

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042821\
 Data File : BF123755.D
 Acq On : 28 Apr 2021 11:17
 Operator : JU/CG
 Sample : M1458-01
 Misc : LOD-MDL-SOIL-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Quant Time: Apr 28 11:42:58 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	224561	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	800685	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	400056	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	773295	20.00	ng	0.00
76) Chrysene-d12	13.974	240	659405	20.00	ng	#-0.01
86) Perylene-d12	15.433	264	583046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1722250	121.50	ng	0.00
7) Phenol-d6	6.445	99	2342396	119.96	ng	0.00
23) Nitrobenzene-d5	7.375	82	1567112	88.35	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	641871	128.88	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2353063	85.66	ng	0.00
79) Terphenyl-d14	12.927	244	2750457	80.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	59459	7.79	ng	97
3) Pyridine	3.293	79	130899	7.01	ng	91
4) n-Nitrosodimethylamine	3.175	42	79935	7.78	ng	# 97
6) Aniline	6.469	93	214517	9.50	ng	96
8) 2-Chlorophenol	6.592	128	128598	8.43	ng	95
9) Benzaldehyde	6.357	77	123868	13.11	ng	99
10) Phenol	6.457	94	175595	8.37	ng	97
11) bis(2-Chloroethyl)ether	6.545	93	134026	8.75	ng	96
12) 1,3-Dichlorobenzene	6.828	146	132123	8.58	ng	95
13) 1,4-Dichlorobenzene	6.828	146	132123	8.48	ng	97
14) 1,2-Dichlorobenzene	6.981	146	122204	8.07	ng	95
15) Benzyl Alcohol	6.945	79	139146	9.09	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.086	45	282727	8.68	ng	99
17) 2-Methylphenol	7.063	107	107613	8.28	ng	95
18) Hexachloroethane	7.322	117	51335	8.32	ng	95
19) n-Nitroso-di-n-propyla...	7.216	70	105272	8.73	ng	100
20) 3+4-Methylphenols	7.216	107	143633	8.69	ng	# 79
22) Acetophenone	7.216	105	205413	9.44	ng	# 97
24) Nitrobenzene	7.386	77	157976	8.55	ng	95
25) Isophorone	7.622	82	270489	8.13	ng	97
26) 2-Nitrophenol	7.704	139	63245	8.39	ng	97
27) 2,4-Dimethylphenol	7.745	122	114078	9.63	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	160770	9.49	ng	99
29) 2,4-Dichlorophenol	7.951	162	96760	8.29	ng	96
30) 1,2,4-Trichlorobenzene	8.033	180	108058	8.83	ng	99
31) Naphthalene	8.116	128	367653	8.92	ng	97
32) Benzoic acid	7.828	122	26134	3.51	ng	92
33) 4-Chloroaniline	8.163	127	154290	8.97	ng	96
34) Hexachlorobutadiene	8.233	225	64081	8.60	ng	99
35) Caprolactam	8.492	113	34673	8.46	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	121657	8.35	ng	97
37) 2-Methylnaphthalene	8.804	142	243492	9.06	ng	98
38) 1-Methylnaphthalene	8.904	142	226589	8.97	ng	100
40) 1,2,4,5-Tetrachloroben...	8.975	216	106853	9.08	ng	97
41) Hexachlorocyclopentadiene	8.963	237	33274	7.13	ng	99
43) 2,4,6-Trichlorophenol	9.086	196	65522	8.08	ng	98

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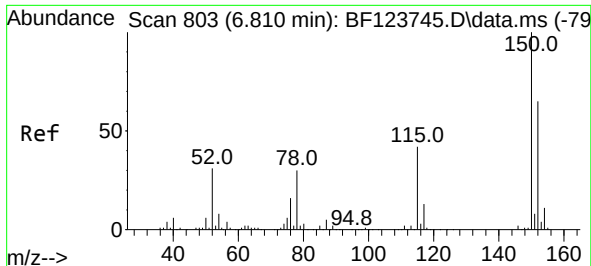
Quant Time: Apr 28 11:42:58 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	68163	7.83	ng	97
46) 1,1'-Biphenyl	9.269	154	311110	9.49	ng	95
47) 2-Chloronaphthalene	9.292	162	222854	9.02	ng	95
48) 2-Nitroaniline	9.386	65	90871	8.35	ng	97
49) Acenaphthylene	9.710	152	364100	9.13	ng	99
50) Dimethylphthalate	9.563	163	250414	8.89	ng	99
51) 2,6-Dinitrotoluene	9.627	165	53161	8.16	ng	95
52) Acenaphthene	9.880	154	218775	9.00	ng	98
53) 3-Nitroaniline	9.792	138	67561	8.68	ng	97
54) 2,4-Dinitrophenol	9.904	184	14854	4.29	ng	91
55) Dibenzofuran	10.051	168	324882	8.84	ng	98
56) 4-Nitrophenol	9.963	139	41001	7.24	ng	94
57) 2,4-Dinitrotoluene	10.027	165	73899	8.32	ng #	89
58) Fluorene	10.392	166	262571	9.30	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	52847	7.67	ng	98
60) Diethylphthalate	10.269	149	267524	8.92	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	120828	9.18	ng	98
62) 4-Nitroaniline	10.404	138	67004	8.69	ng	92
63) Azobenzene	10.551	77	296218	8.59	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	27617	5.76	ng	90
66) n-Nitrosodiphenylamine	10.504	169	223806	8.85	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	71365	8.76	ng	96
68) Hexachlorobenzene	10.945	284	84149	9.08	ng	97
69) Atrazine	11.027	200	70521	9.22	ng	97
70) Pentachlorophenol	11.139	266	29147	6.17	ng	99
71) Phenanthrene	11.357	178	371740	9.16	ng	99
72) Anthracene	11.410	178	378057	9.37	ng	98
73) Carbazole	11.563	167	357258	8.76	ng	99
74) Di-n-butylphthalate	11.898	149	418880	9.15	ng	98
75) Fluoranthene	12.545	202	395451	8.94	ng	99
77) Benzidine	12.668	184	247421	14.49	ng	99
78) Pyrene	12.774	202	417688	8.16	ng	98
80) Butylbenzylphthalate	13.398	149	171688	7.85	ng	96
81) Benzo(a)anthracene	13.968	228	348881	8.73	ng	96
82) 3,3'-Dichlorobenzidine	13.927	252	128220	10.45	ng #	97
83) Chrysene	14.004	228	341266	8.49	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	235593	8.67	ng	98
85) Di-n-octyl phthalate	14.574	149	374971	8.63	ng	97
87) Indeno(1,2,3-cd)pyrene	16.868	276	288506	8.50	ng	97
88) Benzo(b)fluoranthene	15.009	252	310453	7.90	ng	98
89) Benzo(k)fluoranthene	15.039	252	313713	8.37	ng	98
90) Benzo(a)pyrene	15.368	252	290528	8.65	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	239312	8.35	ng	98
92) Benzo(g,h,i)perylene	17.309	276	226937	7.90	ng	95

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

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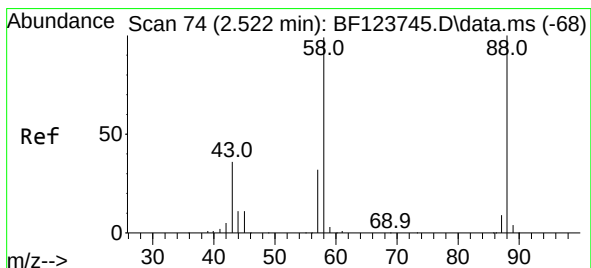
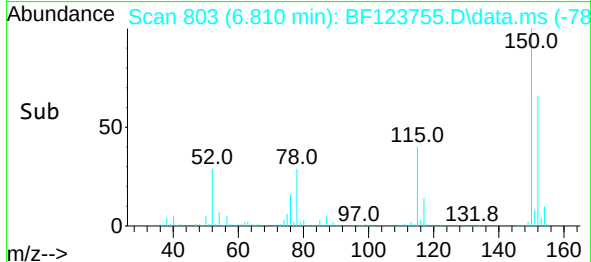
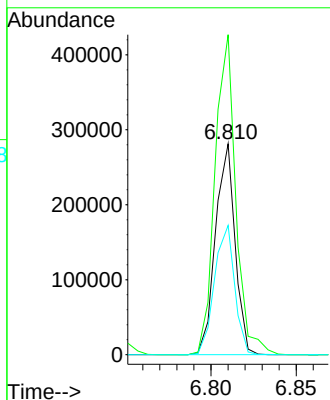
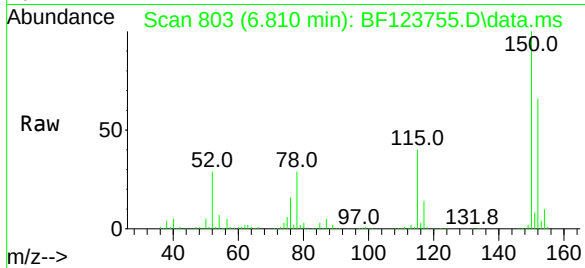




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.810 min Scan# 803
 Delta R.T. 0.000 min
 Lab File: BF123755.D
 Acq: 28 Apr 2021 11:17

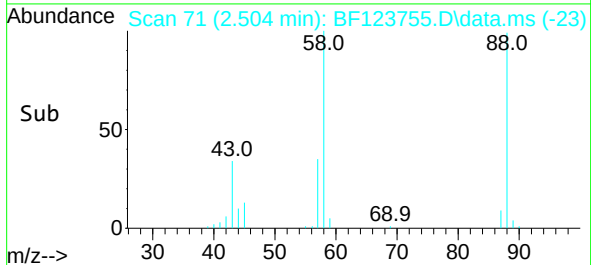
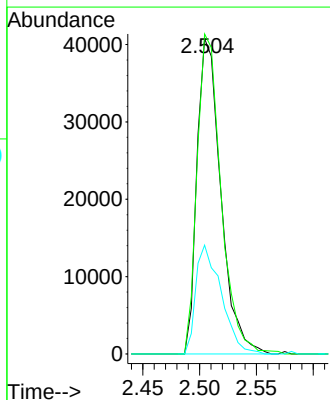
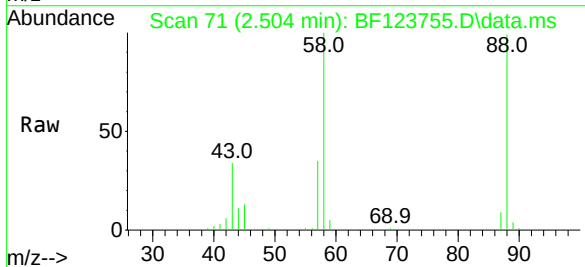
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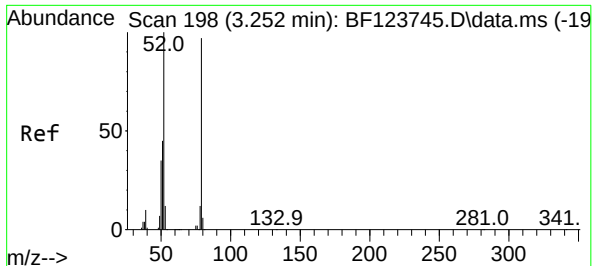
Tgt Ion:152 Resp: 224561
 Ion Ratio Lower Upper
 152 100
 150 151.7 127.0 190.6
 115 61.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 7.79 ng
 RT: 2.504 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BF123755.D
 Acq: 28 Apr 2021 11:17

Tgt Ion: 88 Resp: 59459
 Ion Ratio Lower Upper
 88 100
 58 102.1 83.8 125.8
 43 36.9 32.2 48.4

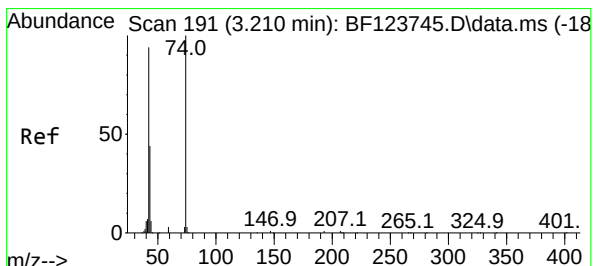
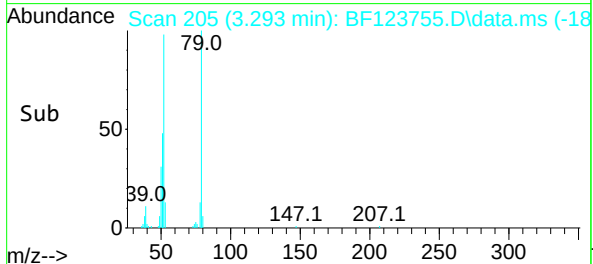
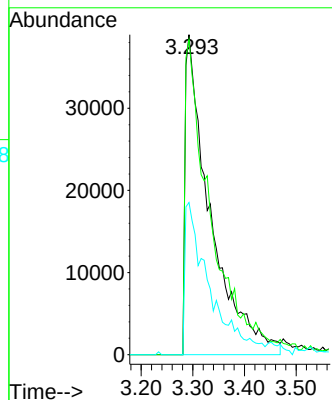
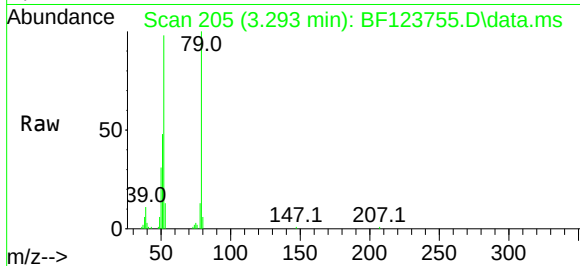




#3
Pyridine
Concen: 7.01 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.041 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

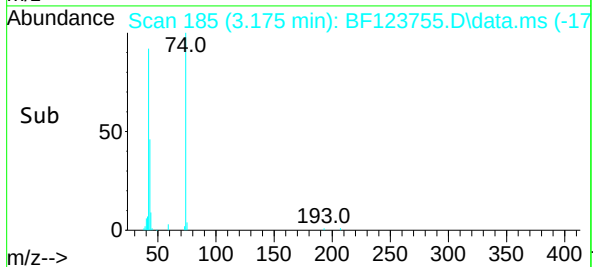
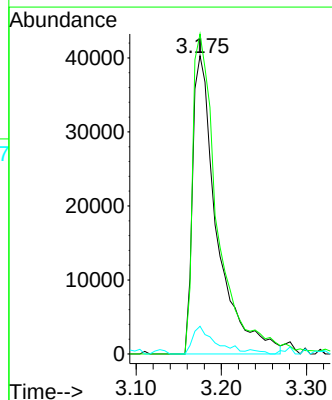
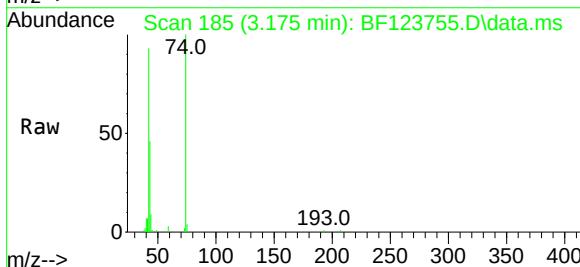
Instrument :
BNA_F
ClientSampleId :
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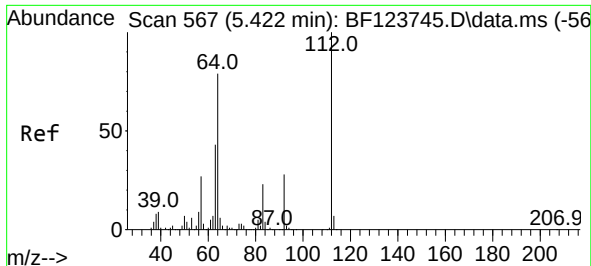
Tgt Ion: 79 Resp: 130899
Ion Ratio Lower Upper
79 100
52 98.5 87.4 131.0
51 47.6 41.4 62.0



#4
n-Nitrosodimethylamine
Concen: 7.78 ng
RT: 3.175 min Scan# 185
Delta R.T. -0.035 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion: 42 Resp: 79935
Ion Ratio Lower Upper
42 100
74 107.3 83.5 125.3
44 9.3 5.7 8.5#

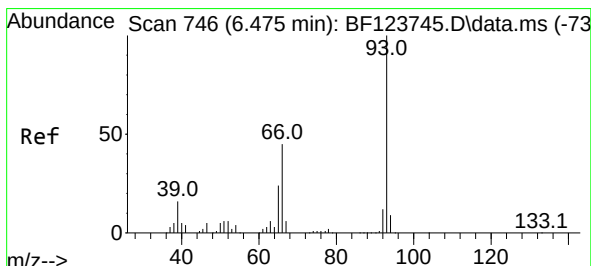
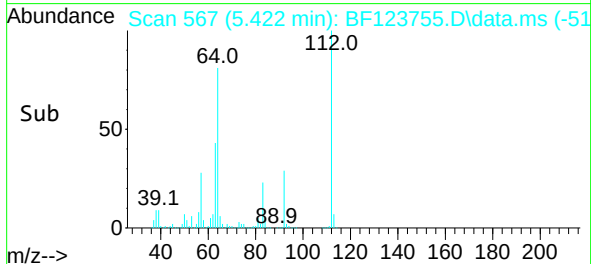
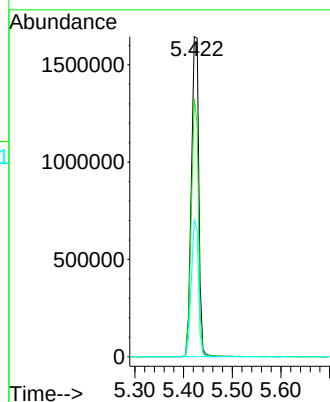
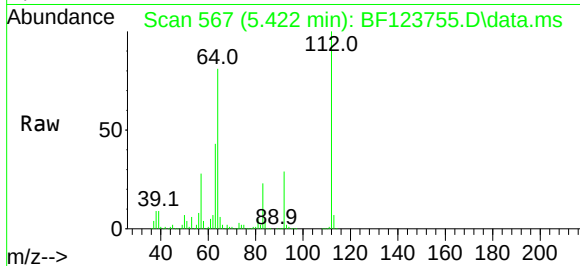




#5
2-Fluorophenol
Concen: 121.50 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

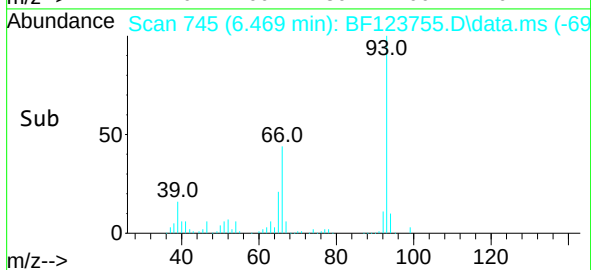
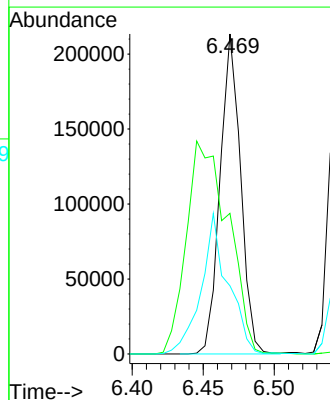
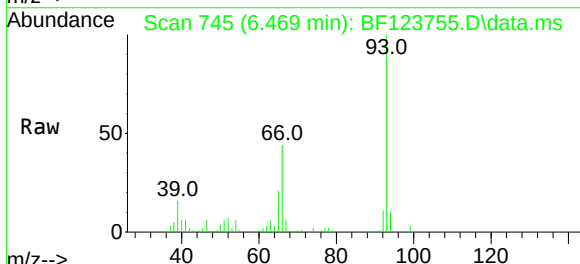
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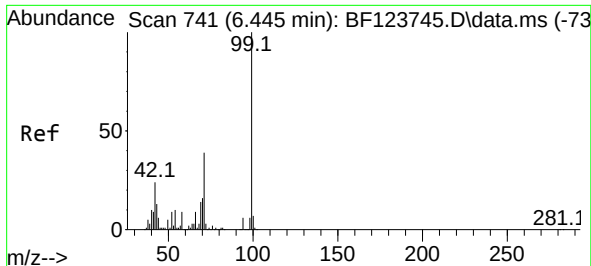
Tgt Ion:112 Resp: 1722250
Ion Ratio Lower Upper
112 100
64 80.5 61.4 92.0
63 42.8 33.0 49.4



#6
Aniline
Concen: 9.50 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion: 93 Resp: 214517
Ion Ratio Lower Upper
93 100
66 44.0 36.4 54.6
65 21.3 19.4 29.0

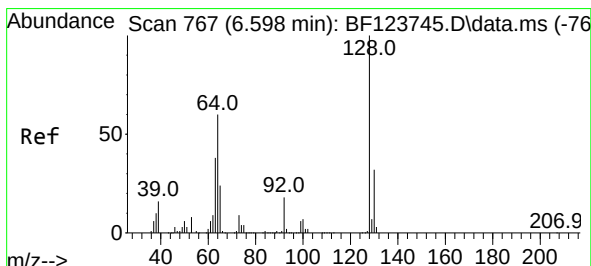
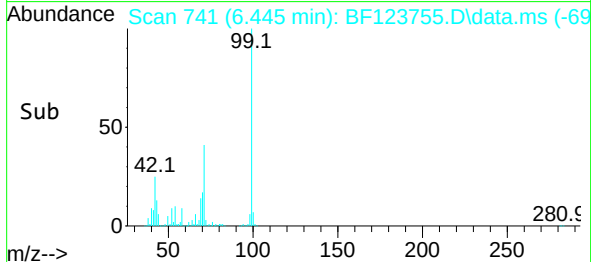
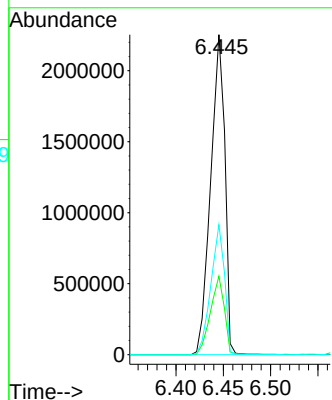
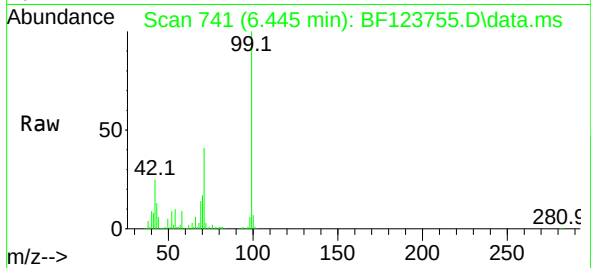




#7
Phenol-d6
Concen: 119.96 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

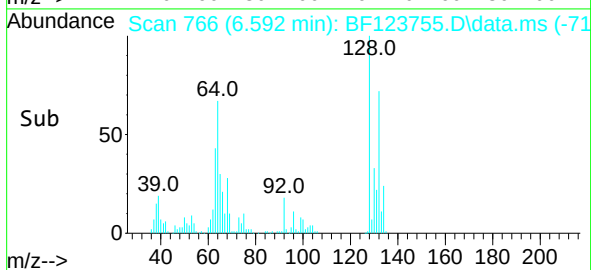
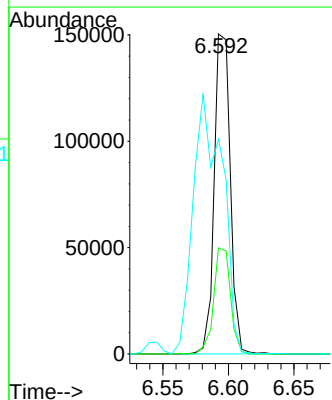
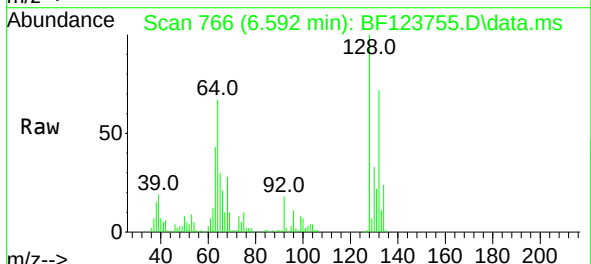
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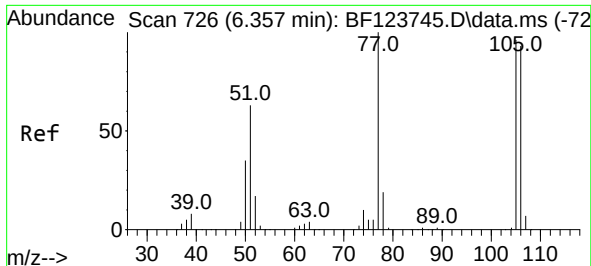
Tgt Ion: 99 Resp: 2342396
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 40.7 31.1 46.7



#8
2-Chlorophenol
Concen: 8.43 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion: 128 Resp: 128598
Ion Ratio Lower Upper
128 100
130 33.2 12.6 52.6
64 67.1 41.5 81.5

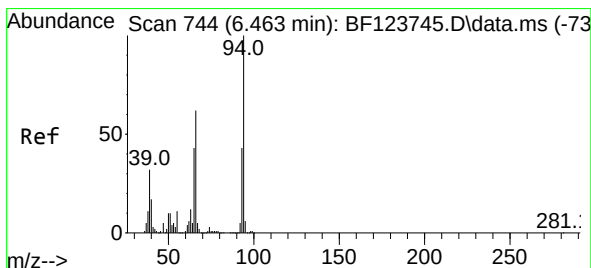
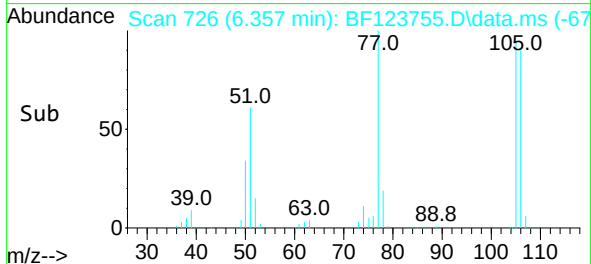
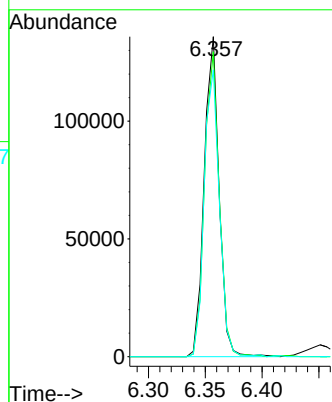
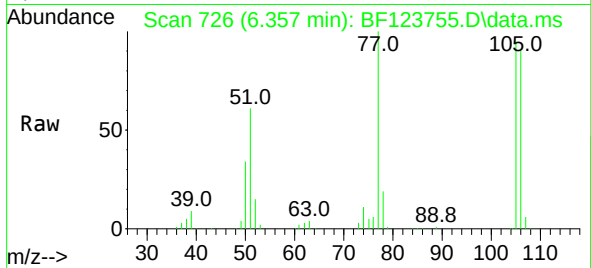




#9
Benzaldehyde
Concen: 13.11 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

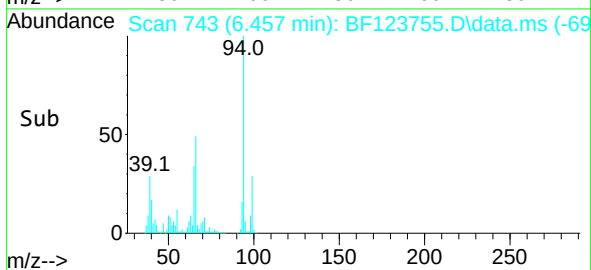
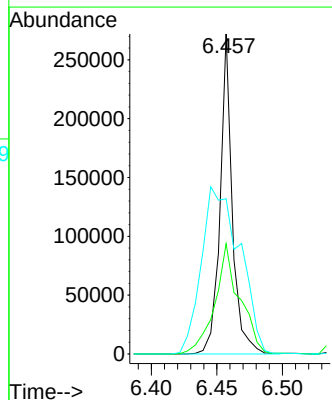
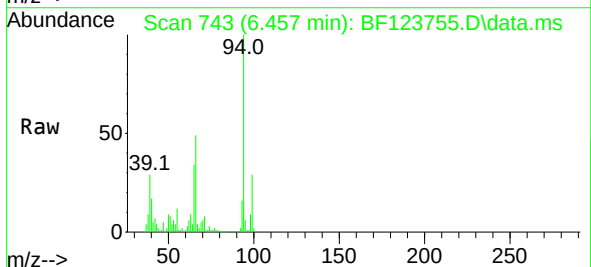
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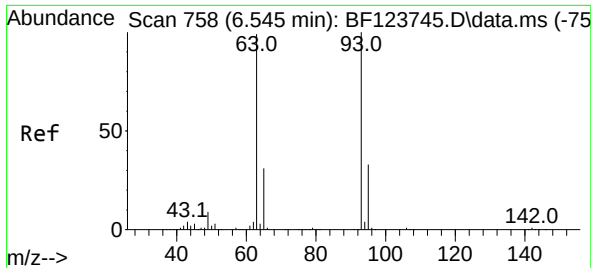
Tgt Ion:	77	Resp:	123868
Ion	Ratio	Lower	Upper
77	100		
105	95.3	75.2	115.2
106	89.6	71.6	111.6



#10
Phenol
Concen: 8.37 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123755.D
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Tgt Ion:	94	Resp:	175595
Ion	Ratio	Lower	Upper
94	100		
65	34.5	18.1	58.1
66	48.5	29.0	69.0

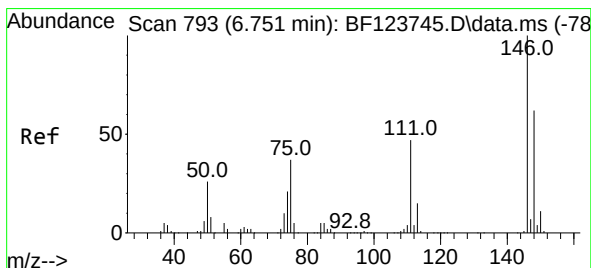
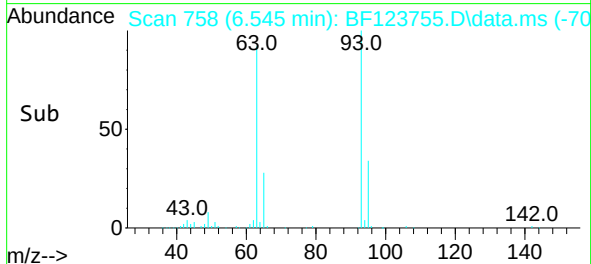
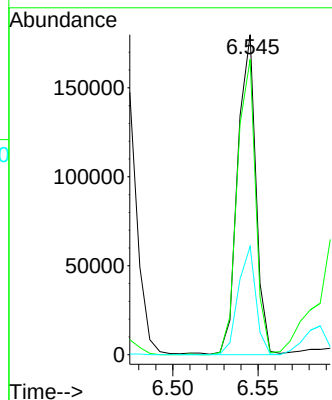
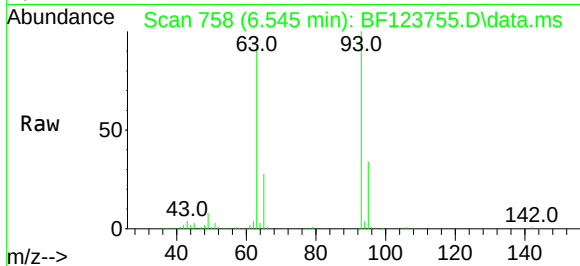




#11
bis(2-Chloroethyl)ether
Concen: 8.75 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

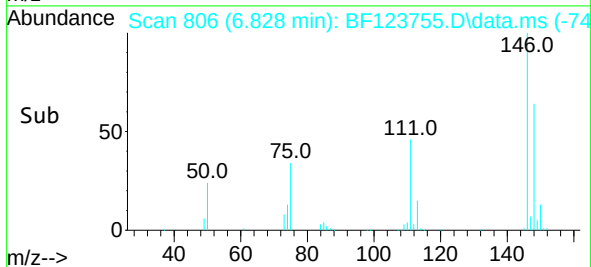
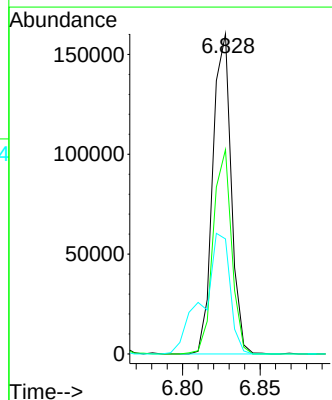
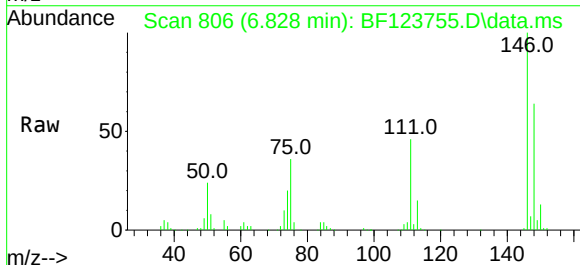
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

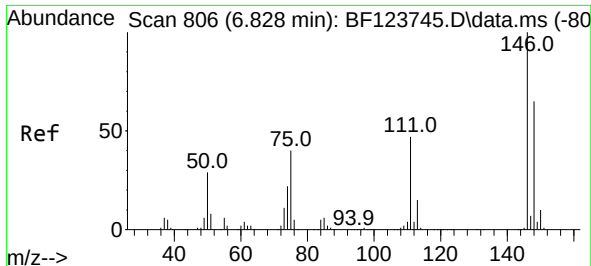
Tgt Ion:	93	Resp:	134026
Ion Ratio	Lower	Upper	
93	100		
63	92.3	76.1	116.1
95	33.9	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 8.58 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.076 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:	146	Resp:	132123
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.9	76.3
75	35.9	34.2	51.4





#13

1,4-Dichlorobenzene

Concen: 8.48 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

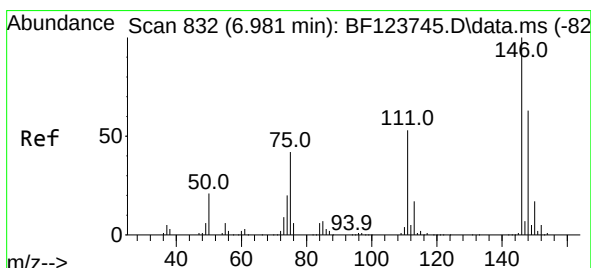
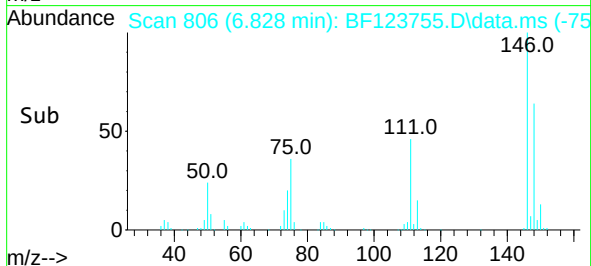
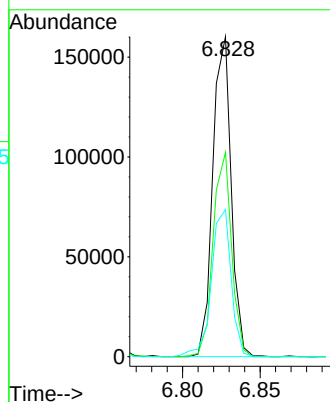
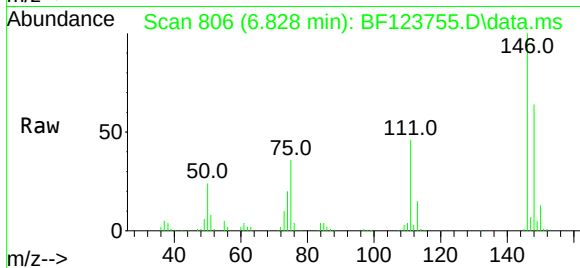
Tgt Ion:146 Resp: 132123

Ion Ratio Lower Upper

146 100

148 63.9 49.9 74.9

111 46.0 39.5 59.3



#14

1,2-Dichlorobenzene

Concen: 8.07 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.000 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

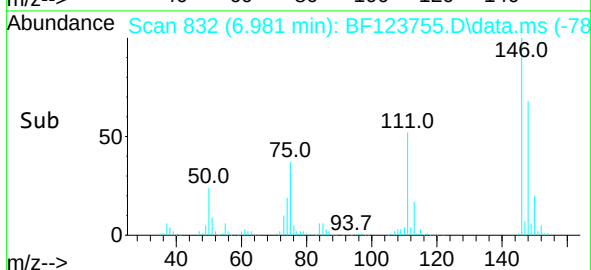
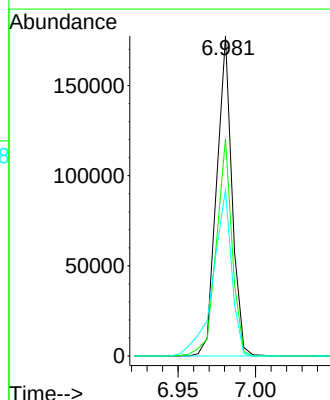
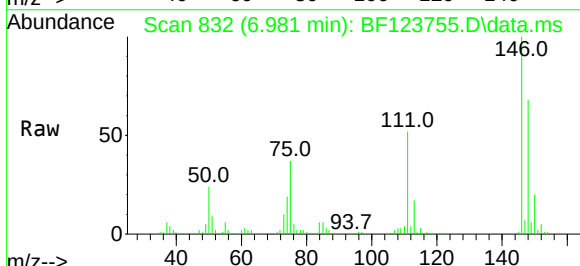
Tgt Ion:146 Resp: 122204

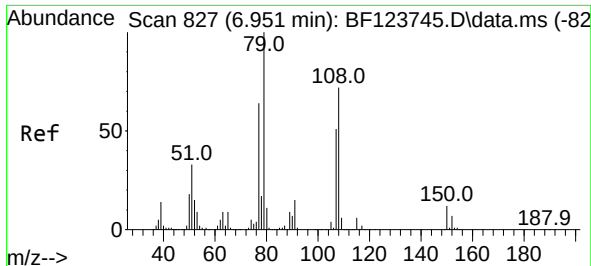
Ion Ratio Lower Upper

146 100

148 67.9 51.6 77.4

111 51.9 38.4 57.6

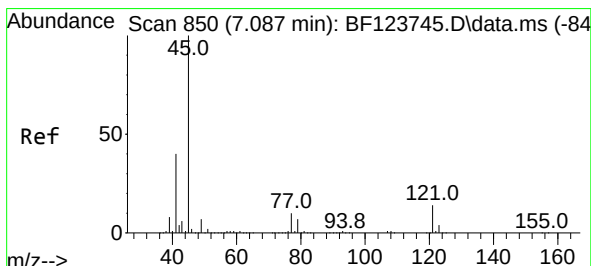
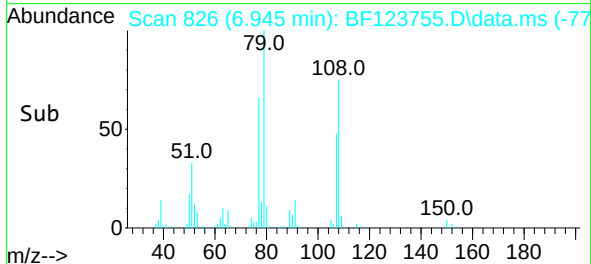
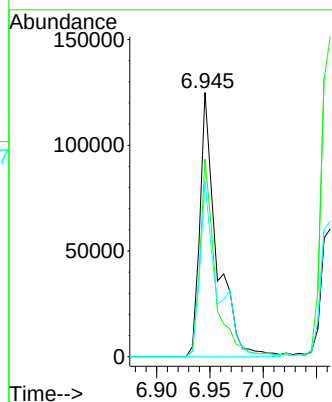
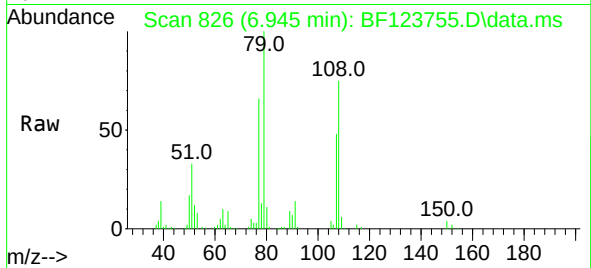




#15
Benzyl Alcohol
Concen: 9.09 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

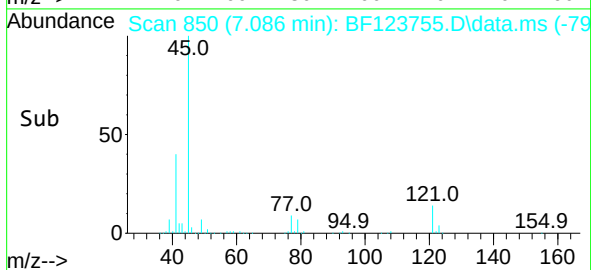
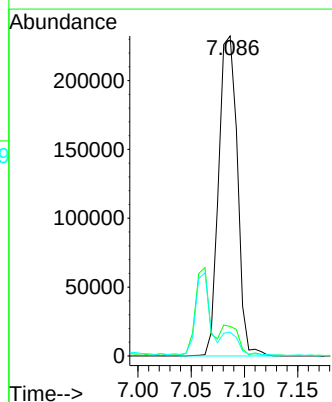
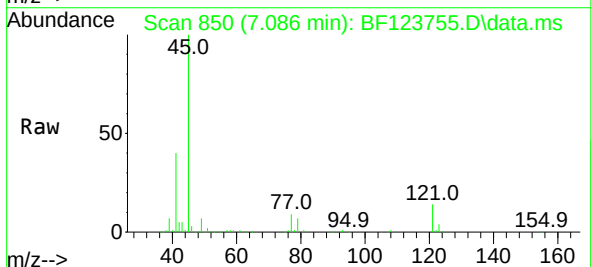
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

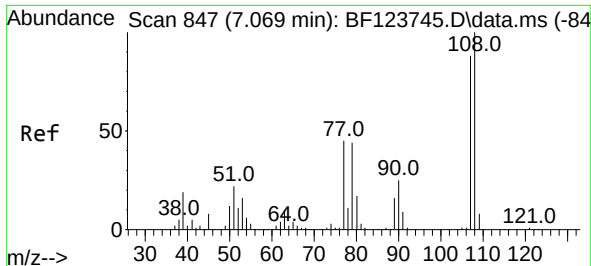
Tgt Ion: 79 Resp: 139146
Ion Ratio Lower Upper
79 100
108 74.8 55.8 83.8
77 66.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.68 ng
RT: 7.086 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion: 45 Resp: 282727
Ion Ratio Lower Upper
45 100
77 9.3 0.0 30.0
79 7.4 0.0 27.3

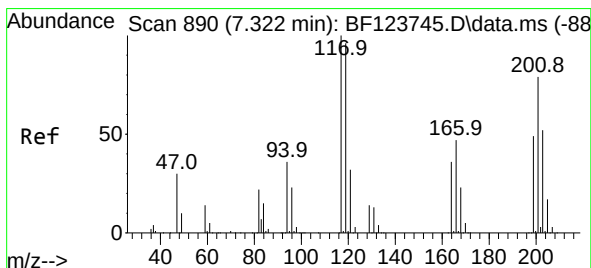
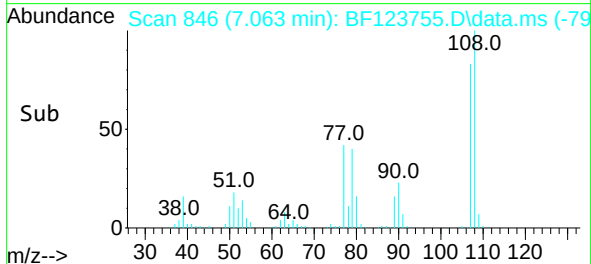
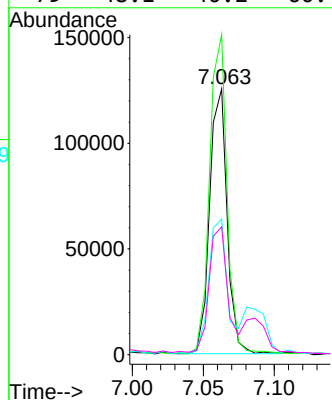
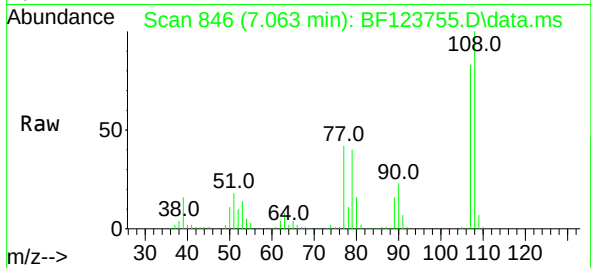




#17
2-Methylphenol
Concen: 8.28 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

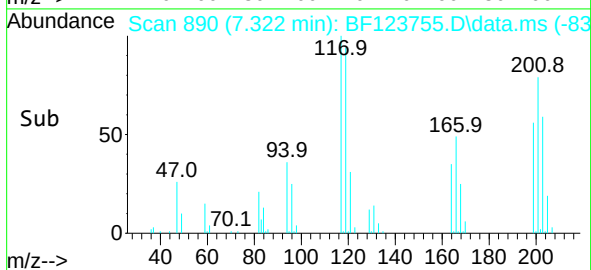
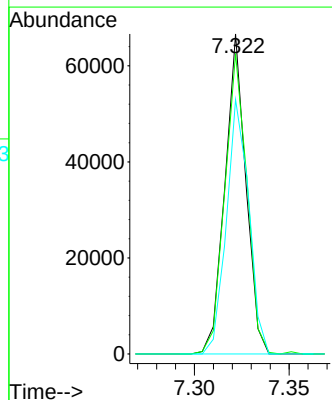
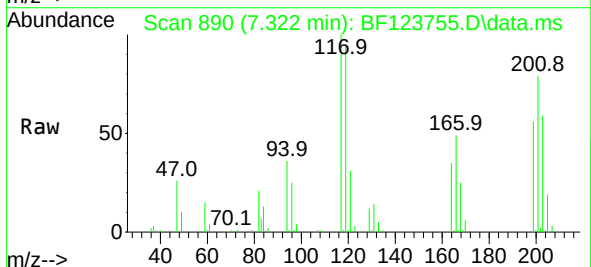
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

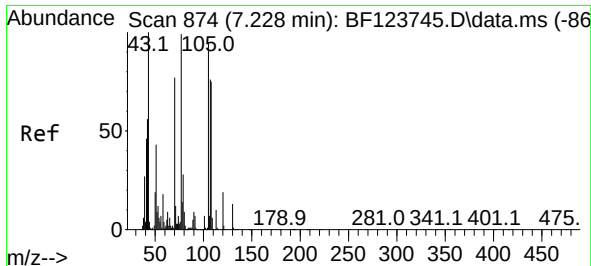
Tgt Ion:	107	Resp:	107613
Ion	Ratio	Lower	Upper
107	100		
108	120.4	89.8	134.8
77	51.1	40.9	61.3
79	48.1	40.2	60.4



#18
Hexachloroethane
Concen: 8.32 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

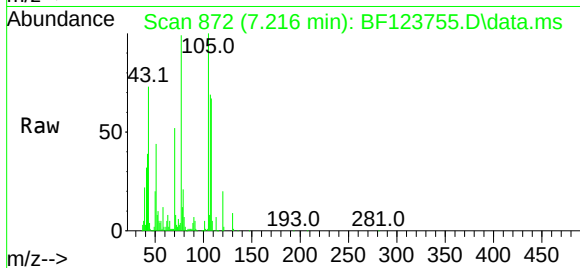
Tgt Ion:	117	Resp:	51335
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.8	116.8
201	79.5	67.8	101.8



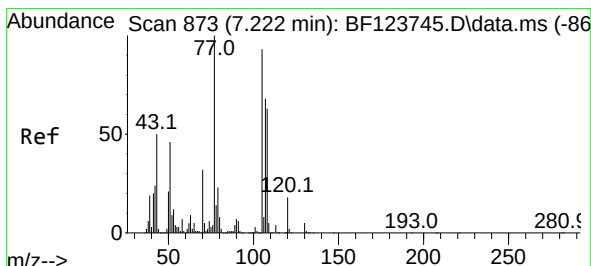
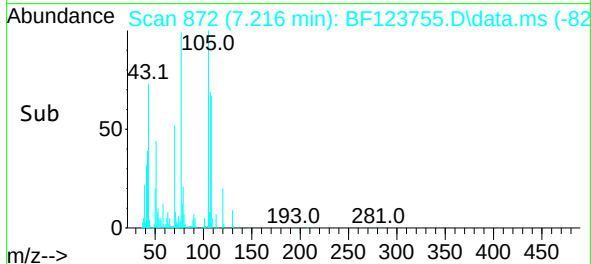
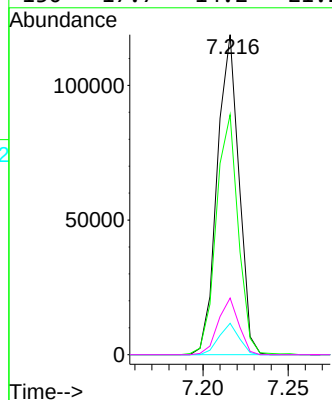


#19
n-Nitroso-di-n-propylamine
Concen: 8.73 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

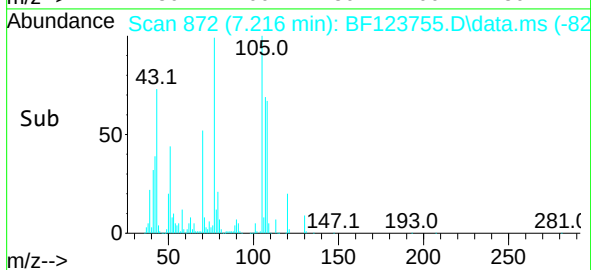
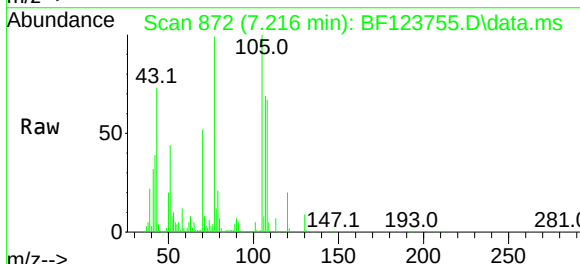
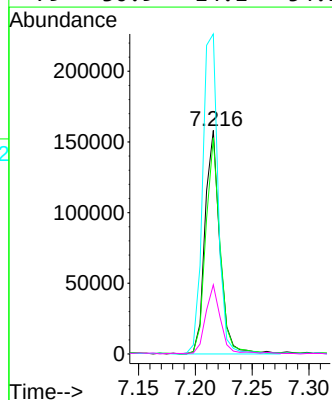


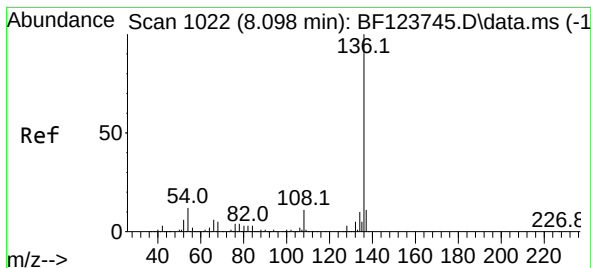
Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.0	60.1	90.1
101	9.8	7.4	11.2
130	17.7	14.2	21.2



#20
3+4-Methylphenols
Concen: 8.69 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.7	71.5	111.5
77	143.2	82.0	122.0#
79	30.9	14.1	54.1

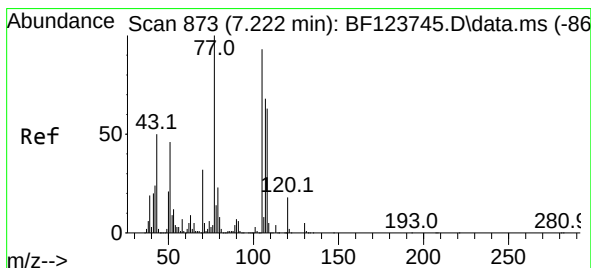
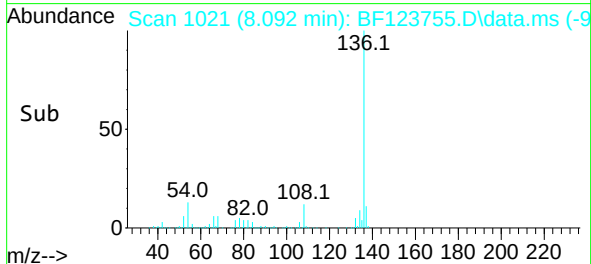
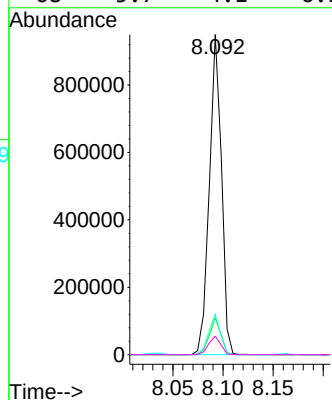
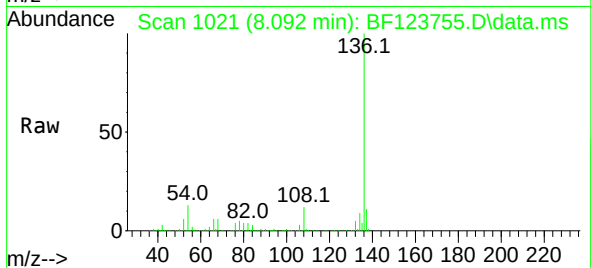




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

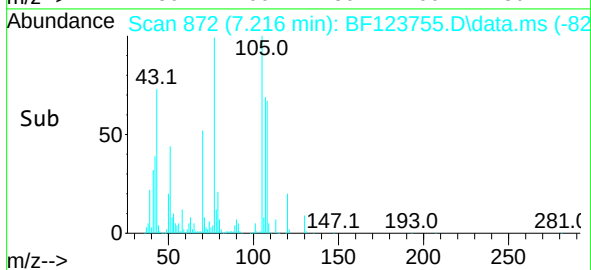
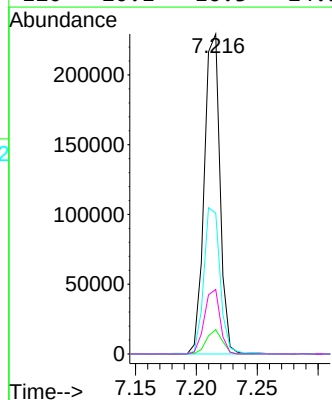
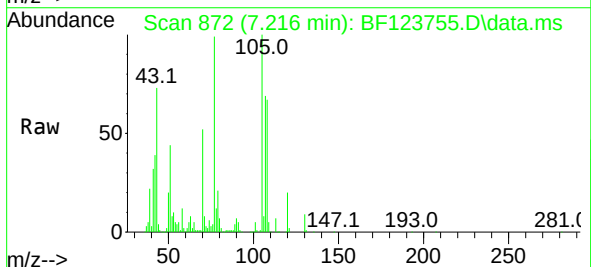
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

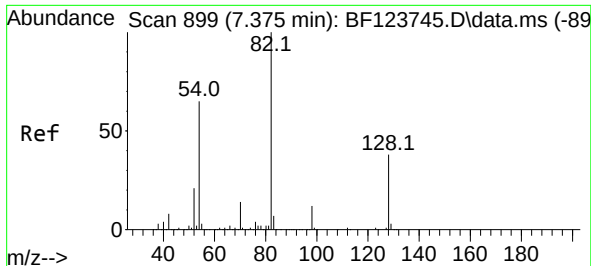
Tgt Ion:136	Resp: 800685
Ion Ratio	Lower Upper
136 100	
137 11.5	8.7 13.1
54 12.6	9.8 14.6
68 5.7	4.1 6.1



#22
Acetophenone
Concen: 9.44 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:105	Resp: 205413
Ion Ratio	Lower Upper
105 100	
71 7.6	4.2 6.4#
51 44.0	33.6 50.4
120 20.1	16.3 24.5





#23

Nitrobenzene-d5

Concen: 88.35 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

Tgt Ion: 82 Resp: 1567112

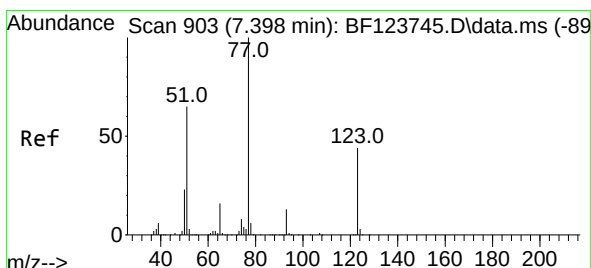
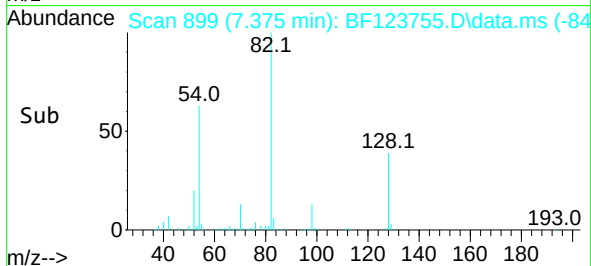
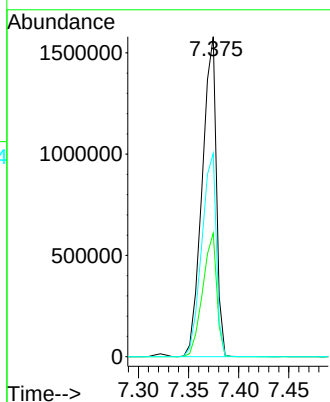
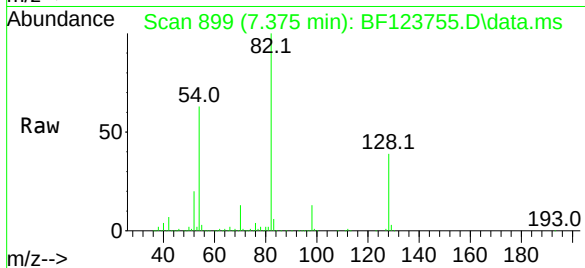
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.4	44.2
54	63.5	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021



#24

Nitrobenzene

Concen: 8.55 ng

RT: 7.386 min Scan# 901

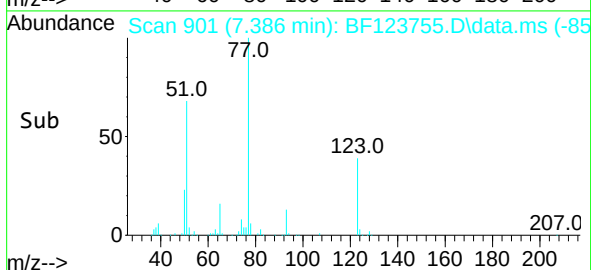
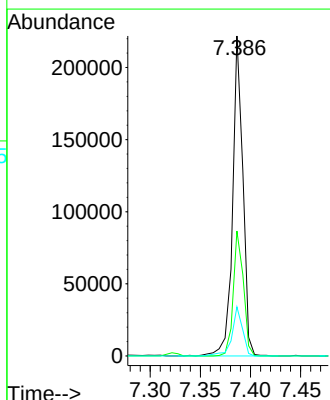
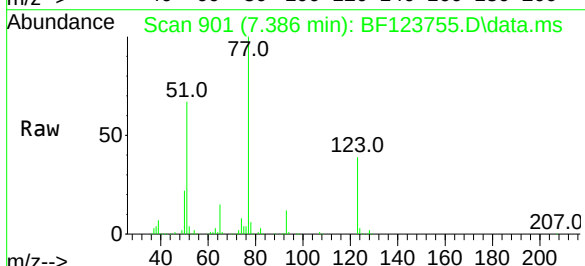
Delta R.T. -0.012 min

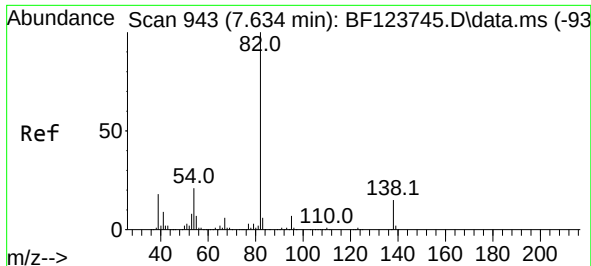
Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

Tgt Ion: 77 Resp: 157976

Ion	Ratio	Lower	Upper
77	100		
123	39.1	34.5	51.7
65	15.4	12.2	18.2

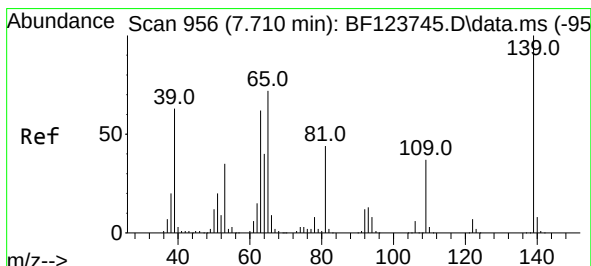
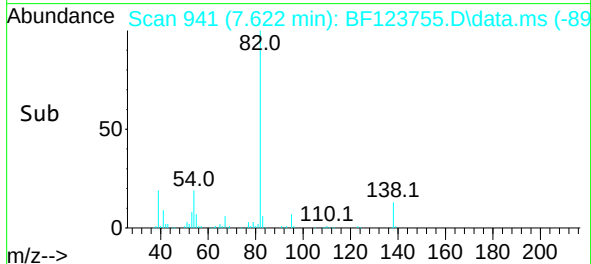
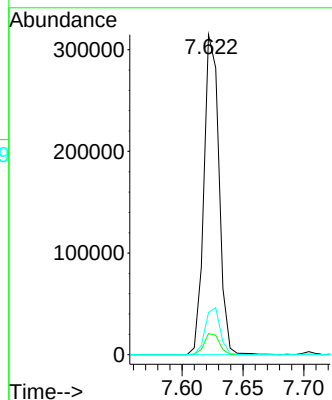
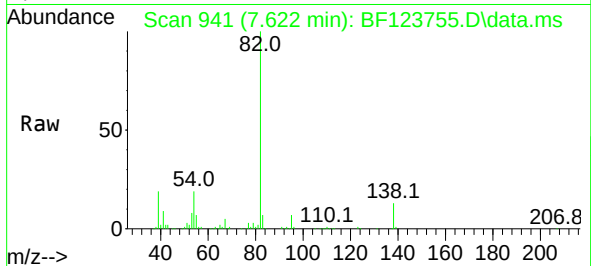




#25
Isophorone
Concen: 8.13 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

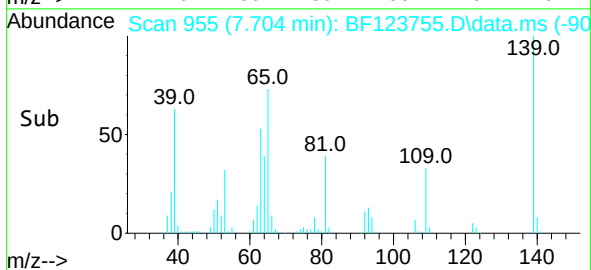
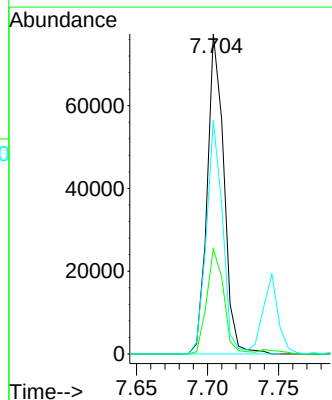
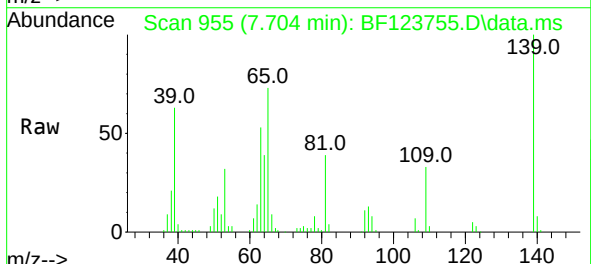
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

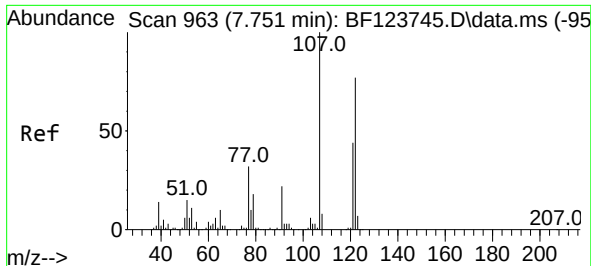
Tgt Ion: 82 Resp: 270489
Ion Ratio Lower Upper
82 100
95 6.6 5.8 8.6
138 13.2 11.8 17.8



#26
2-Nitrophenol
Concen: 8.39 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion: 139 Resp: 63245
Ion Ratio Lower Upper
139 100
109 32.9 28.6 43.0
65 73.0 56.8 85.2

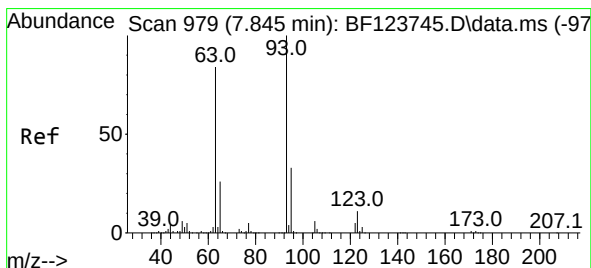
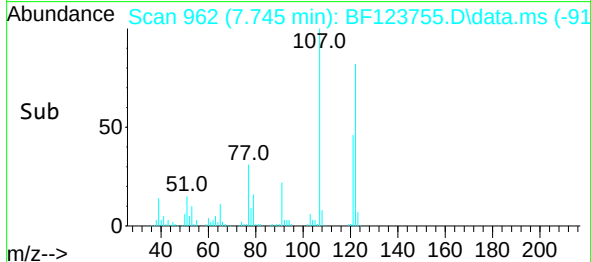
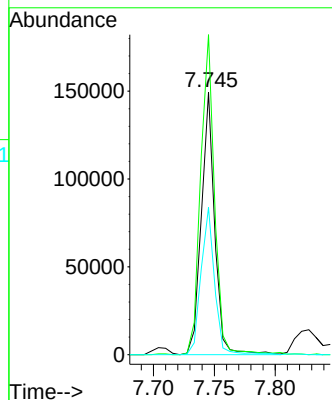
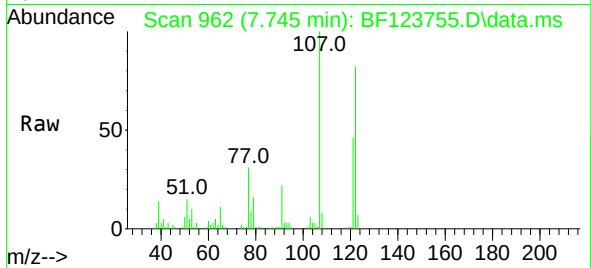




#27
2,4-Dimethylphenol
Concen: 9.63 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

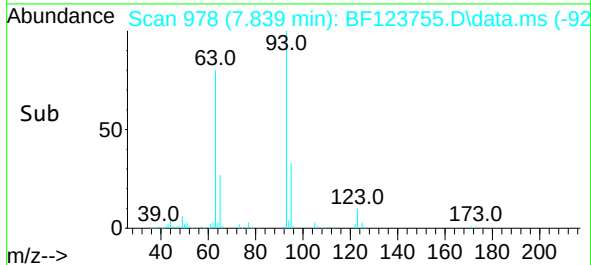
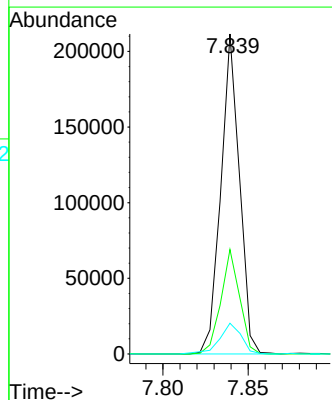
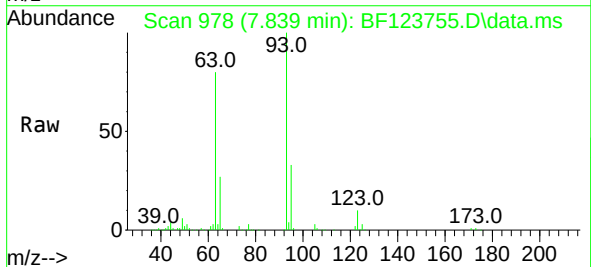
Instrument :
BNA_F
ClientSampleId :
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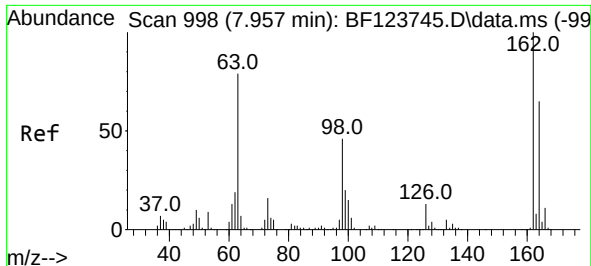
Tgt Ion:122 Resp: 114078
Ion Ratio Lower Upper
122 100
107 121.9 106.3 159.5
121 56.1 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 9.49 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

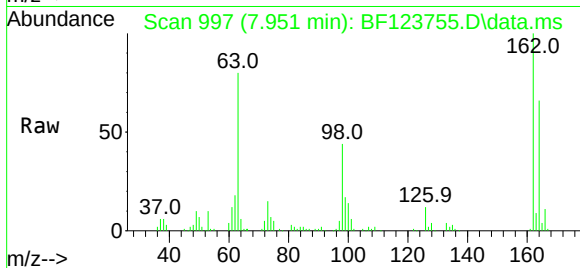
Tgt Ion: 93 Resp: 160770
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 9.6 8.4 12.6



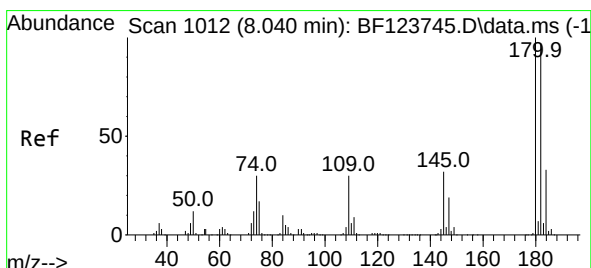
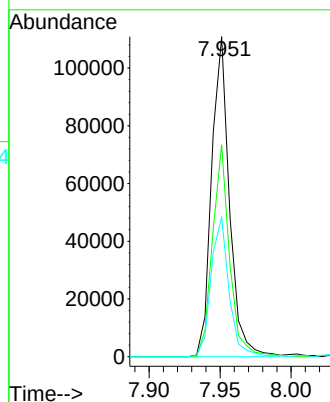
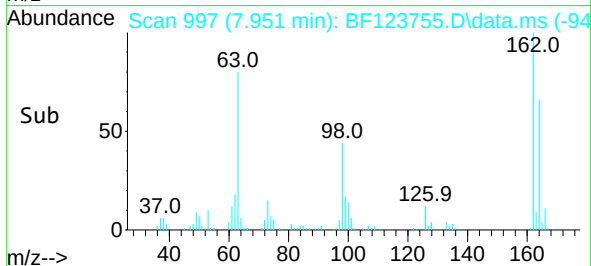


#29
2,4-Dichlorophenol
Concen: 8.29 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

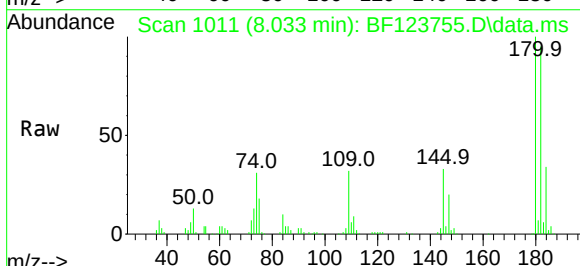
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



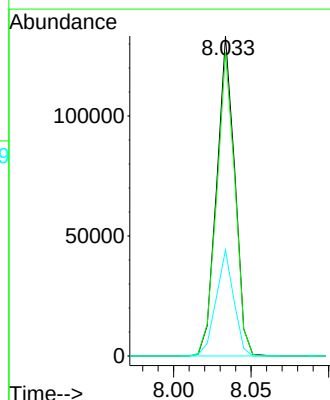
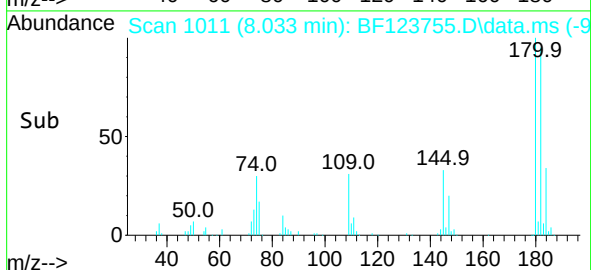
Tgt Ion:162 Resp: 96760
Ion Ratio Lower Upper
162 100
164 66.2 44.1 84.1
98 43.5 27.3 67.3

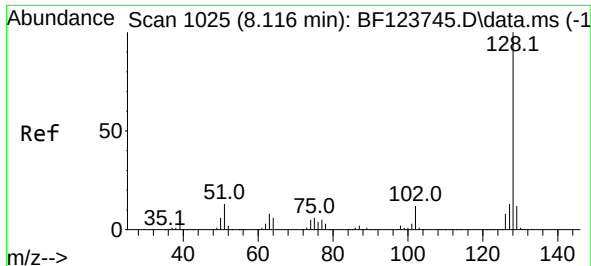


#30
1,2,4-Trichlorobenzene
Concen: 8.83 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17



Tgt Ion:180 Resp: 108058
Ion Ratio Lower Upper
180 100
182 95.0 77.2 115.8
145 33.2 26.0 39.0

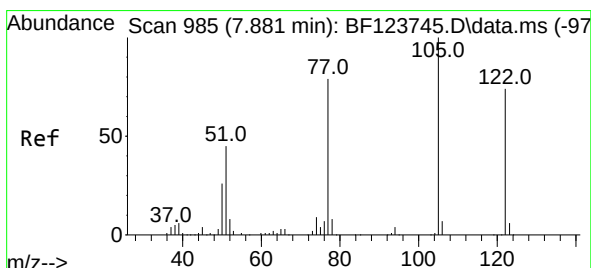
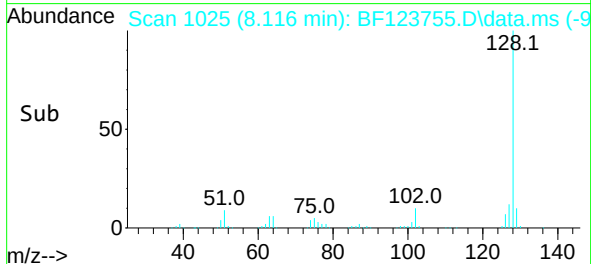
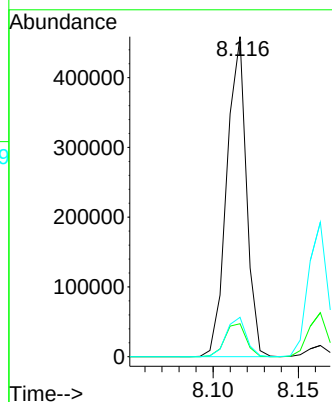
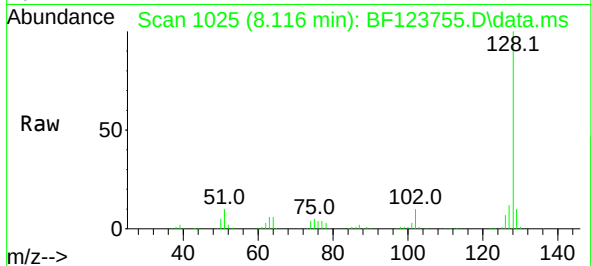




#31
Naphthalene
Concen: 8.92 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

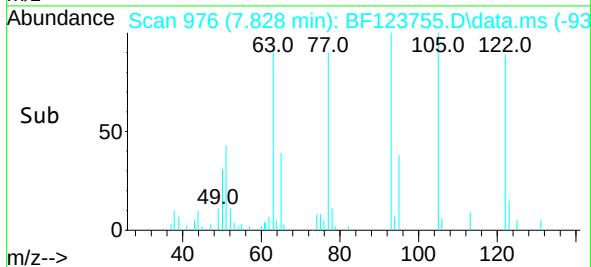
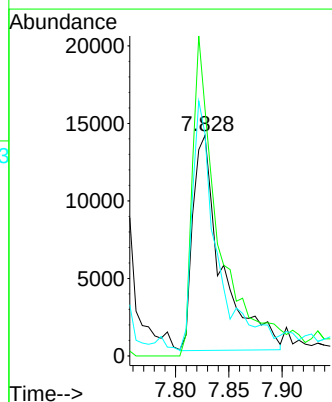
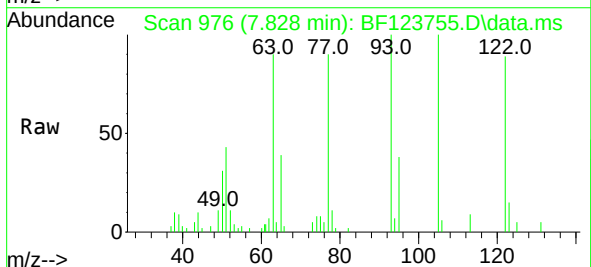
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

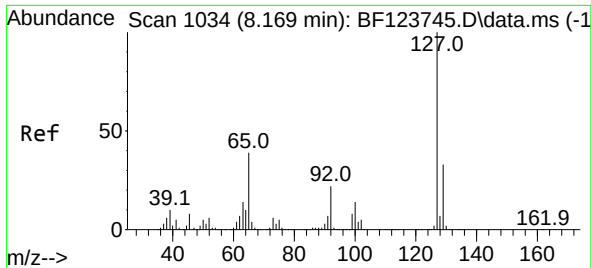
Tgt Ion:128 Resp: 367653
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.3 10.8 16.2



#32
Benzoic acid
Concen: 3.51 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.053 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:122 Resp: 26134
Ion Ratio Lower Upper
122 100
105 112.0 107.8 147.8
77 100.7 81.6 121.6

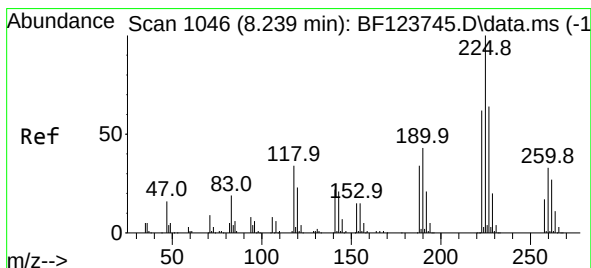
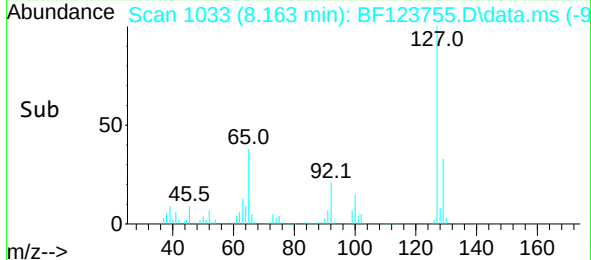
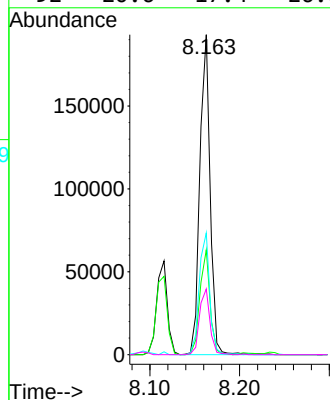
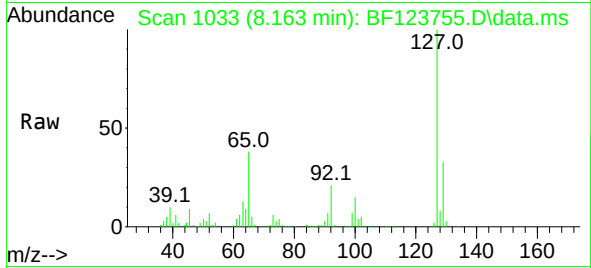




#33
4-Chloroaniline
Concen: 8.97 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

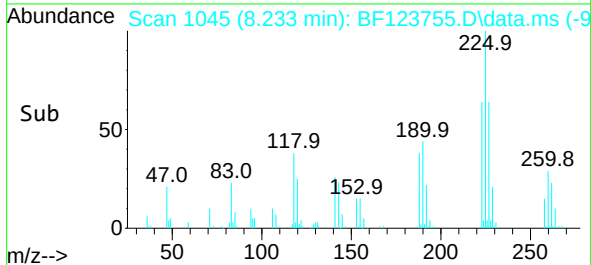
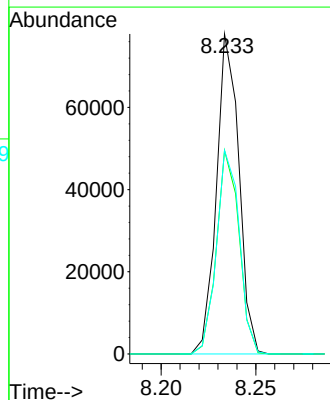
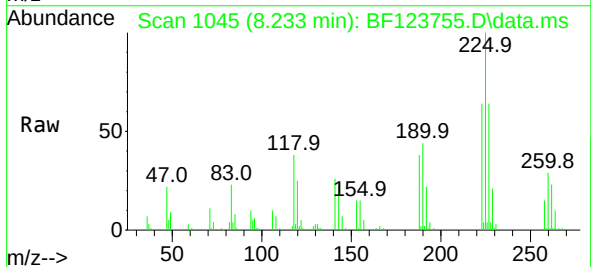
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

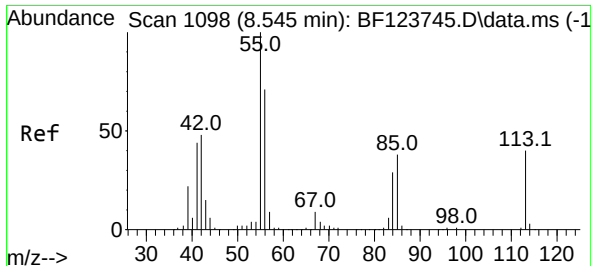
Tgt Ion:	127	Resp:	154290
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.7	38.5
65	38.1	34.5	51.7
92	20.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 8.60 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:	225	Resp:	64081
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.4	75.6
227	63.7	51.4	77.0

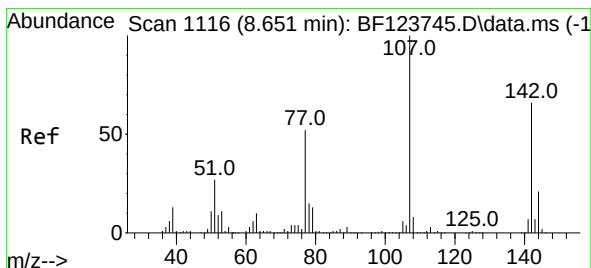
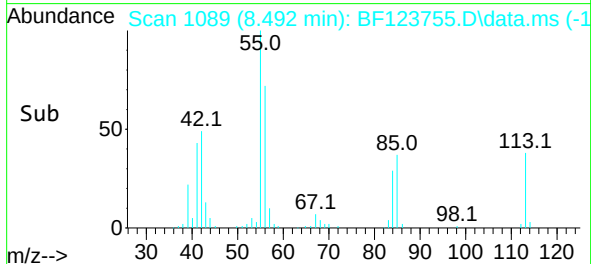
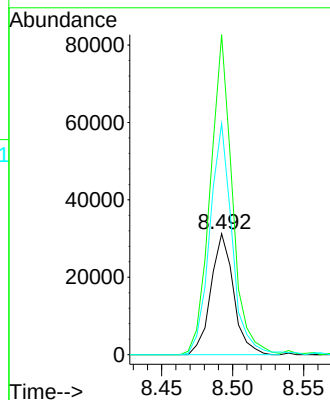
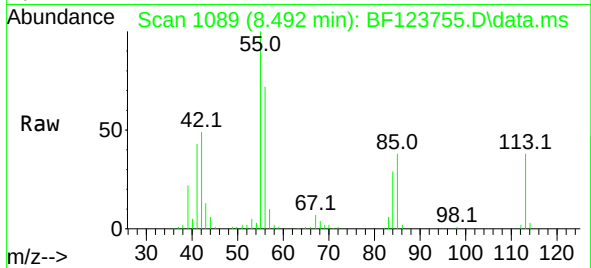




#35
Caprolactam
Concen: 8.46 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.053 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

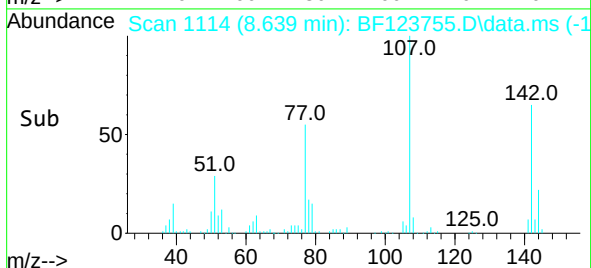
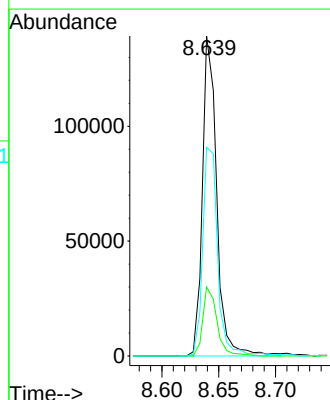
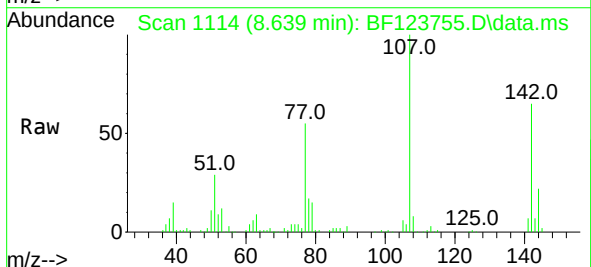
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

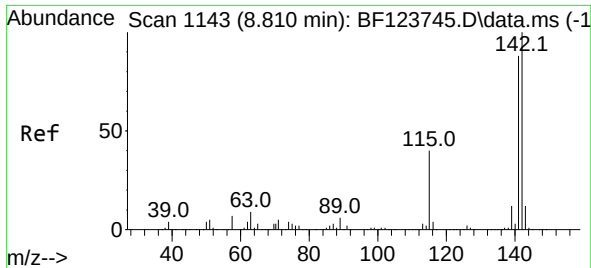
Tgt Ion:113 Resp: 34673
Ion Ratio Lower Upper
113 100
55 264.4 254.9 294.9
56 191.0 179.4 219.4



#36
4-Chloro-3-methylphenol
Concen: 8.35 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:107 Resp: 121657
Ion Ratio Lower Upper
107 100
144 21.5 16.3 24.5
142 65.2 50.1 75.1

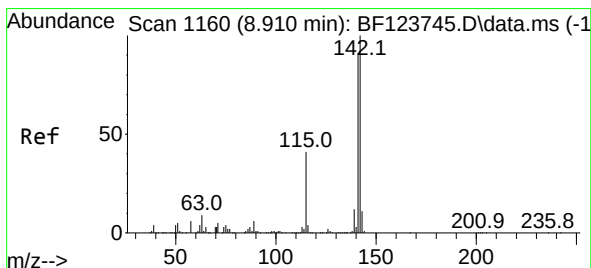
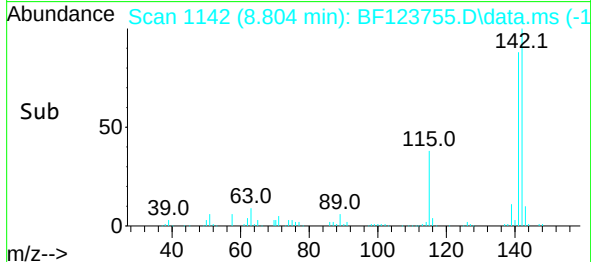
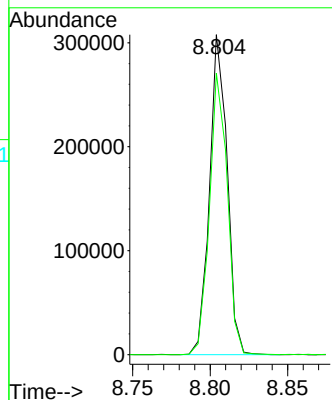
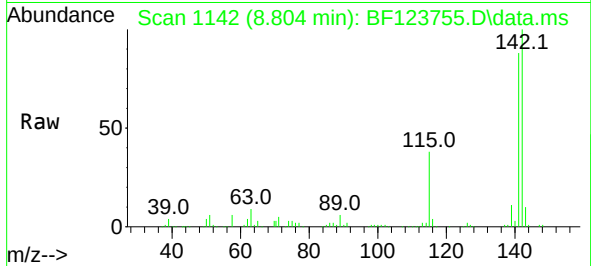




#37
2-Methylnaphthalene
Concen: 9.06 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

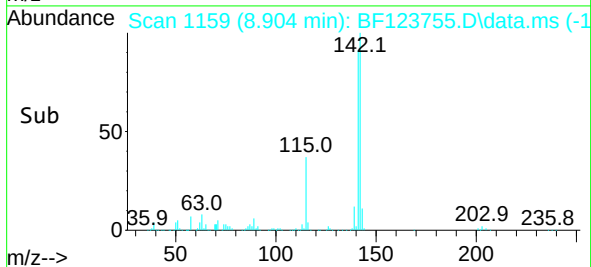
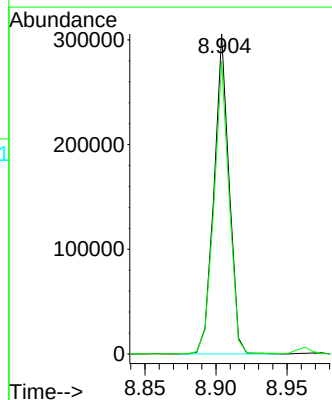
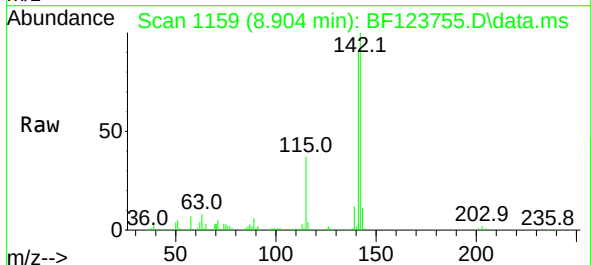
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

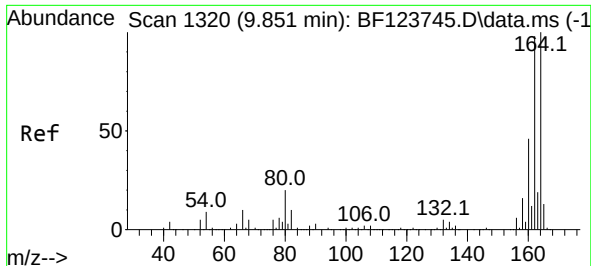
Tgt Ion:142 Resp: 243492
Ion Ratio Lower Upper
142 100
141 88.0 71.8 107.6



#38
1-Methylnaphthalene
Concen: 8.97 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:142 Resp: 226589
Ion Ratio Lower Upper
142 100
141 91.4 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: BF123755.D

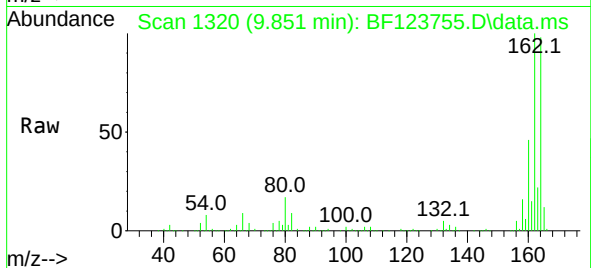
Acq: 28 Apr 2021 11:17

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021



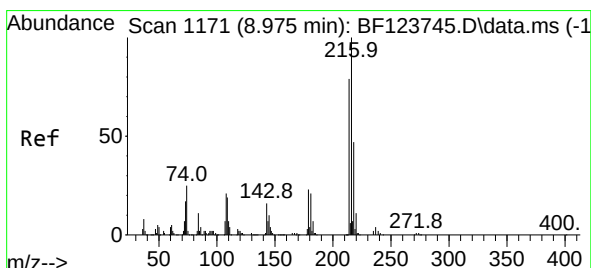
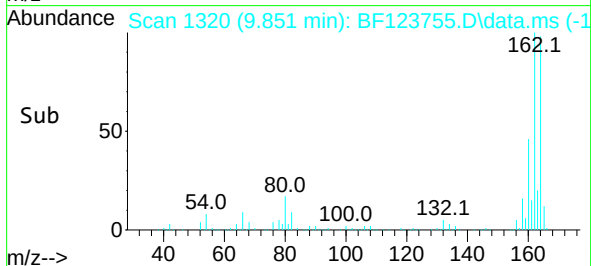
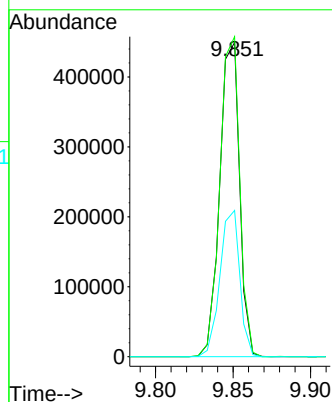
Tgt Ion:164 Resp: 400056

Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

160 46.6 37.3 55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.08 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

Tgt Ion:216 Resp: 106853

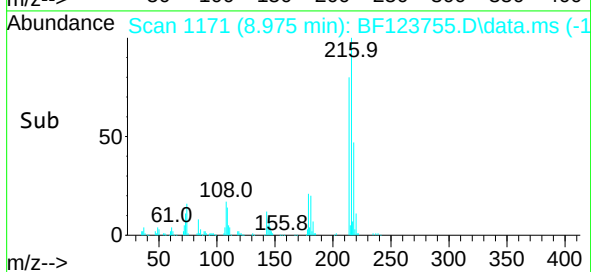
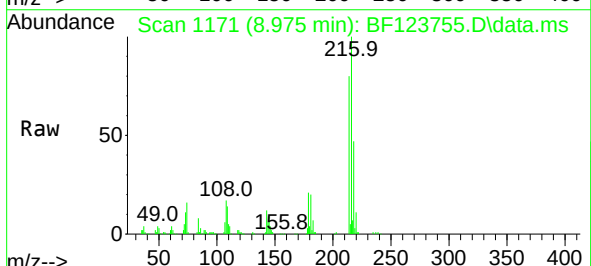
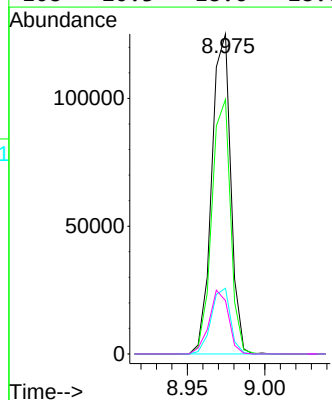
Ion Ratio Lower Upper

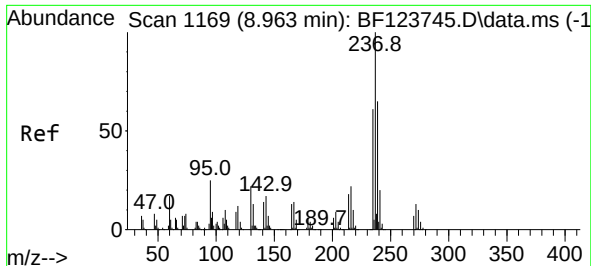
216 100

214 78.5 63.8 95.8

179 20.7 17.9 26.9

108 20.3 18.6 28.0

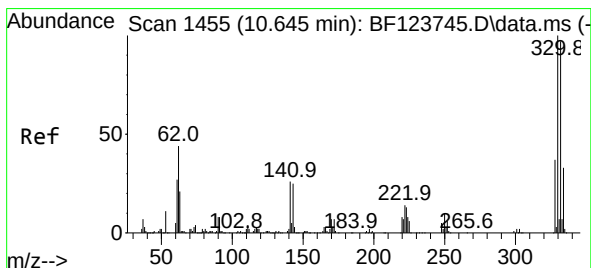
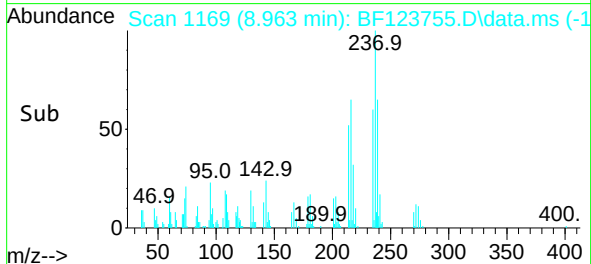
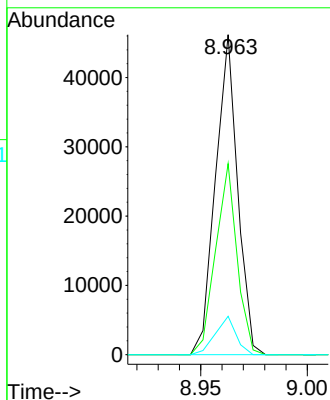
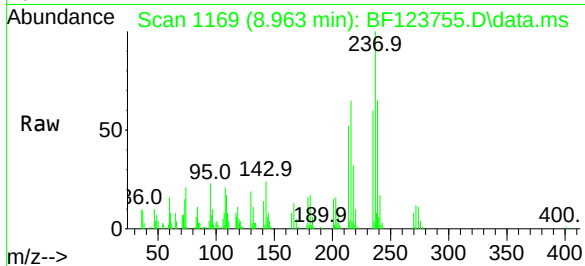




#41
Hexachlorocyclopentadiene
Concen: 7.13 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

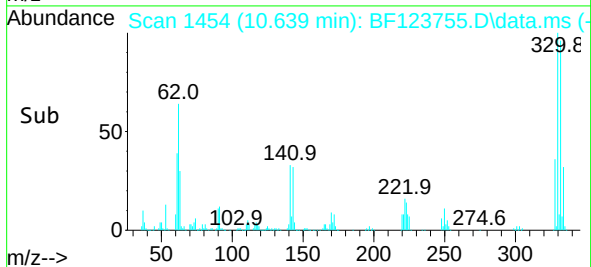
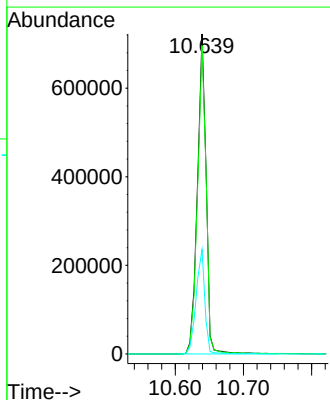
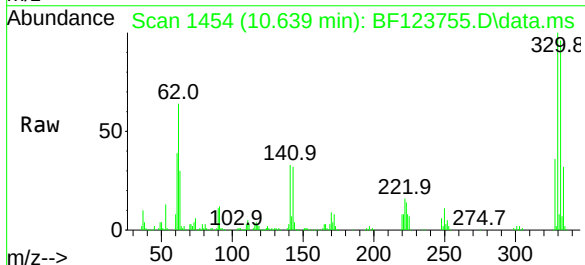
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

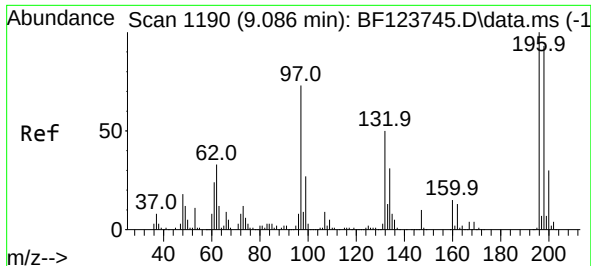
Tgt Ion:237 Resp: 33274
Ion Ratio Lower Upper
237 100
235 59.7 38.8 78.8
272 12.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 128.88 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:330 Resp: 641871
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 32.7 27.9 41.9

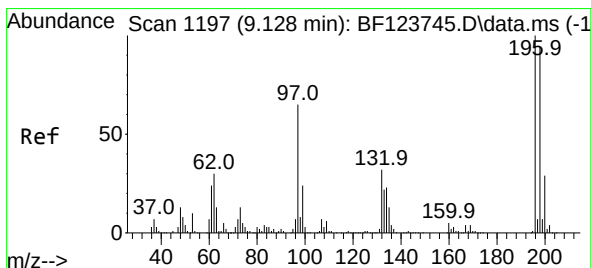
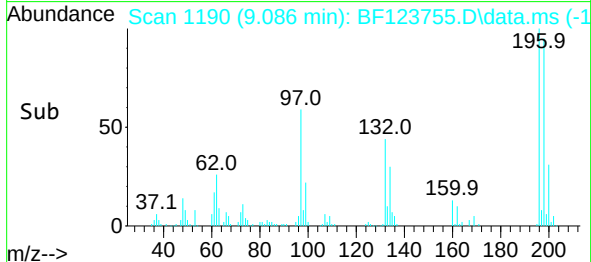
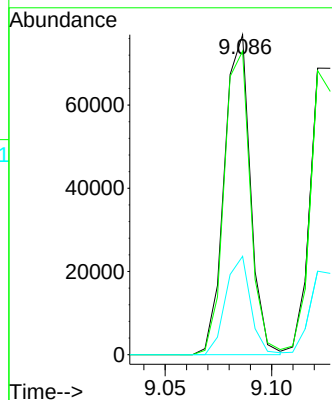
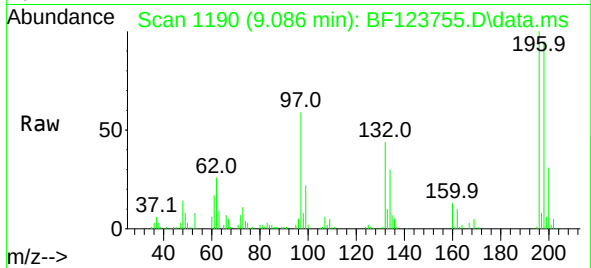




#43
2,4,6-Trichlorophenol
Concen: 8.08 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

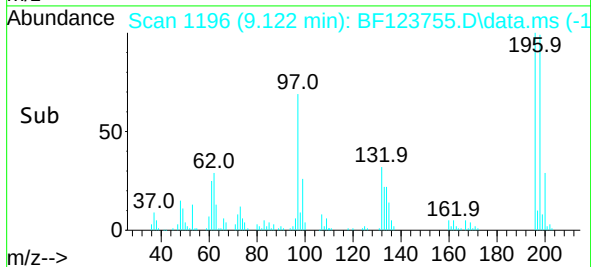
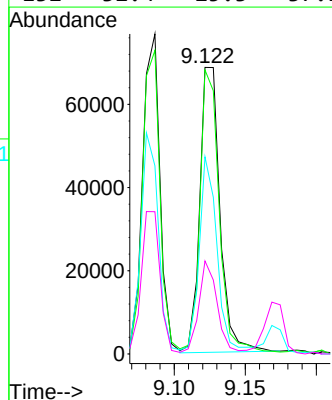
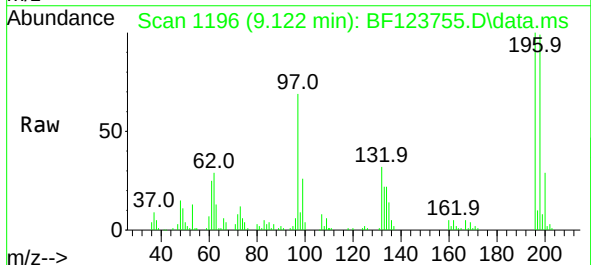
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

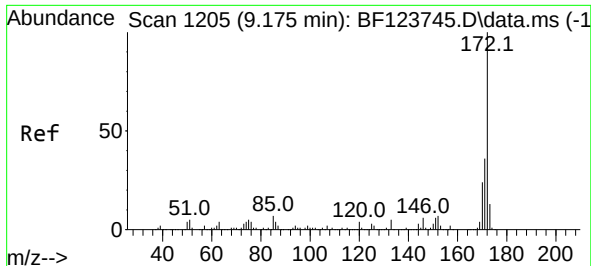
Tgt Ion:196 Resp: 65522
Ion Ratio Lower Upper
196 100
198 94.8 78.2 117.2
200 30.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 7.83 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:196 Resp: 68163
Ion Ratio Lower Upper
196 100
198 99.1 76.5 114.7
97 68.8 52.9 79.3
132 32.4 25.3 37.9

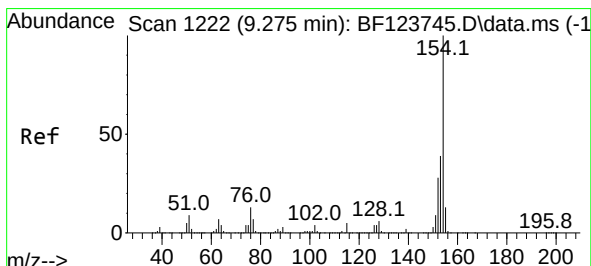
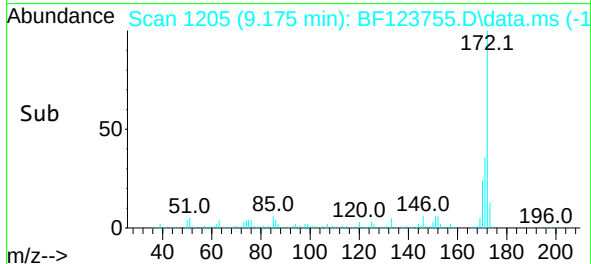
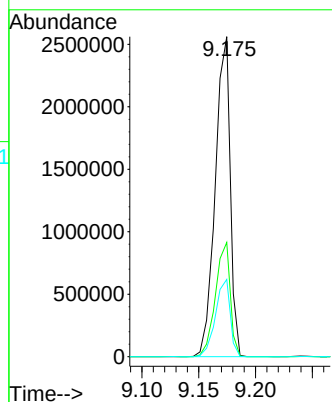
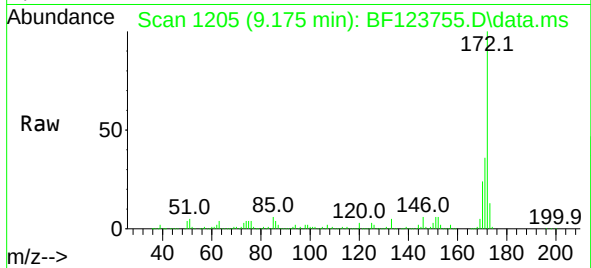




#45
2-Fluorobiphenyl
Concen: 85.66 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

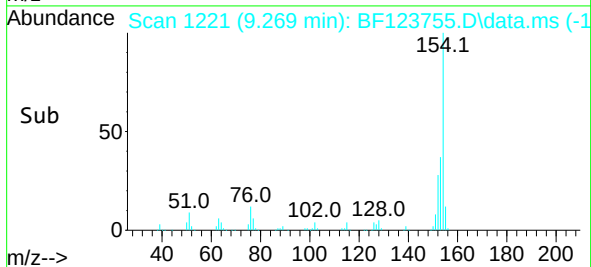
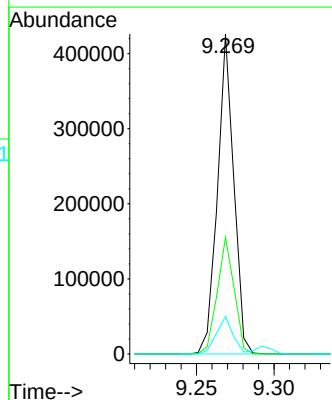
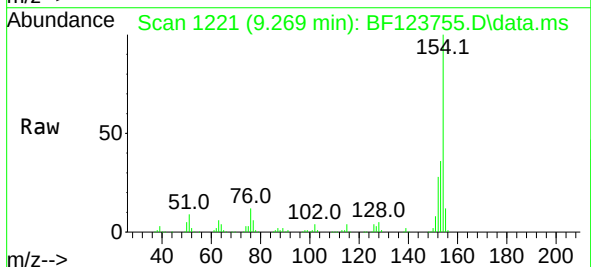
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

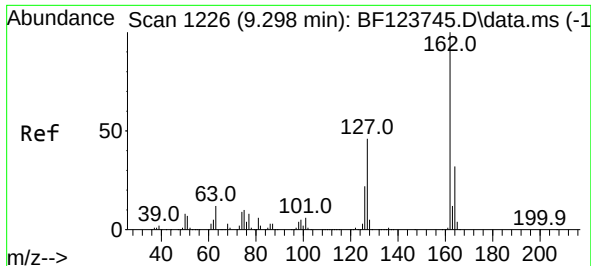
Tgt Ion:172 Resp: 2353063
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.1 19.2 28.8



#46
1,1'-Biphenyl
Concen: 9.49 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:154 Resp: 311110
Ion Ratio Lower Upper
154 100
153 36.5 20.7 60.7
76 11.7 0.0 31.7

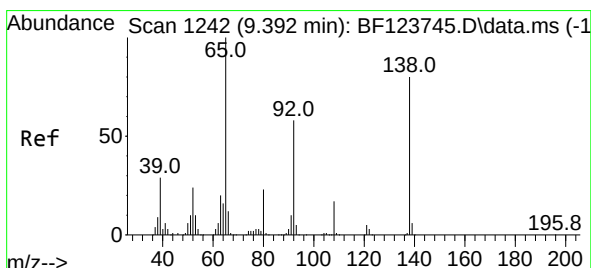
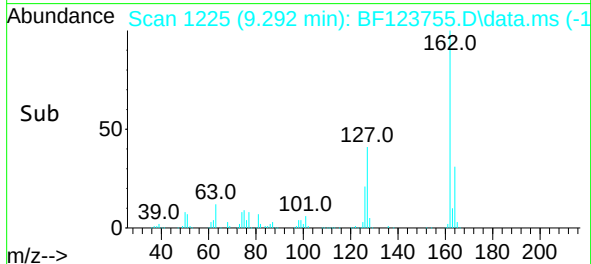
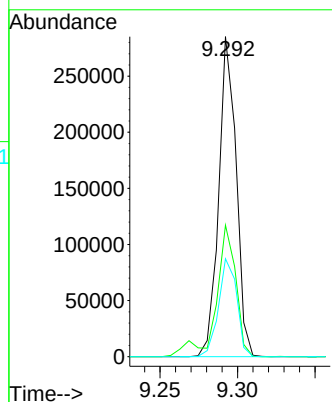
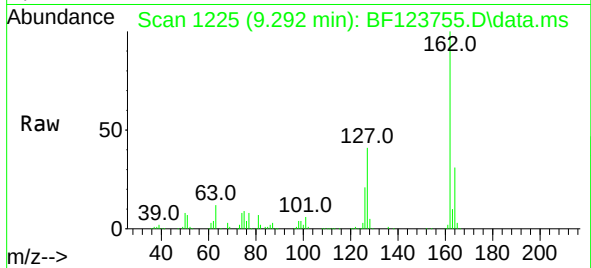




#47
2-Chloronaphthalene
Concen: 9.02 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

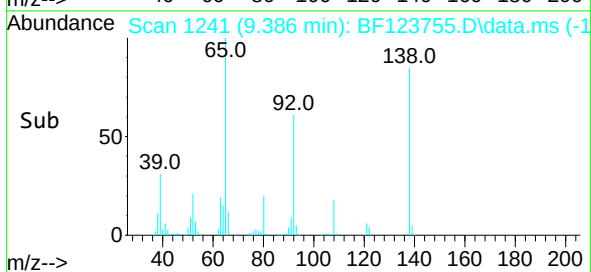
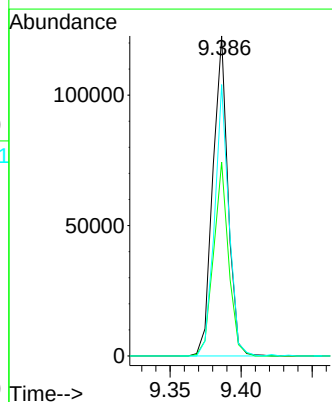
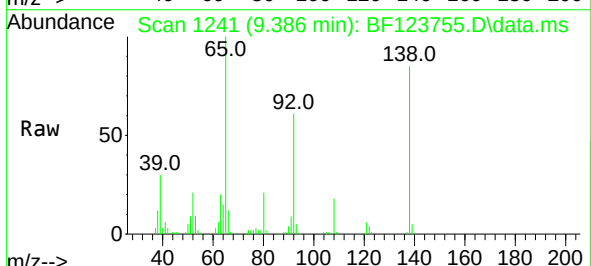
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

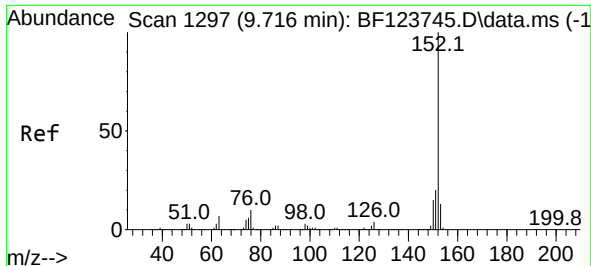
Tgt Ion:162 Resp: 222854
Ion Ratio Lower Upper
162 100
127 41.1 36.2 54.2
164 30.6 25.4 38.2



#48
2-Nitroaniline
Concen: 8.35 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion: 65 Resp: 90871
Ion Ratio Lower Upper
65 100
92 60.6 47.1 70.7
138 84.8 70.2 105.2





#49

Acenaphthylene

Concen: 9.13 ng

RT: 9.710 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

Tgt Ion:152 Resp: 364100

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

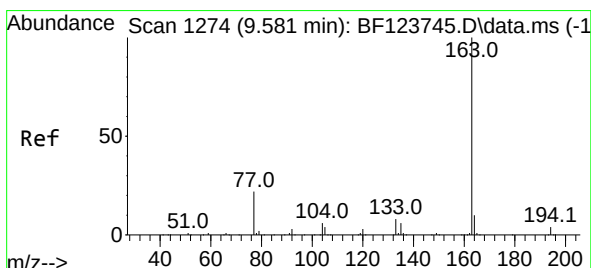
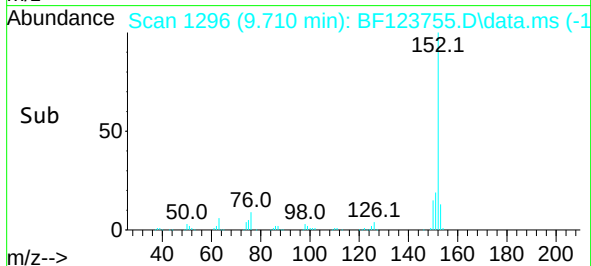
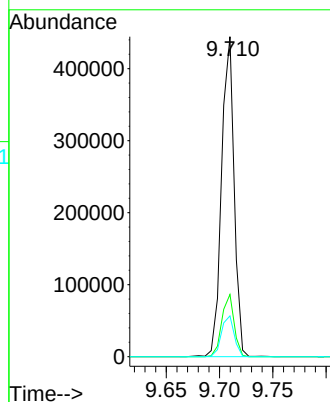
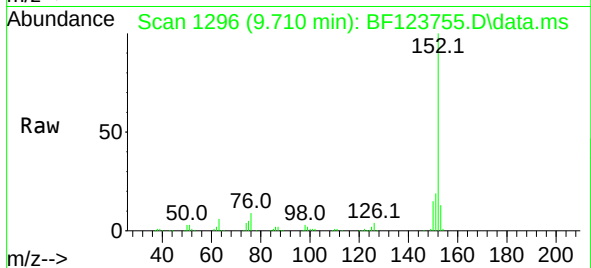
153 12.8 10.4 15.6

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021



#50

Dimethylphthalate

Concen: 8.89 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.018 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

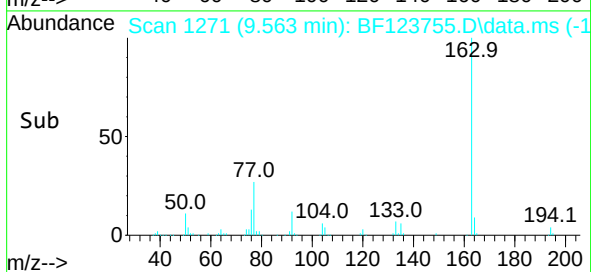
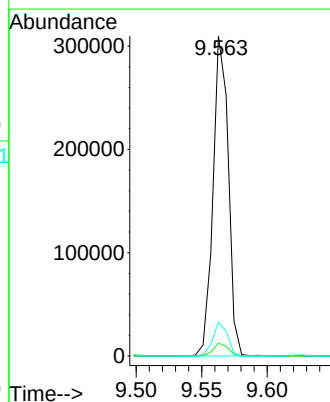
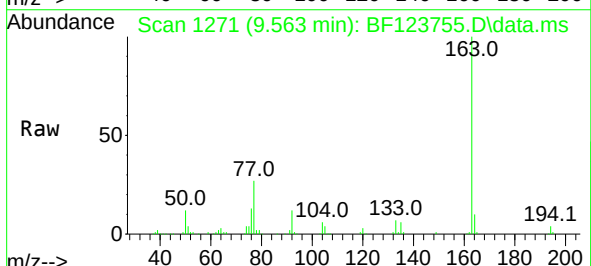
Tgt Ion:163 Resp: 250414

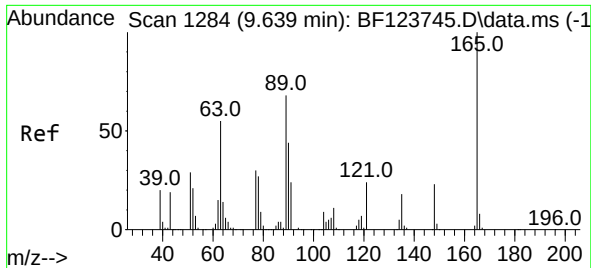
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.5 8.2 12.2

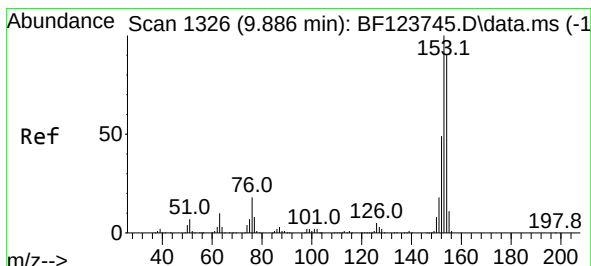
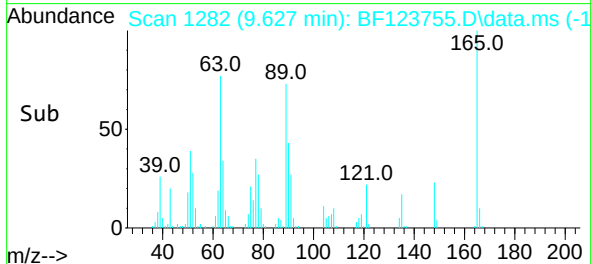
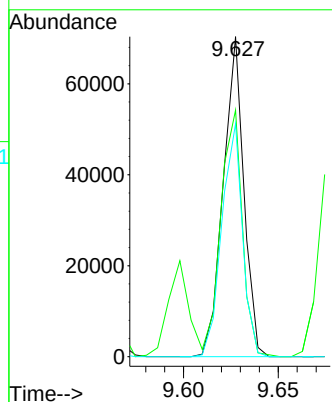
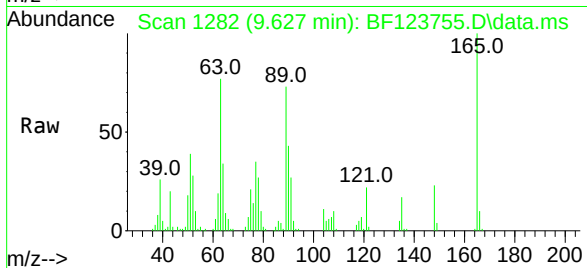




#51
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

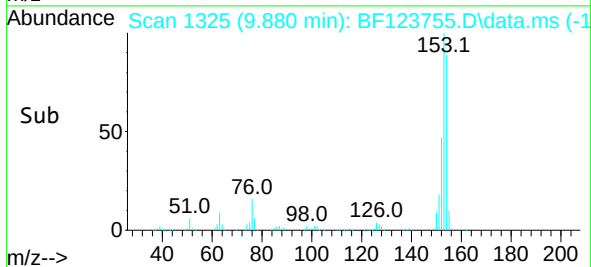
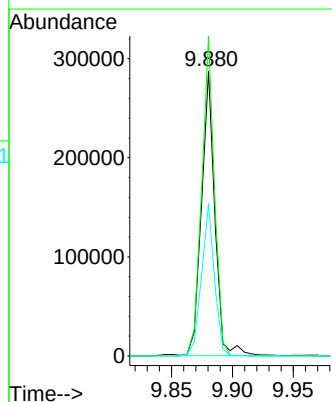
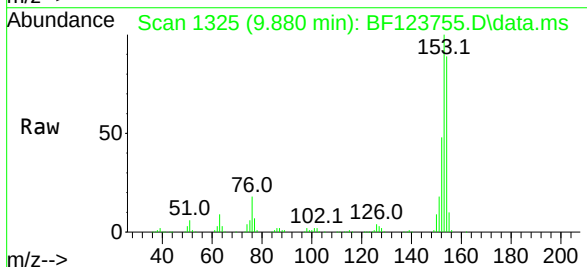
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

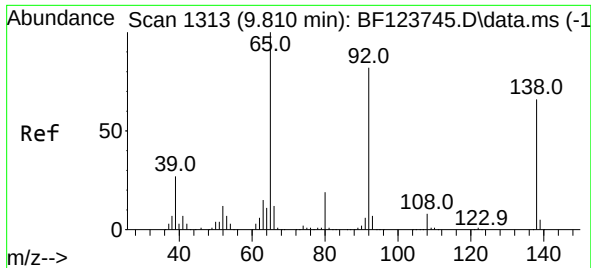
Tgt Ion:165 Resp: 53161
Ion Ratio Lower Upper
165 100
63 77.0 67.7 101.5
89 72.8 58.8 88.2



#52
Acenaphthene
Concen: 9.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:154 Resp: 218775
Ion Ratio Lower Upper
154 100
153 112.4 88.1 132.1
152 53.5 43.4 65.0

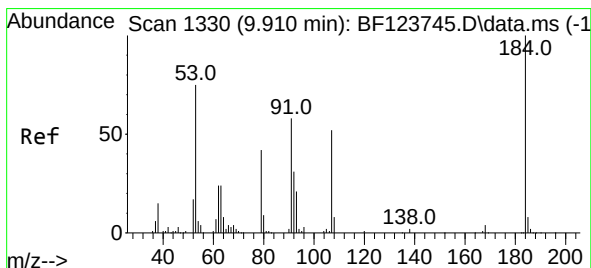
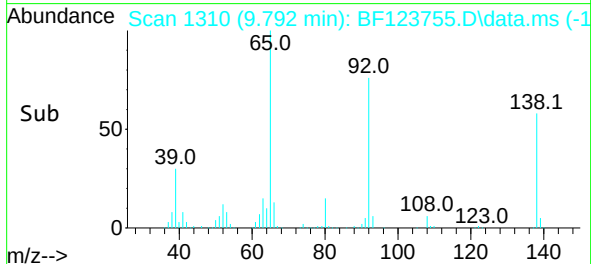
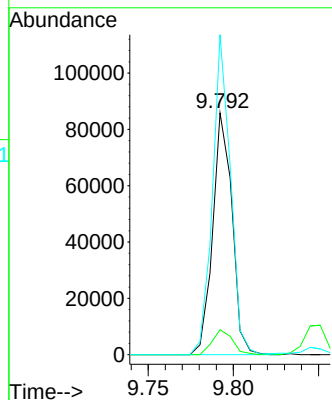
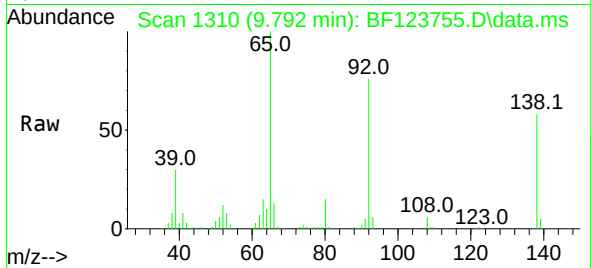




#53
3-Nitroaniline
Concen: 8.68 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

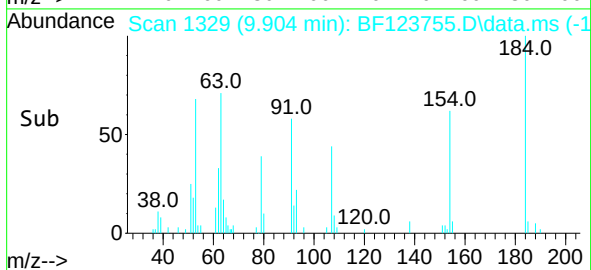
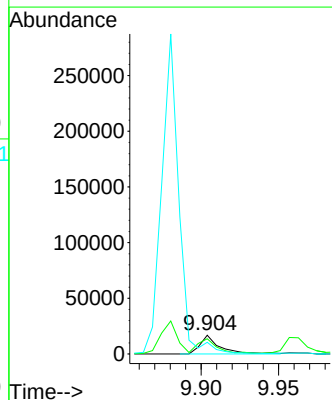
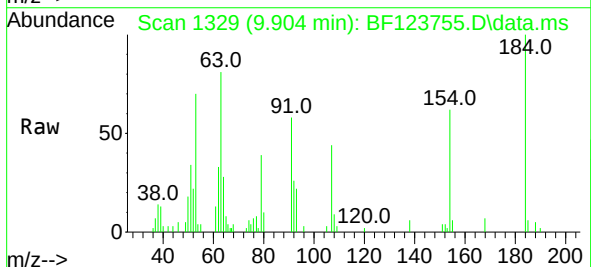
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

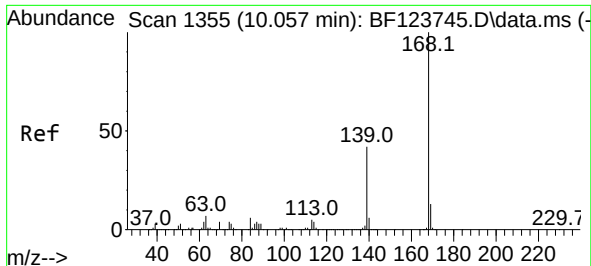
Tgt Ion:	138	Resp:	67561
Ion	Ratio	Lower	Upper
138	100		
108	10.4	10.2	15.4
92	132.4	103.3	154.9



#54
2,4-Dinitrophenol
Concen: 4.29 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:	184	Resp:	14854
Ion	Ratio	Lower	Upper
184	100		
63	80.5	73.5	110.3
154	62.2	52.5	78.7

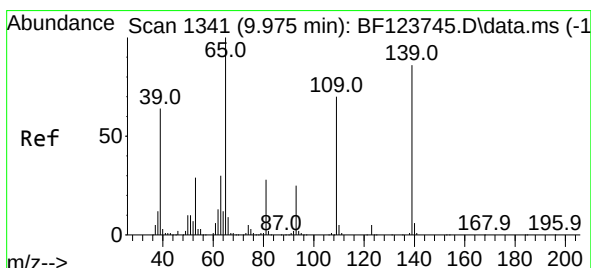
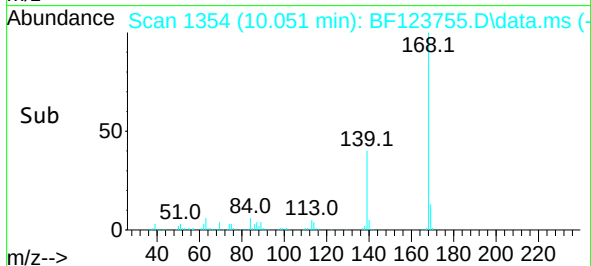
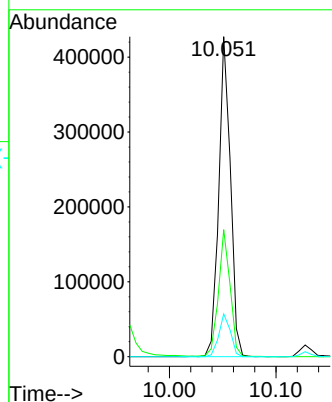
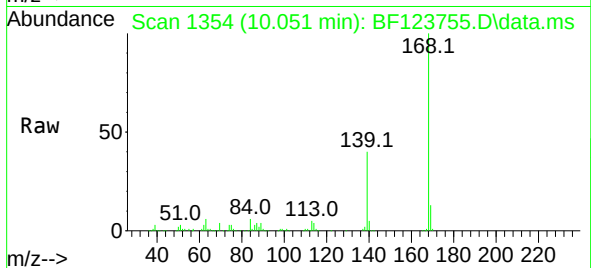




#55
Dibenzenofuran
Concen: 8.84 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

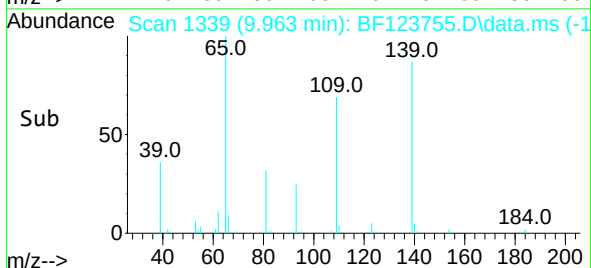
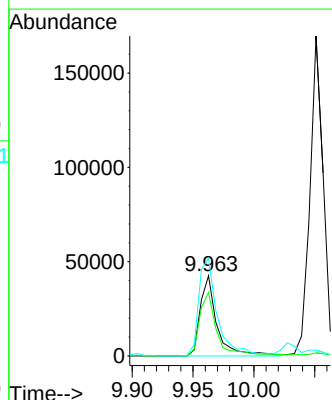
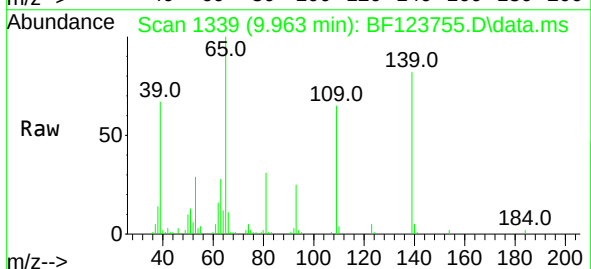
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

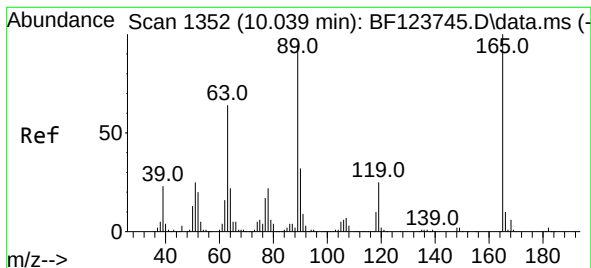
Tgt Ion:168 Resp: 324882
Ion Ratio Lower Upper
168 100
139 39.7 33.2 49.8
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 7.24 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:139 Resp: 41001
Ion Ratio Lower Upper
139 100
109 79.2 63.2 103.2
65 121.9 110.0 150.0

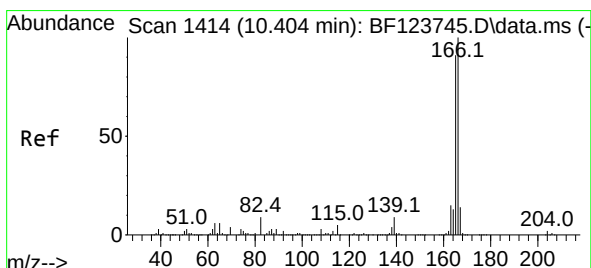
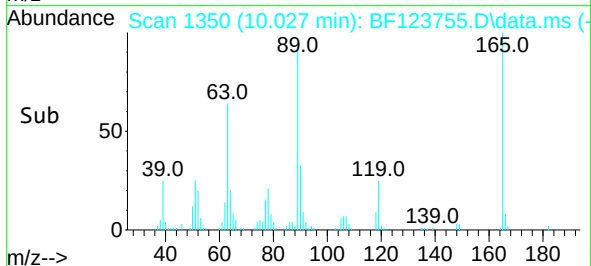
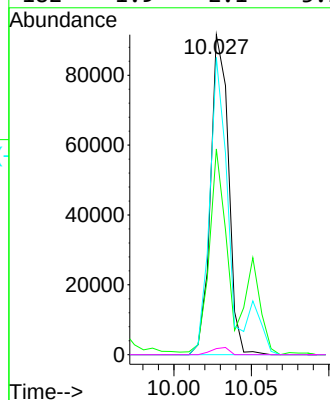
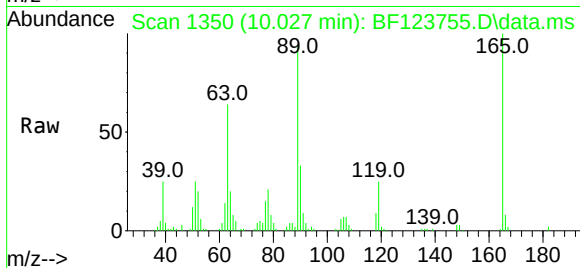




#57
2,4-Dinitrotoluene
Concen: 8.32 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

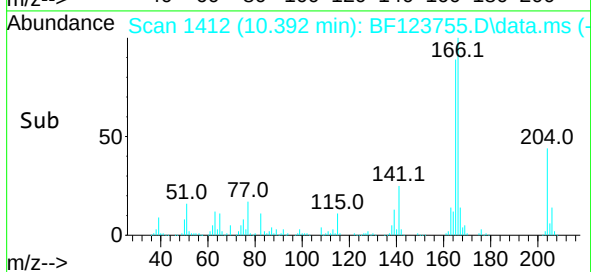
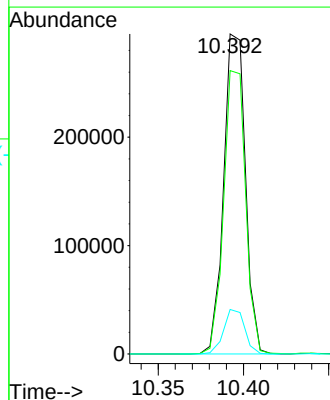
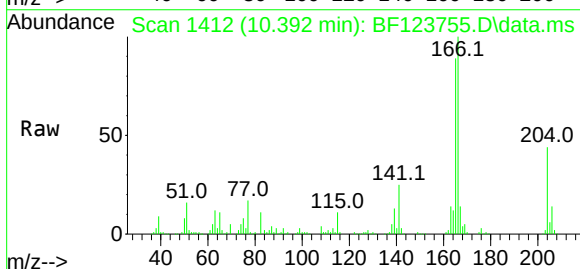
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

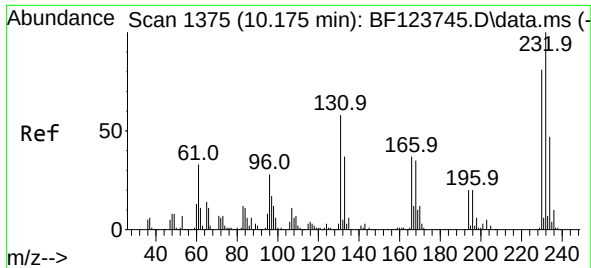
Tgt Ion:	165	Resp:	73899
Ion	Ratio	Lower	Upper
165	100		
63	64.3	43.5	65.3
89	92.9	67.7	101.5
182	1.9	2.1	3.1#



#58
Fluorene
Concen: 9.30 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:	166	Resp:	262571
Ion	Ratio	Lower	Upper
166	100		
165	88.5	73.5	110.3
167	13.9	10.7	16.1



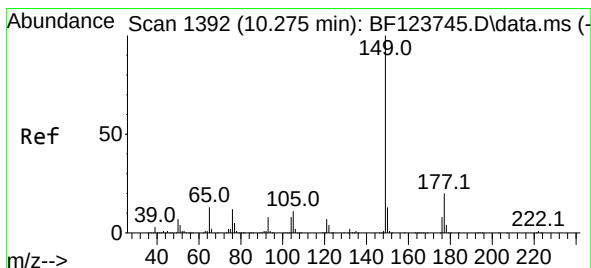
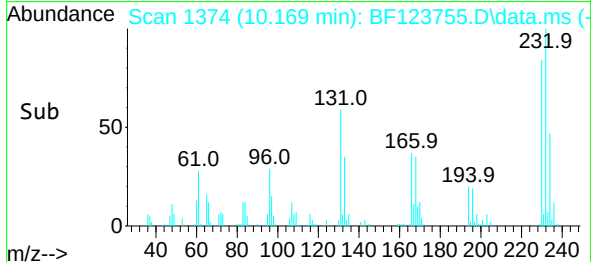
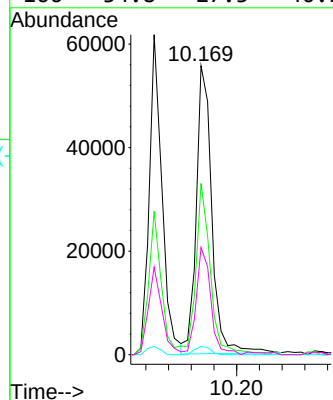
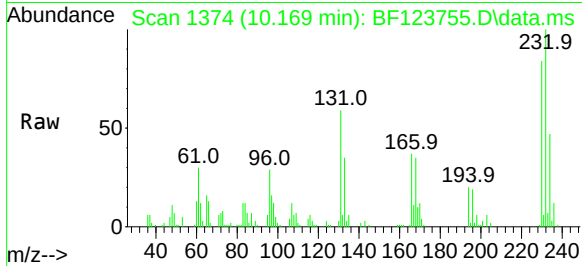


#59
2,3,4,6-Tetrachlorophenol
Concen: 7.67 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:232 Resp: 52847

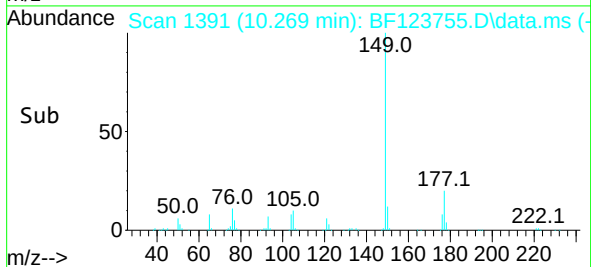
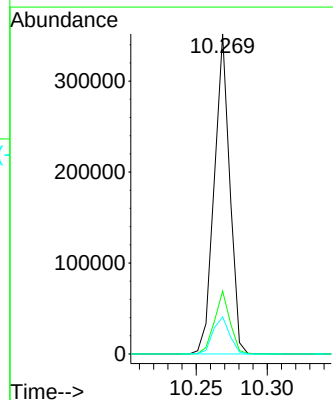
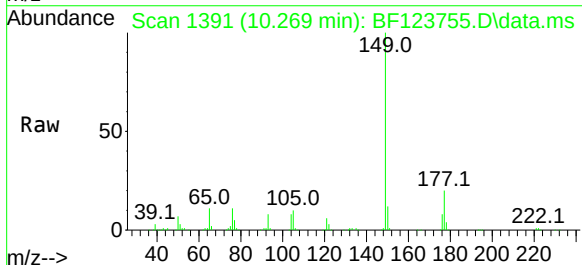
Ion	Ratio	Lower	Upper
232	100		
131	56.2	43.2	64.8
130	2.9	2.2	3.2
166	34.8	27.3	40.9

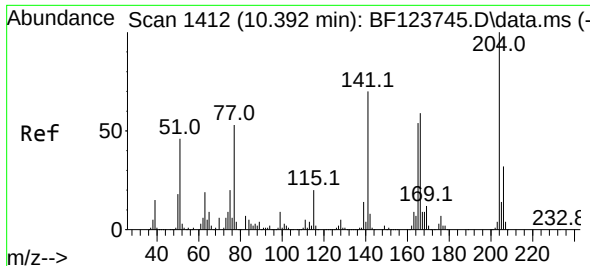


#60
Diethylphthalate
Concen: 8.92 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:149 Resp: 267524

Ion	Ratio	Lower	Upper
149	100		
177	19.7	15.4	23.2
150	11.6	9.9	14.9

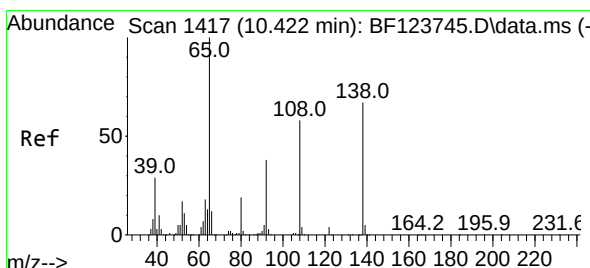
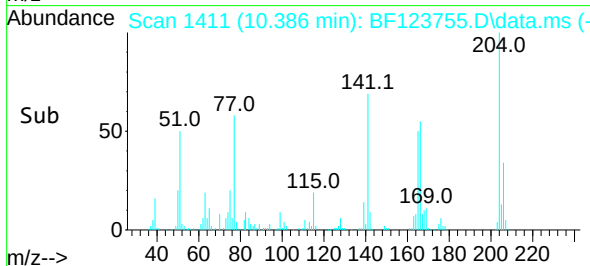
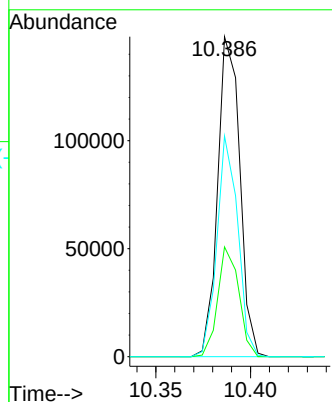
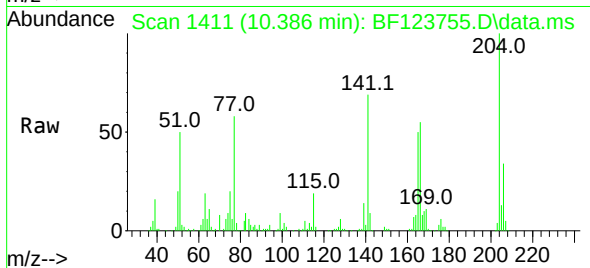




#61
4-Chlorophenyl-phenylether
Concen: 9.18 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

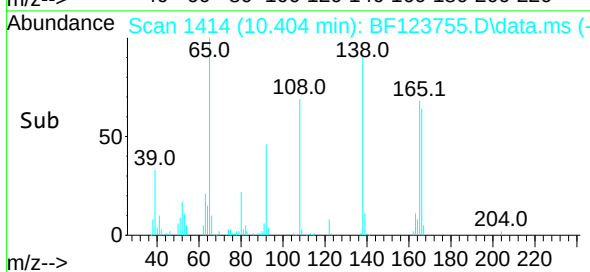
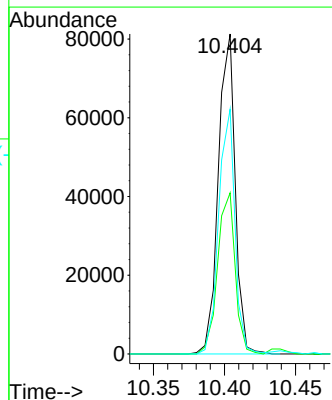
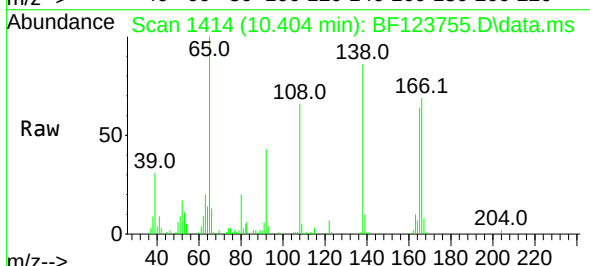
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

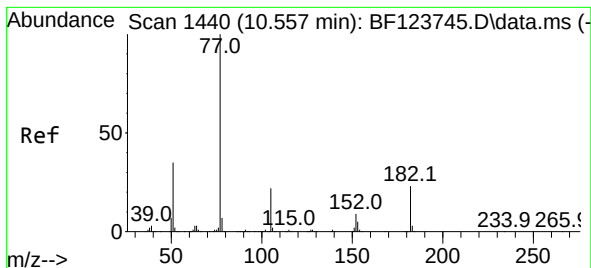
Tgt Ion:204 Resp: 120828
Ion Ratio Lower Upper
204 100
206 34.3 25.7 38.5
141 69.0 55.5 83.3



#62
4-Nitroaniline
Concen: 8.69 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.018 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:138 Resp: 67004
Ion Ratio Lower Upper
138 100
92 50.3 35.8 75.8
108 76.5 63.6 103.6





#63

Azobenzene

Concen: 8.59 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.006 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

Tgt Ion: 77 Resp: 296218

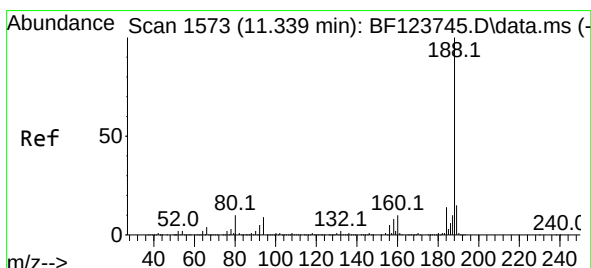
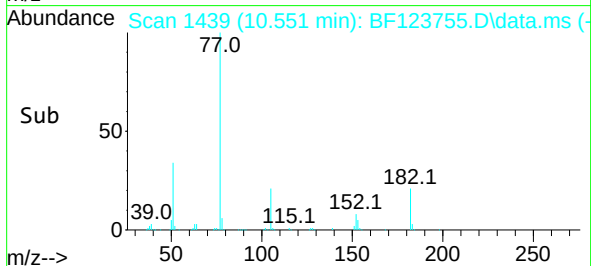
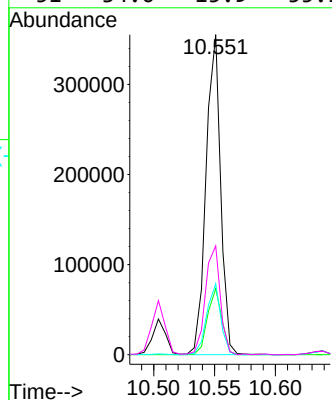
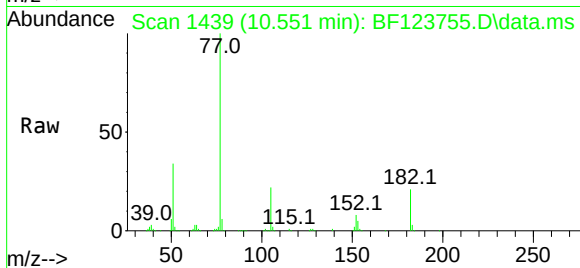
Ion Ratio Lower Upper

77 100

182 20.6 1.7 41.7

105 22.1 1.7 41.7

51 34.0 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: BF123755.D

Acq: 28 Apr 2021 11:17

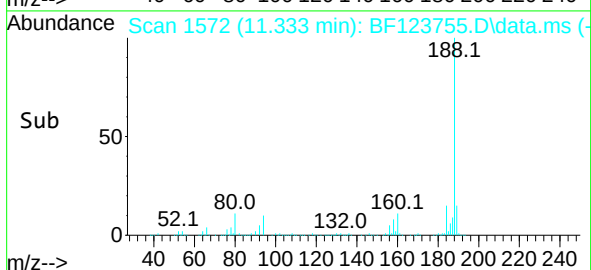
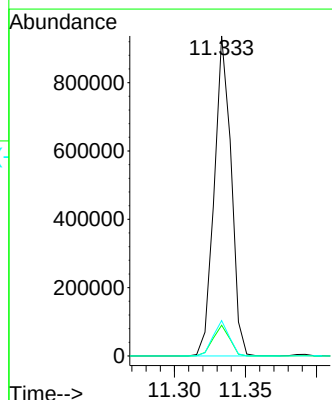
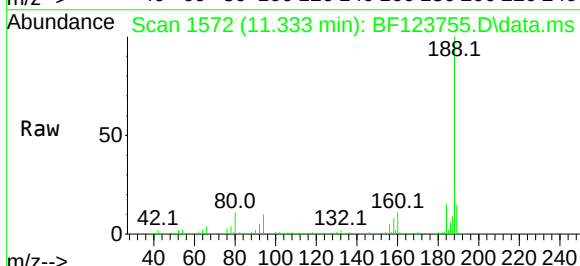
Tgt Ion: 188 Resp: 773295

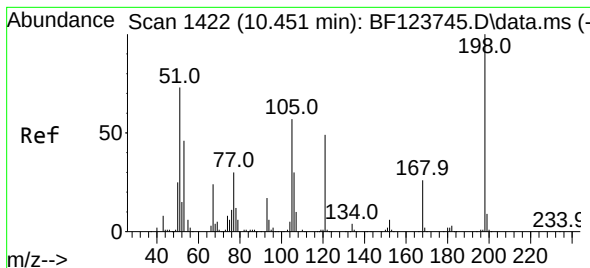
Ion Ratio Lower Upper

188 100

94 9.6 6.9 10.3

80 11.1 8.2 12.2

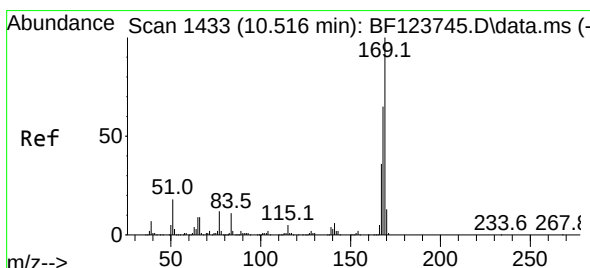
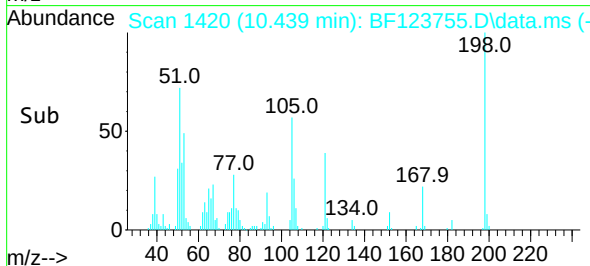
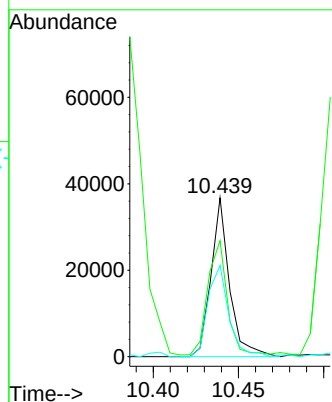
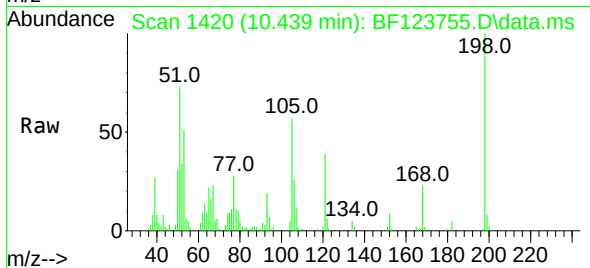




#65
4,6-Dinitro-2-methylphenol
Concen: 5.76 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

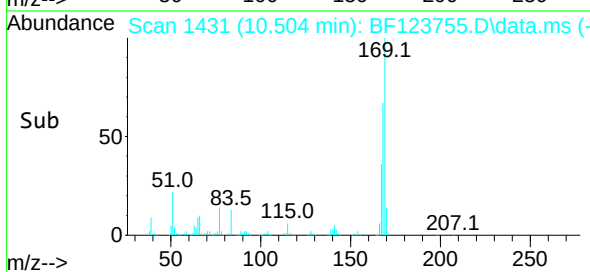
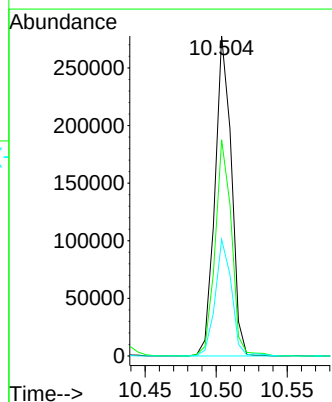
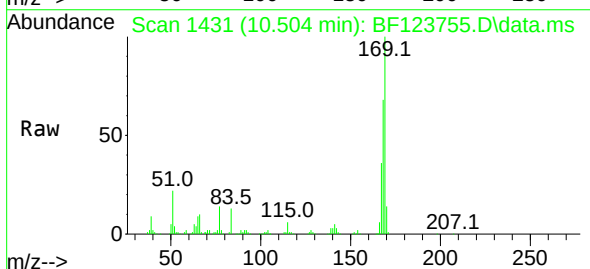
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

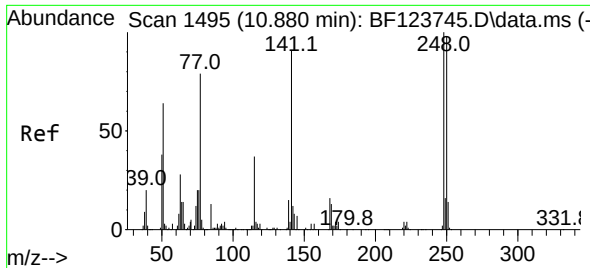
Tgt Ion:198 Resp: 27617
Ion Ratio Lower Upper
198 100
51 73.0 64.8 104.8
105 57.4 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 8.85 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:169 Resp: 223806
Ion Ratio Lower Upper
169 100
168 67.6 53.3 79.9
167 36.5 29.9 44.9

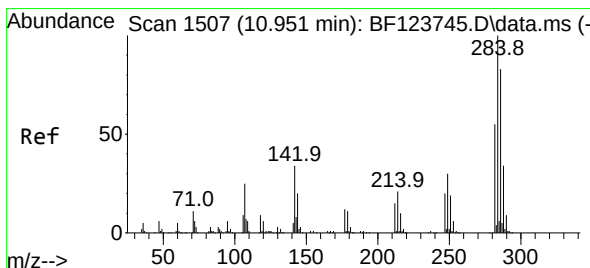
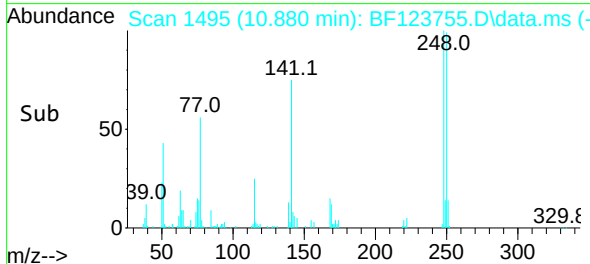
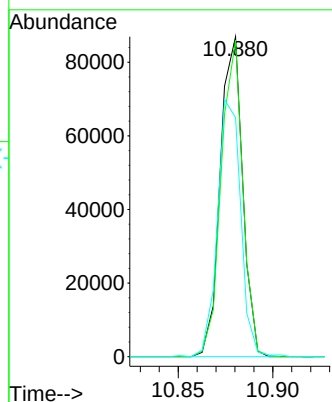
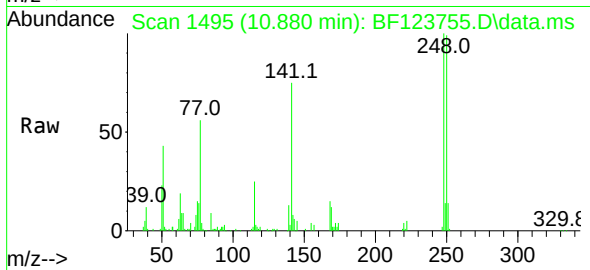




#67
4-Bromophenyl-phenylether
Concen: 8.76 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

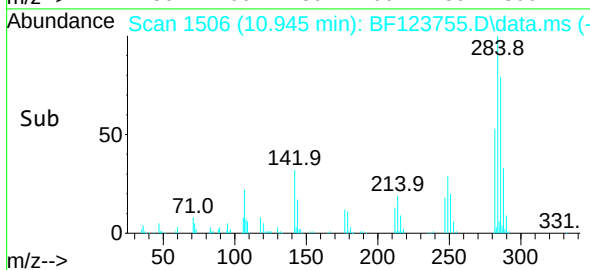
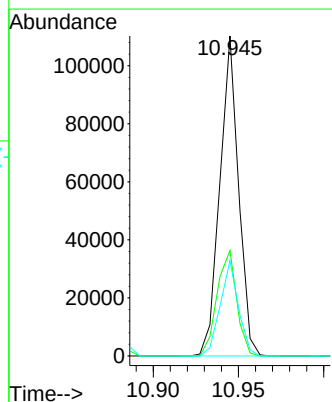
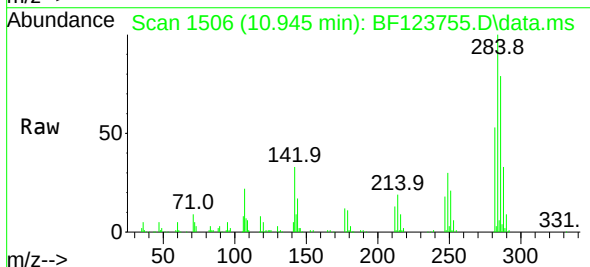
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

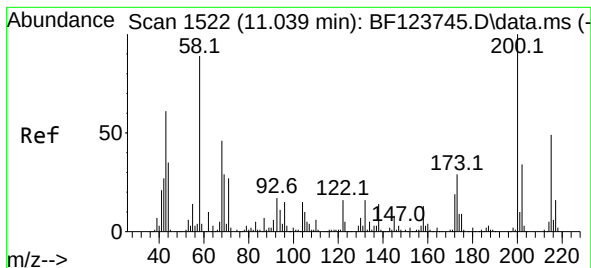
Tgt Ion:248 Resp: 71365
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 74.7 63.7 95.5



#68
Hexachlorobenzene
Concen: 9.08 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:284 Resp: 84149
Ion Ratio Lower Upper
284 100
142 33.0 28.3 42.5
249 29.8 23.5 35.3





#69

Atrazine

Concen: 9.22 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

Tgt Ion:200 Resp: 70521

Ion Ratio Lower Upper

200 100

173 28.7 6.9 46.9

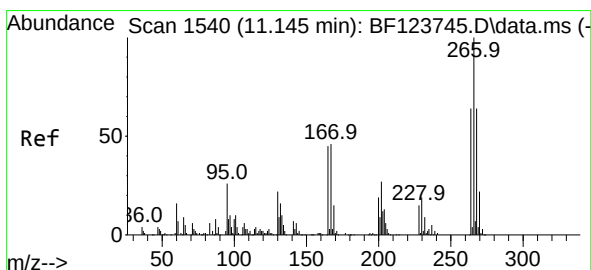
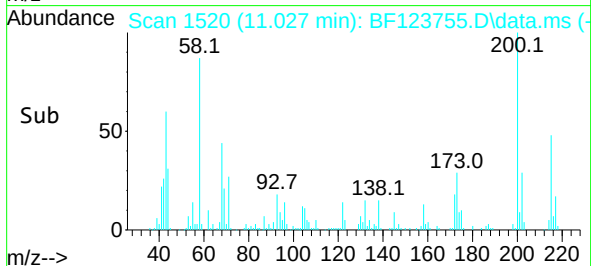
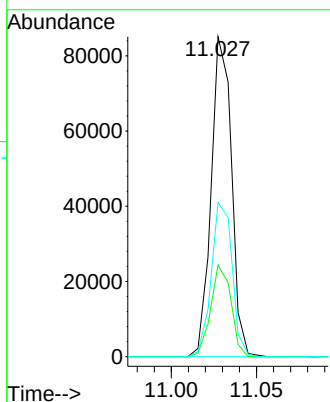
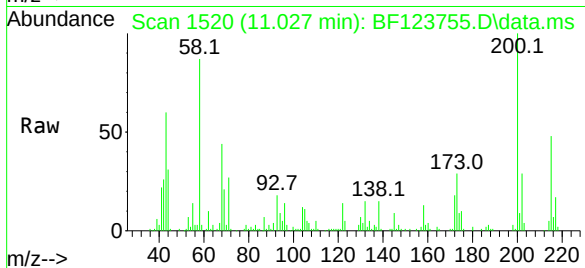
215 48.2 26.5 66.5

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021



#70

Pentachlorophenol

Concen: 6.17 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.006 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

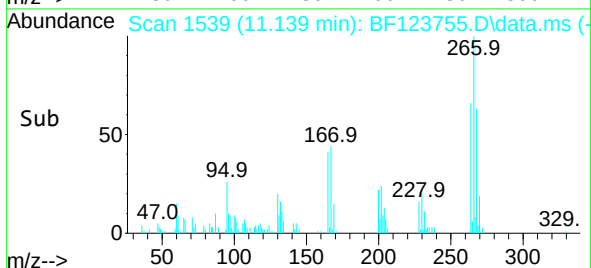
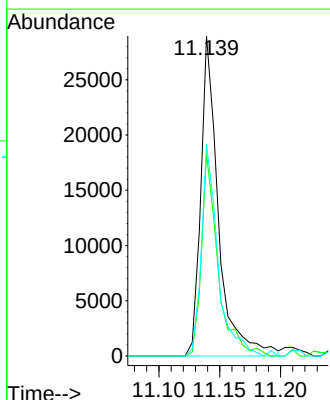
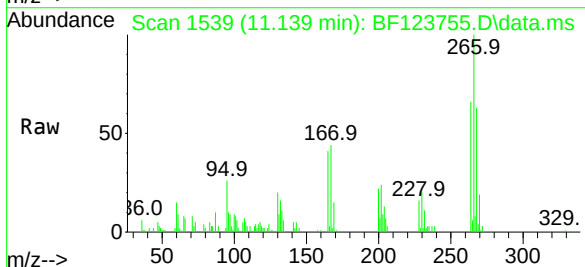
Tgt Ion:266 Resp: 29147

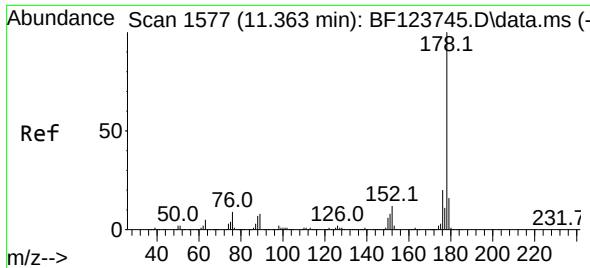
Ion Ratio Lower Upper

266 100

268 63.1 51.6 77.4

264 66.1 52.6 78.8

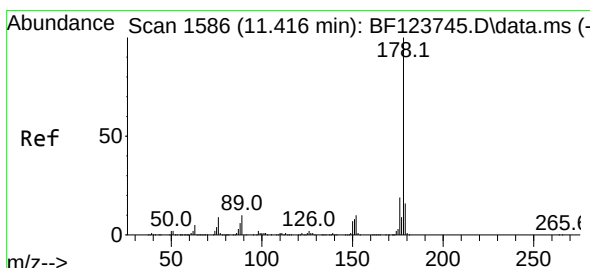
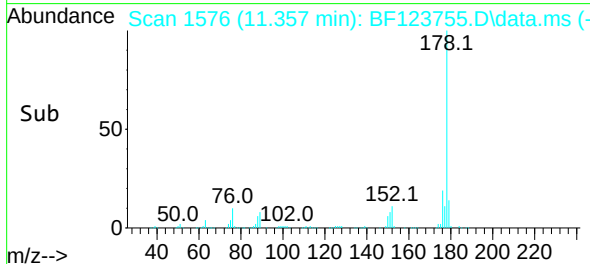
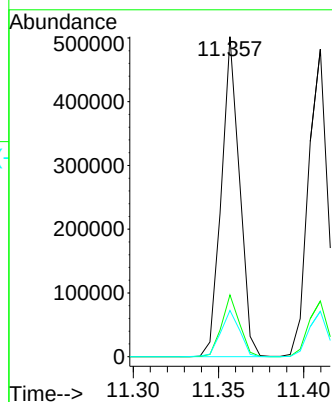
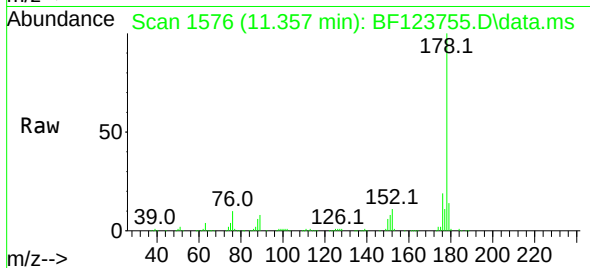




#71
Phenanthrene
Concen: 9.16 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

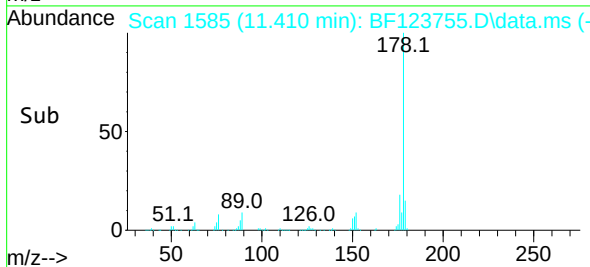
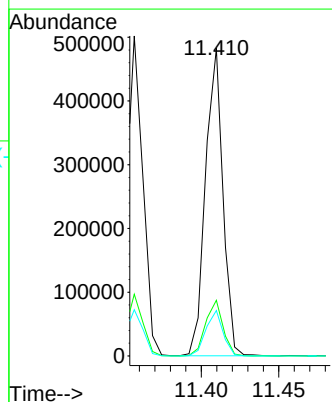
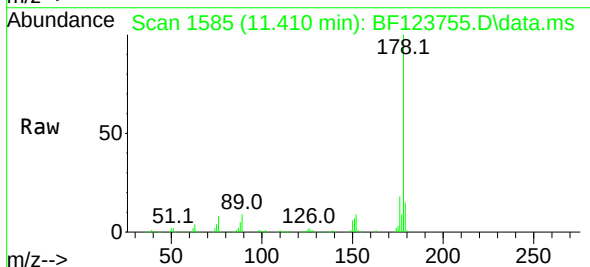
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

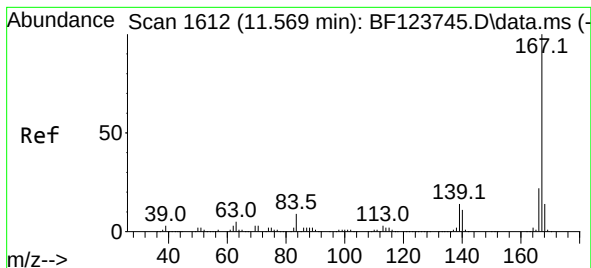
Tgt Ion:178 Resp: 371740
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 14.5 12.5 18.7



#72
Anthracene
Concen: 9.37 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:178 Resp: 378057
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.0
179 14.8 12.6 18.8

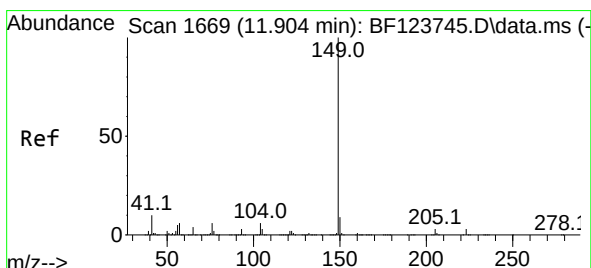
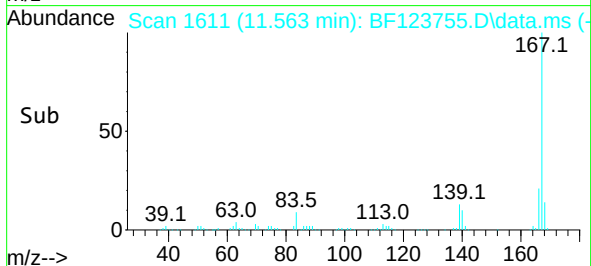
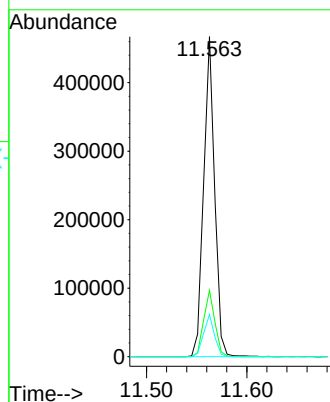
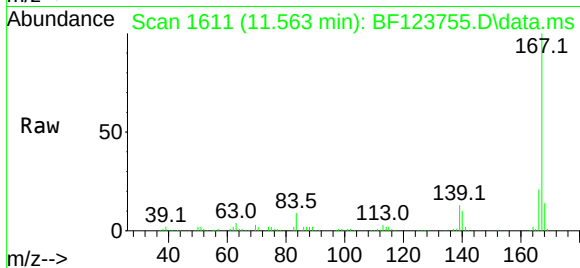




#73
Carbazole
Concen: 8.76 ng
RT: 11.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

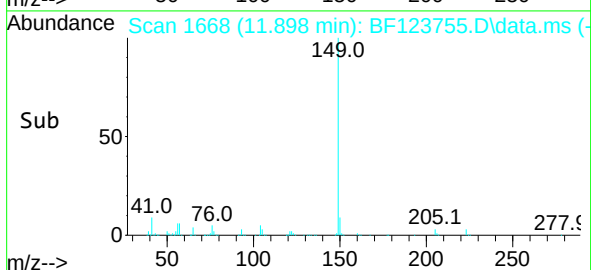
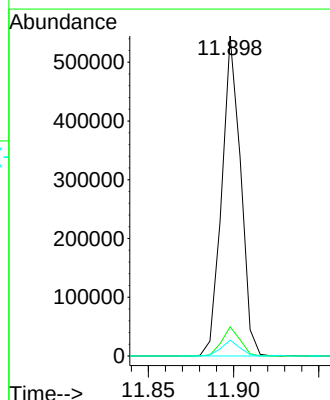
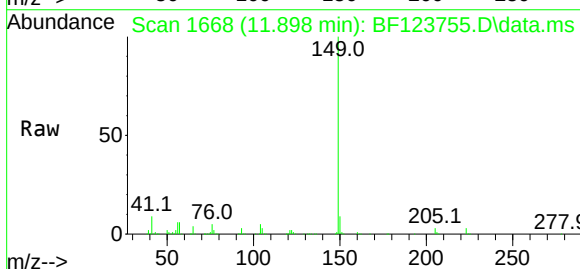
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

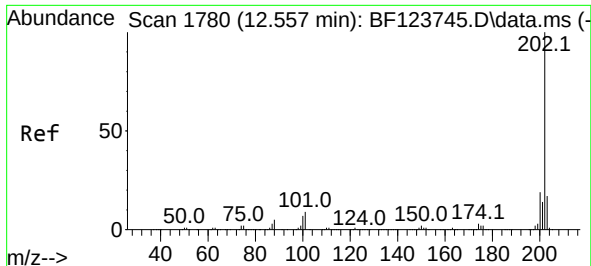
Tgt Ion:167 Resp: 357258
Ion Ratio Lower Upper
167 100
166 20.8 17.0 25.6
139 13.2 10.4 15.6



#74
Di-n-butylphthalate
Concen: 9.15 ng
RT: 11.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:149 Resp: 418880
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.8
104 5.0 4.6 6.8

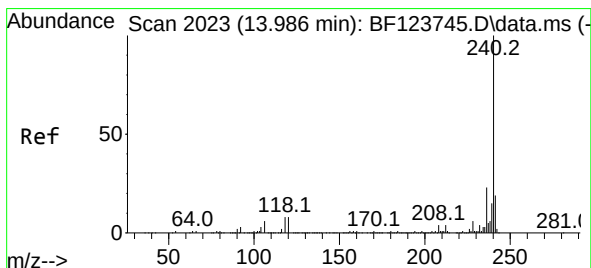
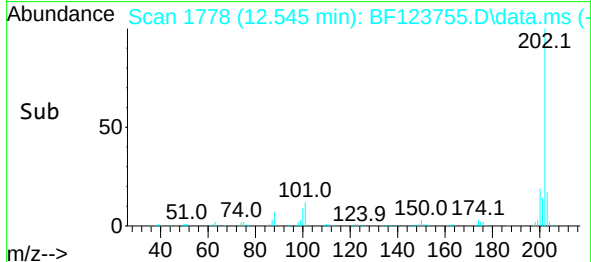
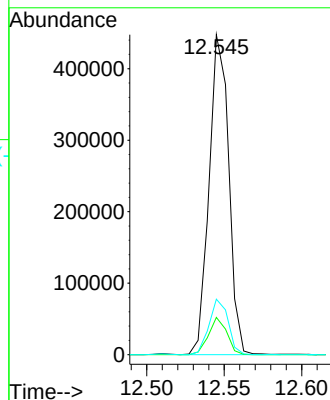
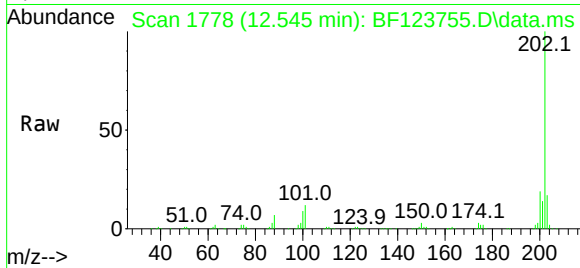




#75
Fluoranthene
Concen: 8.94 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

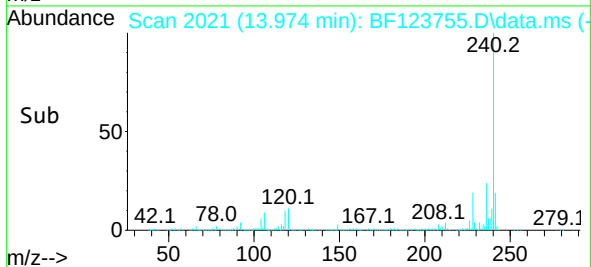
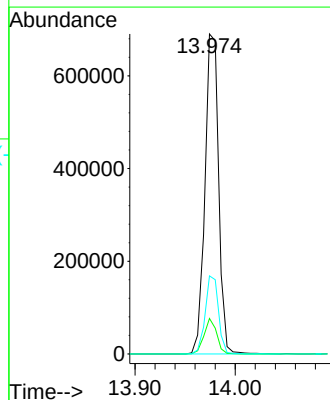
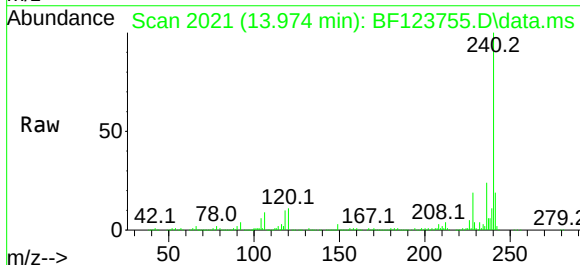
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

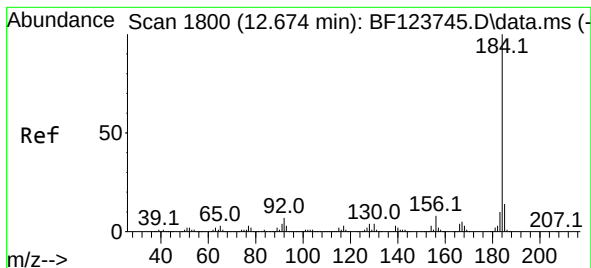
Tgt Ion:202 Resp: 395451
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.9
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:240 Resp: 659405
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 24.4 19.0 28.4





#77

Benzidine

Concen: 14.49 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

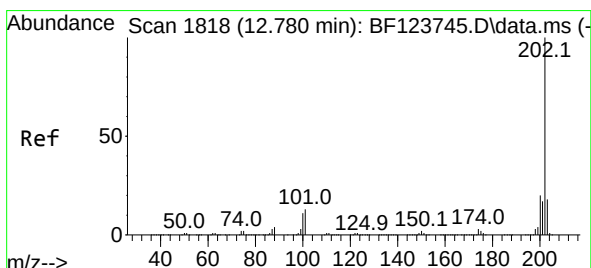
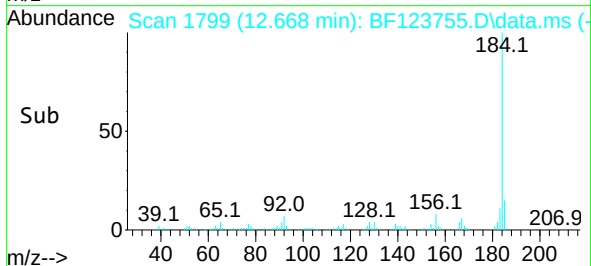
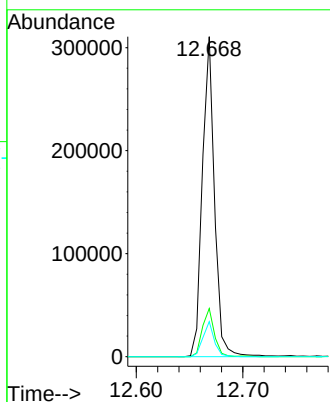
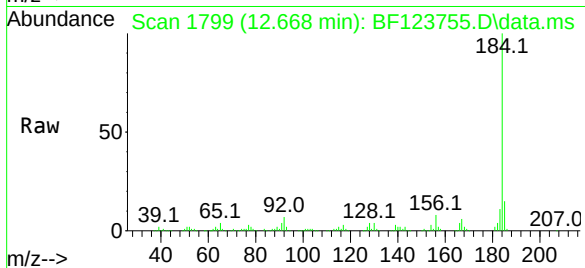
Tgt Ion:184 Resp: 247421

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

183 10.9 7.8 11.8



#78

Pyrene

Concen: 8.16 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

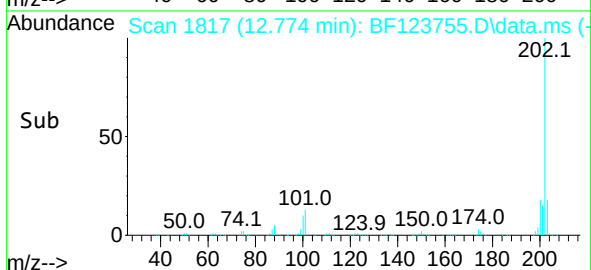
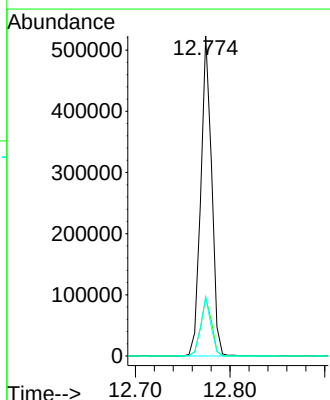
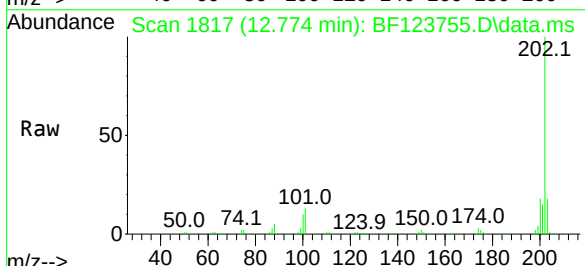
Tgt Ion:202 Resp: 417688

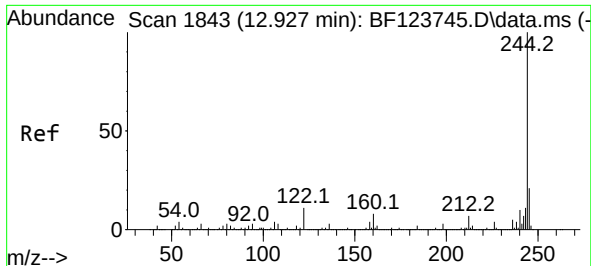
Ion Ratio Lower Upper

202 100

200 18.2 16.1 24.1

203 18.5 14.8 22.2



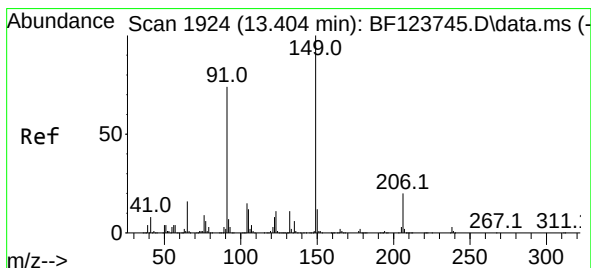
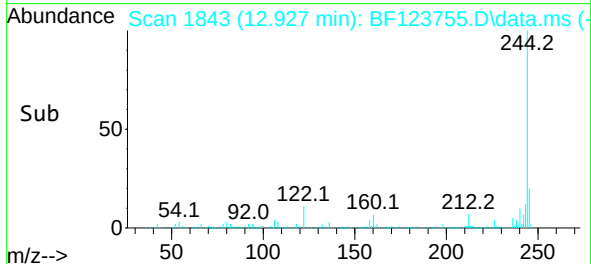
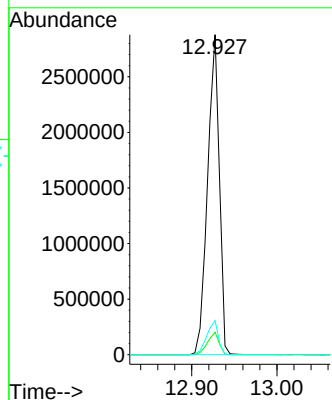
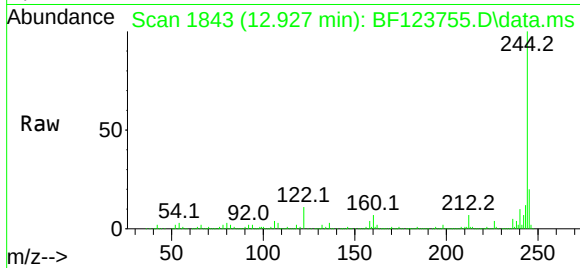


#79
 Terphenyl-d14
 Concen: 80.32 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123755.D
 Acq: 28 Apr 2021 11:17

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:244 Resp: 2750457

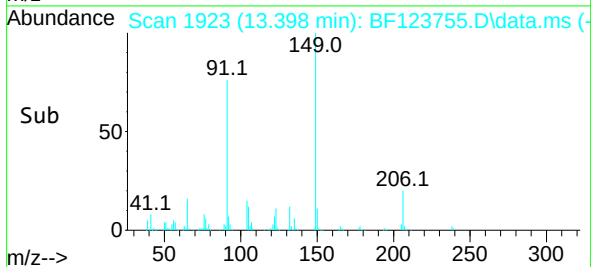
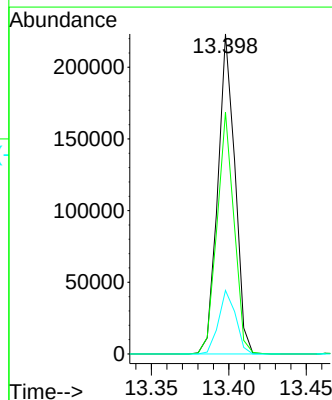
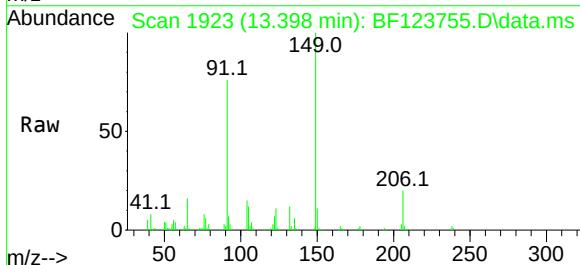
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.7	9.7	14.5

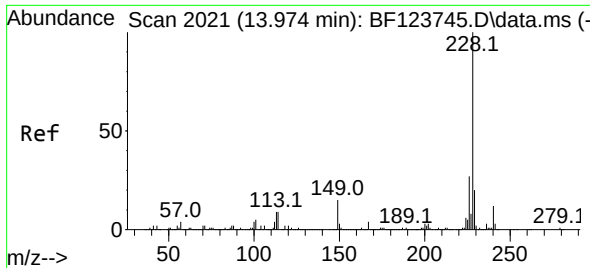


#80
 Butylbenzylphthalate
 Concen: 7.85 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF123755.D
 Acq: 28 Apr 2021 11:17

Tgt Ion:149 Resp: 171688

Ion	Ratio	Lower	Upper
149	100		
91	75.5	63.6	95.4
206	19.9	14.5	21.7

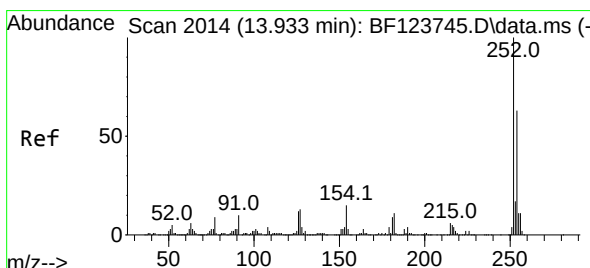
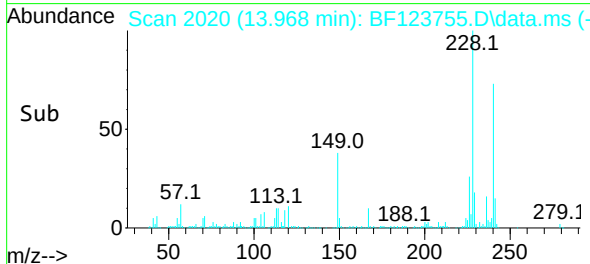
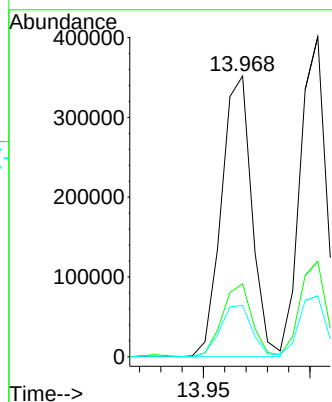
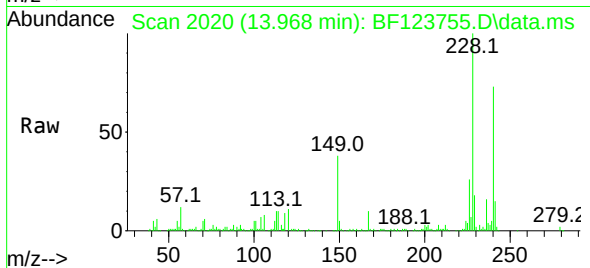




#81
Benzo(a)anthracene
Concen: 8.73 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

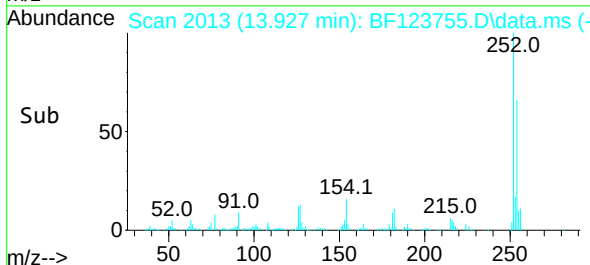
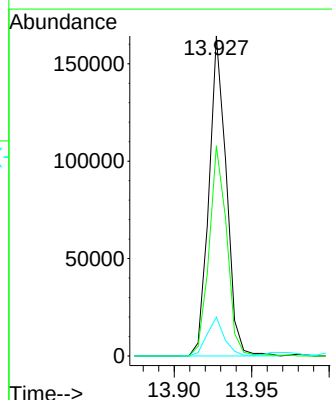
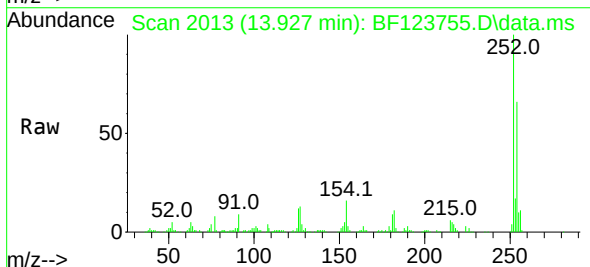
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

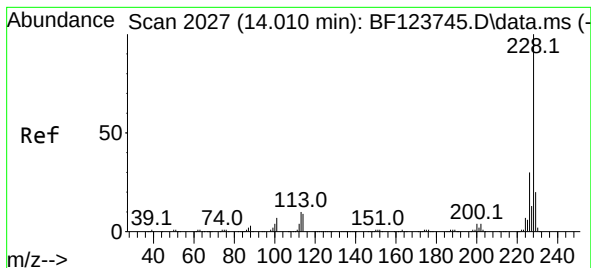
Tgt Ion:228 Resp: 348881
Ion Ratio Lower Upper
228 100
226 26.0 22.4 33.6
229 18.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 10.45 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:252 Resp: 128220
Ion Ratio Lower Upper
252 100
254 65.7 51.1 76.7
126 12.2 7.7 11.5#





#83

Chrysene

Concen: 8.49 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

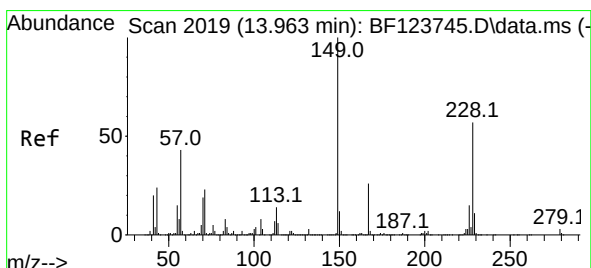
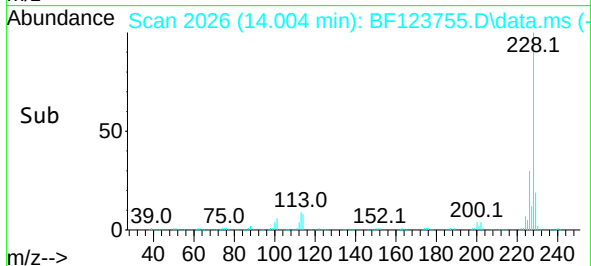
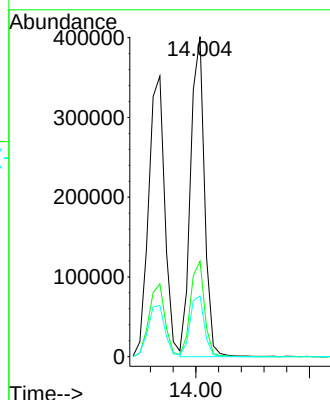
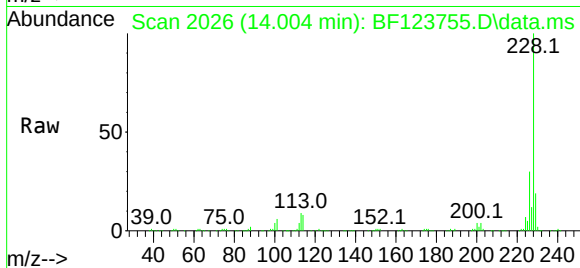
Tgt Ion:228 Resp: 341266

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.67 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

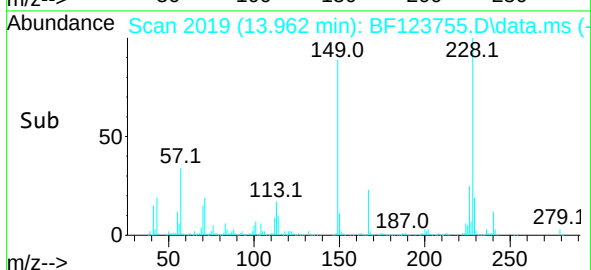
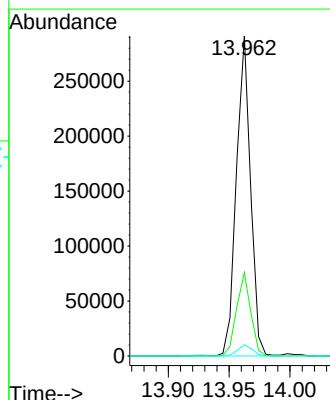
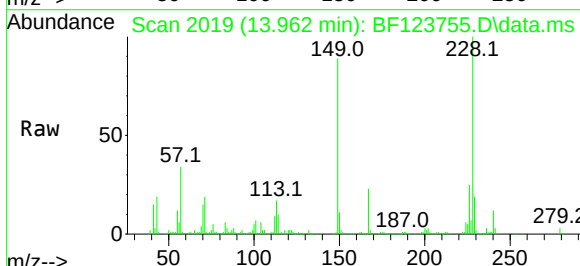
Tgt Ion:149 Resp: 235593

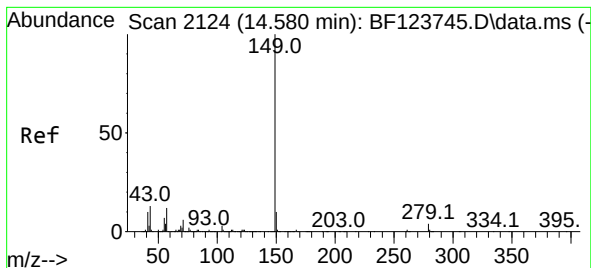
Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

279 3.6 3.3 4.9

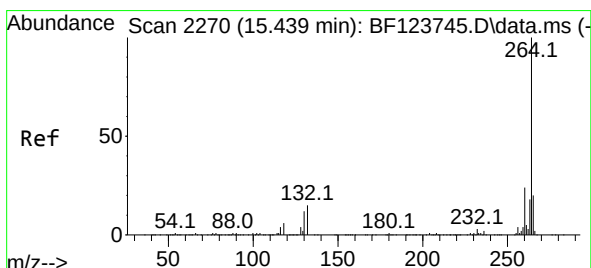
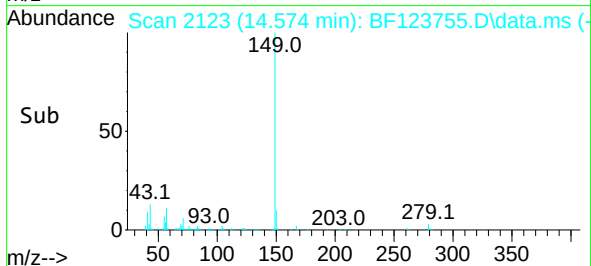
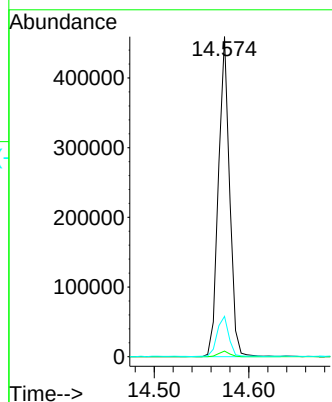
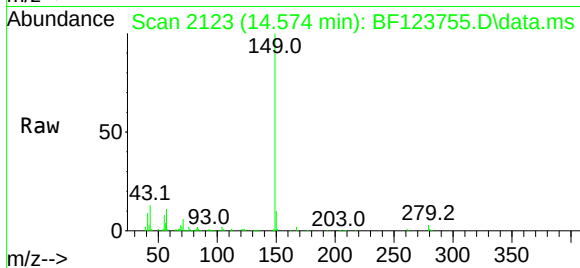




#85
Di-n-octyl phthalate
Concen: 8.63 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

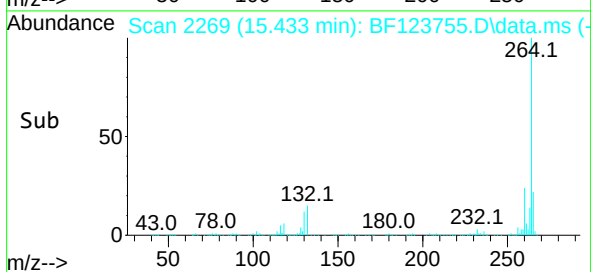
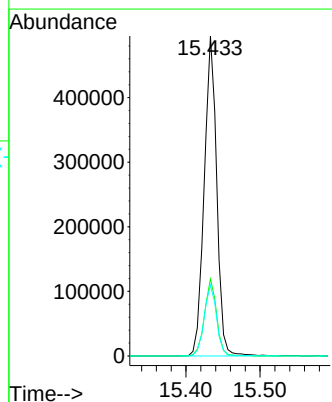
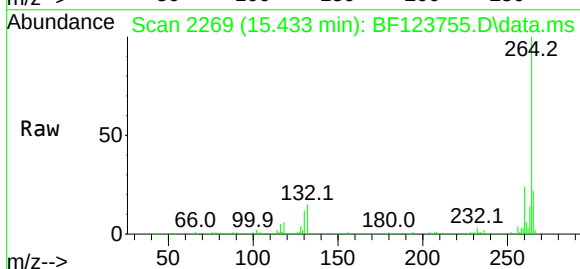
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

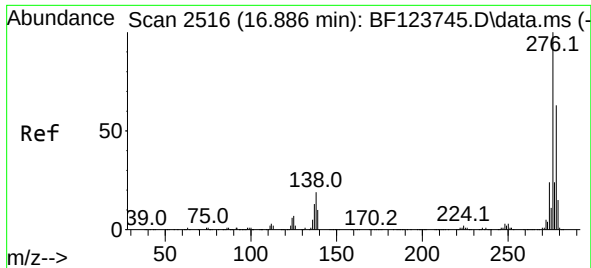
Tgt Ion:149 Resp: 374971
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 13.2 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:264 Resp: 583046
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.2 17.8 26.8

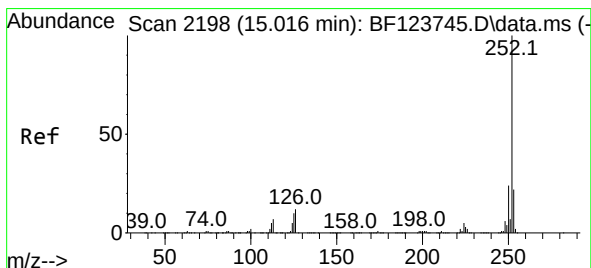
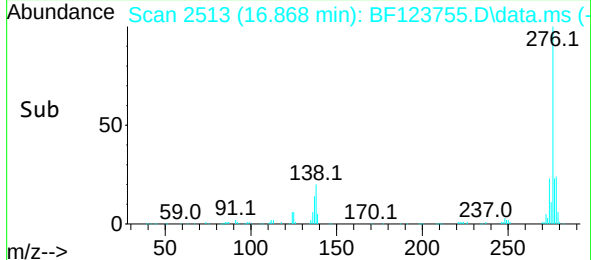
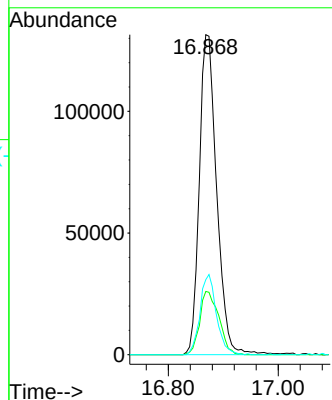
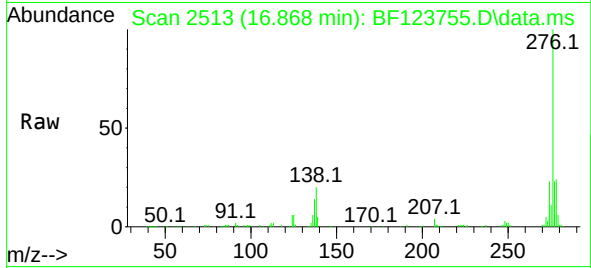




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.50 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

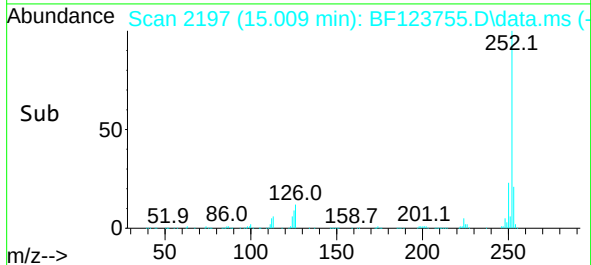
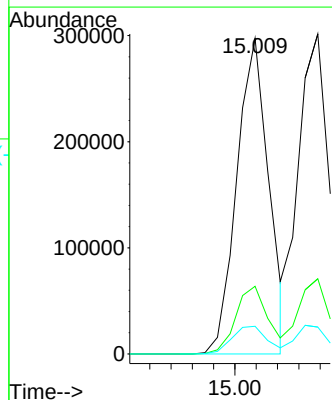
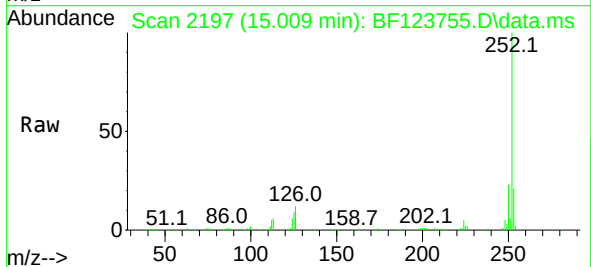
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

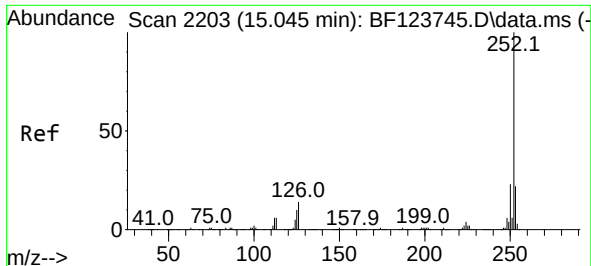
Tgt Ion:276 Resp: 288506
Ion Ratio Lower Upper
276 100
138 21.8 16.2 24.2
277 23.6 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 7.90 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:252 Resp: 310453
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 8.8 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 8.37 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

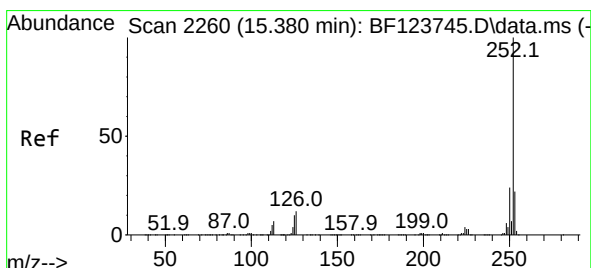
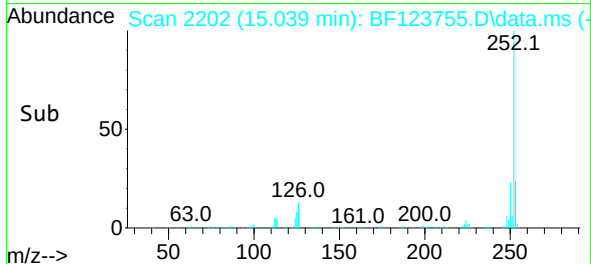
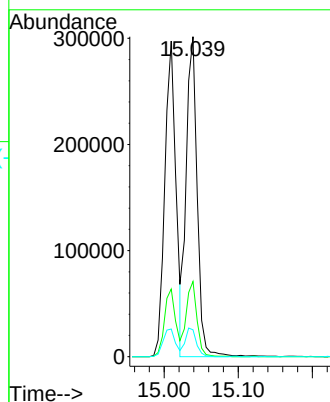
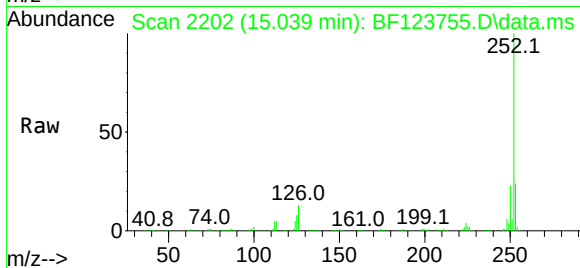
Tgt Ion:252 Resp: 313713

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 8.4 7.0 10.6



#90

Benzo(a)pyrene

Concen: 8.65 ng

RT: 15.368 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF123755.D

Acq: 28 Apr 2021 11:17

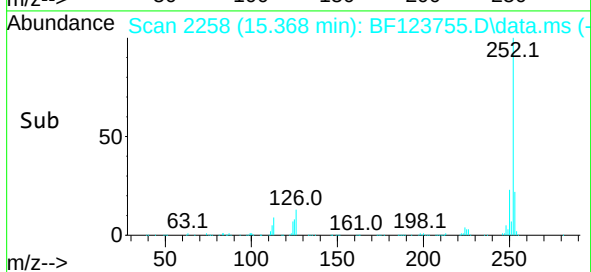
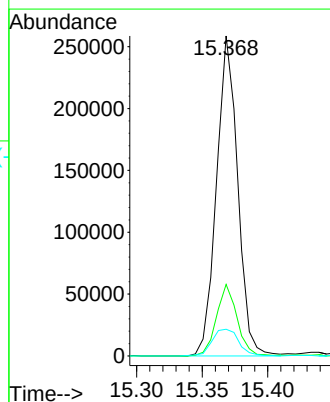
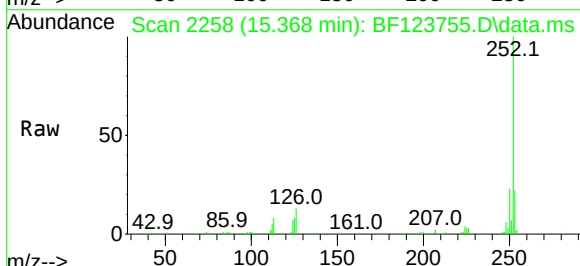
Tgt Ion:252 Resp: 290528

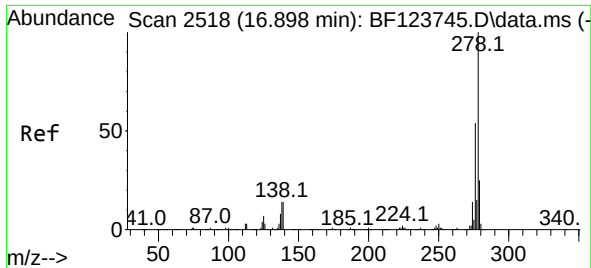
Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 8.4 8.0 12.0

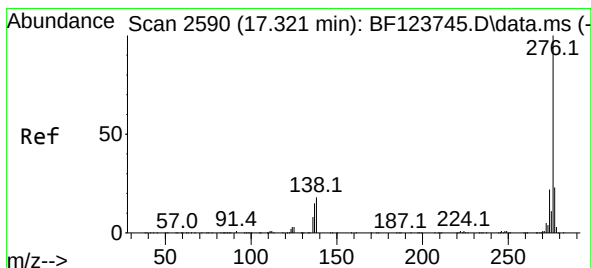
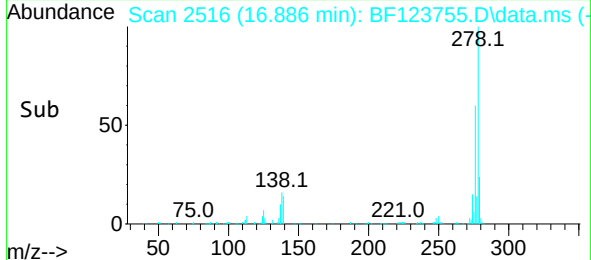
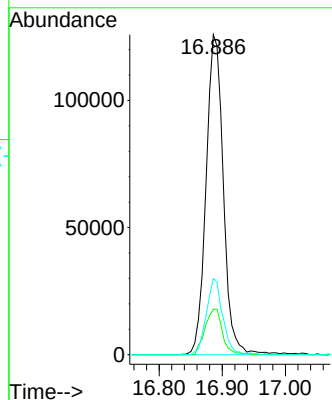
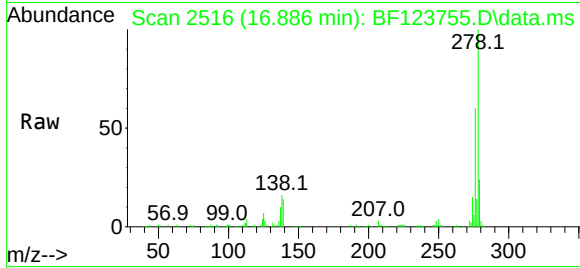




#91
Dibenzo(a,h)anthracene
Concen: 8.35 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:278 Resp: 239312
Ion Ratio Lower Upper
278 100
139 14.2 10.2 15.2
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 7.90 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BF123755.D
Acq: 28 Apr 2021 11:17

Tgt Ion:276 Resp: 226937
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.2
138 20.5 13.8 20.6

