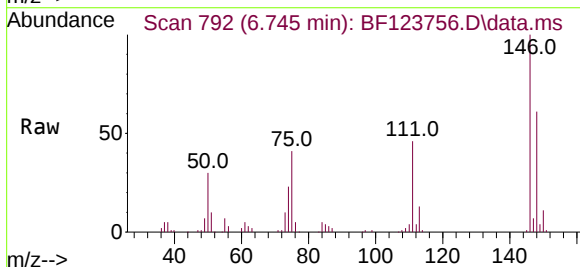
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

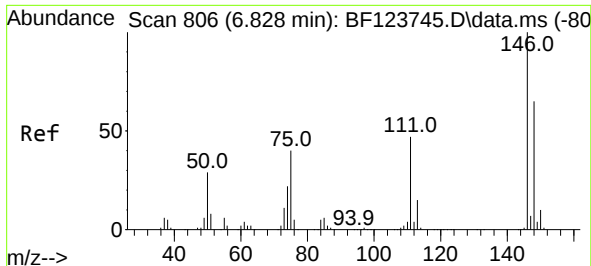
Tgt Ion: 93 Resp: 84688
Ion Ratio Lower Upper
93 100
63 89.0 76.1 116.1
95 31.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 5.60 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 146 Resp: 86295
Ion Ratio Lower Upper
146 100
148 61.0 50.9 76.3
75 40.9 34.2 51.4





#13

1,4-Dichlorobenzene

Concen: 5.68 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

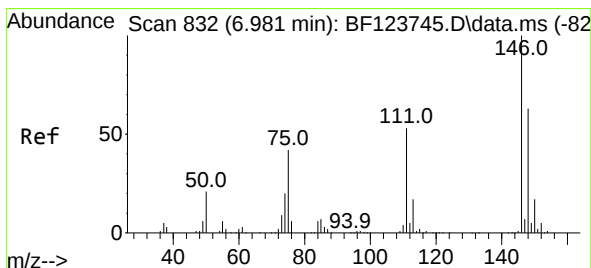
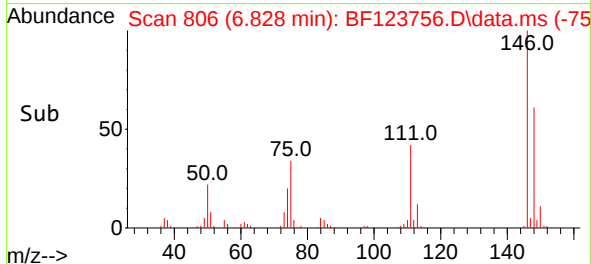
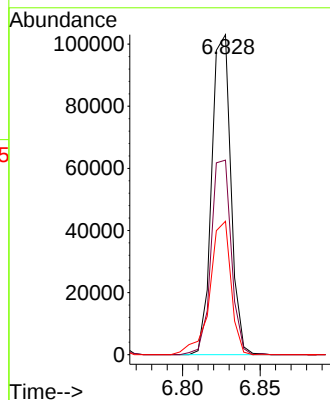
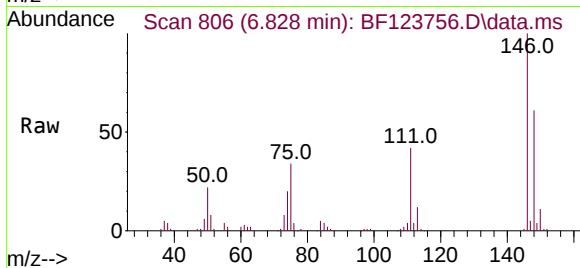
Tgt Ion:146 Resp: 88667

Ion Ratio Lower Upper

146 100

148 60.8 49.9 74.9

111 41.7 39.5 59.3



#14

1,2-Dichlorobenzene

Concen: 5.41 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.000 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

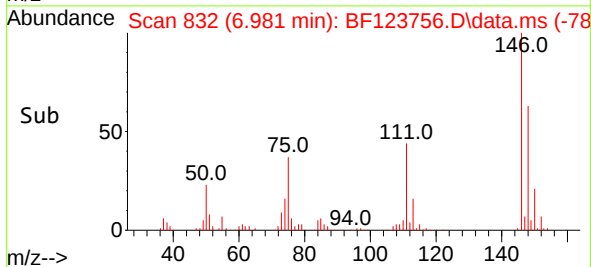
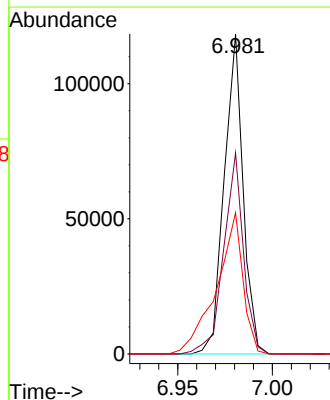
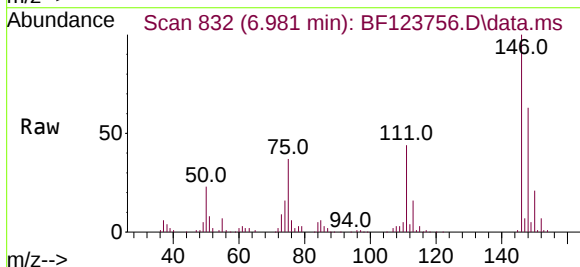
Tgt Ion:146 Resp: 81966

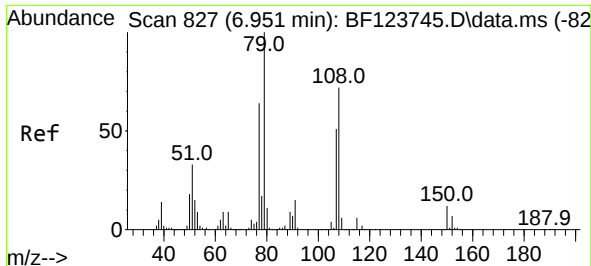
Ion Ratio Lower Upper

146 100

148 62.9 51.6 77.4

111 44.2 38.4 57.6

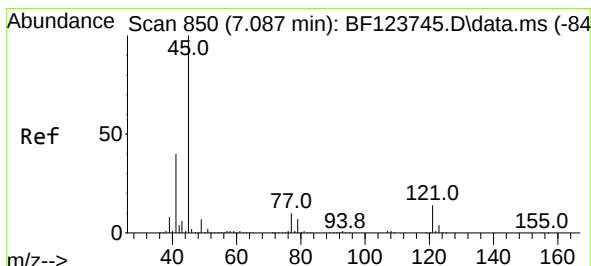
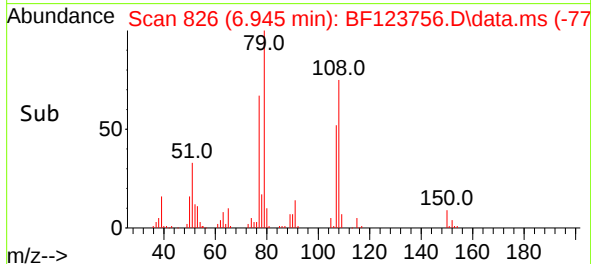
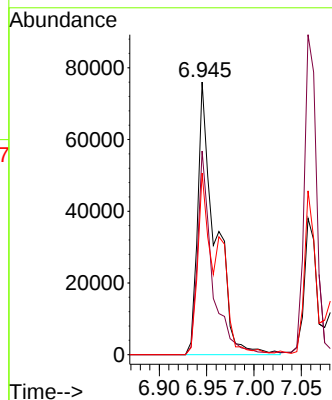
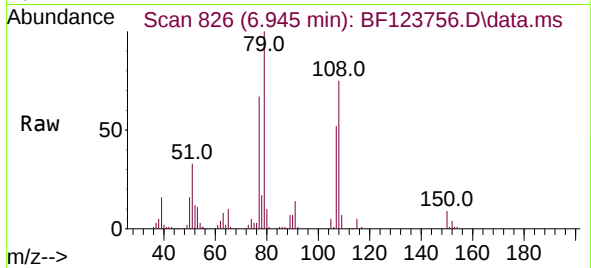




#15
Benzyl Alcohol
Concen: 6.41 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

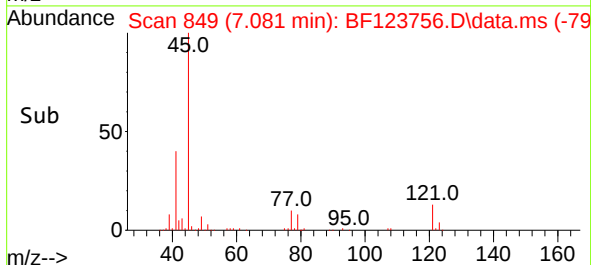
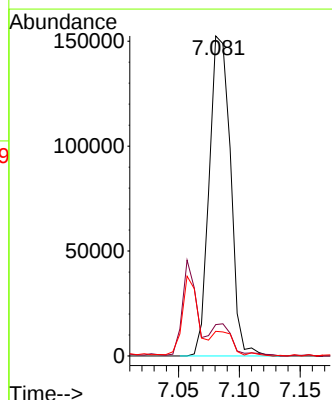
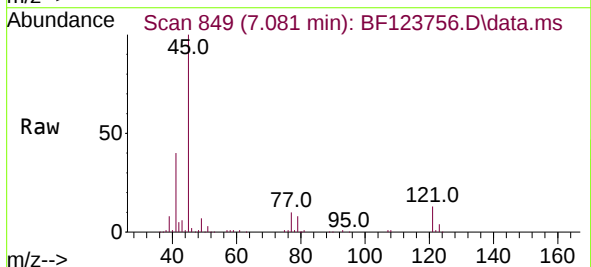
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

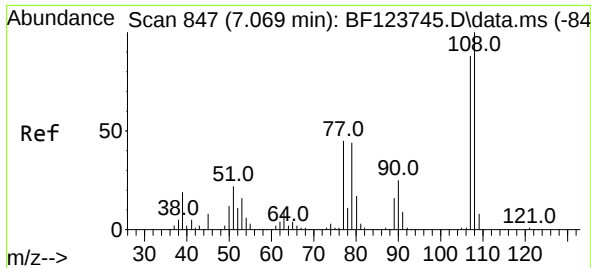
Tgt Ion: 79 Resp: 98277
Ion Ratio Lower Upper
79 100
108 74.7 55.8 83.8
77 66.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.67 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 45 Resp: 184794
Ion Ratio Lower Upper
45 100
77 9.8 0.0 30.0
79 7.7 0.0 27.3

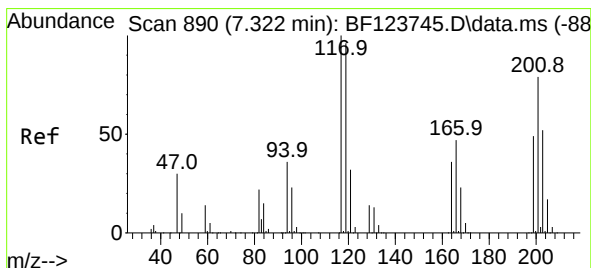
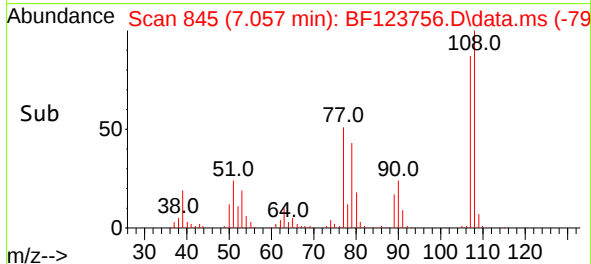
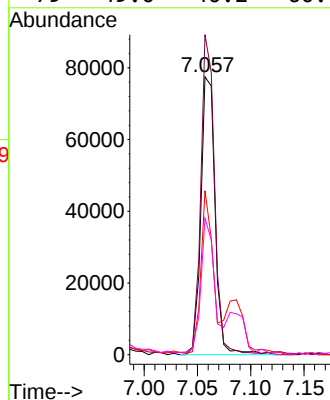
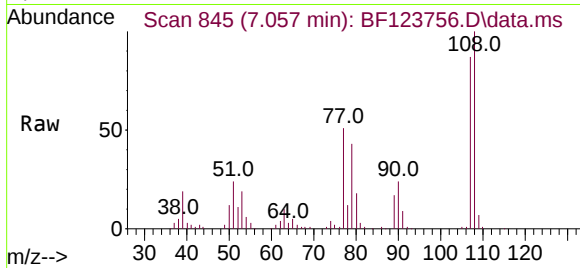




#17
2-Methylphenol
Concen: 5.57 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

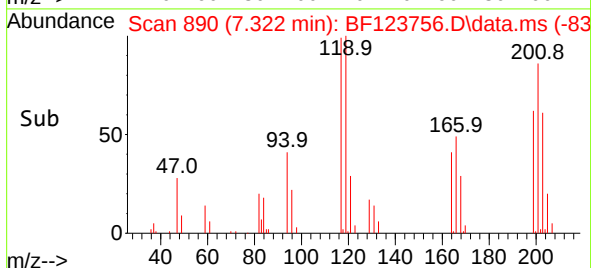
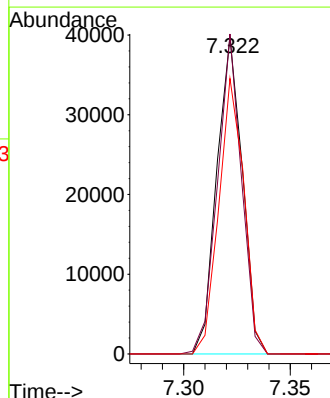
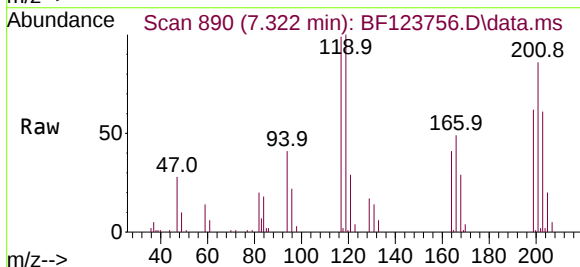
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

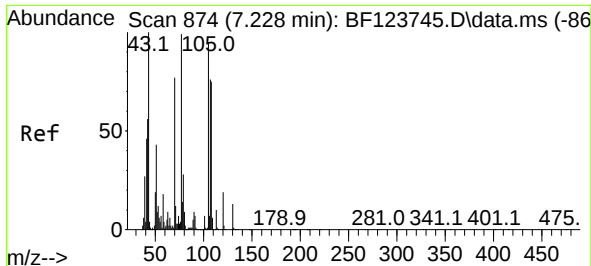
Tgt Ion:	107	Resp:	72399
Ion	Ratio	Lower	Upper
107	100		
108	115.1	89.8	134.8
77	58.9	40.9	61.3
79	49.0	40.2	60.4



#18
Hexachloroethane
Concen: 5.35 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

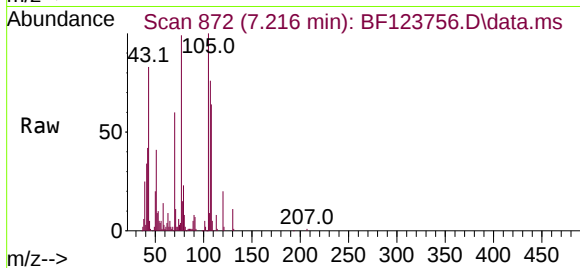
Tgt Ion:	117	Resp:	33037
Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.8	116.8
201	85.5	67.8	101.8



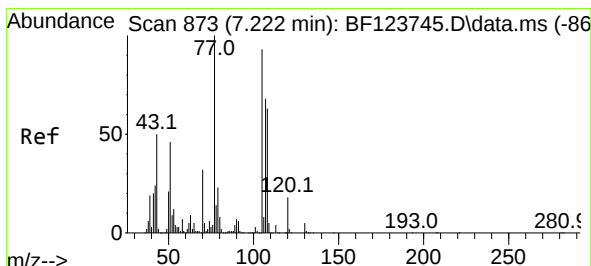
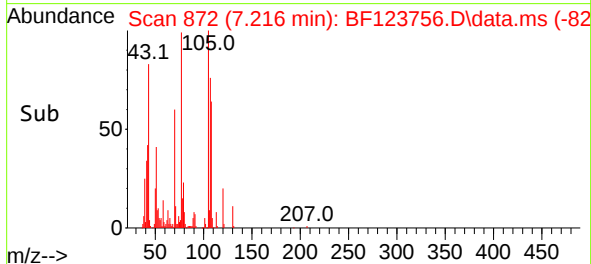
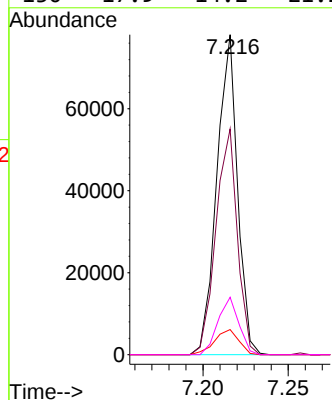


#19
n-Nitroso-di-n-propylamine
Concen: 5.45 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

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

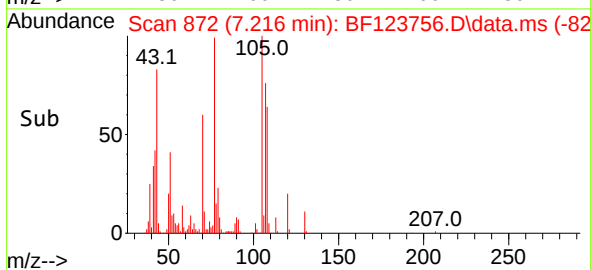
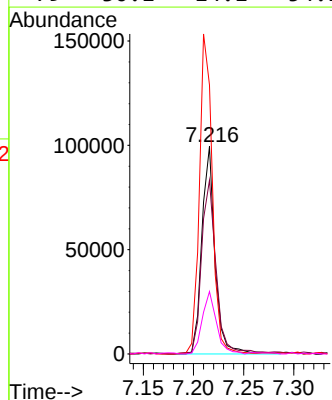
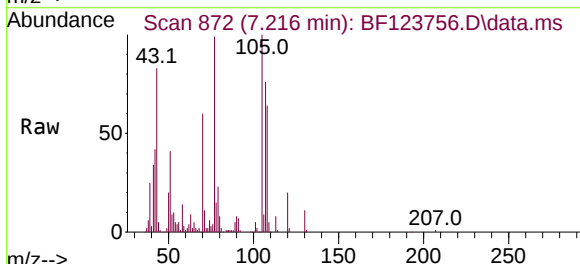


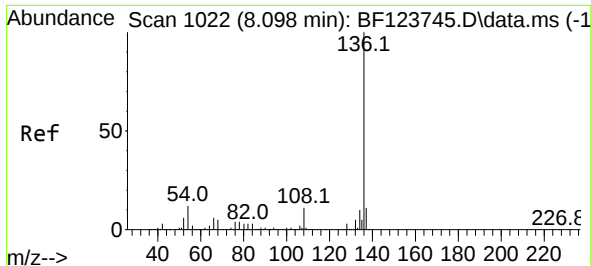
Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.6	60.1	90.1
101	7.8	7.4	11.2
130	17.9	14.2	21.2



#20
3+4-Methylphenols
Concen: 5.55 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.7	71.5	111.5
77	129.6	82.0	122.0#
79	30.1	14.1	54.1

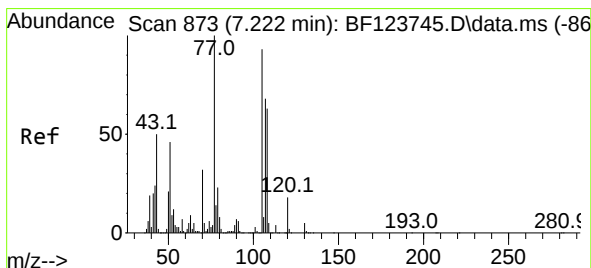
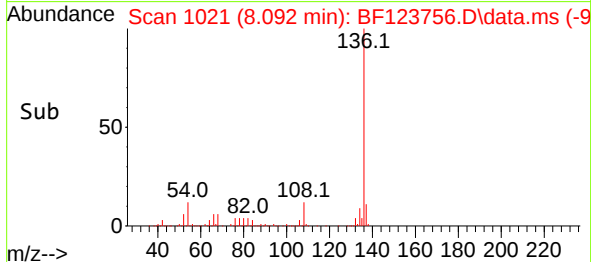
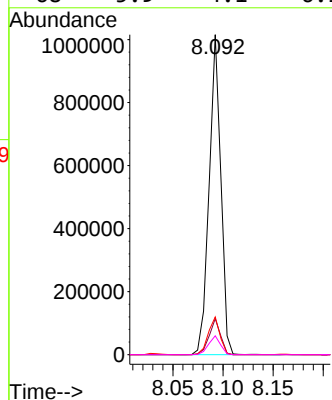
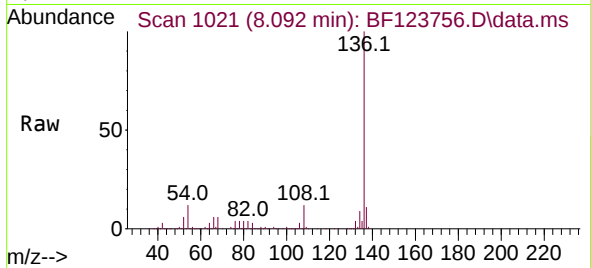




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

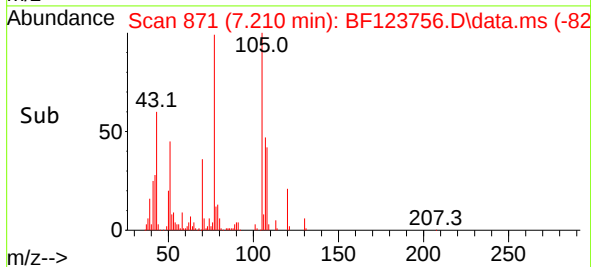
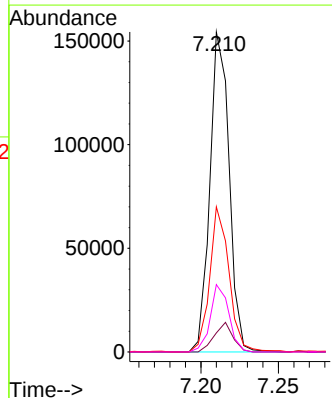
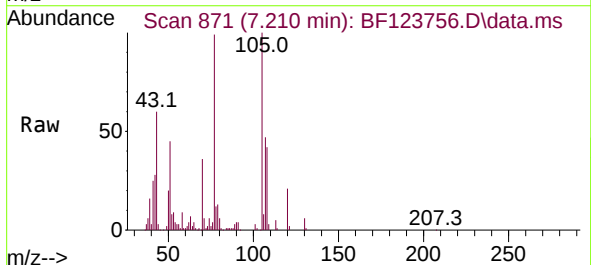
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

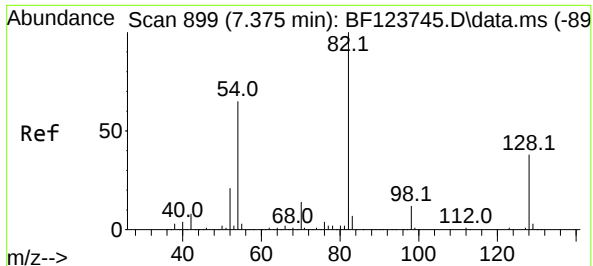
Tgt Ion:136	Resp: 826998
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 11.8	9.8 14.6
68 5.9	4.1 6.1



#22
Acetophenone
Concen: 5.94 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:105	Resp: 133517
Ion Ratio	Lower Upper
105 100	
71 5.9	4.2 6.4
51 45.3	33.6 50.4
120 21.1	16.3 24.5





#23

Nitrobenzene-d5

Concen: 85.46 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

Tgt Ion: 82 Resp: 1565641

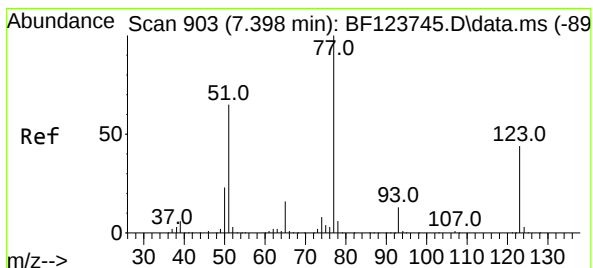
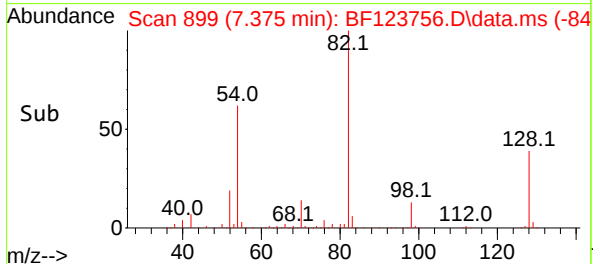
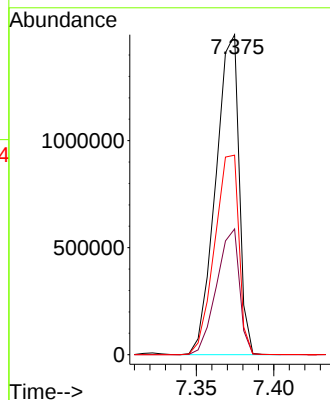
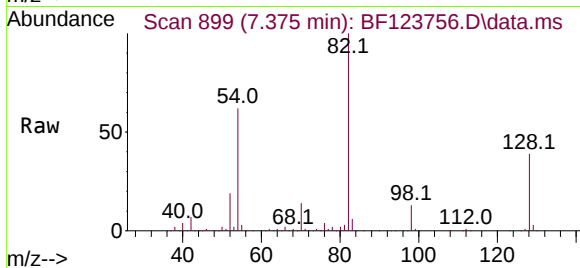
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.4	44.2
54	62.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#24

Nitrobenzene

Concen: 5.43 ng

RT: 7.386 min Scan# 901

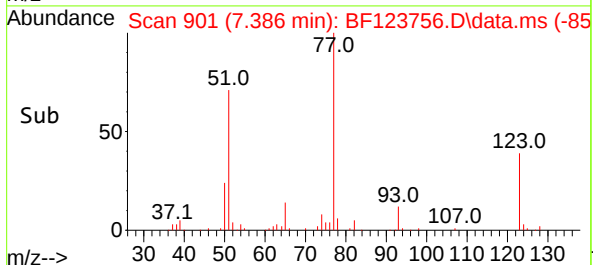
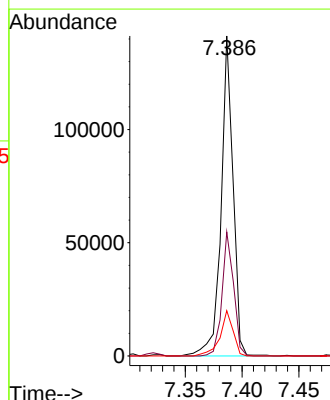
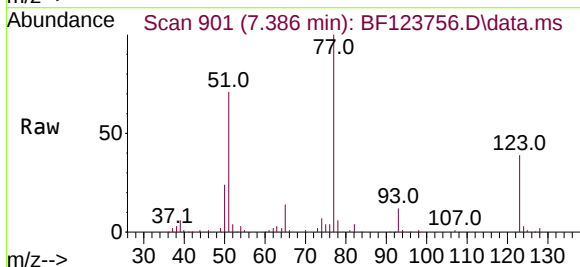
Delta R.T. -0.012 min

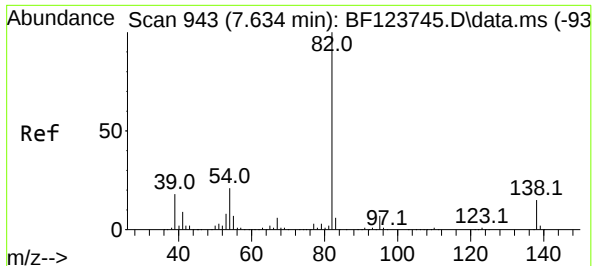
Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

Tgt Ion: 77 Resp: 103703

Ion	Ratio	Lower	Upper
77	100		
123	38.8	34.5	51.7
65	14.2	12.2	18.2

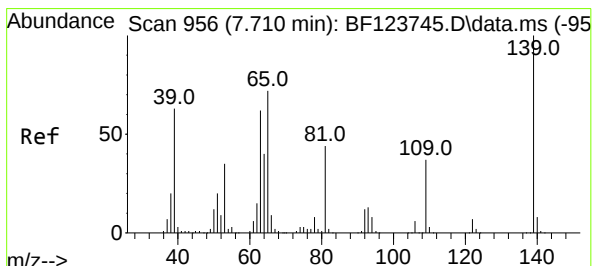
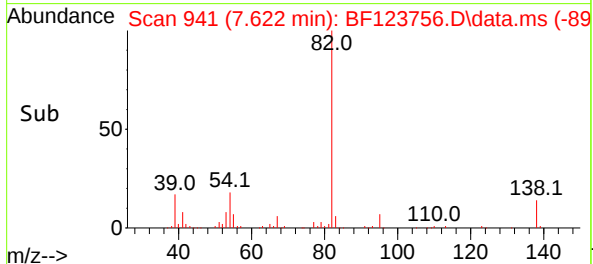
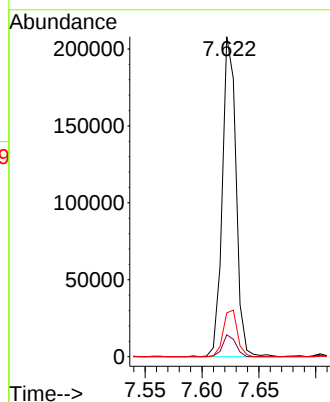
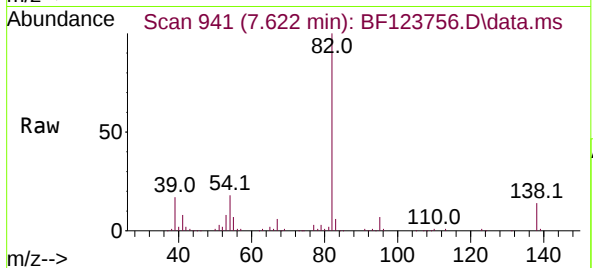




#25
Isophorone
Concen: 5.10 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

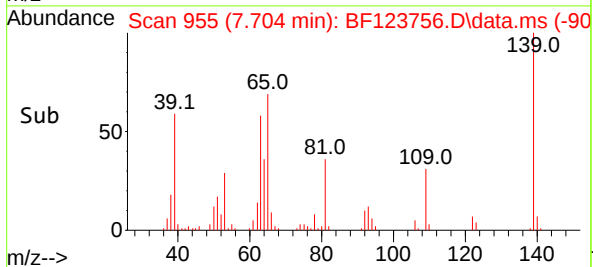
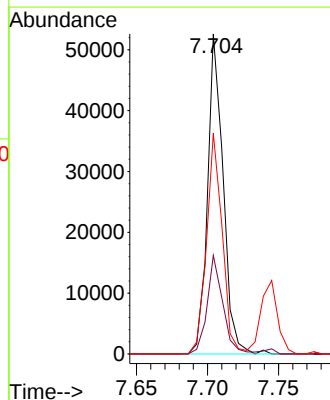
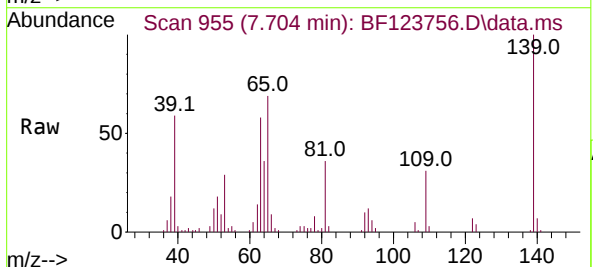
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

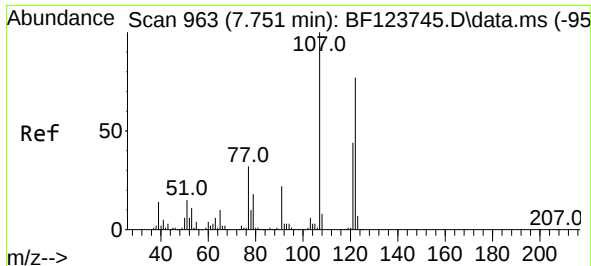
Tgt Ion: 82 Resp: 175276
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 13.7 11.8 17.8



#26
2-Nitrophenol
Concen: 5.16 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 139 Resp: 40146
Ion Ratio Lower Upper
139 100
109 30.8 28.6 43.0
65 68.9 56.8 85.2

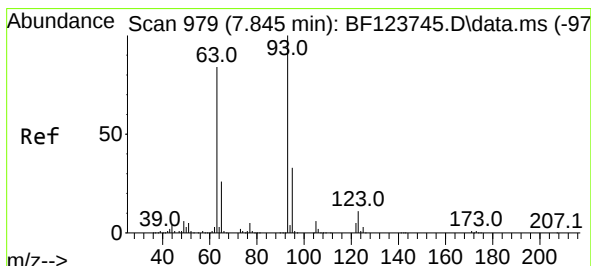
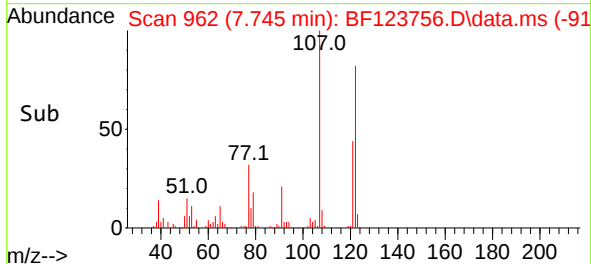
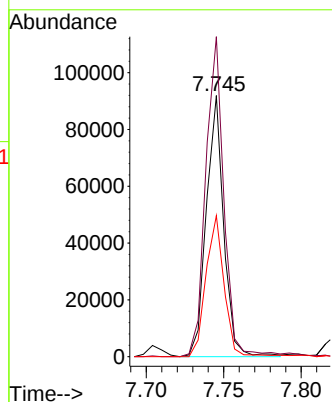
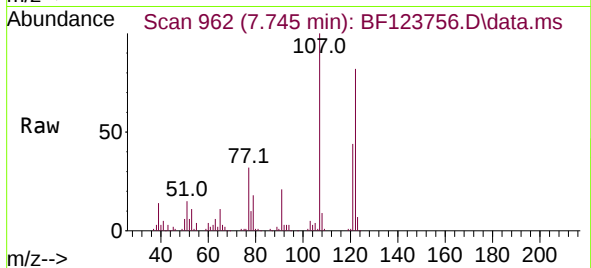




#27
2,4-Dimethylphenol
Concen: 5.88 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

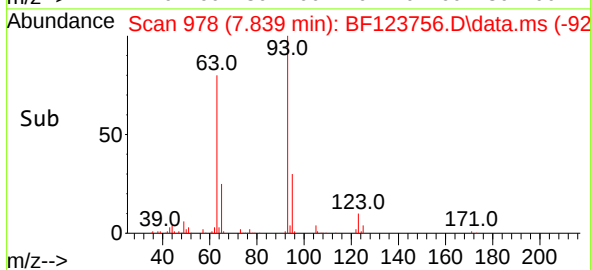
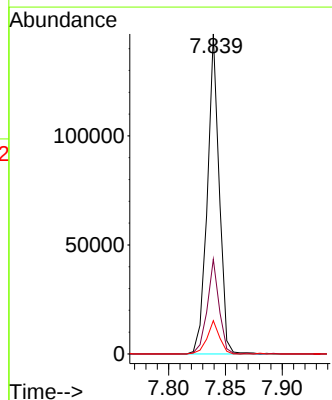
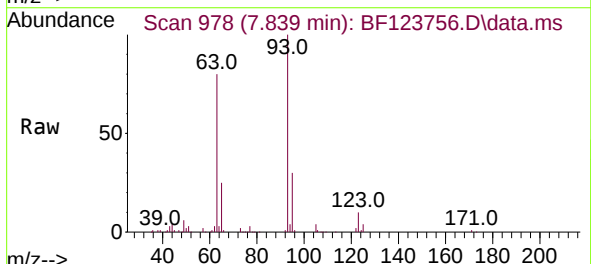
Instrument :
BNA_F
ClientSampleId :
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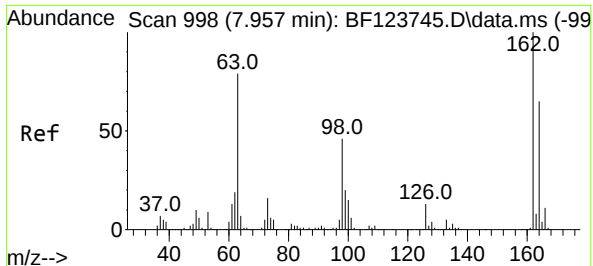
Tgt Ion:	122	Resp:	71917
Ion	Ratio	Lower	Upper
122	100		
107	122.6	106.3	159.5
121	54.0	45.4	68.0



#28
bis(2-Chloroethoxy)methane
Concen: 6.07 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:	93	Resp:	106313
Ion	Ratio	Lower	Upper
93	100		
95	29.6	26.5	39.7
123	10.4	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 5.23 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

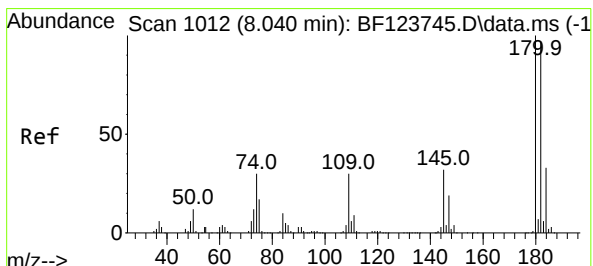
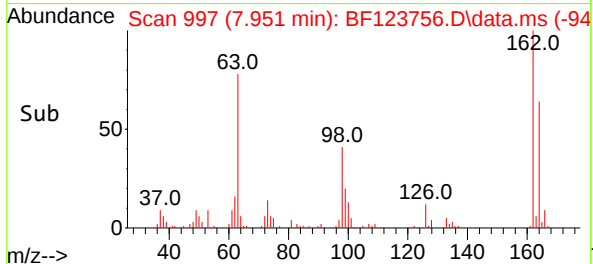
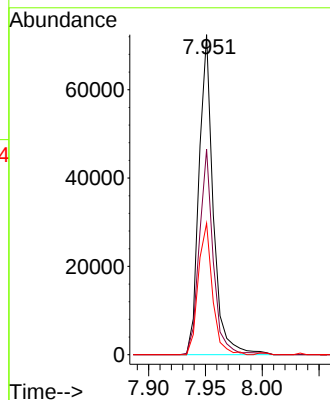
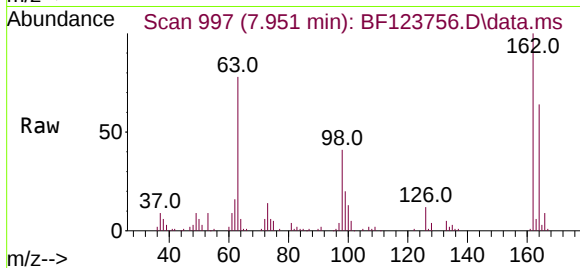
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:162	Resp:	63102
Ion Ratio	Lower	Upper
162	100	
164	64.2	44.1 84.1
98	41.1	27.3 67.3



#30

1,2,4-Trichlorobenzene

Concen: 5.61 ng

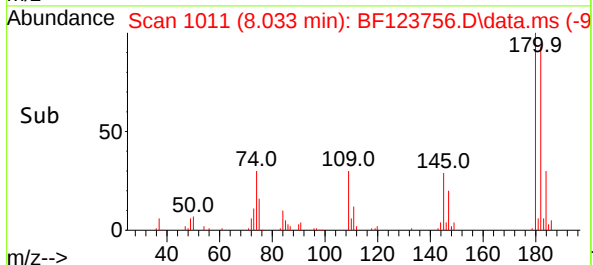
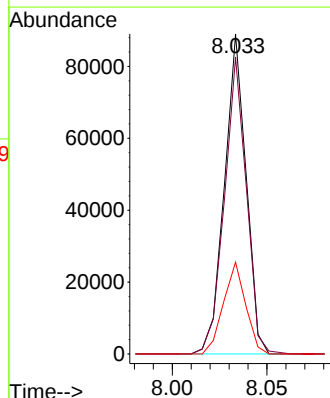
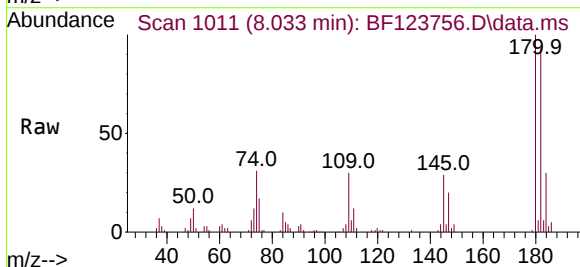
RT: 8.033 min Scan# 1011

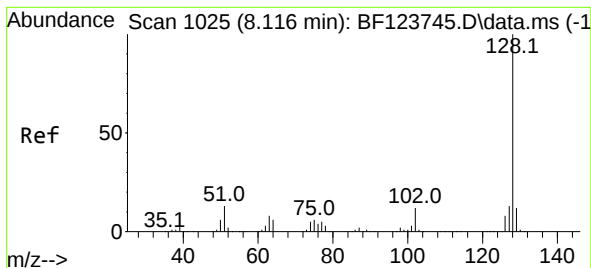
Delta R.T. -0.006 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

Tgt Ion:180	Resp:	70872
Ion Ratio	Lower	Upper
180	100	
182	92.8	77.2 115.8
145	28.7	26.0 39.0

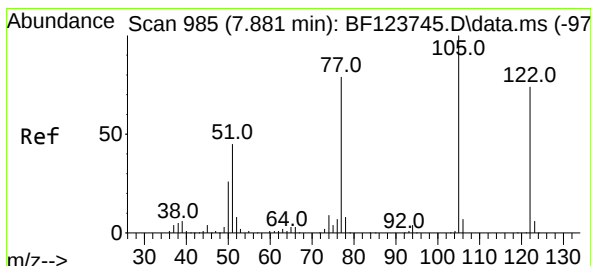
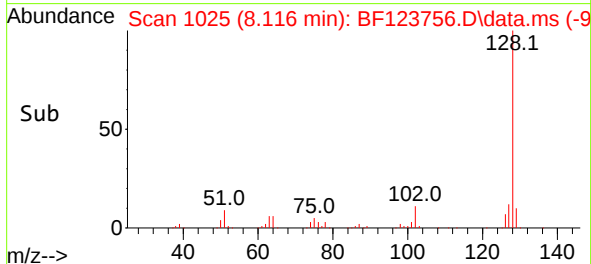
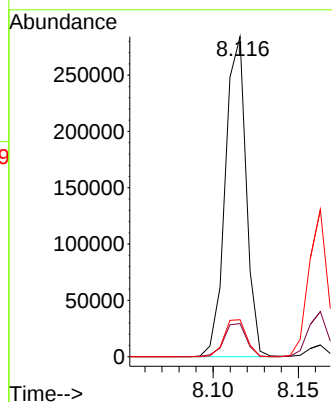
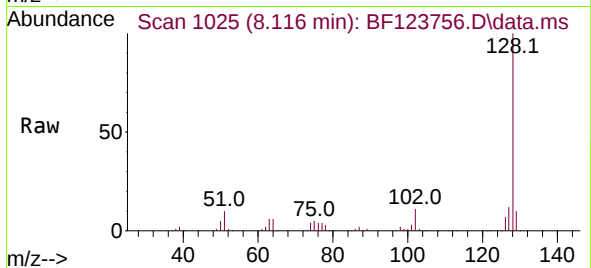




#31
Naphthalene
Concen: 5.69 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

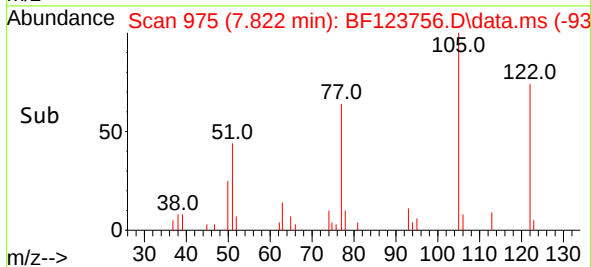
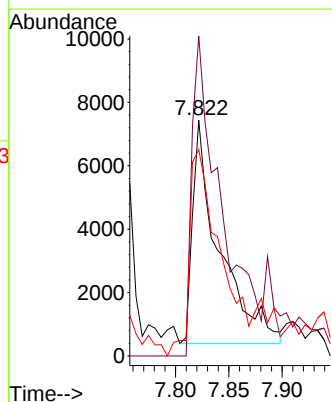
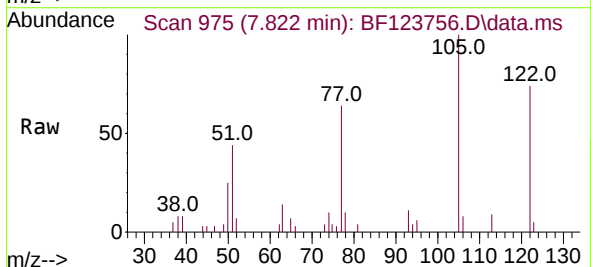
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

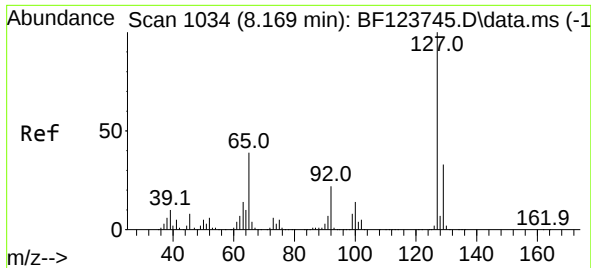
Tgt Ion:128 Resp: 242112
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 11.6 10.8 16.2



#32
Benzoic acid
Concen: 1.59 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.059 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:122 Resp: 12261
Ion Ratio Lower Upper
122 100
105 135.8 107.8 147.8
77 87.5 81.6 121.6

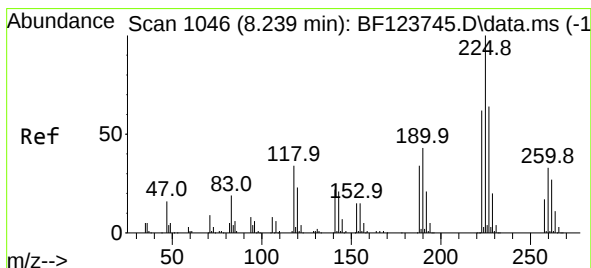
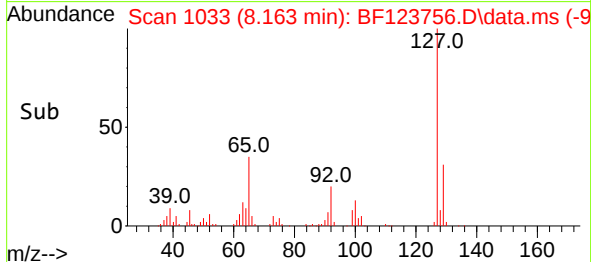
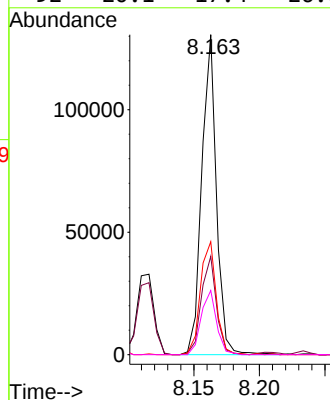
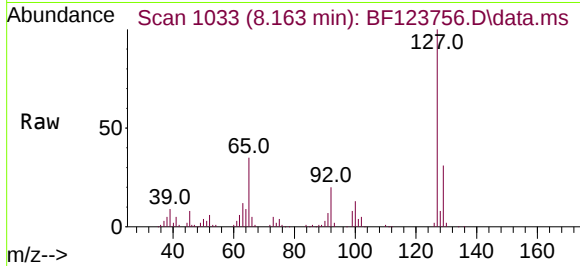




#33
4-Chloroaniline
Concen: 5.73 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

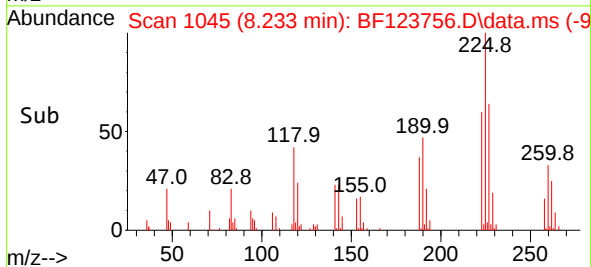
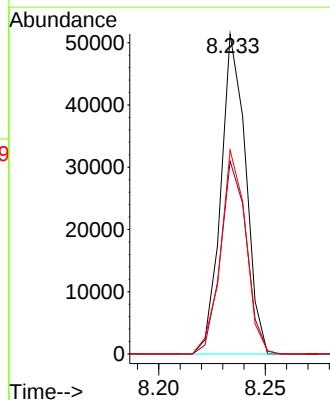
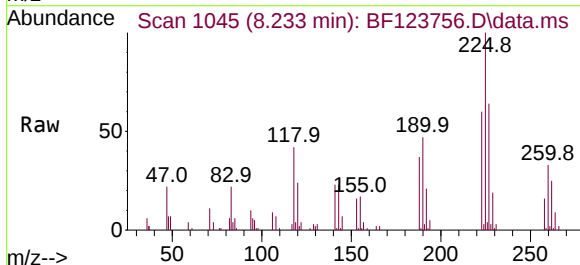
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

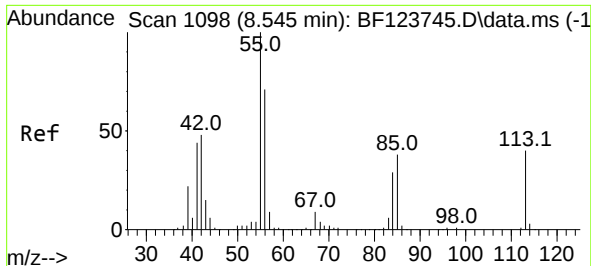
Tgt Ion:127	Resp: 101887
Ion Ratio	Lower Upper
127 100	
129 30.7	25.7 38.5
65 35.3	34.5 51.7
92 20.1	17.4 26.0



#34
Hexachlorobutadiene
Concen: 5.40 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:225	Resp: 41570
Ion Ratio	Lower Upper
225 100	
223 60.3	50.4 75.6
227 63.7	51.4 77.0

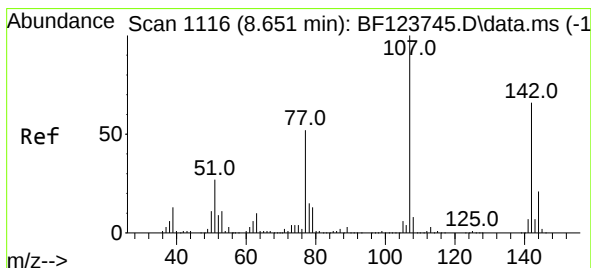
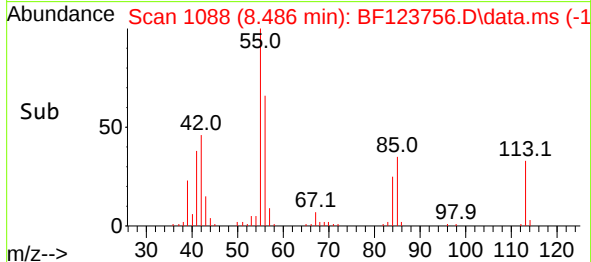
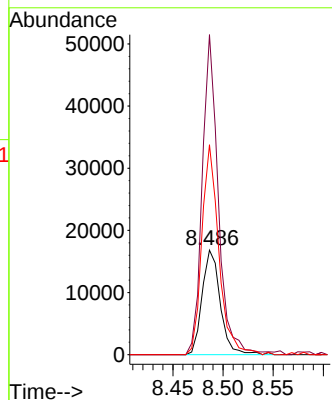
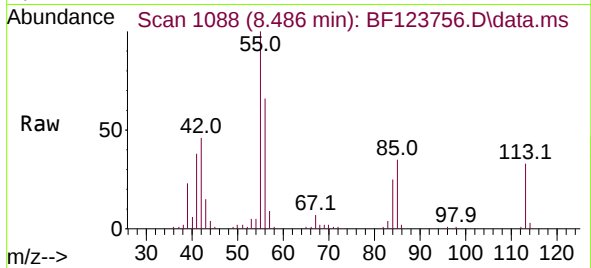




#35
Caprolactam
Concen: 5.03 ng
RT: 8.486 min Scan# 1088
Delta R.T. -0.059 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

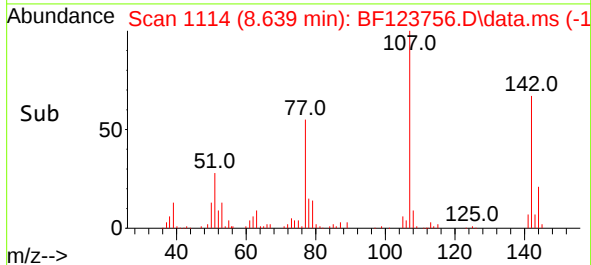
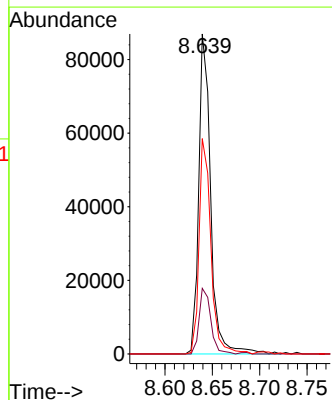
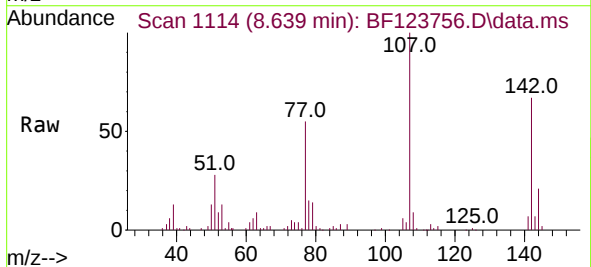
Instrument :
BNA_F
ClientSampleId :
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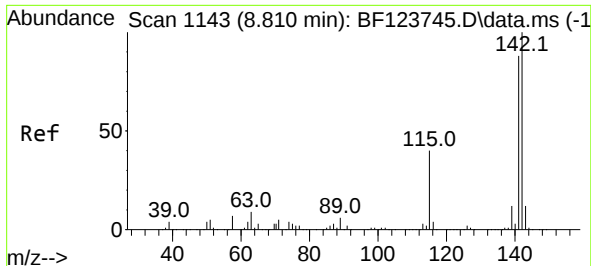
Tgt Ion:113 Resp: 21289
Ion Ratio Lower Upper
113 100
55 306.2 254.9 294.9#
56 200.9 179.4 219.4



#36
4-Chloro-3-methylphenol
Concen: 5.10 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:107 Resp: 76779
Ion Ratio Lower Upper
107 100
144 20.5 16.3 24.5
142 67.3 50.1 75.1

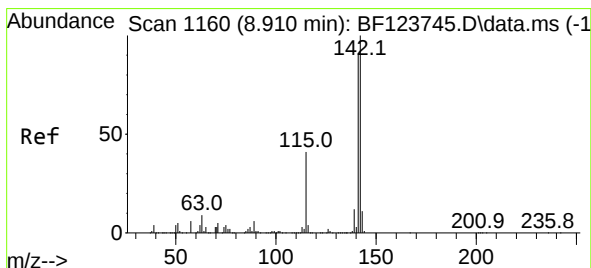
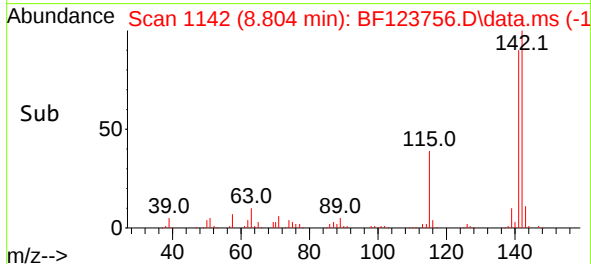
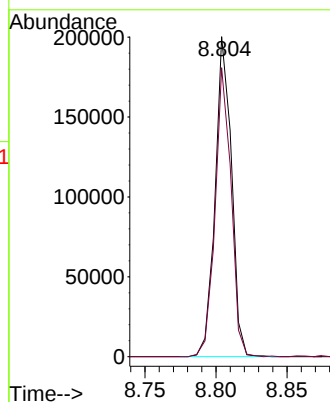
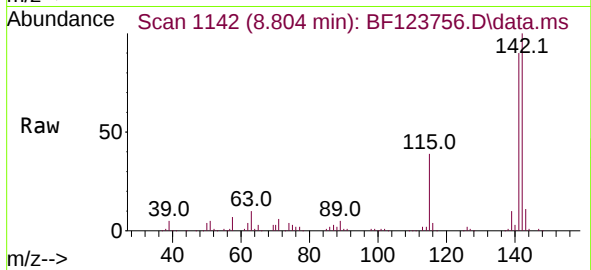




#37
2-Methylnaphthalene
Concen: 5.75 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

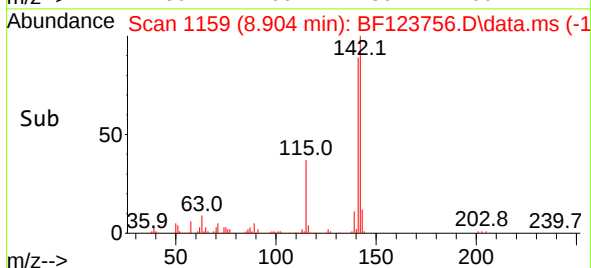
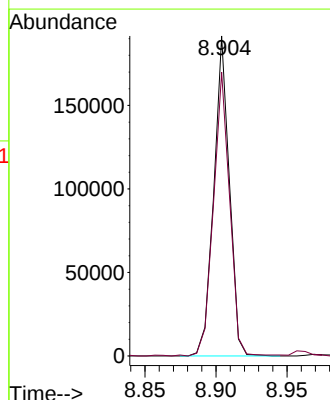
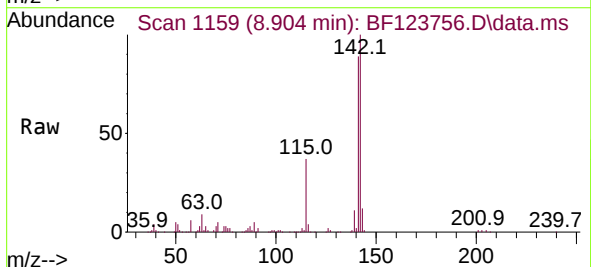
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

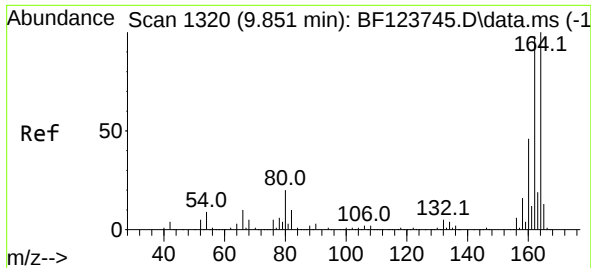
Tgt Ion:142 Resp: 159614
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.6



#38
1-Methylnaphthalene
Concen: 5.61 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:142 Resp: 146263
Ion Ratio Lower Upper
142 100
141 88.7 72.8 109.2

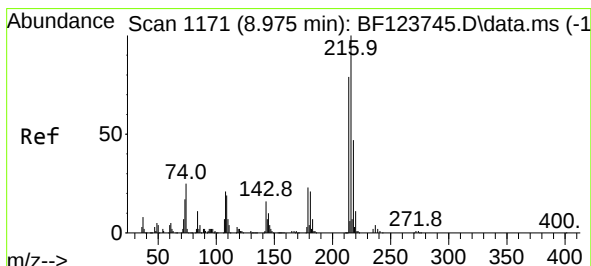
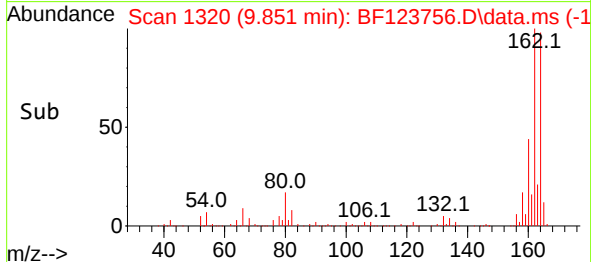
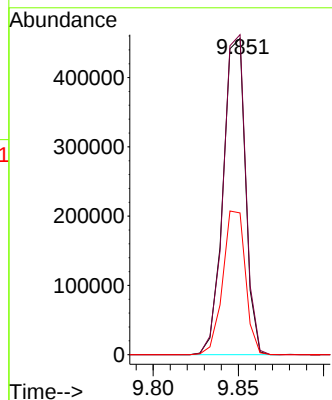
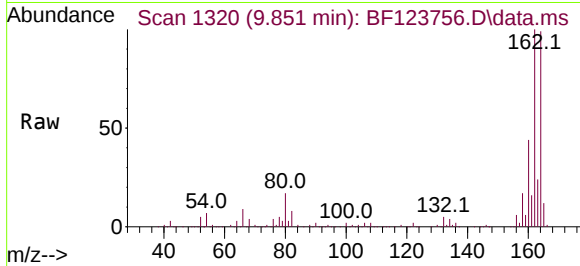




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

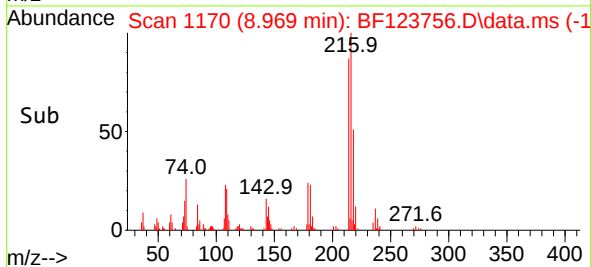
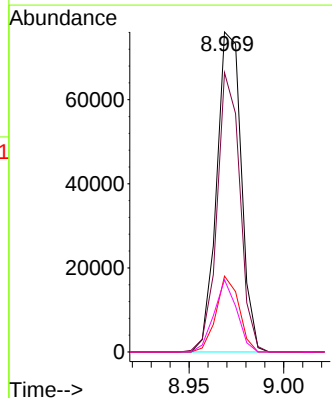
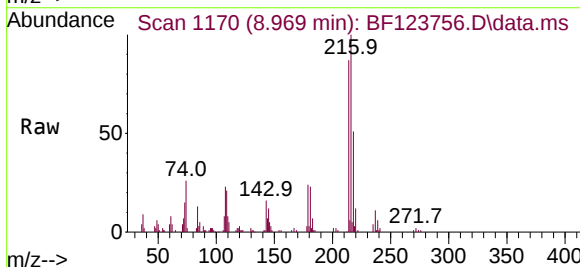
Instrument :
BNA_F
ClientSampleId :
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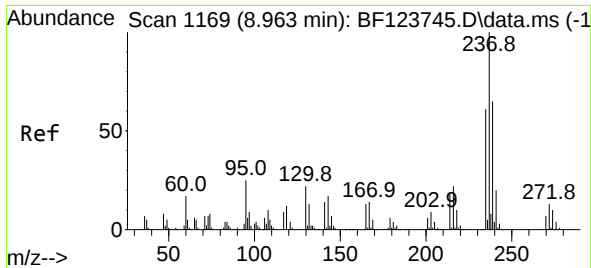
Tgt Ion:164 Resp: 415400
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 44.8 37.3 55.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.63 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:216 Resp: 68820
Ion Ratio Lower Upper
216 100
214 81.0 63.8 95.8
179 22.1 17.9 26.9
108 20.8 18.6 28.0

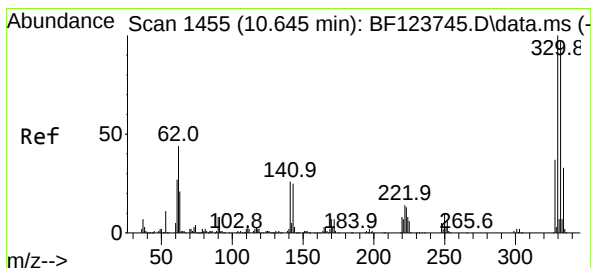
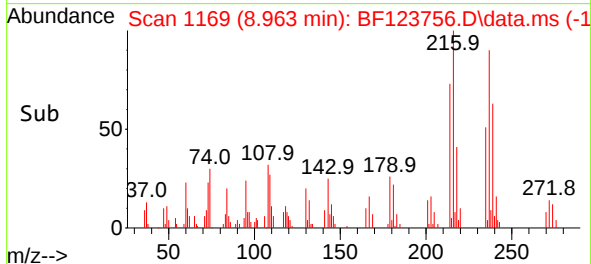
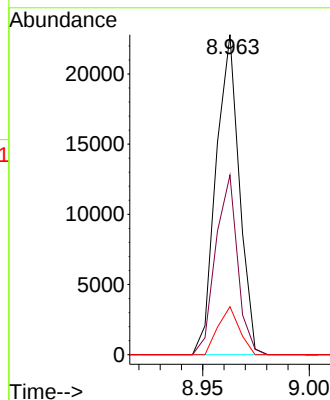
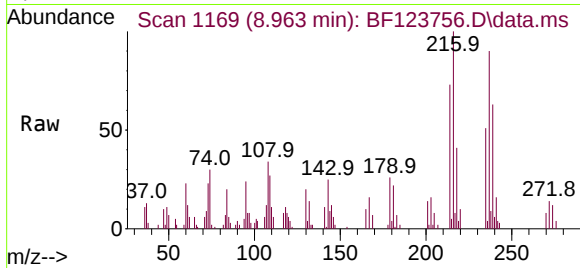




#41
Hexachlorocyclopentadiene
Concen: 3.57 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

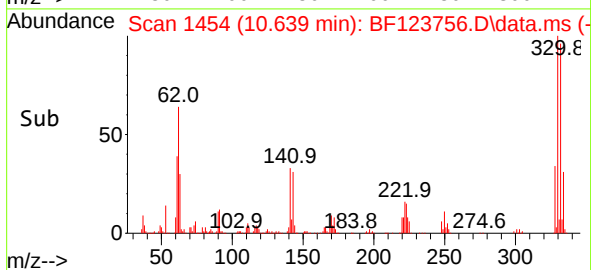
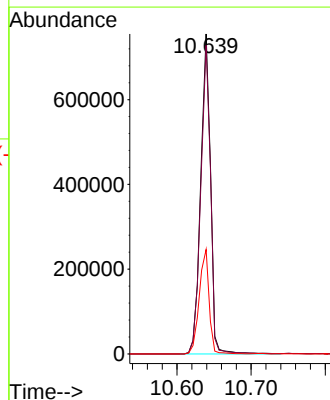
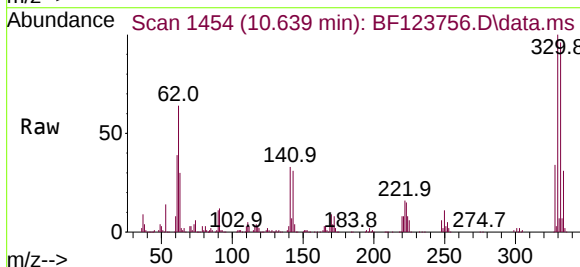
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

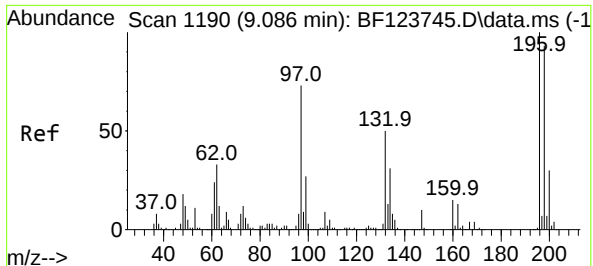
Tgt Ion:237 Resp: 17297
Ion Ratio Lower Upper
237 100
235 56.1 38.8 78.8
272 15.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 134.02 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:330 Resp: 693038
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 32.9 27.9 41.9

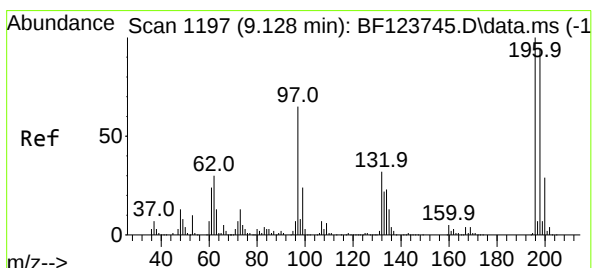
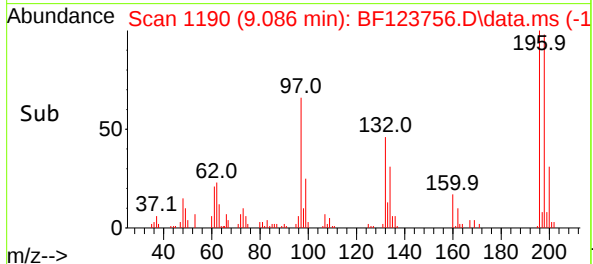
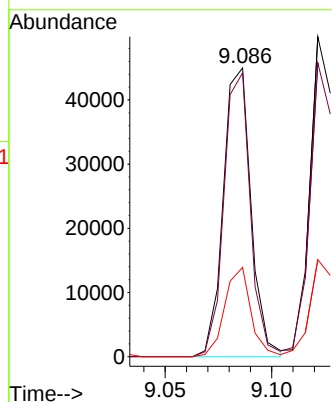
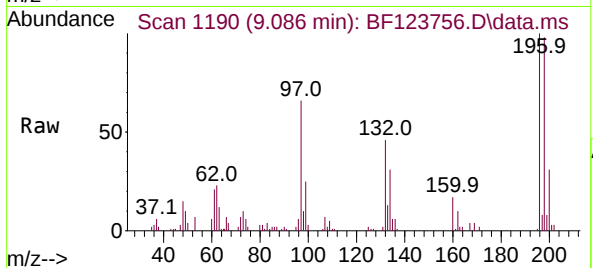




#43
2,4,6-Trichlorophenol
Concen: 4.84 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

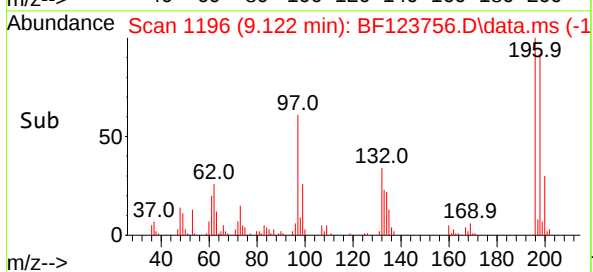
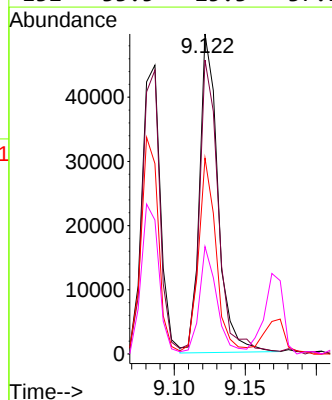
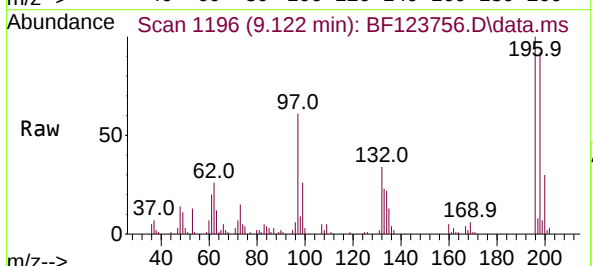
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

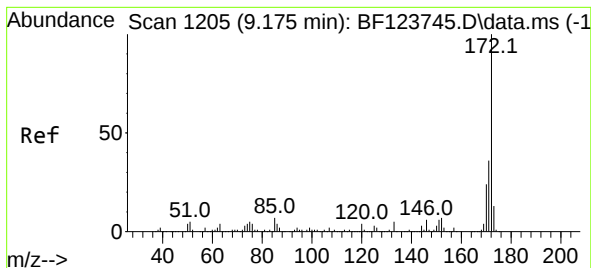
Tgt Ion:196 Resp: 40752
Ion Ratio Lower Upper
196 100
198 98.3 78.2 117.2
200 30.9 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 4.95 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:196 Resp: 44758
Ion Ratio Lower Upper
196 100
198 91.8 76.5 114.7
97 61.2 52.9 79.3
132 33.5 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 82.52 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

Tgt Ion:172 Resp: 2353720

Ion Ratio Lower Upper

172 100

171 35.9 28.1 42.1

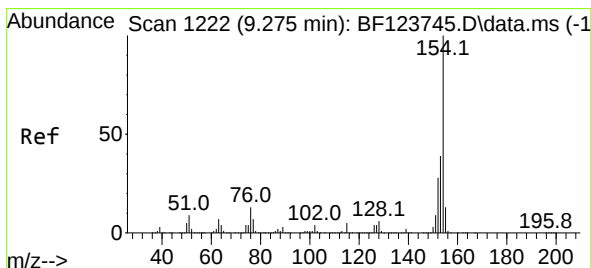
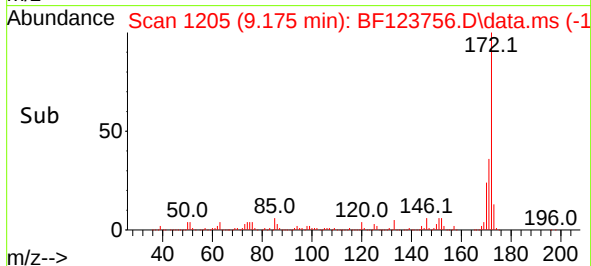
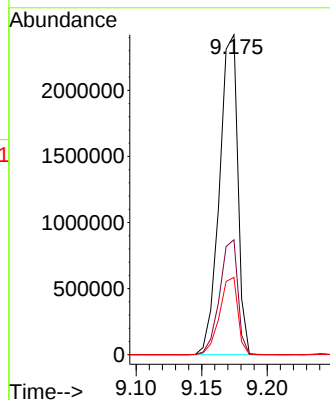
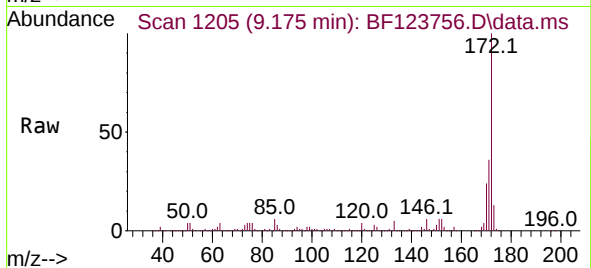
170 24.1 19.2 28.8

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#46

1,1'-Biphenyl

Concen: 5.90 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

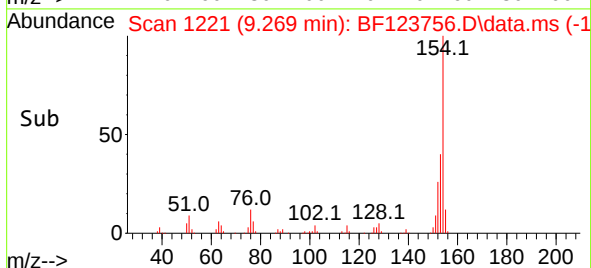
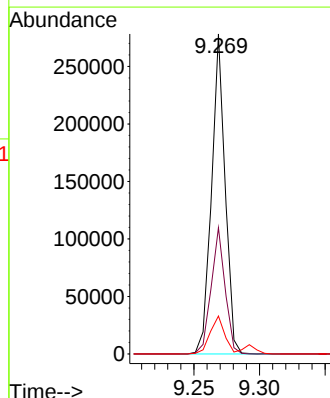
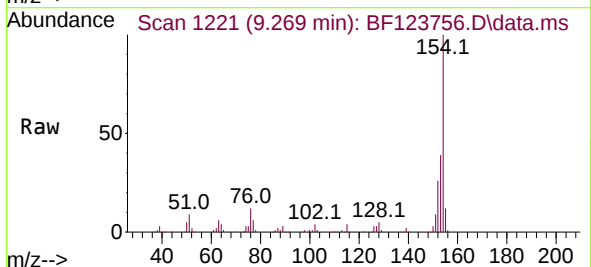
Tgt Ion:154 Resp: 200624

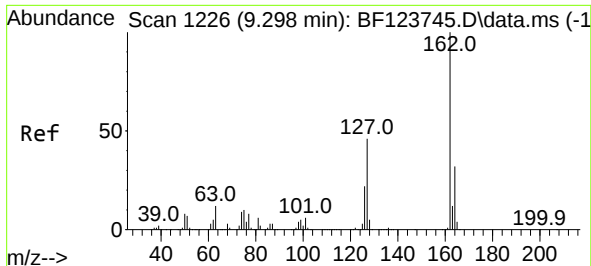
Ion Ratio Lower Upper

154 100

153 39.4 20.7 60.7

76 11.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 5.61 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

Tgt Ion:162 Resp: 143953

Ion Ratio Lower Upper

162 100

127 43.0 36.2 54.2

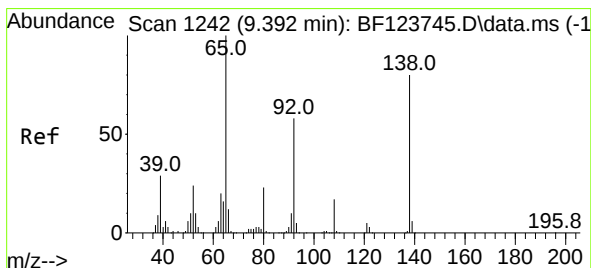
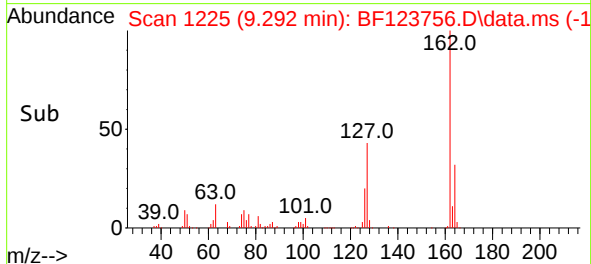
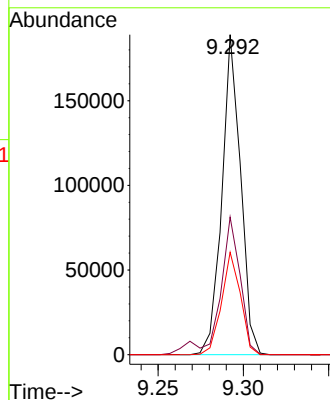
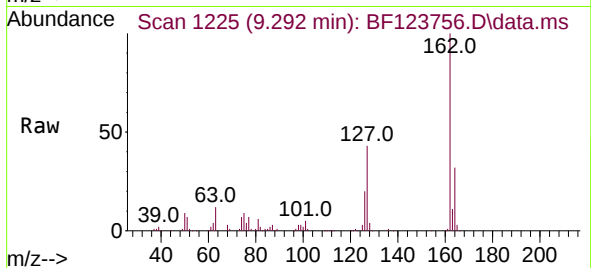
164 32.0 25.4 38.2

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#48

2-Nitroaniline

Concen: 5.07 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

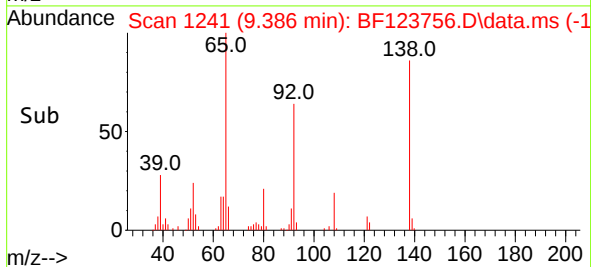
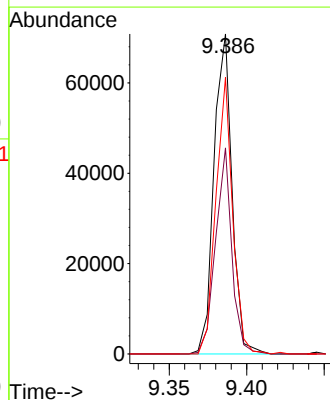
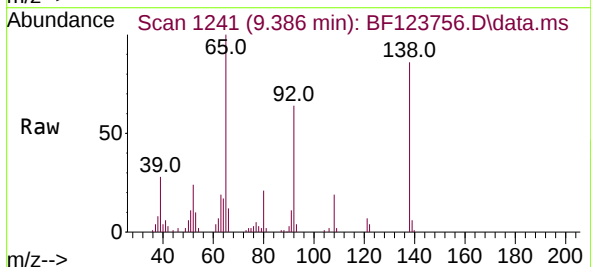
Tgt Ion: 65 Resp: 57301

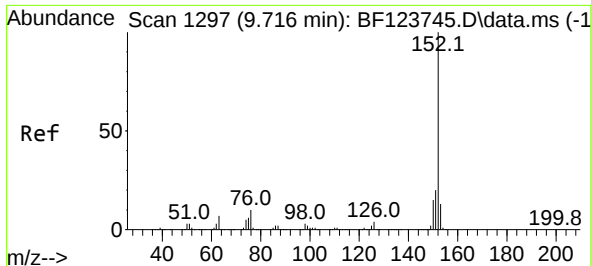
Ion Ratio Lower Upper

65 100

92 64.4 47.1 70.7

138 86.4 70.2 105.2





#49

Acenaphthylene

Concen: 5.77 ng

RT: 9.710 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021

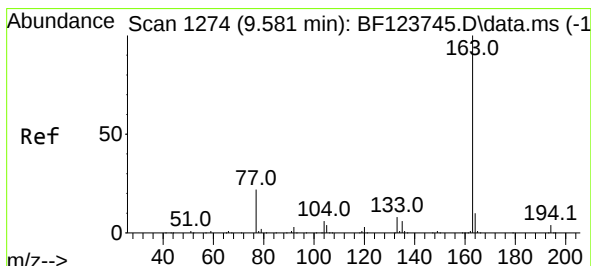
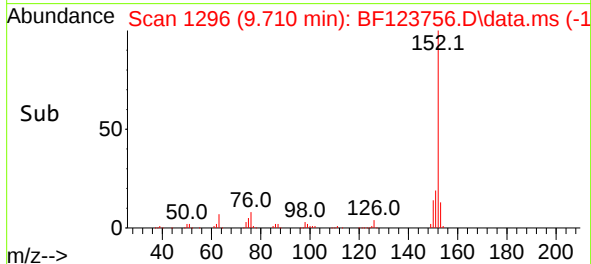
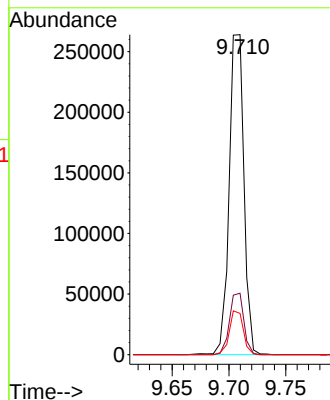
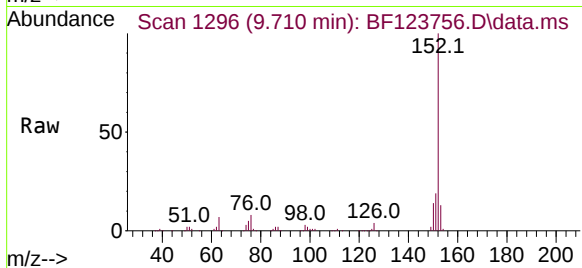
Tgt Ion:152 Resp: 238924

Ion Ratio Lower Upper

152 100

151 19.2 16.0 24.0

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 5.63 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.018 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

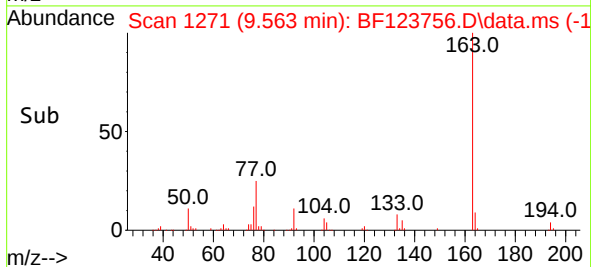
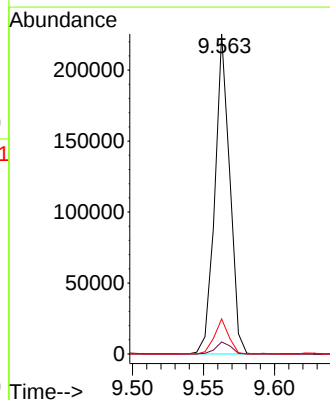
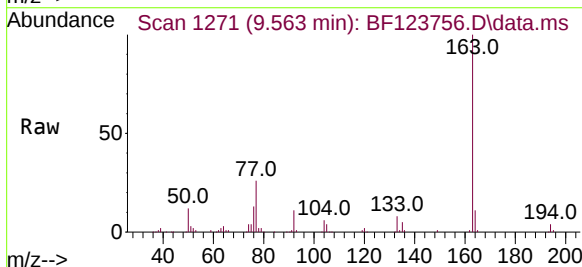
Tgt Ion:163 Resp: 164709

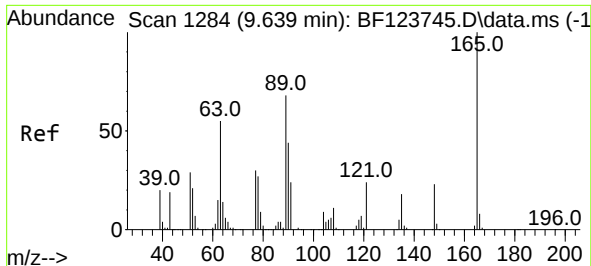
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 11.0 8.2 12.2

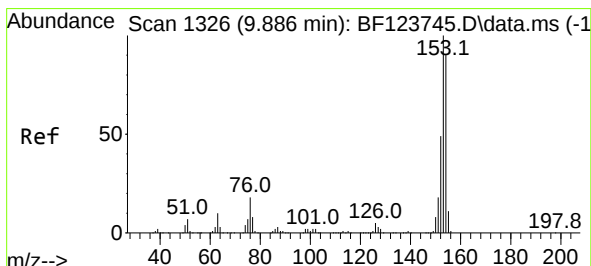
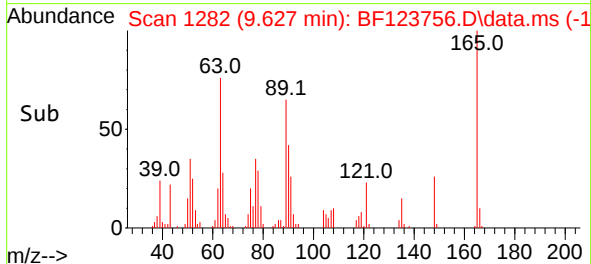
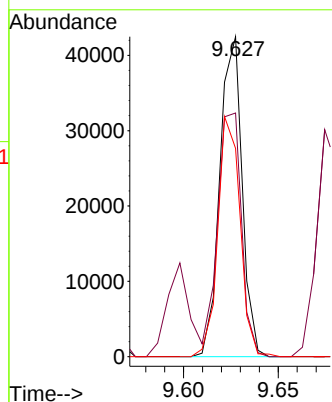
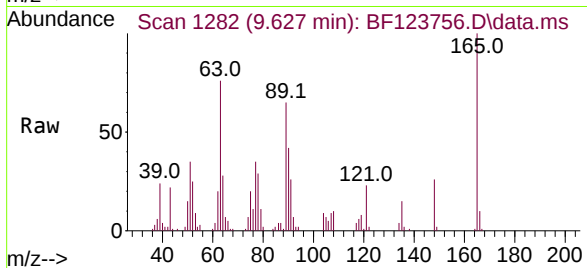




#51
2,6-Dinitrotoluene
Concen: 5.12 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

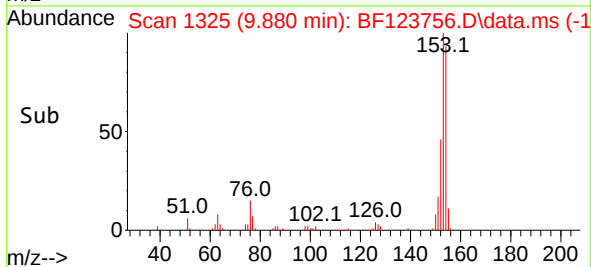
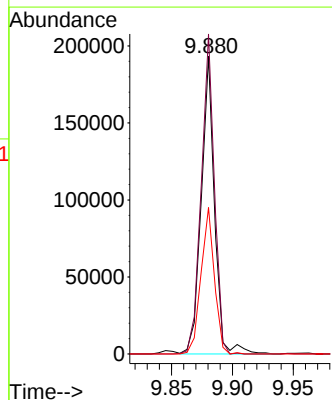
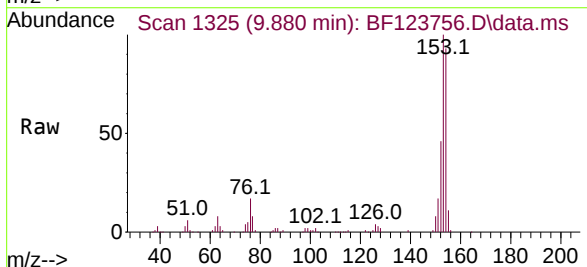
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

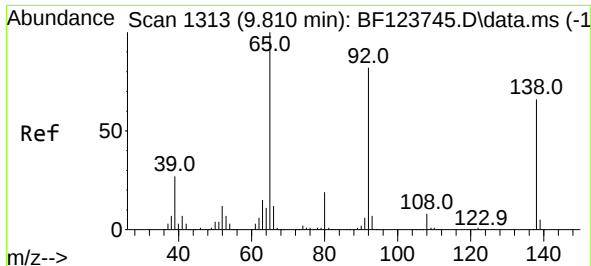
Tgt Ion:165 Resp: 34639
Ion Ratio Lower Upper
165 100
63 76.1 67.7 101.5
89 65.1 58.8 88.2



#52
Acenaphthene
Concen: 5.83 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:154 Resp: 147031
Ion Ratio Lower Upper
154 100
153 107.4 88.1 132.1
152 49.2 43.4 65.0

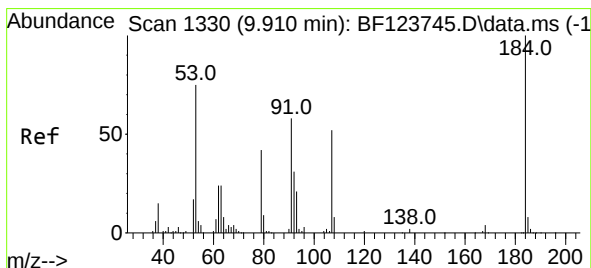
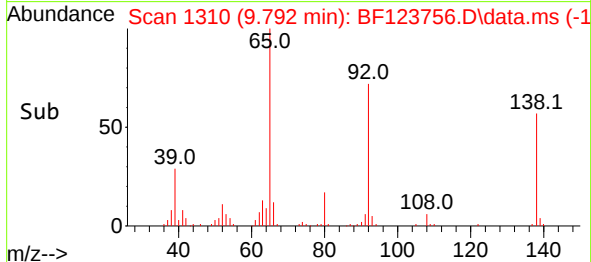
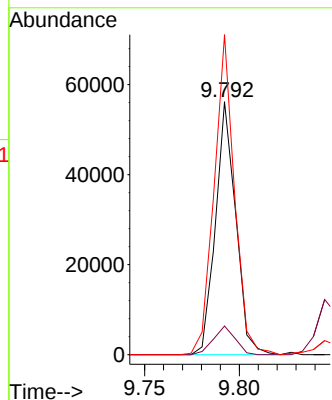
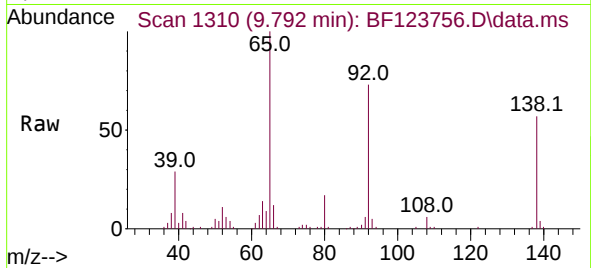




#53
3-Nitroaniline
Concen: 5.19 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

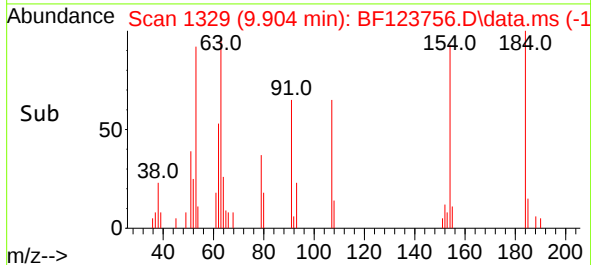
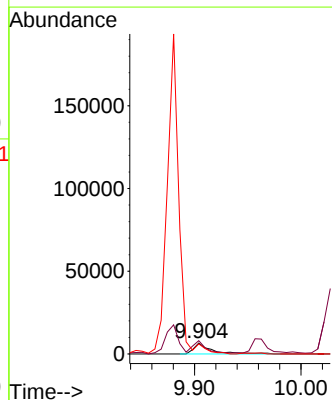
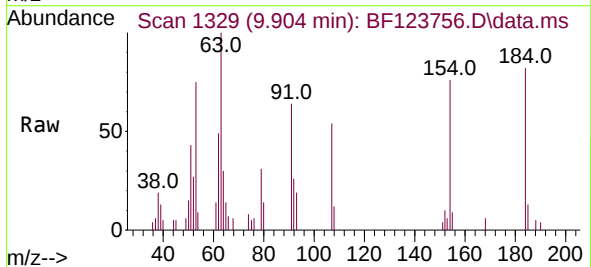
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

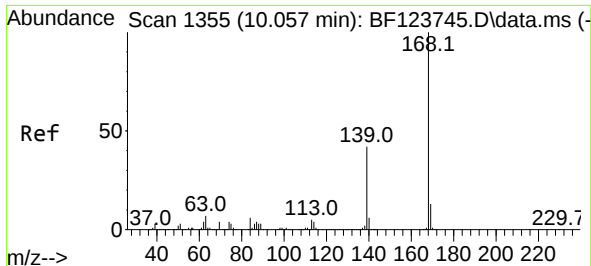
Tgt Ion:138 Resp: 41904
Ion Ratio Lower Upper
138 100
108 11.3 10.2 15.4
92 126.5 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 2.12 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

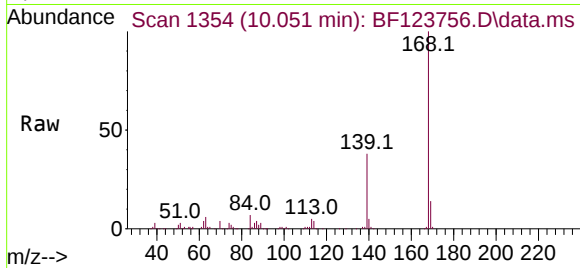
Tgt Ion:184 Resp: 7625
Ion Ratio Lower Upper
184 100
63 121.3 73.5 110.3#
154 92.6 52.5 78.7#



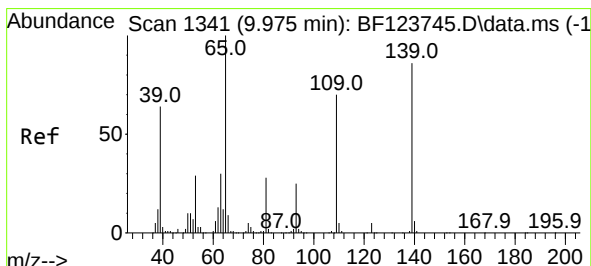
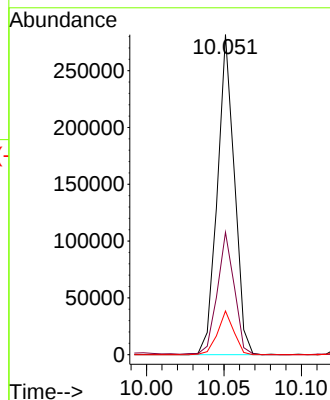
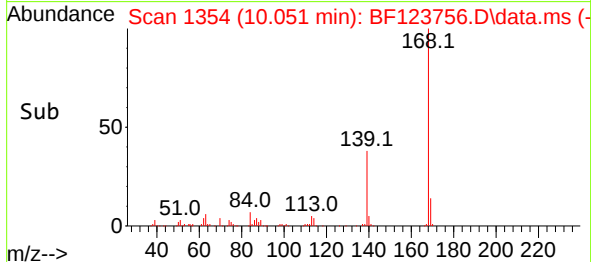


#55
Dibenzenofuran
Concen: 5.64 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

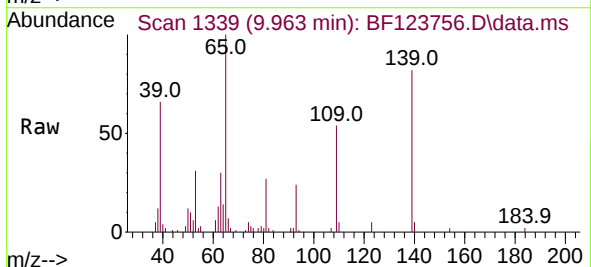
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021



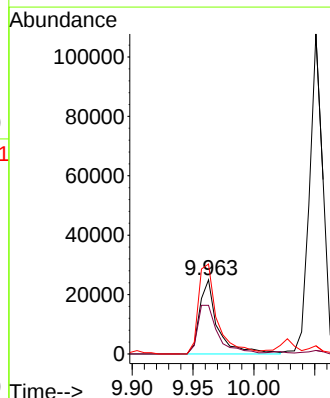
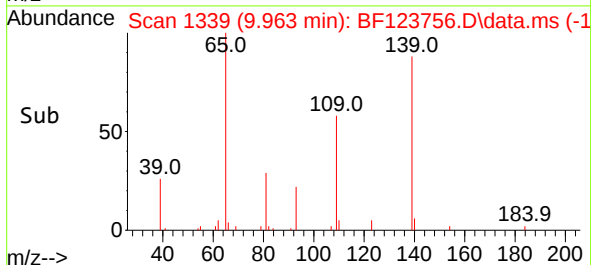
Tgt Ion:168 Resp: 215391
Ion Ratio Lower Upper
168 100
139 38.3 33.2 49.8
169 13.6 10.8 16.2

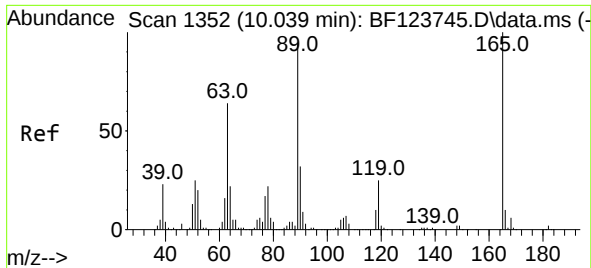


#56
4-Nitrophenol
Concen: 4.42 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05



Tgt Ion:139 Resp: 25984
Ion Ratio Lower Upper
139 100
109 65.6 63.2 103.2
65 121.3 110.0 150.0

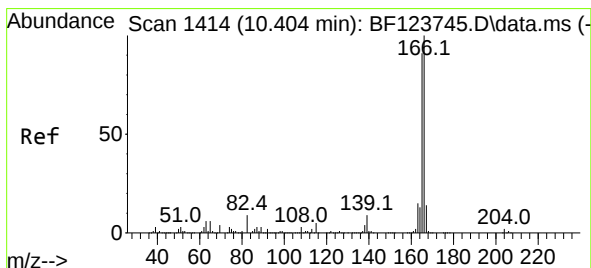
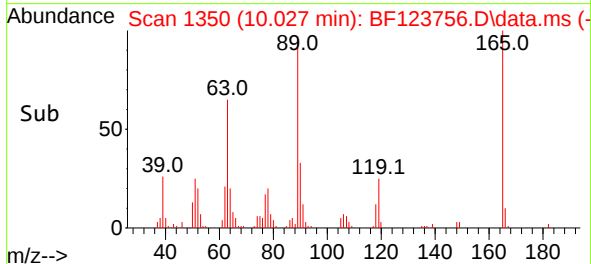
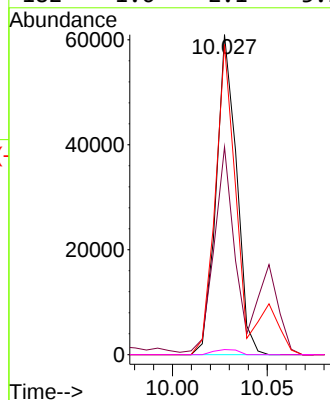
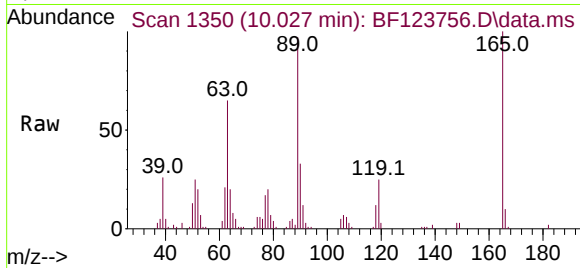




#57
2,4-Dinitrotoluene
Concen: 4.97 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

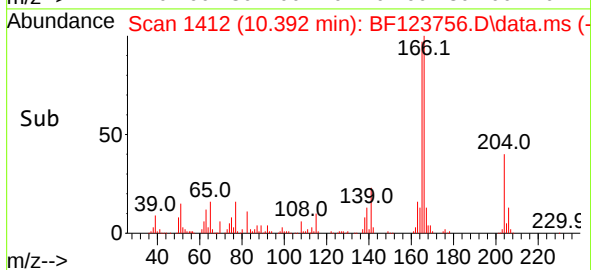
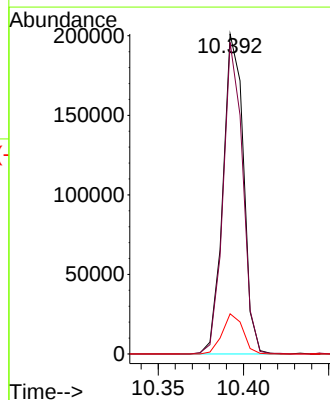
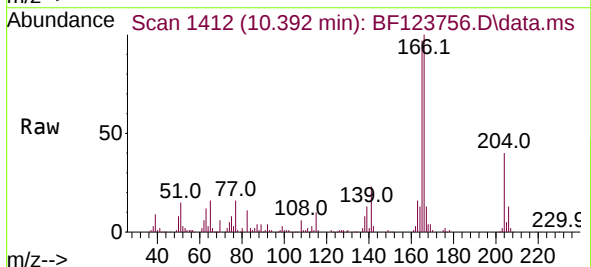
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

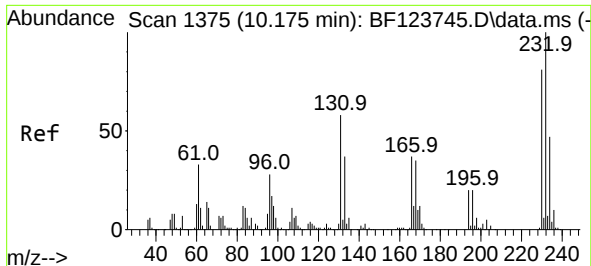
Tgt Ion:165 Resp: 45853
Ion Ratio Lower Upper
165 100
63 64.9 43.5 65.3
89 96.9 67.7 101.5
182 1.6 2.1 3.1#



#58
Fluorene
Concen: 5.72 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:166 Resp: 167798
Ion Ratio Lower Upper
166 100
165 97.3 73.5 110.3
167 12.5 10.7 16.1



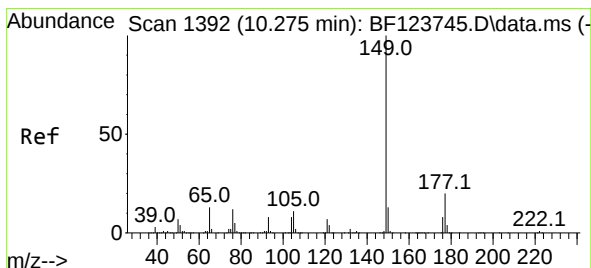
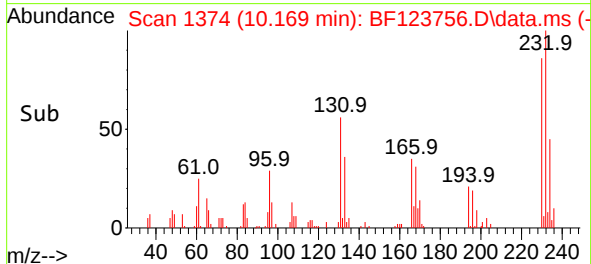
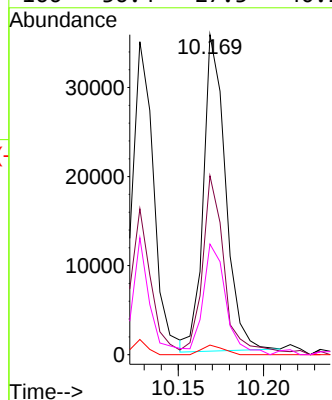
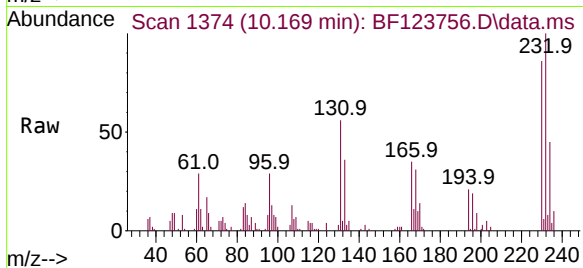


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.47 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

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

Tgt Ion:232 Resp: 32008

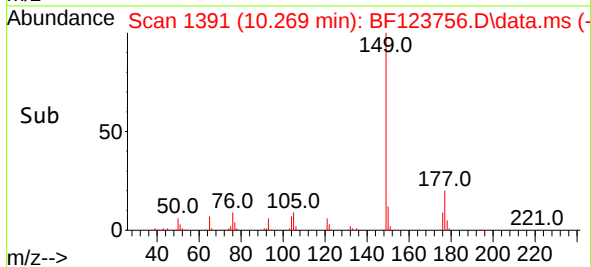
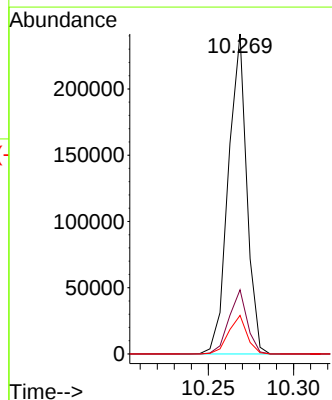
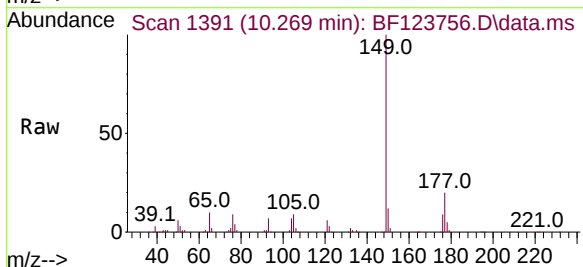
Ion	Ratio	Lower	Upper
232	100		
131	57.5	43.2	64.8
130	3.0	2.2	3.2
166	36.4	27.3	40.9

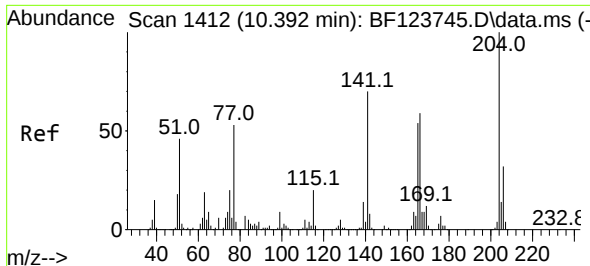


#60
Diethylphthalate
Concen: 5.81 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:149 Resp: 180955

Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.4	23.2
150	12.1	9.9	14.9

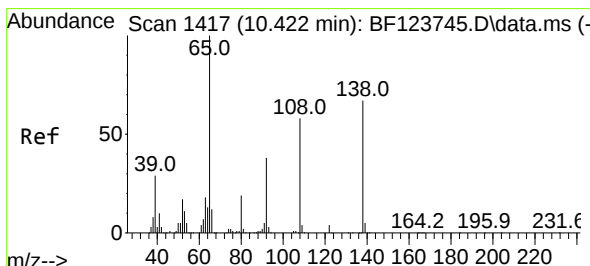
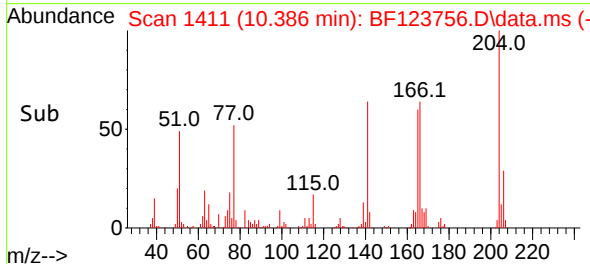
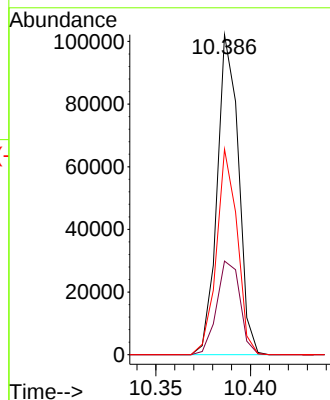
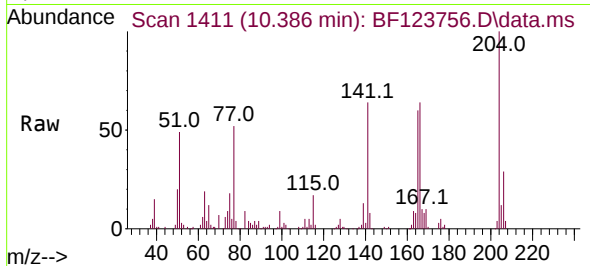




#61
4-Chlorophenyl-phenylether
Concen: 5.86 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

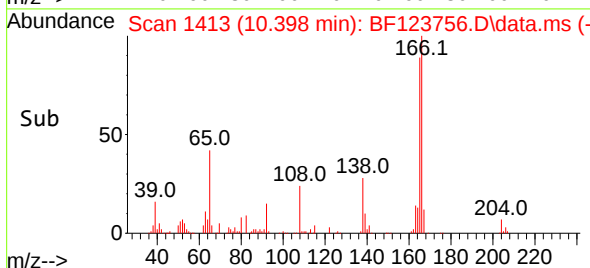
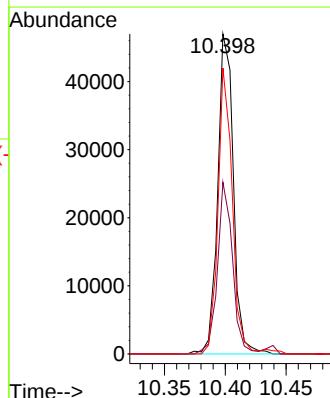
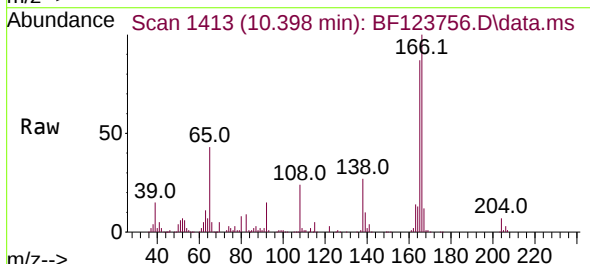
Instrument :
BNA_F
ClientSampleId :
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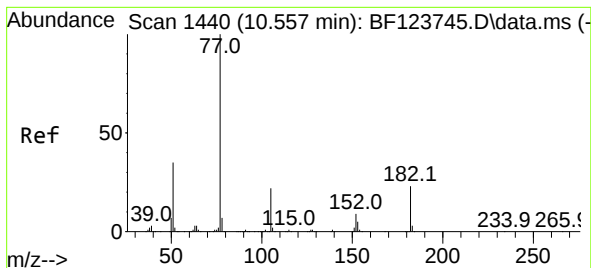
Tgt Ion:204 Resp: 80092
Ion Ratio Lower Upper
204 100
206 29.2 25.7 38.5
141 64.2 55.5 83.3



#62
4-Nitroaniline
Concen: 5.27 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.024 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:138 Resp: 42168
Ion Ratio Lower Upper
138 100
92 53.6 35.8 75.8
108 89.3 63.6 103.6

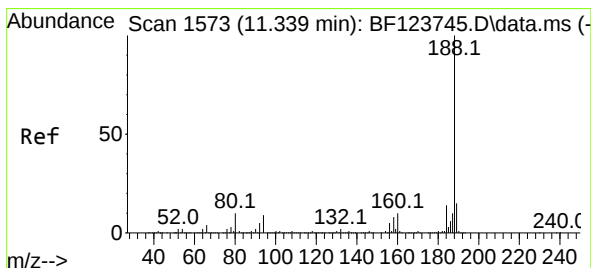
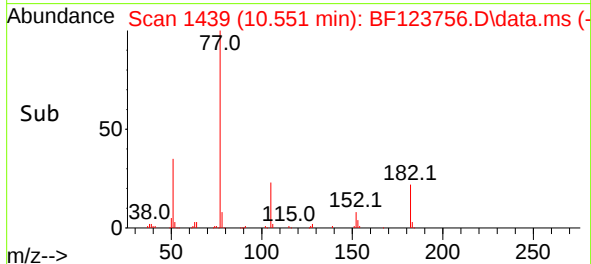
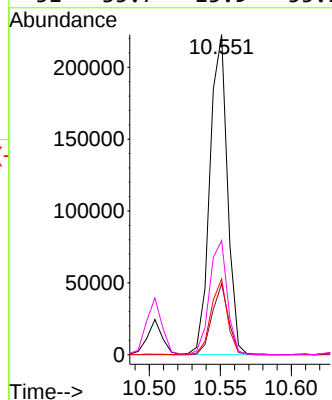
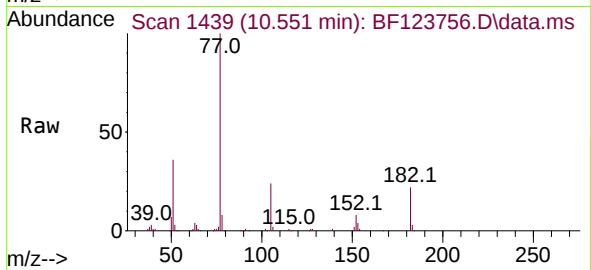




#63
Azobenzene
Concen: 5.36 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

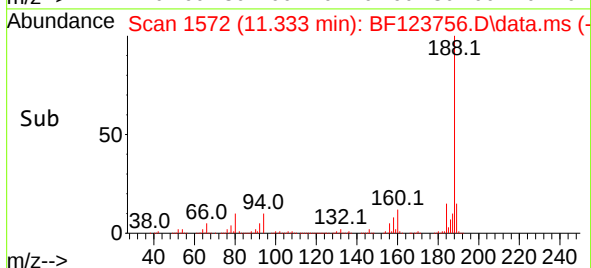
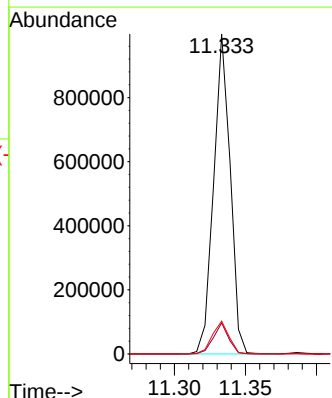
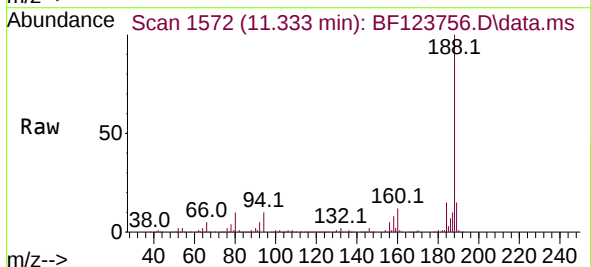
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

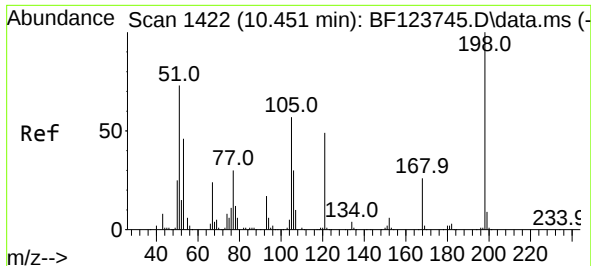
Tgt Ion: 77	Resp: 191847
Ion Ratio	Lower Upper
77 100	
182 22.2	1.7 41.7
105 23.7	1.7 41.7
51 35.7	15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 188	Resp: 811684
Ion Ratio	Lower Upper
188 100	
94 9.7	6.9 10.3
80 10.3	8.2 12.2

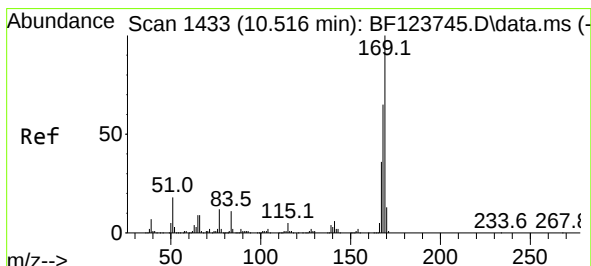
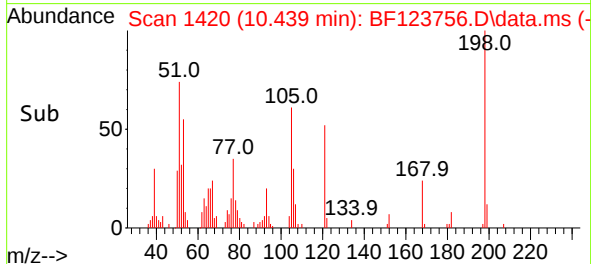
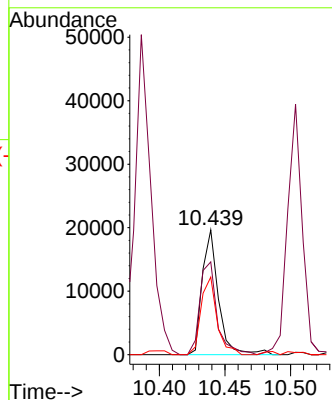
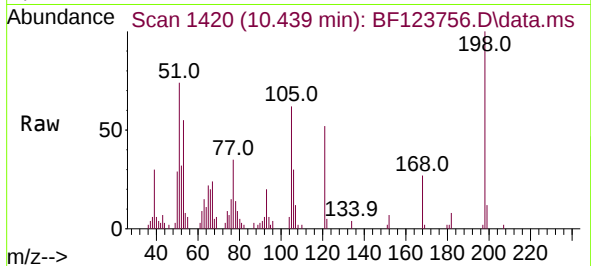




#65
4,6-Dinitro-2-methylphenol
Concen: 3.37 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

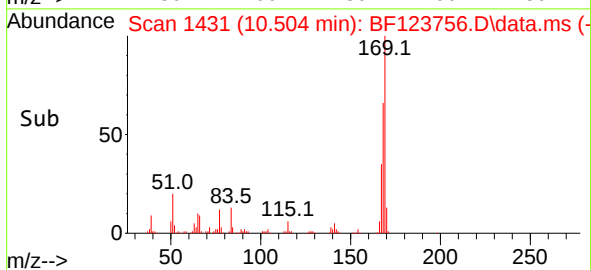
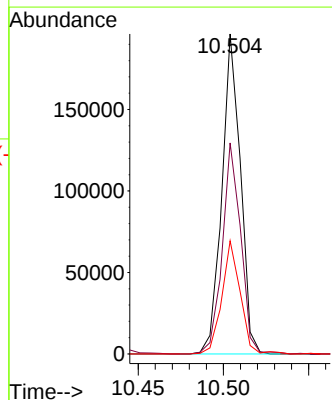
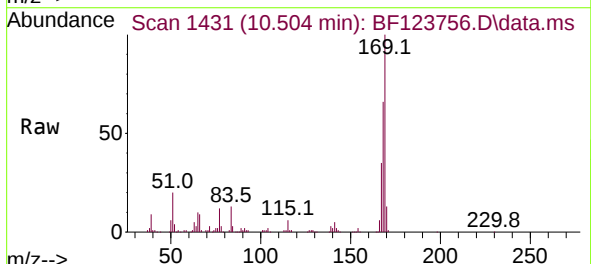
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

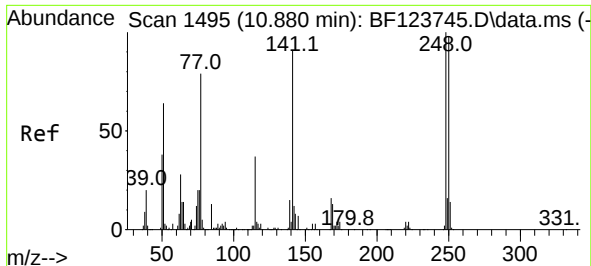
Tgt Ion:198 Resp: 16930
Ion Ratio Lower Upper
198 100
51 74.4 64.8 104.8
105 62.2 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 5.60 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:169 Resp: 148592
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 35.3 29.9 44.9

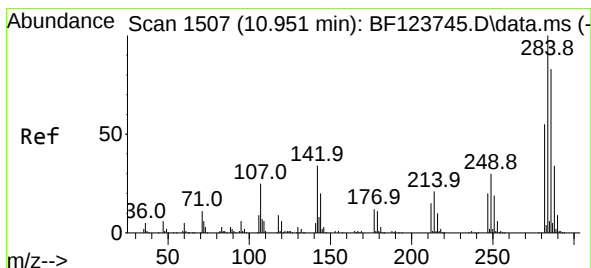
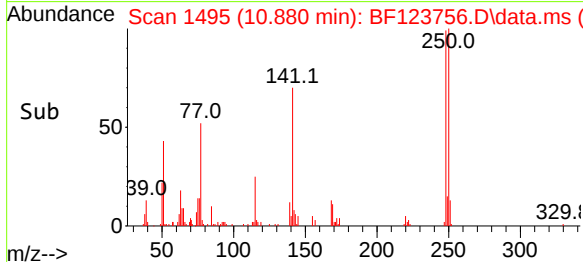
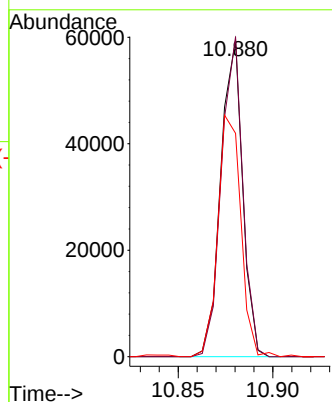
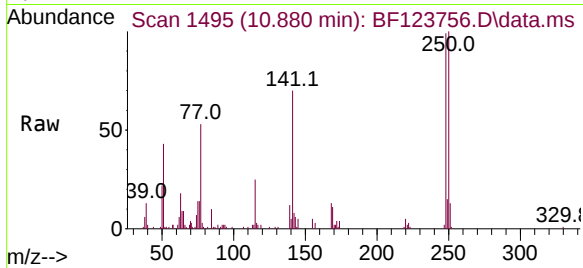




#67
4-Bromophenyl-phenylether
Concen: 5.59 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

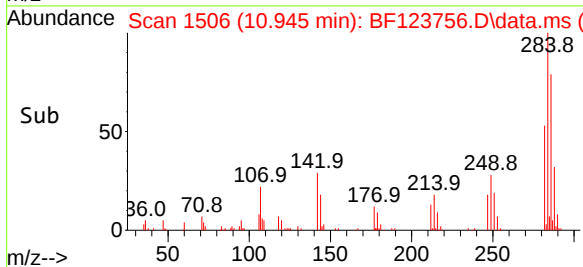
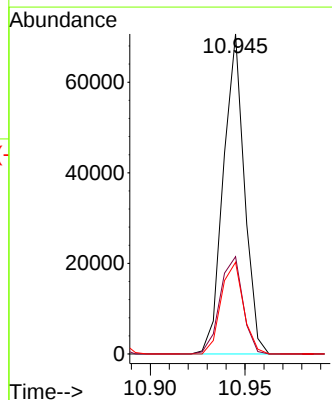
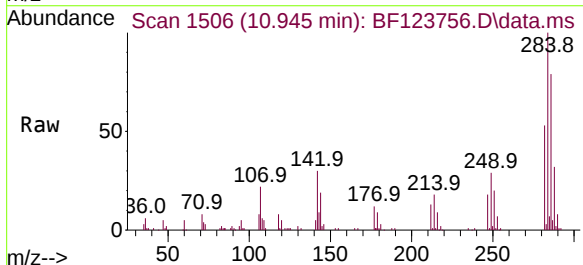
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

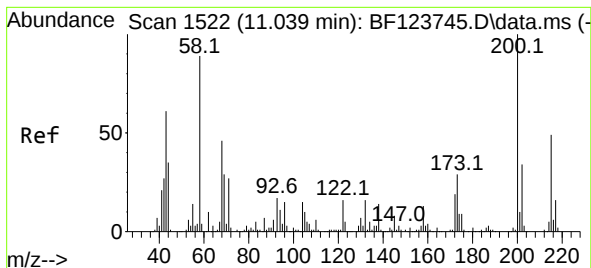
Tgt Ion:248 Resp: 47819
Ion Ratio Lower Upper
248 100
250 101.0 77.4 116.2
141 70.5 63.7 95.5



#68
Hexachlorobenzene
Concen: 5.62 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:284 Resp: 54697
Ion Ratio Lower Upper
284 100
142 30.4 28.3 42.5
249 28.7 23.5 35.3





#69

Atrazine

Concen: 5.66 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

Tgt Ion:200 Resp: 45416

Ion Ratio Lower Upper

200 100

173 30.6 6.9 46.9

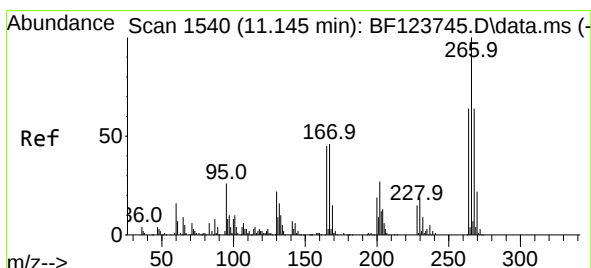
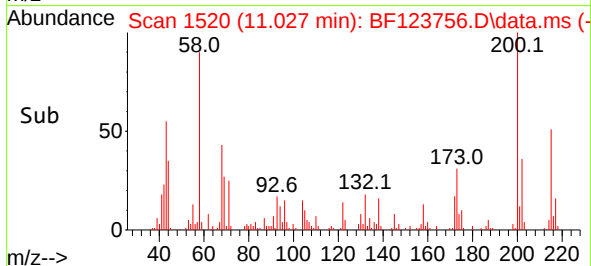
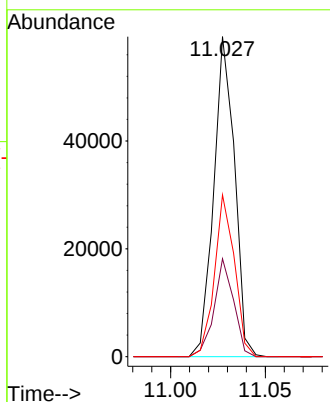
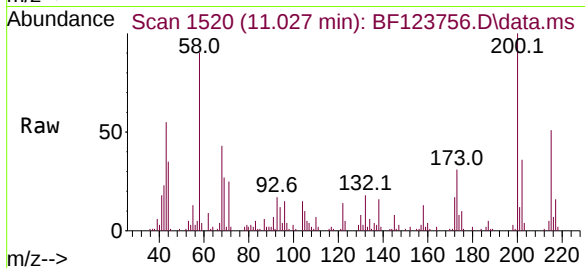
215 50.5 26.5 66.5

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#70

Pentachlorophenol

Concen: 3.33 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.006 min

Lab File: BF123756.D

Acq: 28 Apr 2021 12:05

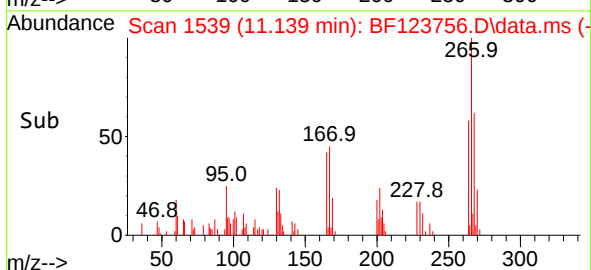
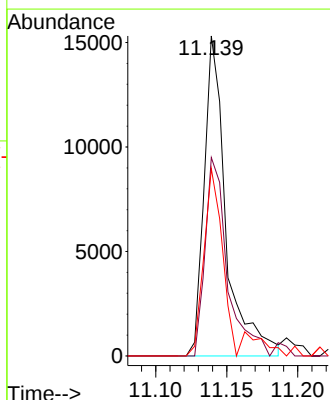
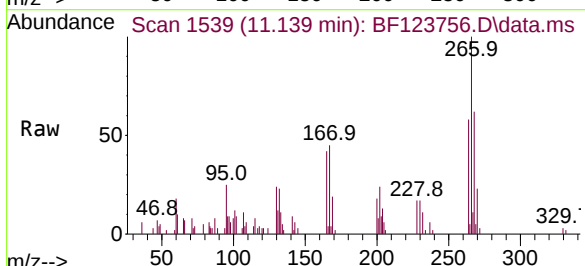
Tgt Ion:266 Resp: 16526

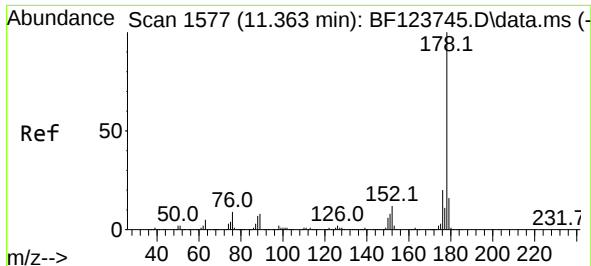
Ion Ratio Lower Upper

266 100

268 62.0 51.6 77.4

264 63.6 52.6 78.8

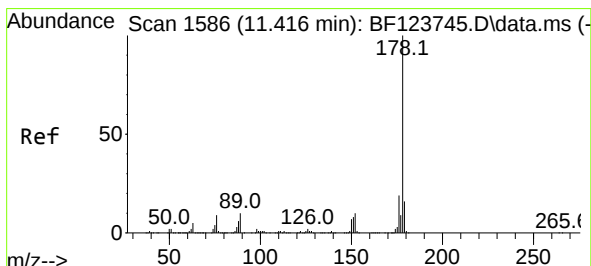
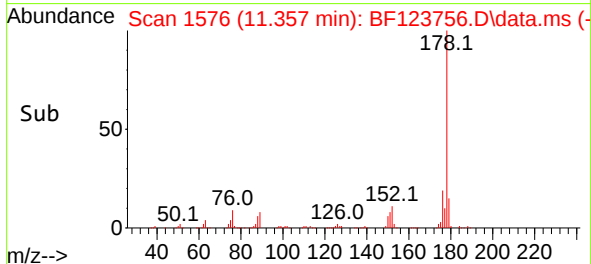
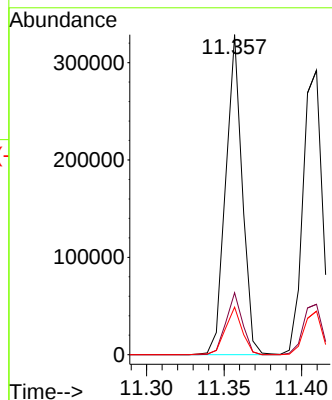
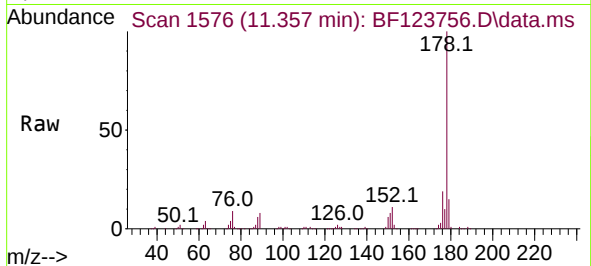




#71
Phenanthrene
Concen: 5.74 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

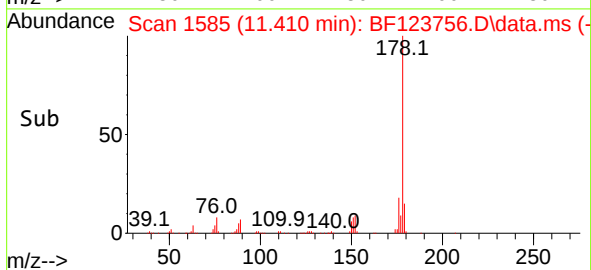
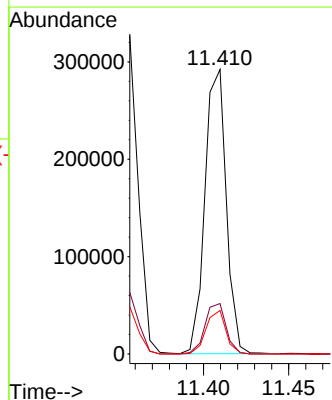
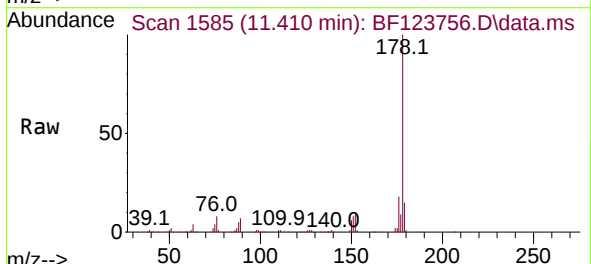
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

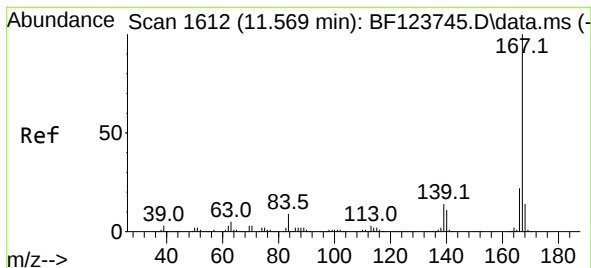
Tgt Ion:178 Resp: 244203
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 14.8 12.5 18.7



#72
Anthracene
Concen: 6.03 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:178 Resp: 255052
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 15.3 12.6 18.8

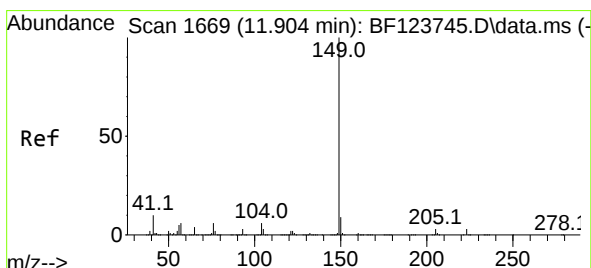
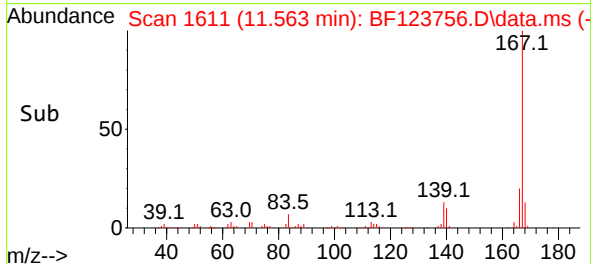
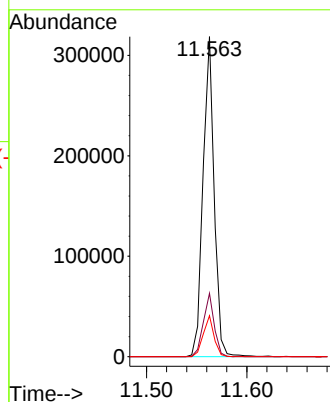
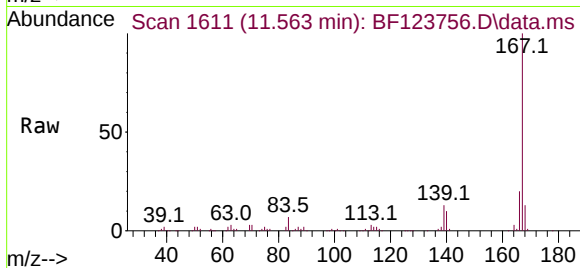




#73
 Carbazole
 Concen: 5.78 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF123756.D
 Acq: 28 Apr 2021 12:05

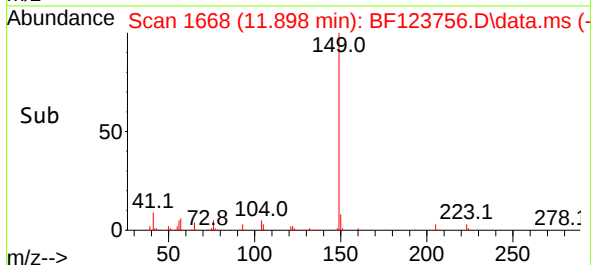
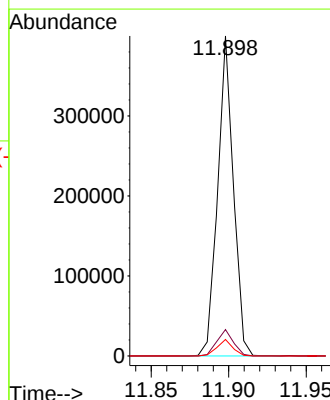
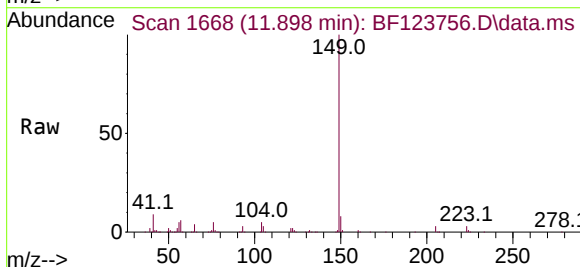
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

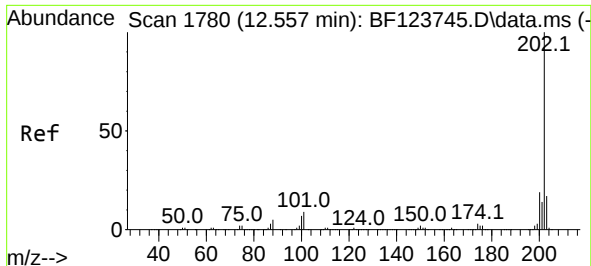
Tgt Ion:167	Resp: 247301
Ion Ratio	Lower Upper
167 100	
166 19.8	17.0 25.6
139 12.8	10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 5.88 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF123756.D
 Acq: 28 Apr 2021 12:05

Tgt Ion:149	Resp: 282275
Ion Ratio	Lower Upper
149 100	
150 8.3	7.8 11.8
104 5.1	4.6 6.8

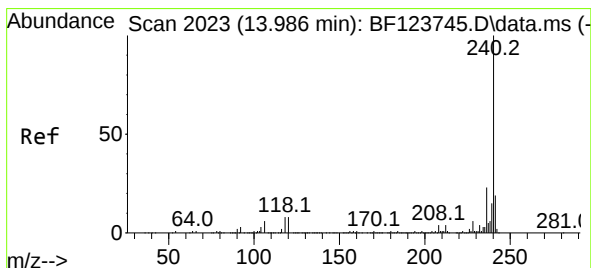
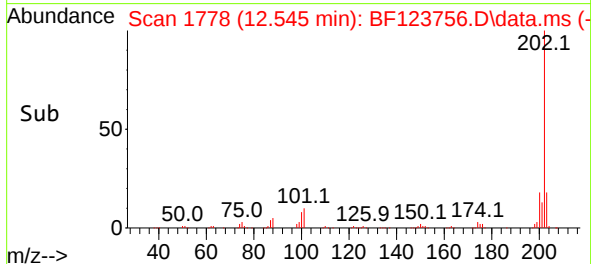
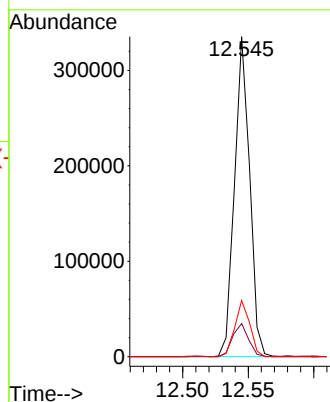
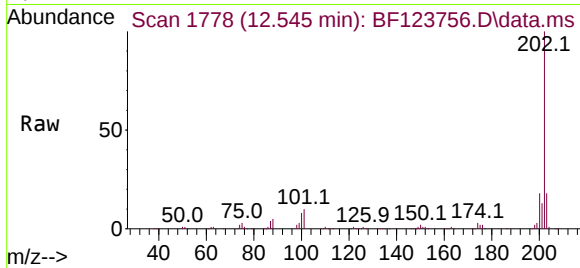




#75
Fluoranthene
Concen: 5.81 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

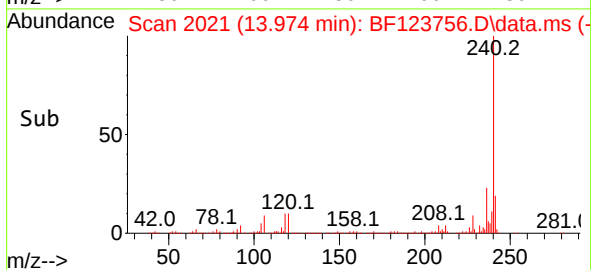
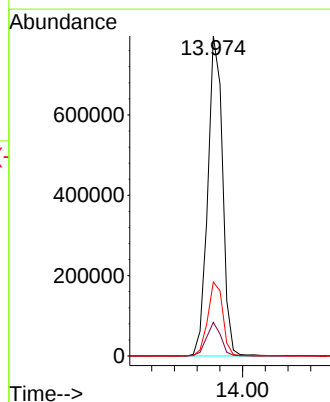
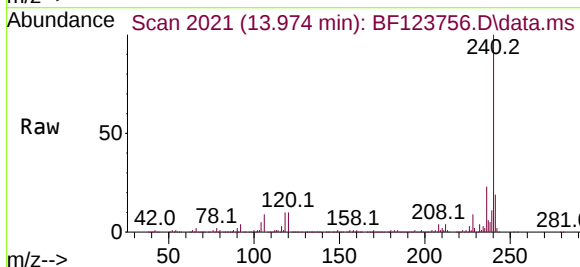
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

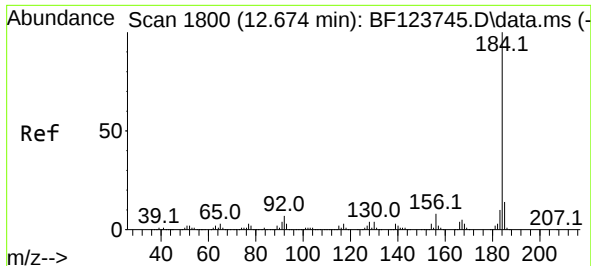
Tgt Ion:202 Resp: 269671
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:240 Resp: 718230
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 23.1 19.0 28.4

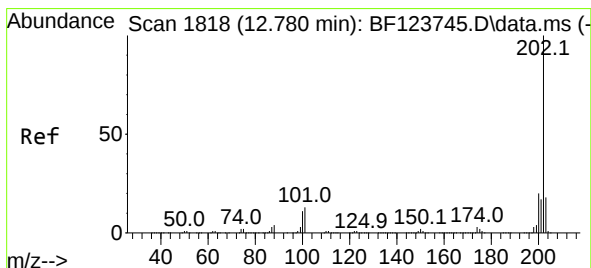
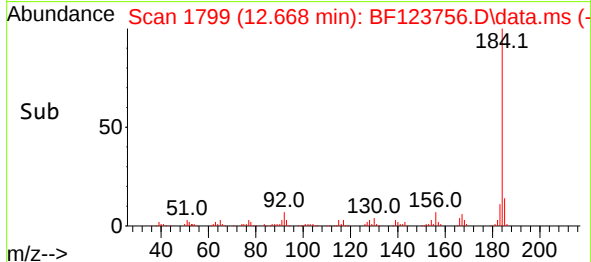
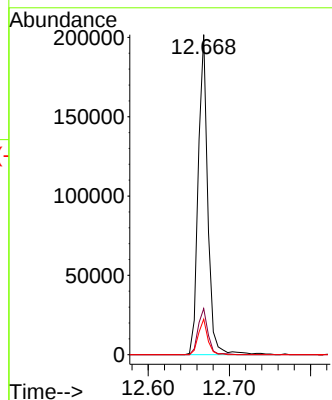
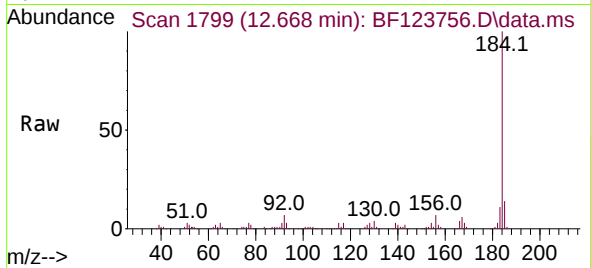




#77
Benzidine
Concen: 8.91 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

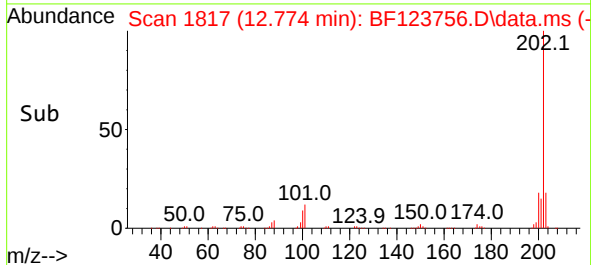
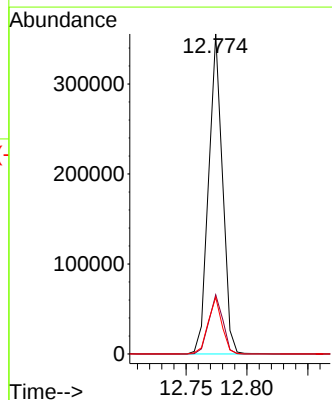
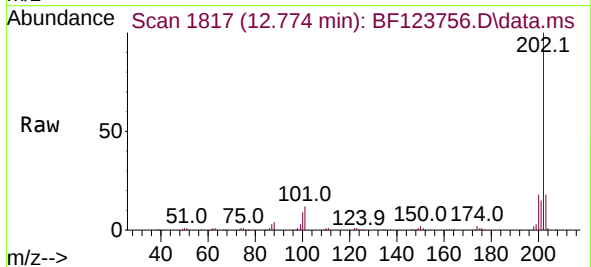
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

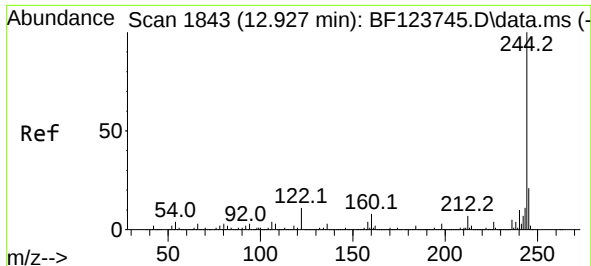
Tgt Ion:184 Resp: 165708
Ion Ratio Lower Upper
184 100
185 14.4 12.1 18.1
183 11.1 7.8 11.8



#78
Pyrene
Concen: 5.07 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

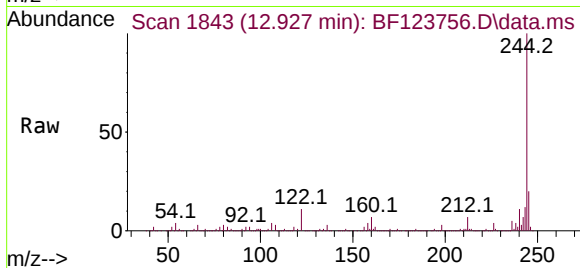
Tgt Ion:202 Resp: 282556
Ion Ratio Lower Upper
202 100
200 18.5 16.1 24.1
203 17.7 14.8 22.2



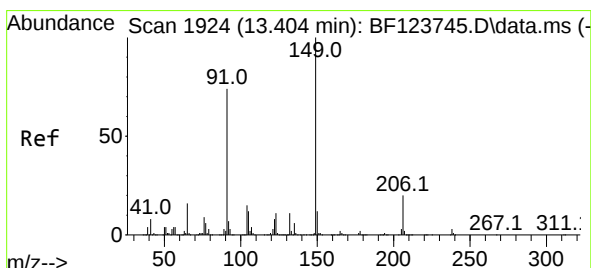
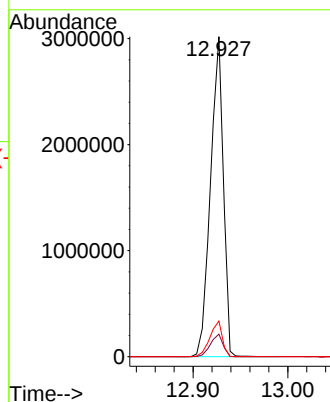
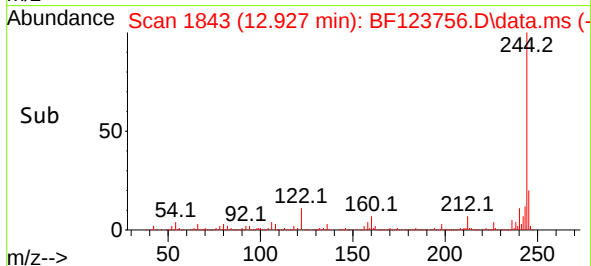


#79
Terphenyl-d14
Concen: 76.11 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

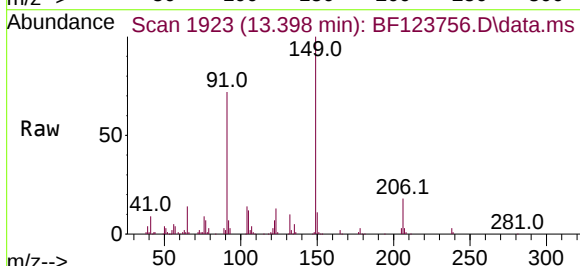
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021



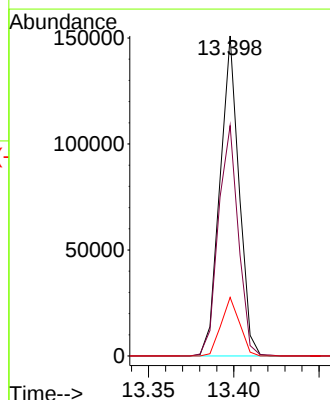
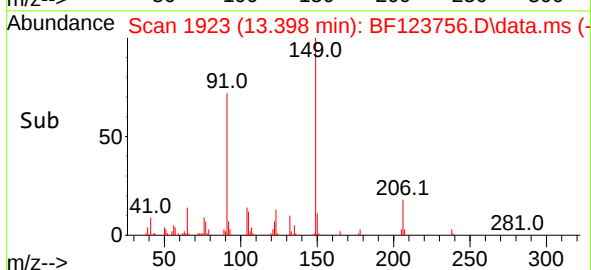
Tgt Ion:244 Resp: 2838634
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.2 9.7 14.5

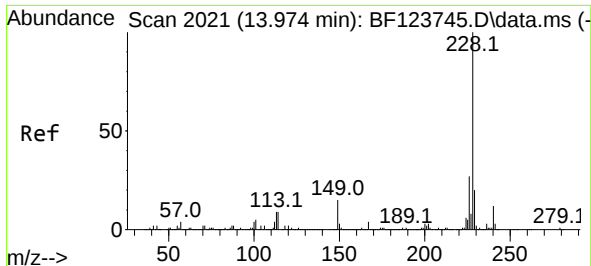


#80
Butylbenzylphthalate
Concen: 4.93 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05



Tgt Ion:149 Resp: 117332
Ion Ratio Lower Upper
149 100
91 72.0 63.6 95.4
206 18.3 14.5 21.7

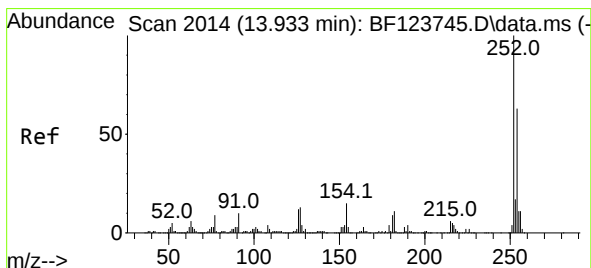
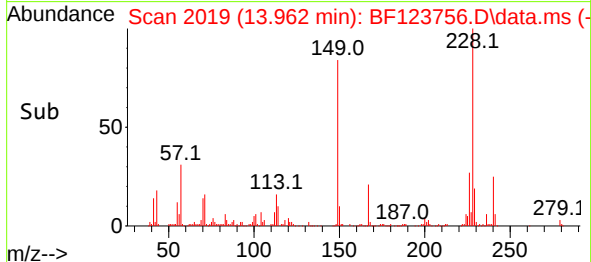
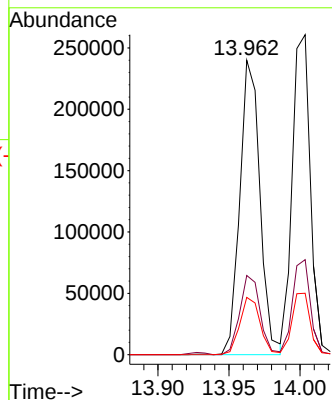
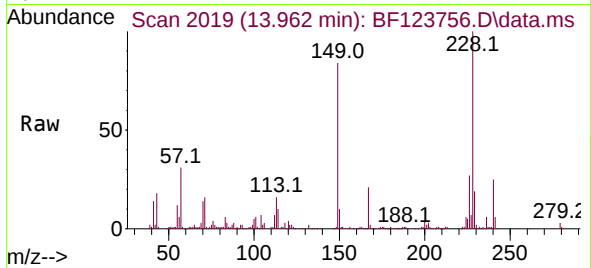




#81
Benzo(a)anthracene
Concen: 5.45 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

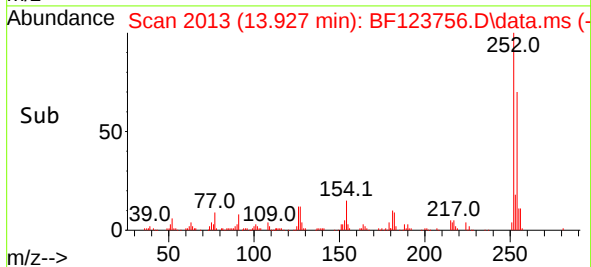
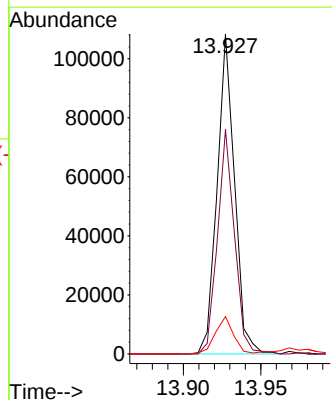
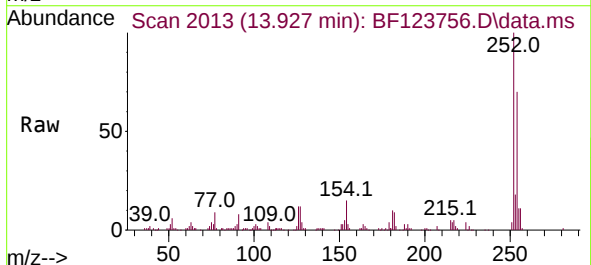
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

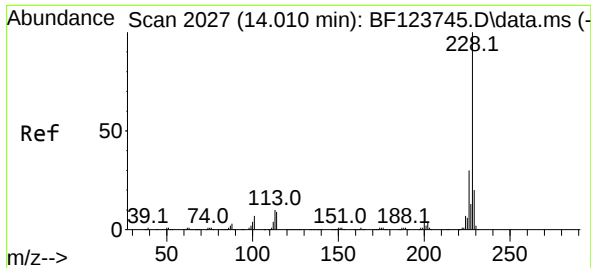
Tgt Ion:228 Resp: 237415
Ion Ratio Lower Upper
228 100
226 26.9 22.4 33.6
229 19.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 6.34 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:252 Resp: 84726
Ion Ratio Lower Upper
252 100
254 70.1 51.1 76.7
126 11.7 7.7 11.5#

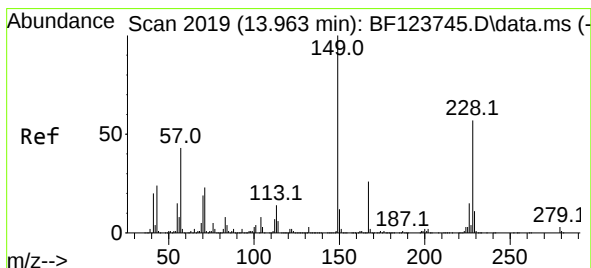
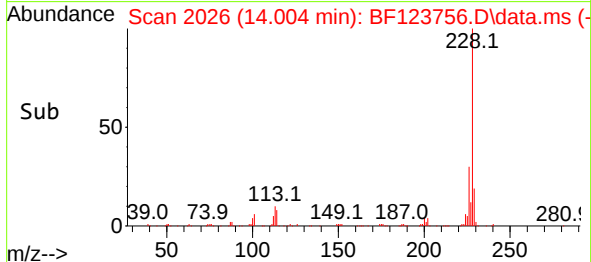
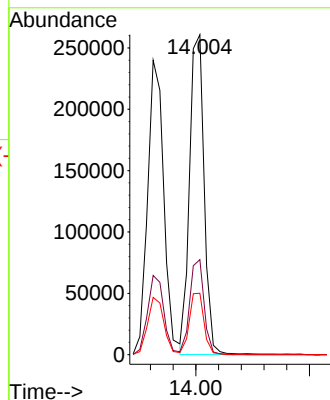
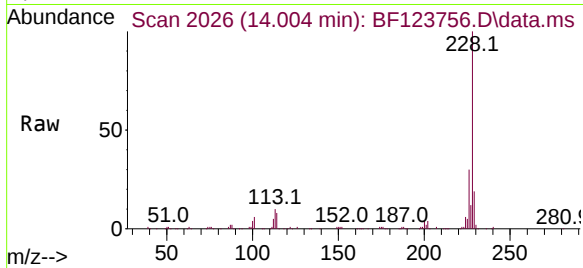




#83
Chrysene
Concen: 5.33 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

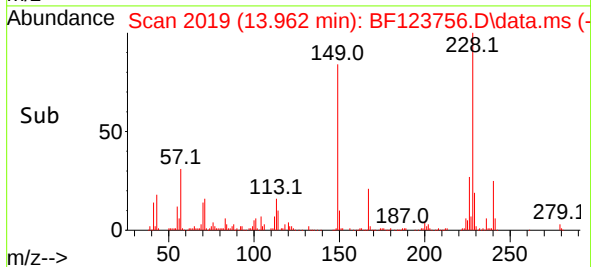
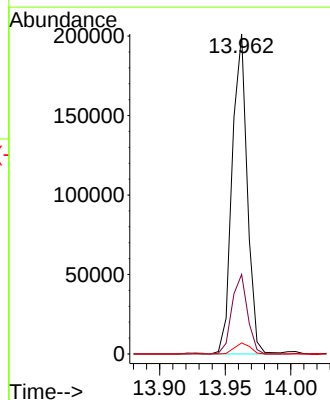
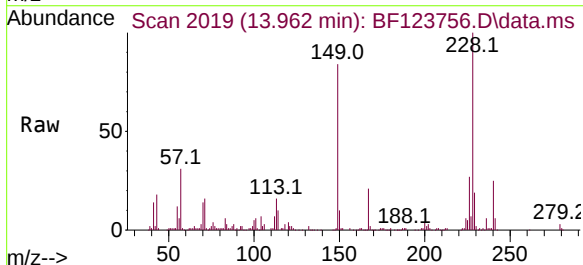
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

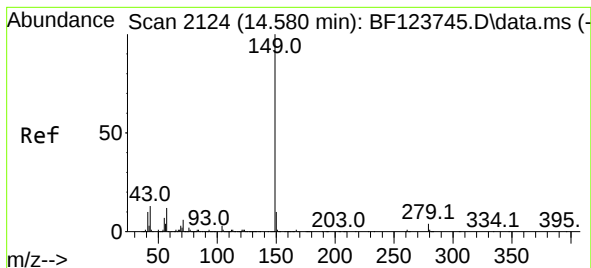
Tgt Ion:228	Resp: 233285
Ion Ratio	Lower Upper
228 100	
226 29.7	24.3 36.5
229 19.2	16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.45 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:149	Resp: 161382
Ion Ratio	Lower Upper
149 100	
167 24.9	21.8 32.6
279 3.5	3.3 4.9

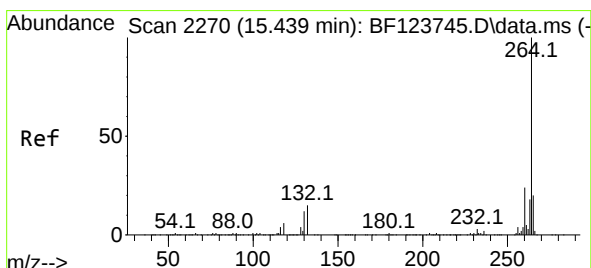
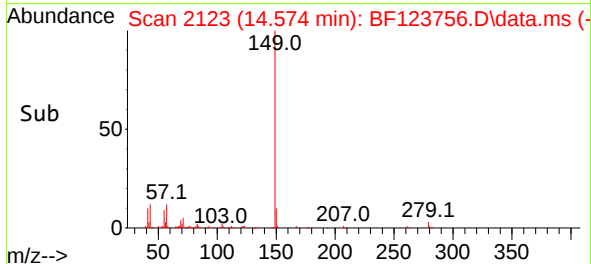
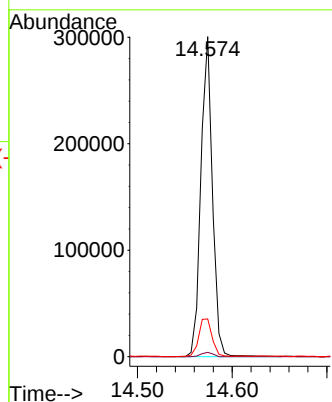
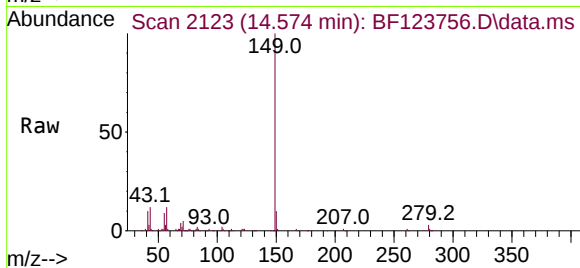




#85
Di-n-octyl phthalate
Concen: 5.41 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

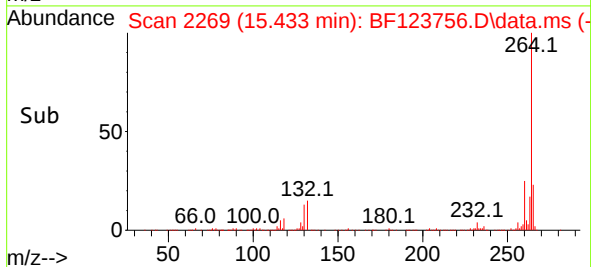
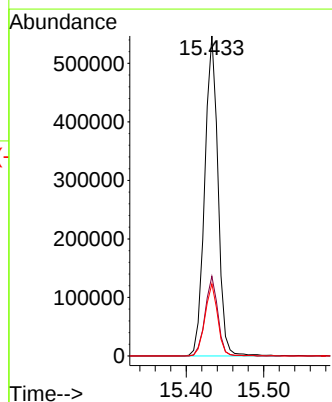
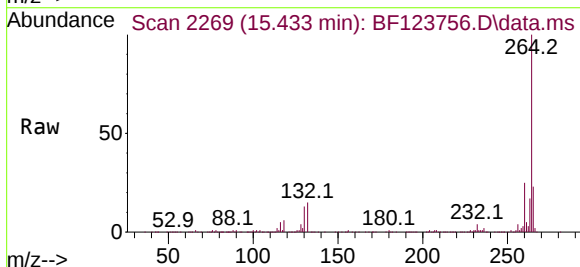
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

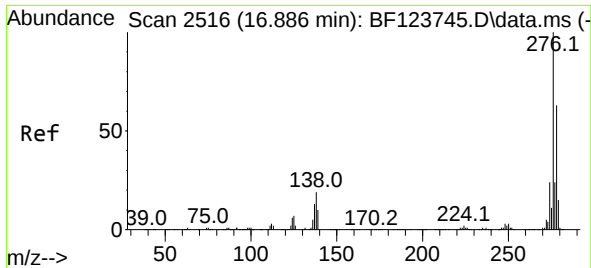
Tgt Ion:149 Resp: 255998
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 13.9 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:264 Resp: 650518
Ion Ratio Lower Upper
264 100
260 24.9 18.7 28.1
265 22.6 17.8 26.8

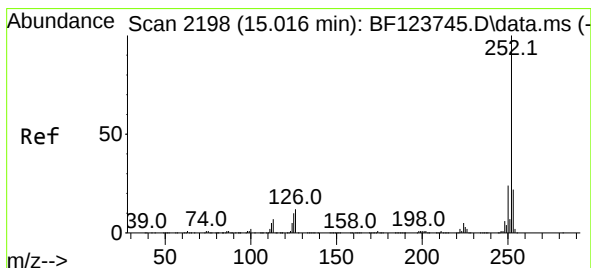
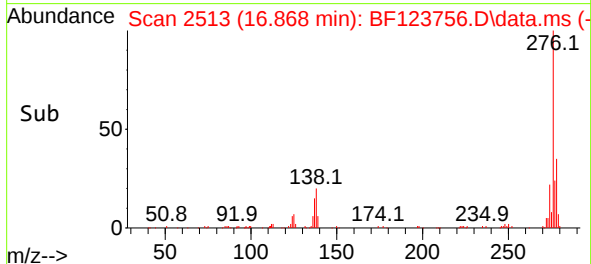
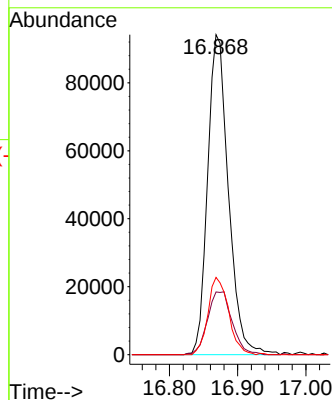
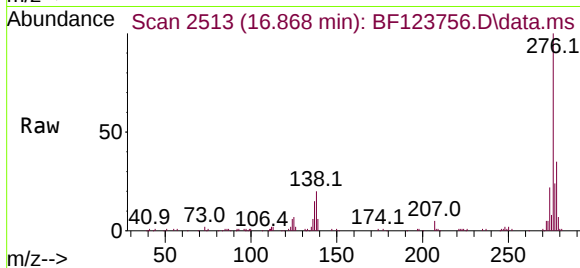




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.28 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

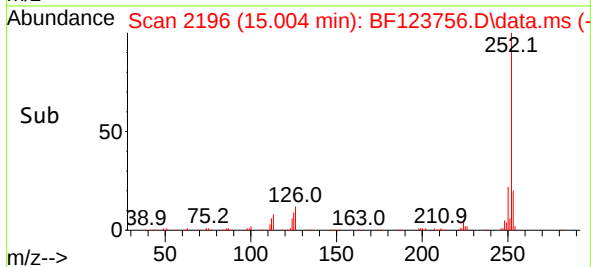
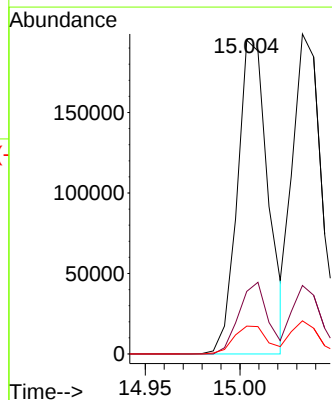
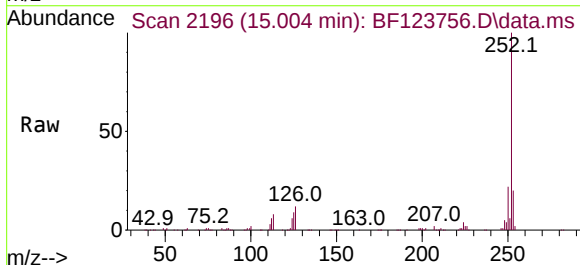
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

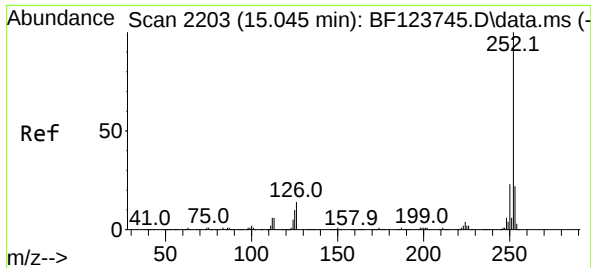
Tgt Ion:276 Resp: 199873
Ion Ratio Lower Upper
276 100
138 23.2 16.2 24.2
277 23.9 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 5.02 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:252 Resp: 220141
Ion Ratio Lower Upper
252 100
253 20.0 18.1 27.1
125 8.9 6.2 9.4

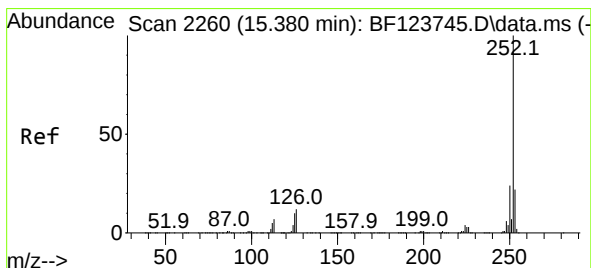
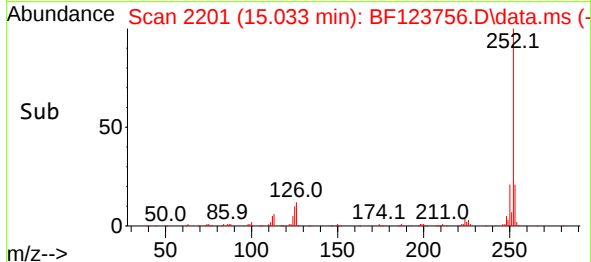
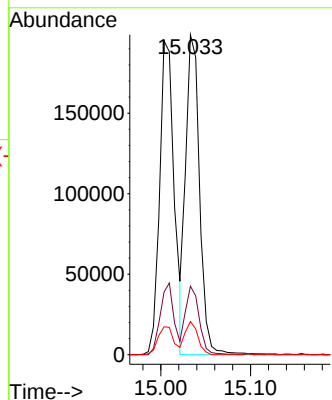
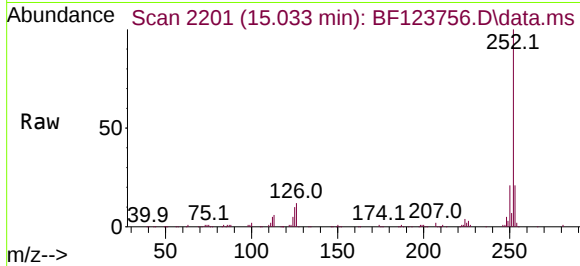




#89
Benzo(k)fluoranthene
Concen: 5.12 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

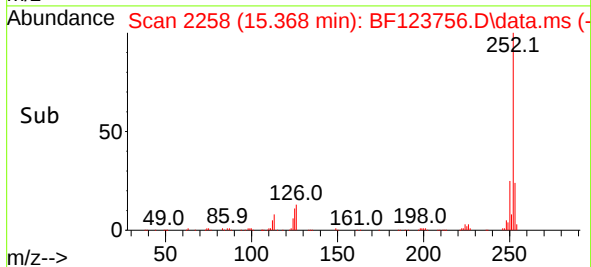
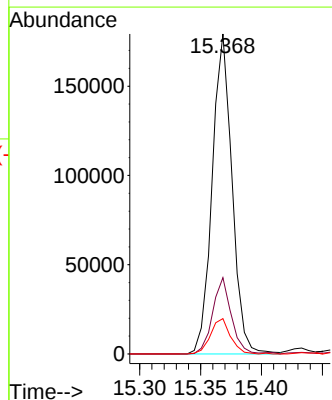
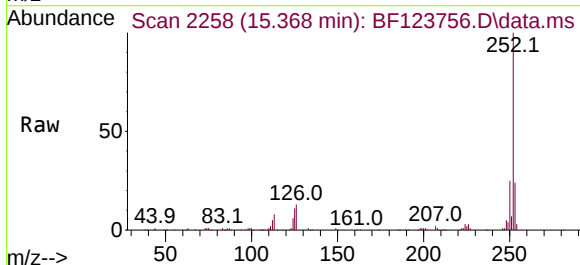
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

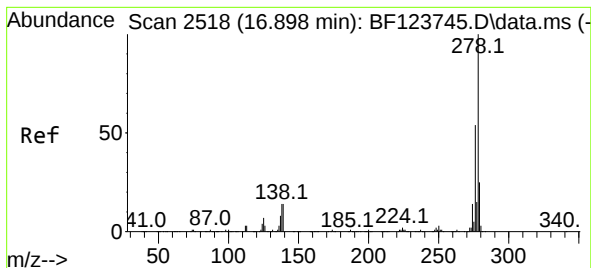
Tgt Ion:252 Resp: 214135
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 10.3 7.0 10.6



#90
Benzo(a)pyrene
Concen: 5.43 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:252 Resp: 203657
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 11.0 8.0 12.0

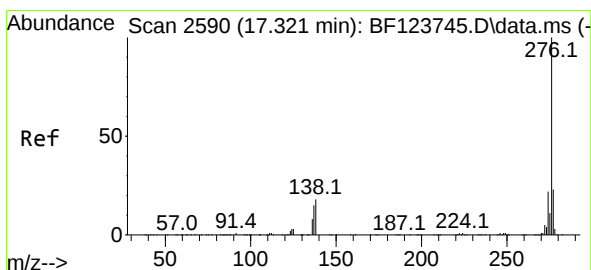
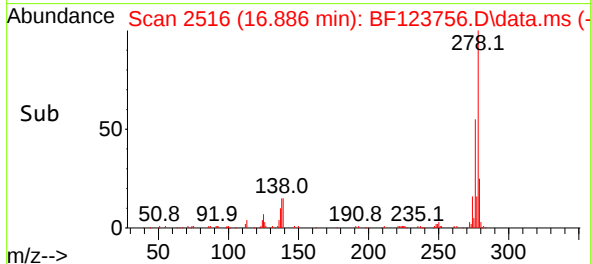
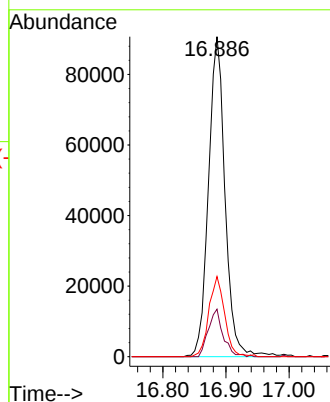
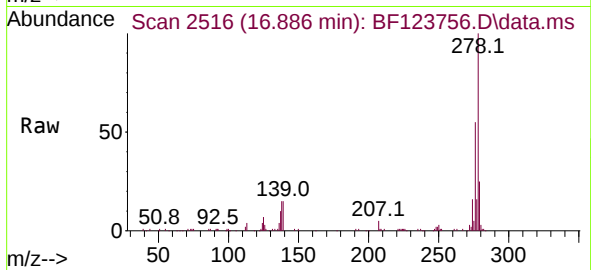




#91
Dibenzo(a,h)anthracene
Concen: 5.18 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.012 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

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

Tgt Ion:278 Resp: 165548
Ion Ratio Lower Upper
278 100
139 14.9 10.2 15.2
279 25.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 5.09 ng
RT: 17.303 min Scan# 2587
Delta R.T. -0.018 min
Lab File: BF123756.D
Acq: 28 Apr 2021 12:05

Tgt Ion:276 Resp: 163149
Ion Ratio Lower Upper
276 100
277 23.4 18.2 27.2
138 20.5 13.8 20.6

