

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
 Data File : BF123767.D
 Acq On : 30 Apr 2021 10:32
 Operator : JU/CG
 Sample : M1458-03
 Misc : MDL-MDL-SOIL-4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Quant Time: Apr 30 11:16:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 30 11:10:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	201039	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	716237	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	356023	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	676496	20.00	ng	0.00
76) Chrysene-d12	13.974	240	563253	20.00	ng	-0.01
86) Perylene-d12	15.433	264	470148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1561479	123.05	ng	0.00
7) Phenol-d6	6.445	99	2119218	121.23	ng	0.00
23) Nitrobenzene-d5	7.369	82	1207181	76.09	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	573286	129.35	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1830961	74.89	ng	0.00
79) Terphenyl-d14	12.927	244	2032360	69.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.505	88	30329	4.44	ng	Qvalue 95
3) Pyridine	3.316	79	59885	3.58	ng	# 86
4) n-Nitrosodimethylamine	3.181	42	42544	4.62	ng	# 97
6) Aniline	6.469	93	104838	5.19	ng	98
8) 2-Chlorophenol	6.592	128	63912	4.68	ng	97
9) Benzaldehyde	6.357	77	62368	7.37	ng	98
10) Phenol	6.457	94	91401	4.87	ng	95
11) bis(2-Chloroethyl)ether	6.540	93	68176	4.97	ng	97
12) 1,3-Dichlorobenzene	6.745	146	69034	5.01	ng	95
13) 1,4-Dichlorobenzene	6.828	146	68626	4.92	ng	95
14) 1,2-Dichlorobenzene	6.981	146	63414	4.68	ng	99
15) Benzyl Alcohol	6.945	79	78294	5.71	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	146706	5.03	ng	98
17) 2-Methylphenol	7.057	107	55214	4.75	ng	98
18) Hexachloroethane	7.322	117	26732	4.84	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	49389	4.58	ng	95
20) 3+4-Methylphenols	7.216	107	69825	4.72	ng	# 68
22) Acetophenone	7.210	105	108841	5.59	ng	# 98
24) Nitrobenzene	7.387	77	84171	5.09	ng	96
25) Isophorone	7.622	82	135036	4.54	ng	# 97
26) 2-Nitrophenol	7.704	139	29875	4.43	ng	98
27) 2,4-Dimethylphenol	7.745	122	54806	5.17	ng	94
28) bis(2-Chloroethoxy)met...	7.839	93	82300	5.43	ng	97
29) 2,4-Dichlorophenol	7.951	162	48613	4.66	ng	95
30) 1,2,4-Trichlorobenzene	8.034	180	56173	5.13	ng	96
31) Naphthalene	8.116	128	192363	5.22	ng	99
32) Benzoic acid	7.845	122	10718	1.61	ng	93
33) 4-Chloroaniline	8.163	127	80384	5.22	ng	94
34) Hexachlorobutadiene	8.234	225	34328	5.15	ng	94
35) Caprolactam	8.486	113	15428	4.21	ng	# 77
36) 4-Chloro-3-methylphenol	8.639	107	60916	4.68	ng	95
37) 2-Methylnaphthalene	8.804	142	125841	5.24	ng	98
38) 1-Methylnaphthalene	8.904	142	112250	4.97	ng	98
40) 1,2,4,5-Tetrachloroben...	8.969	216	54827	5.23	ng	98
41) Hexachlorocyclopentadiene	8.963	237	10353	2.49	ng	93
43) 2,4,6-Trichlorophenol	9.081	196	31584	4.38	ng	98

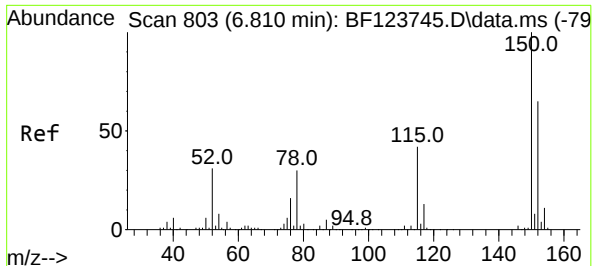
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	33361	4.31	ng	92
46) 1,1'-Biphenyl	9.269	154	155899	5.34	ng	98
47) 2-Chloronaphthalene	9.292	162	113820	5.18	ng	97
48) 2-Nitroaniline	9.386	65	42554	4.39	ng	98
49) Acenaphthylene	9.704	152	179936	5.07	ng	98
50) Dimethylphthalate	9.563	163	122461	4.88	ng	97
51) 2,6-Dinitrotoluene	9.628	165	25544	4.41	ng	89
52) Acenaphthene	9.881	154	108058	5.00	ng	96
53) 3-Nitroaniline	9.792	138	31115	4.49	ng	98
54) 2,4-Dinitrophenol	9.904	184	3816	1.24	ng	# 81
55) Dibenzofuran	10.051	168	167579	5.12	ng	94
56) 4-Nitrophenol	9.963	139	16098	3.19	ng	96
57) 2,4-Dinitrotoluene	10.028	165	34779	4.40	ng	90
58) Fluorene	10.392	166	128217	5.10	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	26364	4.30	ng	# 90
60) Diethylphthalate	10.269	149	133045	4.98	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	59771	5.10	ng	99
62) 4-Nitroaniline	10.398	138	29196	4.26	ng	95
63) Azobenzene	10.551	77	147607	4.81	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	10883	2.60	ng	86
66) n-Nitrosodiphenylamine	10.504	169	109816	4.96	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	36885	5.18	ng	90
68) Hexachlorobenzene	10.945	284	41757	5.15	ng	# 91
69) Atrazine	11.028	200	32608	4.87	ng	96
70) Pentachlorophenol	11.139	266	10520	2.55	ng	87
71) Phenanthrene	11.357	178	182972	5.16	ng	98
72) Anthracene	11.410	178	184252	5.22	ng	96
73) Carbazole	11.563	167	175265	4.92	ng	97
74) Di-n-butylphthalate	11.898	149	193394	4.83	ng	98
75) Fluoranthene	12.545	202	190928	4.93	ng	99
77) Benzidine	12.669	184	95370	6.54	ng	98
78) Pyrene	12.774	202	202502	4.63	ng	96
80) Butylbenzylphthalate	13.398	149	72709	3.89	ng	96
81) Benzo(a)anthracene	13.963	228	163328	4.79	ng	97
82) 3,3'-Dichlorobenzidine	13.927	252	56045	5.35	ng	96
83) Chrysene	14.004	228	167589	4.88	ng	95
84) Bis(2-ethylhexyl)phtha...	13.963	149	101382	4.37	ng	# 95
85) Di-n-octyl phthalate	14.574	149	150338	4.05	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	122491	4.47	ng	97
88) Benzo(b)fluoranthene	15.010	252	141383	4.46	ng	99
89) Benzo(k)fluoranthene	15.039	252	140760	4.66	ng	96
90) Benzo(a)pyrene	15.368	252	128738	4.75	ng	94
91) Dibenzo(a,h)anthracene	16.886	278	102890	4.45	ng	96
92) Benzo(g,h,i)perylene	17.309	276	100575	4.34	ng	98

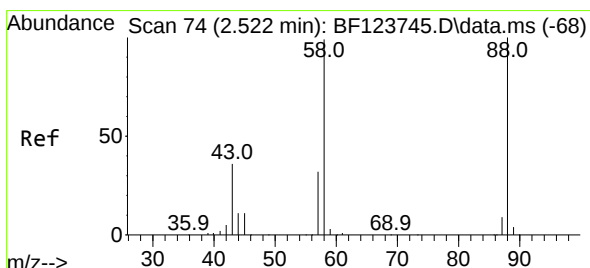
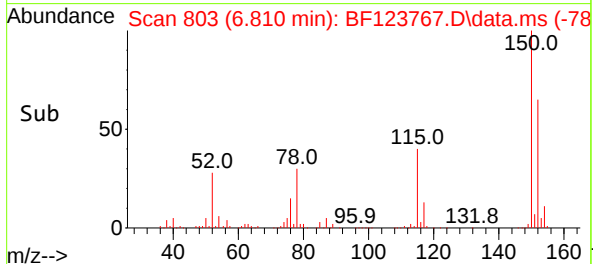
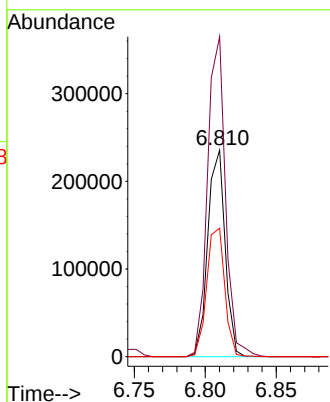
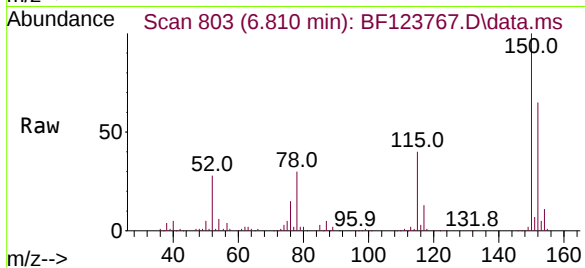
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

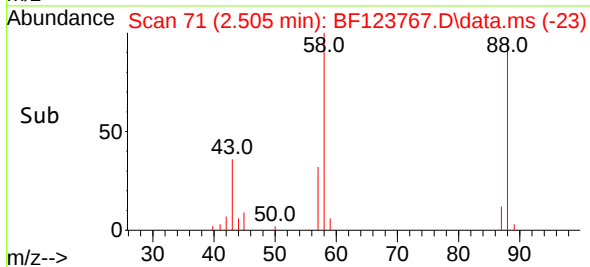
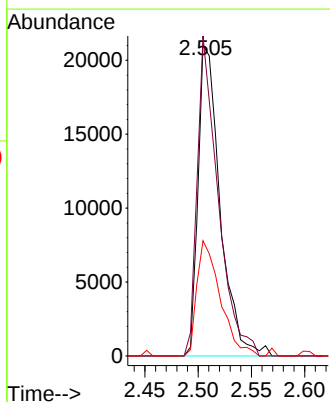
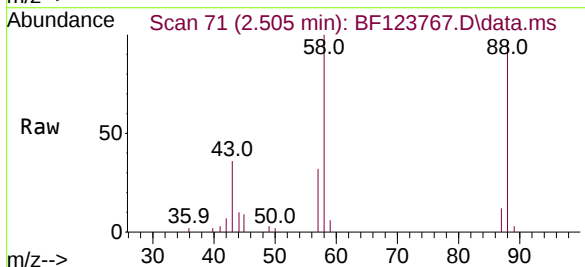
Instrument :
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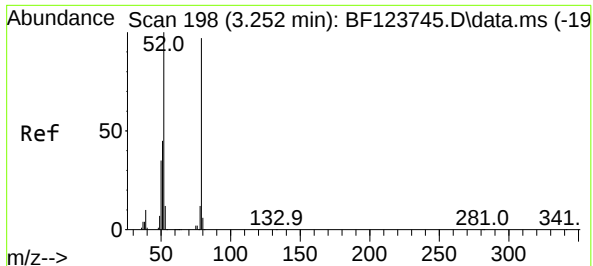
Tgt Ion:152 Resp: 201039
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 62.2 54.3 81.5



#2
1,4-Dioxane
Concen: 4.44 ng
RT: 2.505 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion: 88 Resp: 30329
Ion Ratio Lower Upper
88 100
58 97.6 83.8 125.8
43 39.3 32.2 48.4

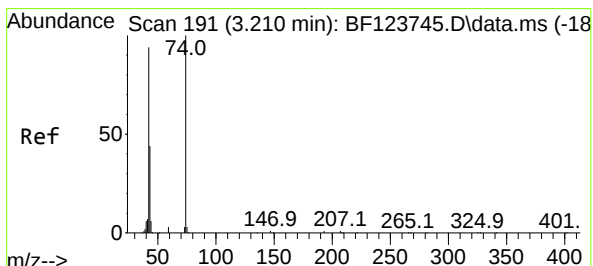
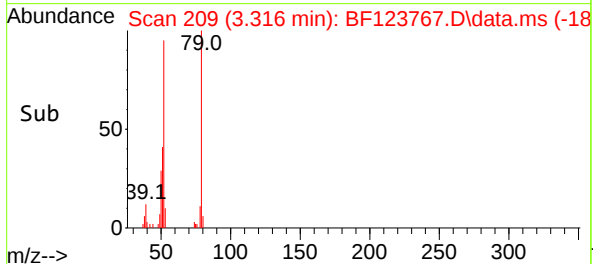
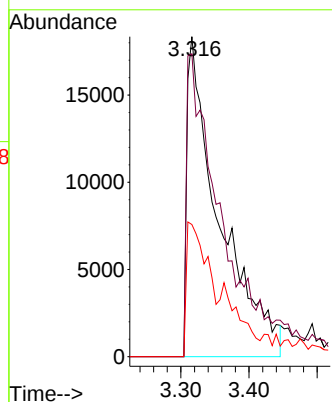
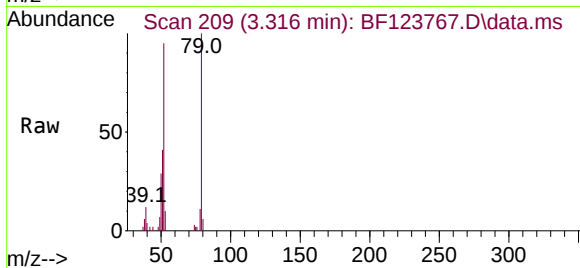




#3
Pyridine
Concen: 3.58 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

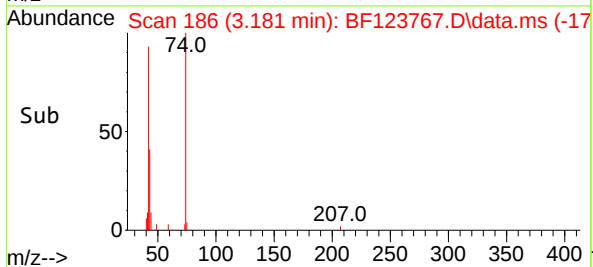
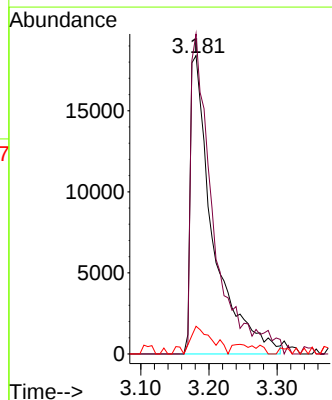
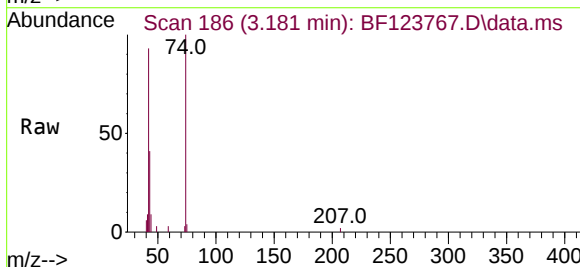
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ClientSampleId :
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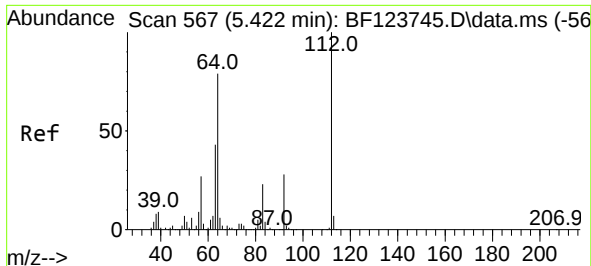
Tgt Ion: 79 Resp: 59885
Ion Ratio Lower Upper
79 100
52 94.6 87.4 131.0
51 41.3 41.4 62.0#



#4
n-Nitrosodimethylamine
Concen: 4.62 ng
RT: 3.181 min Scan# 186
Delta R.T. -0.029 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion: 42 Resp: 42544
Ion Ratio Lower Upper
42 100
74 107.2 83.5 125.3
44 9.3 5.7 8.5#

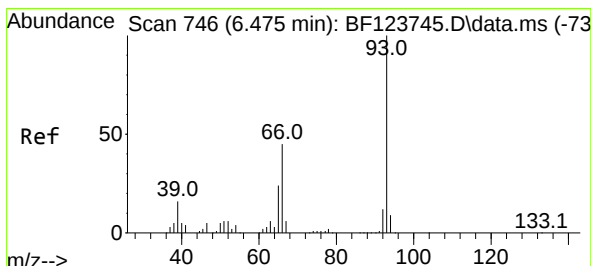
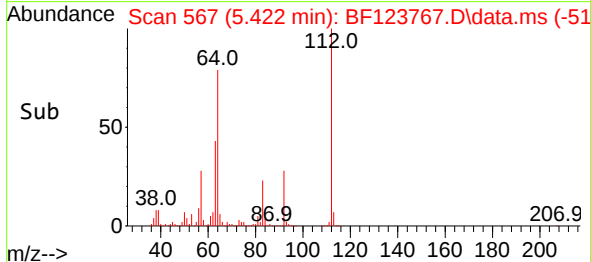
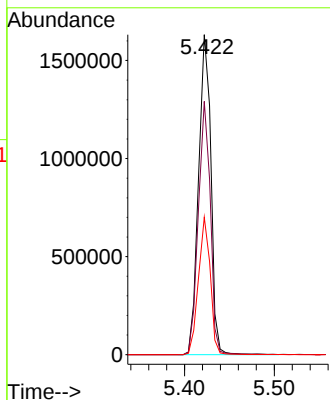
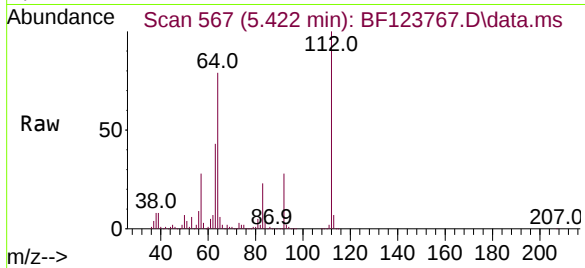




#5
2-Fluorophenol
Concen: 123.05 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

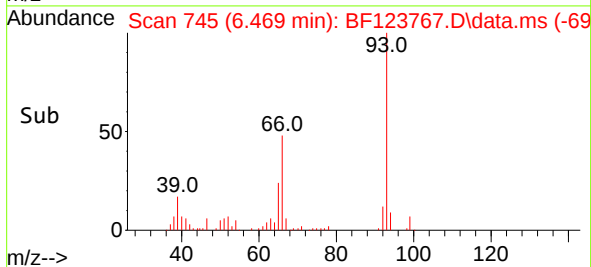
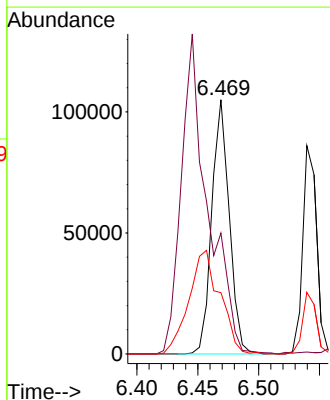
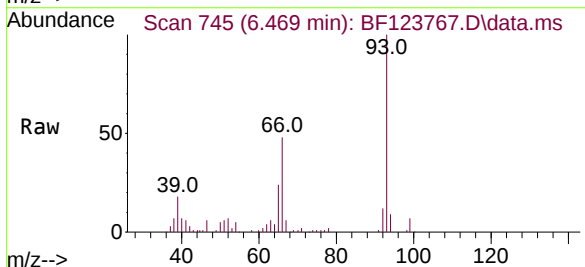
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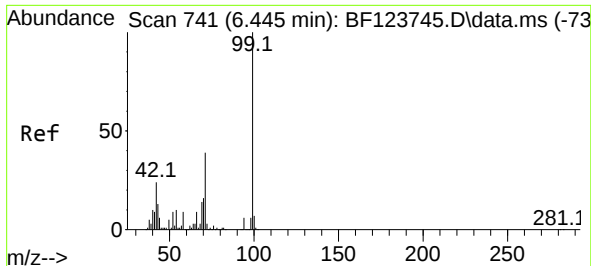
Tgt Ion:112 Resp: 1561479
Ion Ratio Lower Upper
112 100
64 79.1 61.4 92.0
63 42.9 33.0 49.4



#6
Aniline
Concen: 5.19 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion: 93 Resp: 104838
Ion Ratio Lower Upper
93 100
66 47.6 36.4 54.6
65 24.1 19.4 29.0

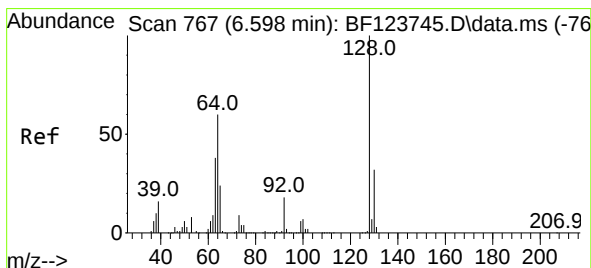
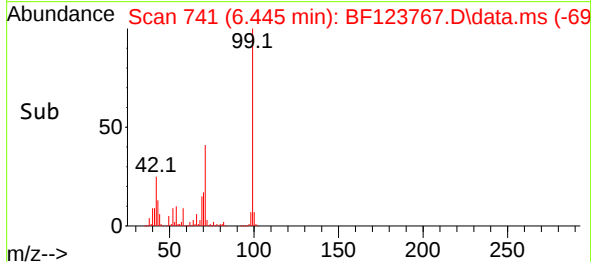
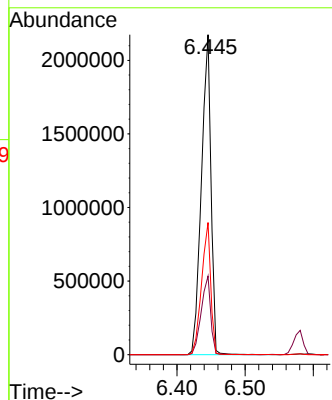
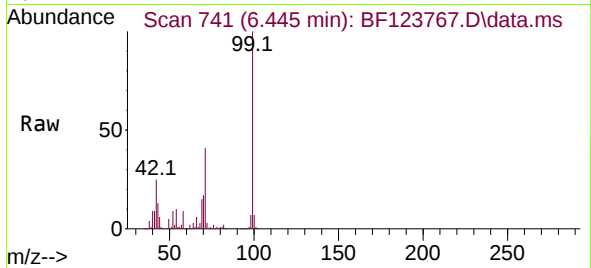




#7
Phenol-d6
Concen: 121.23 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

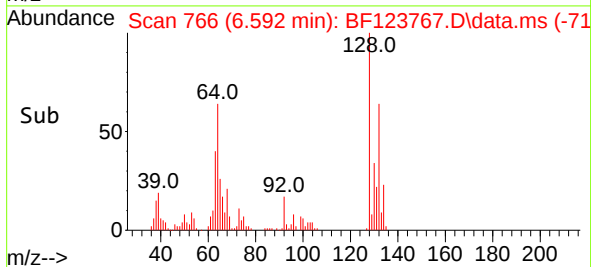
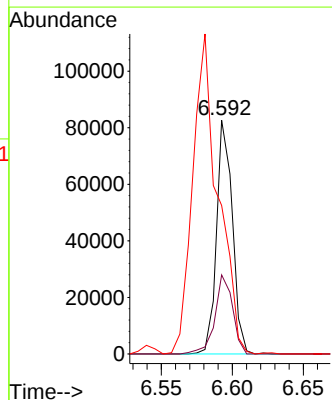
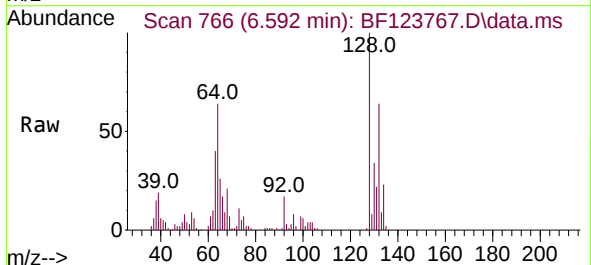
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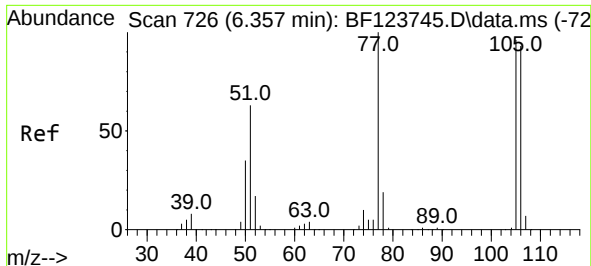
Tgt Ion: 99 Resp: 2119218
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 41.3 31.1 46.7



#8
2-Chlorophenol
Concen: 4.68 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:128 Resp: 63912
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 63.6 41.5 81.5

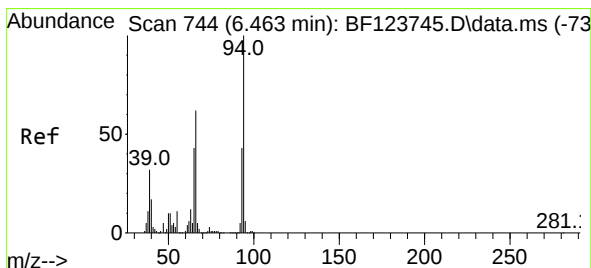
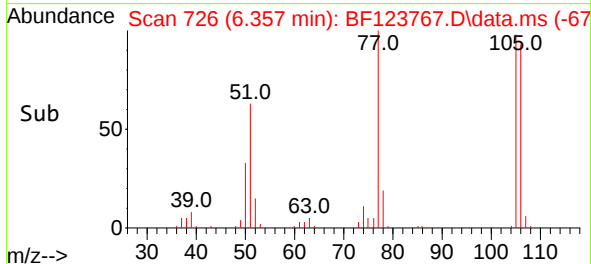
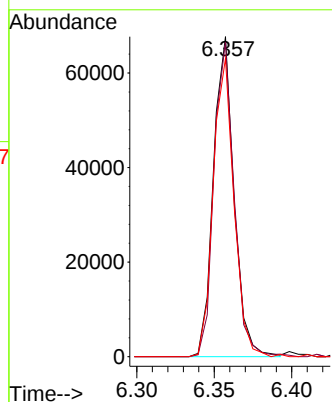
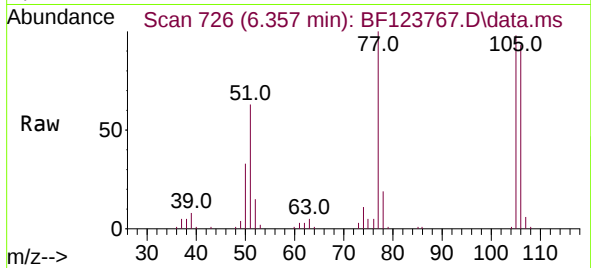




#9
Benzaldehyde
Concen: 7.37 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

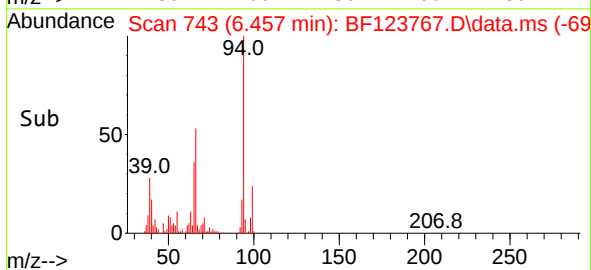
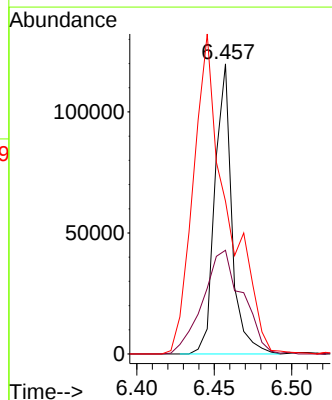
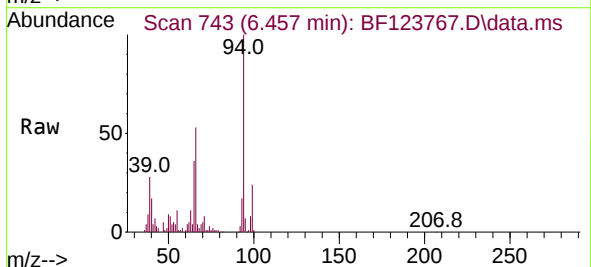
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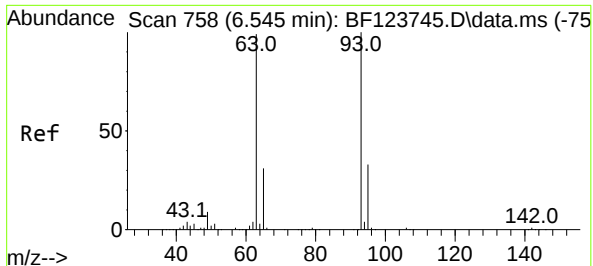
Tgt Ion:	77	Resp:	62368
Ion	Ratio	Lower	Upper
77	100		
105	98.3	75.2	115.2
106	93.2	71.6	111.6



#10
Phenol
Concen: 4.87 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:	94	Resp:	91401
Ion	Ratio	Lower	Upper
94	100		
65	35.7	18.1	58.1
66	52.7	29.0	69.0

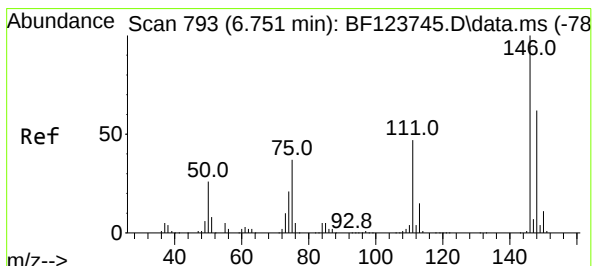
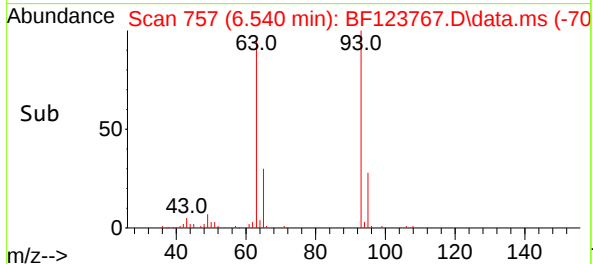
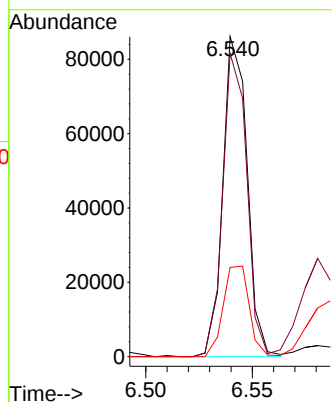
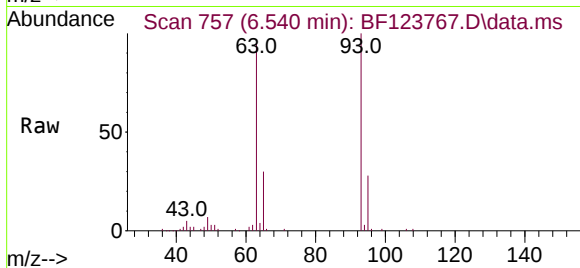




#11
bis(2-Chloroethyl)ether
Concen: 4.97 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

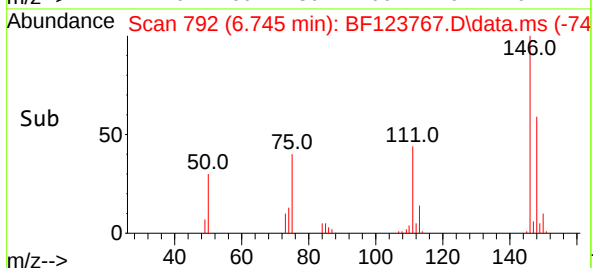
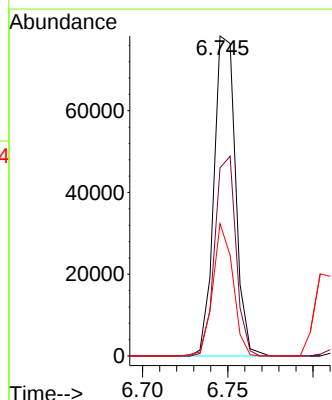
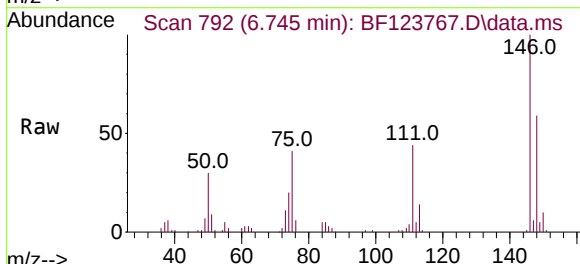
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

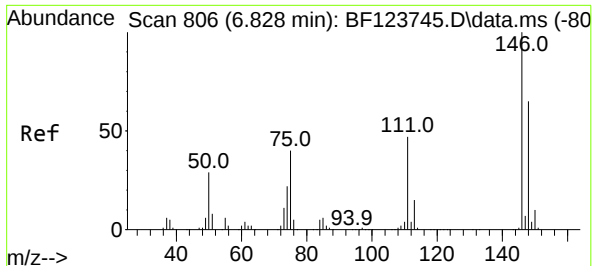
Tgt Ion: 93 Resp: 68176
Ion Ratio Lower Upper
93 100
63 94.7 76.1 116.1
95 27.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 5.01 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion: 146 Resp: 69034
Ion Ratio Lower Upper
146 100
148 58.8 50.9 76.3
75 41.4 34.2 51.4





#13

1,4-Dichlorobenzene

Concen: 4.92 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

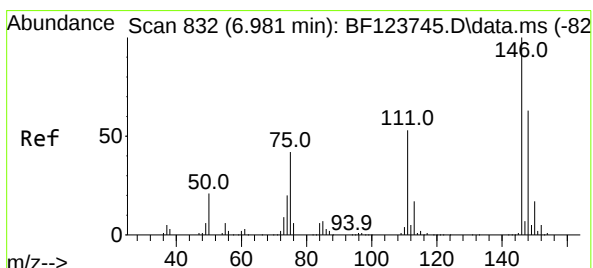
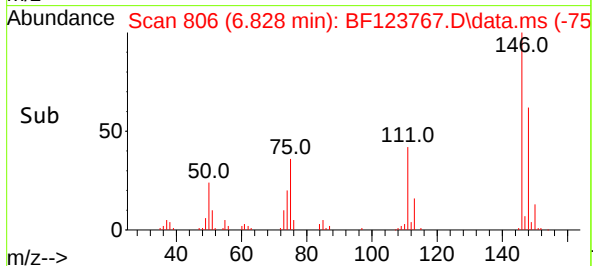
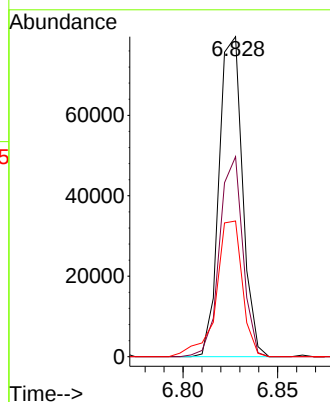
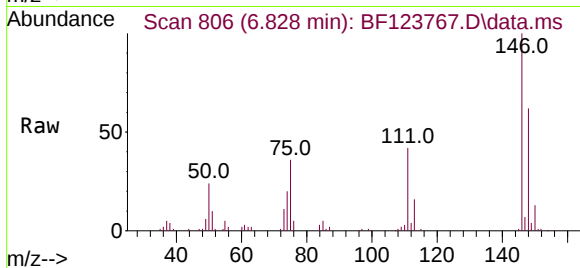
Tgt Ion:146 Resp: 68626

Ion Ratio Lower Upper

146 100

148 62.5 49.9 74.9

111 42.4 39.5 59.3



#14

1,2-Dichlorobenzene

Concen: 4.68 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.000 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

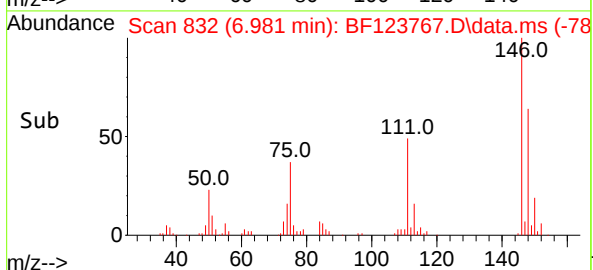
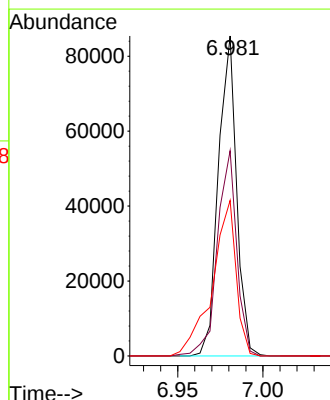
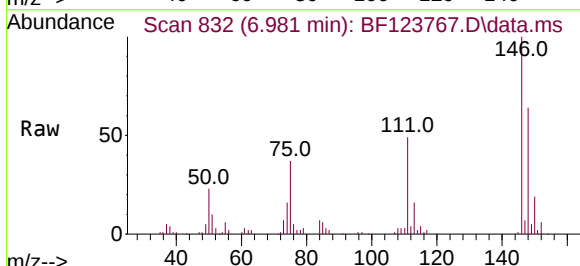
Tgt Ion:146 Resp: 63414

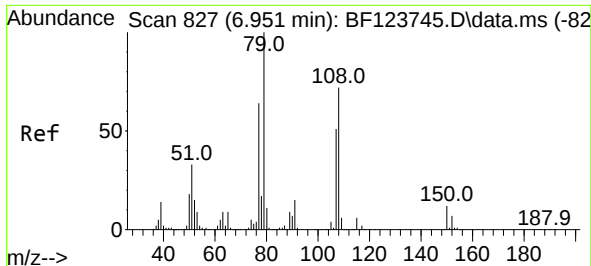
Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

111 48.6 38.4 57.6

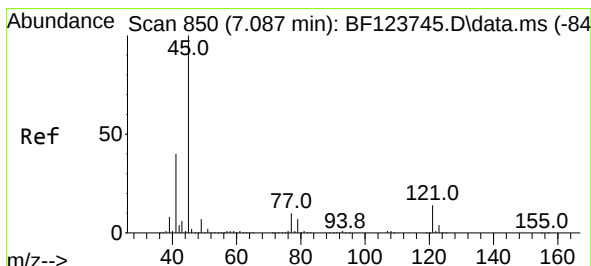
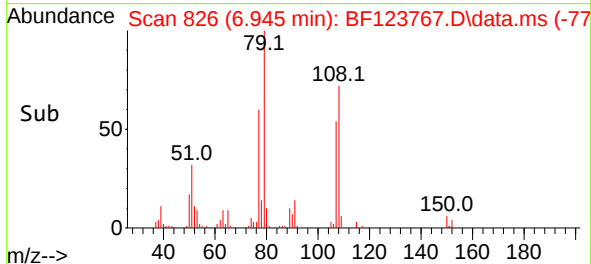
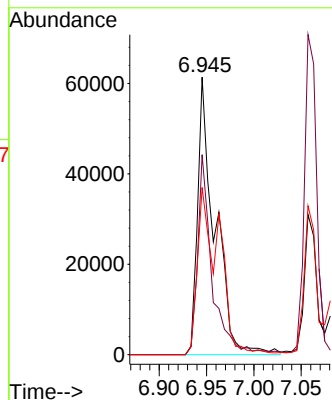
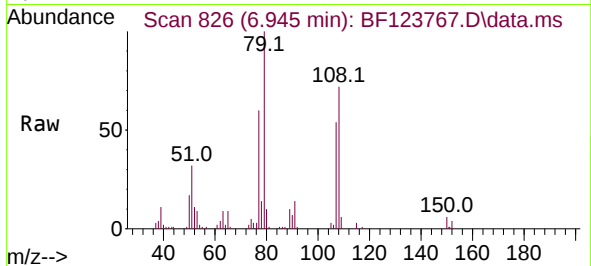




#15
Benzyl Alcohol
Concen: 5.71 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

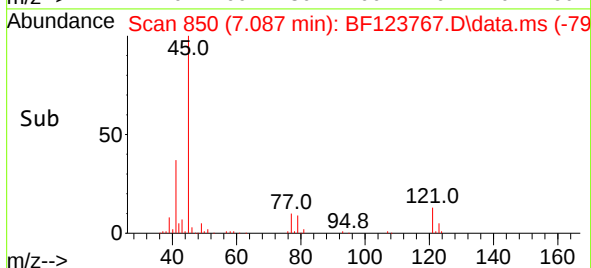
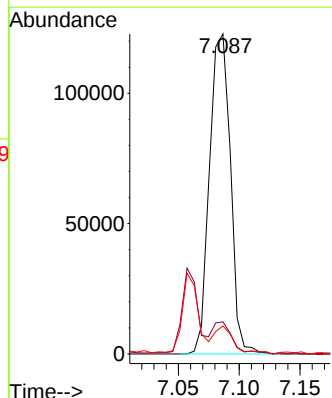
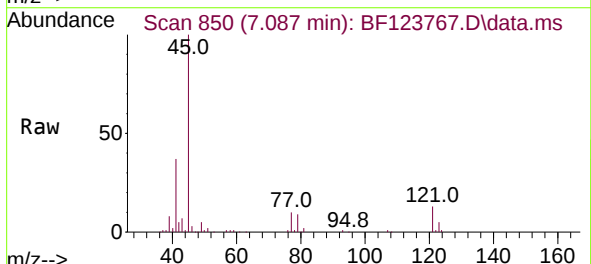
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

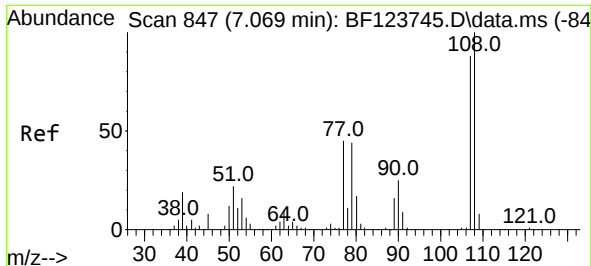
Tgt Ion: 79 Resp: 78294
Ion Ratio Lower Upper
79 100
108 72.1 55.8 83.8
77 60.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.03 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion: 45 Resp: 146706
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.0
79 8.8 0.0 27.3

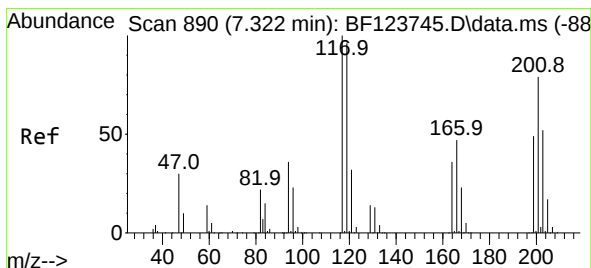
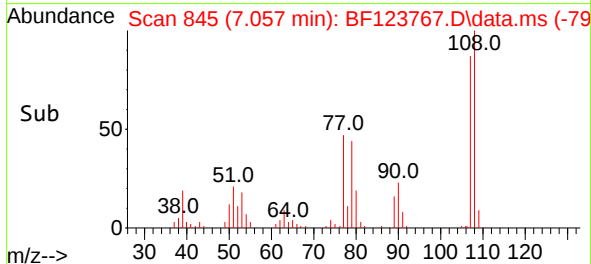
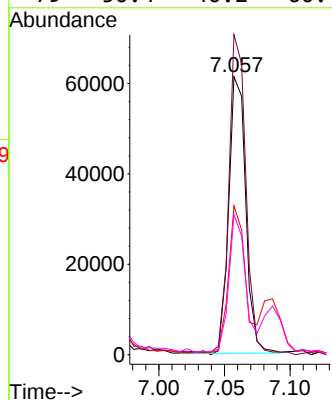
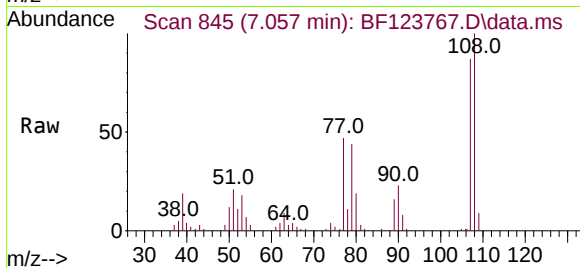




#17
2-Methylphenol
Concen: 4.75 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

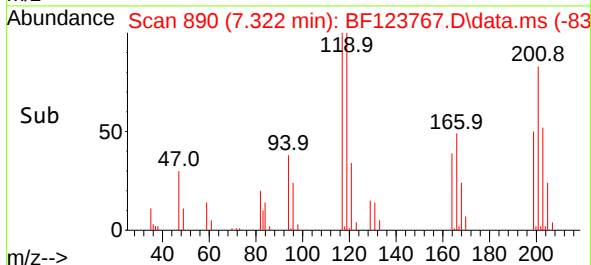
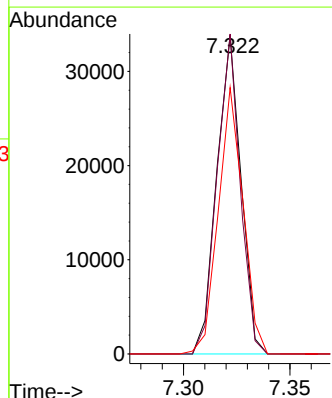
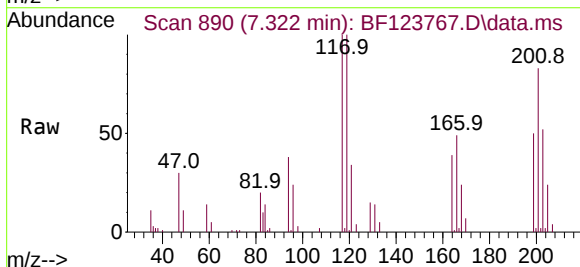
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

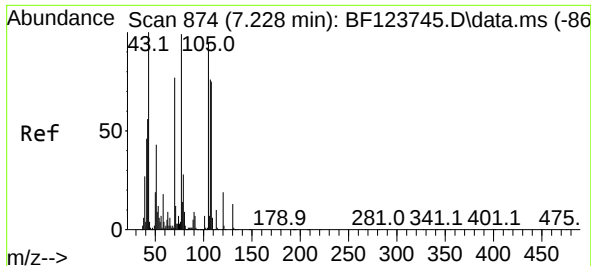
Tgt Ion:	107	Resp:	55214
Ion	Ratio	Lower	Upper
107	100		
108	115.1	89.8	134.8
77	53.6	40.9	61.3
79	50.4	40.2	60.4



#18
Hexachloroethane
Concen: 4.84 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:	117	Resp:	26732
Ion	Ratio	Lower	Upper
117	100		
119	100.4	77.8	116.8
201	83.6	67.8	101.8

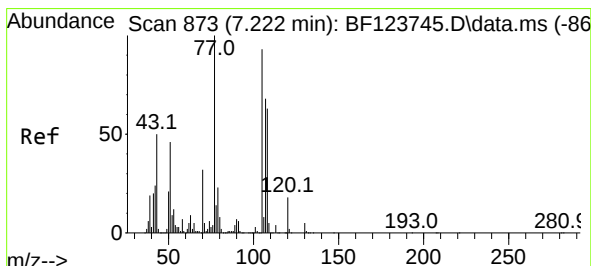
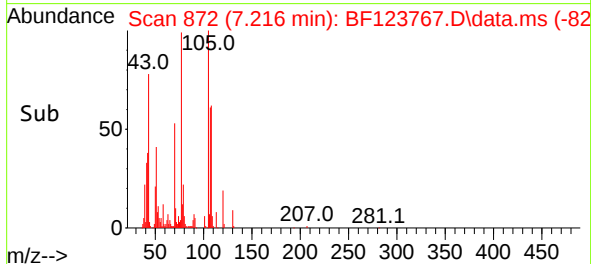
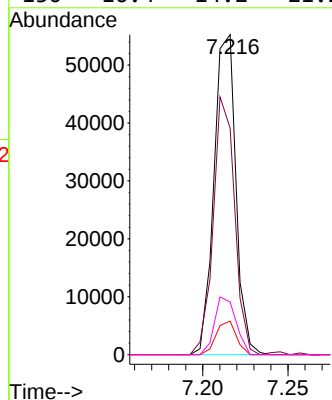
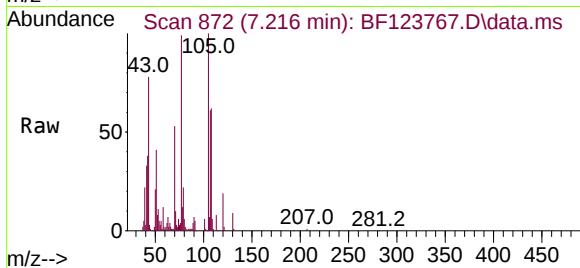




#19
n-Nitroso-di-n-propylamine
Concen: 4.58 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

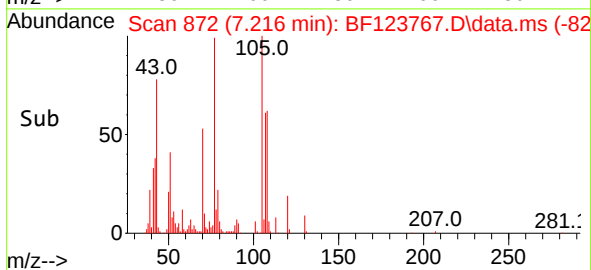
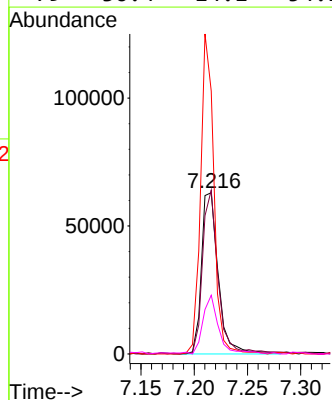
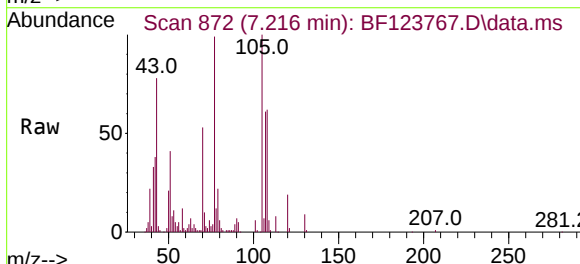
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

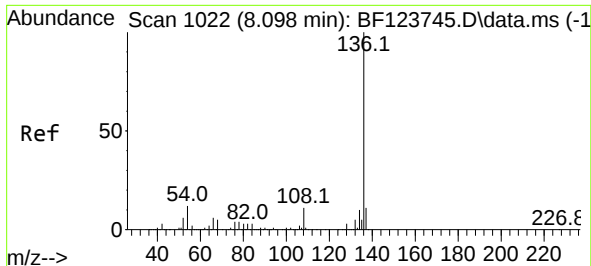
Tgt Ion:	70	Resp:	49389
Ion	Ratio	Lower	Upper
70	100		
42	70.8	60.1	90.1
101	10.5	7.4	11.2
130	16.4	14.2	21.2



#20
3+4-Methylphenols
Concen: 4.72 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:	107	Resp:	69825
Ion	Ratio	Lower	Upper
107	100		
108	101.7	71.5	111.5
77	163.0	82.0	122.0#
79	36.4	14.1	54.1



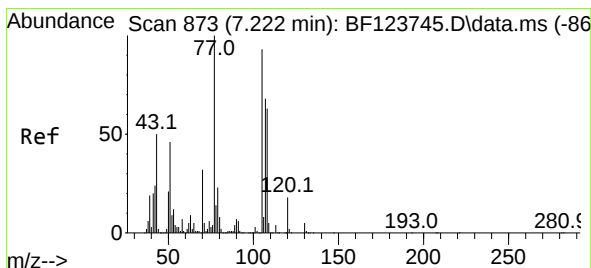
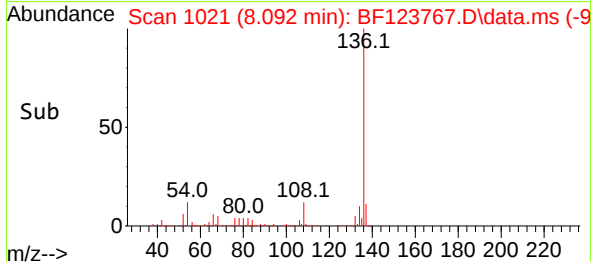
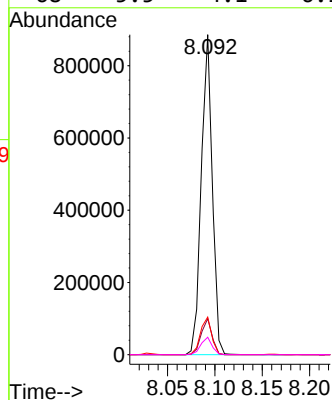
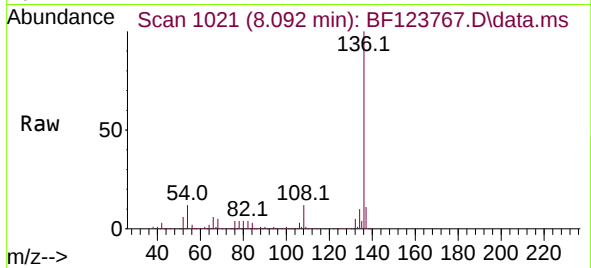


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:136 Resp: 716237

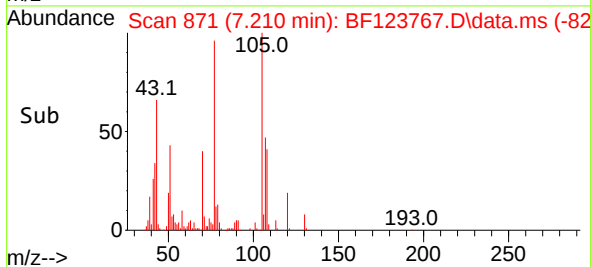
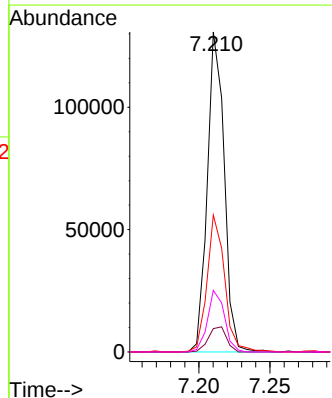
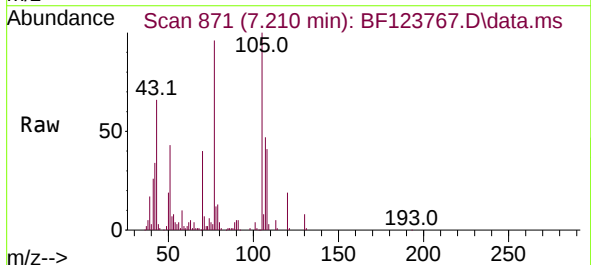
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.7	9.8	14.6
68	5.5	4.1	6.1

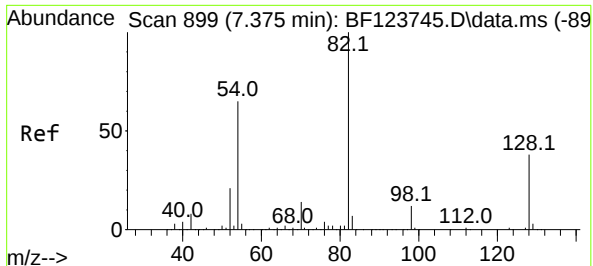


#22
Acetophenone
Concen: 5.59 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:105 Resp: 108841

Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.2	6.4#
51	42.8	33.6	50.4
120	19.2	16.3	24.5

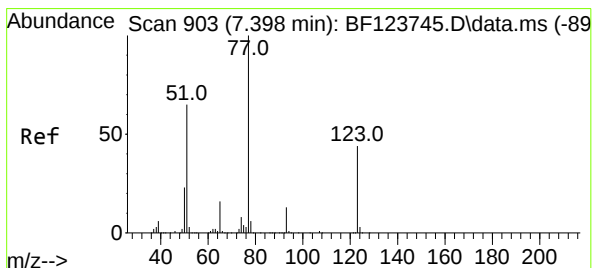
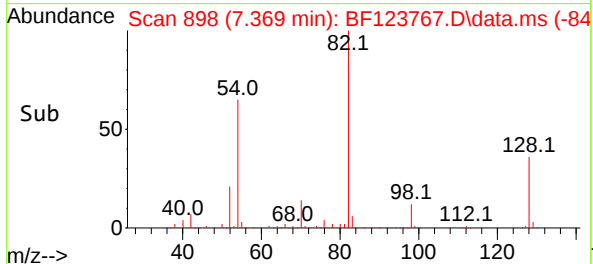
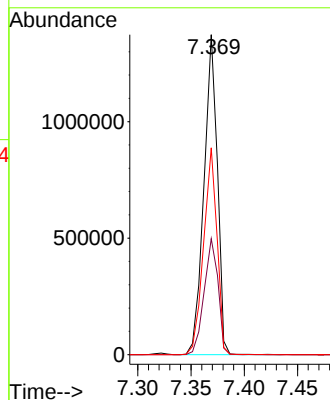
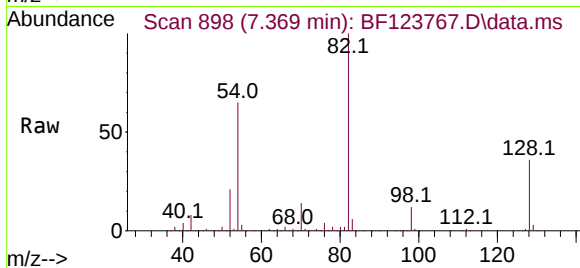




#23
Nitrobenzene-d5
Concen: 76.09 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

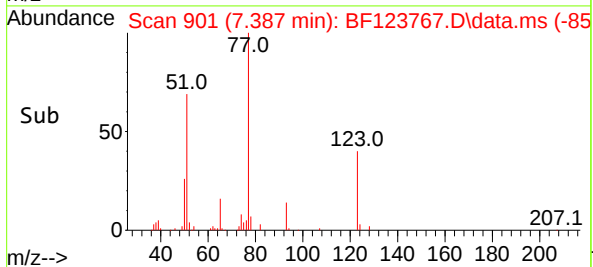
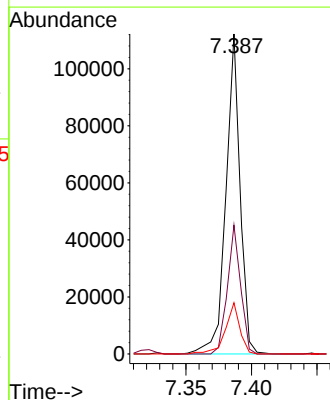
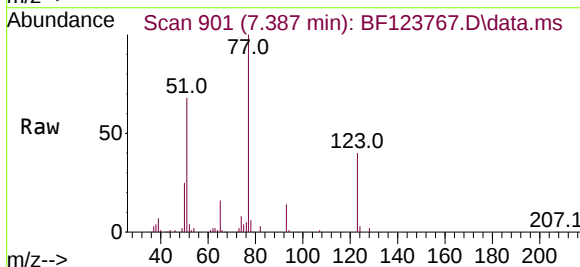
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

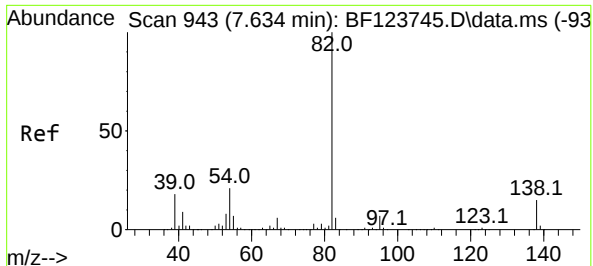
Tgt Ion: 82 Resp: 1207181
Ion Ratio Lower Upper
82 100
128 36.3 29.4 44.2
54 64.6 54.1 81.1



#24
Nitrobenzene
Concen: 5.09 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion: 77 Resp: 84171
Ion Ratio Lower Upper
77 100
123 40.3 34.5 51.7
65 16.0 12.2 18.2

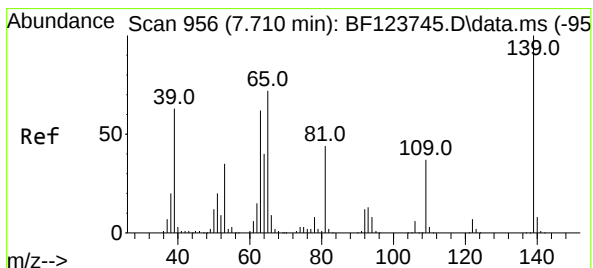
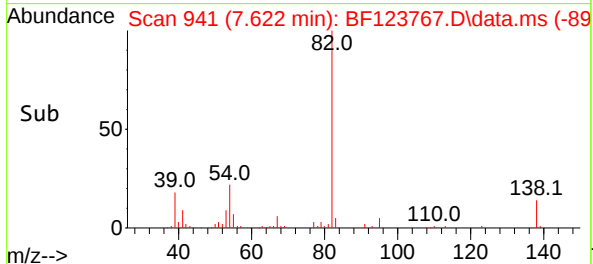
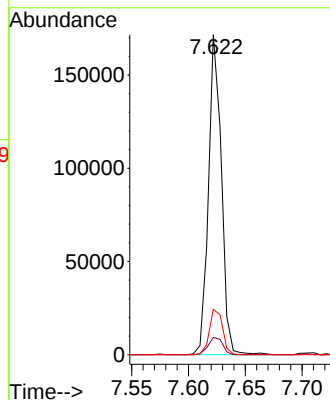
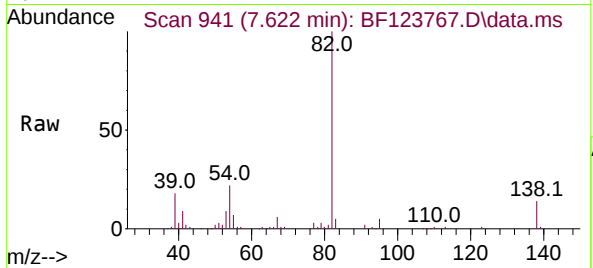




#25
Isophorone
Concen: 4.54 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

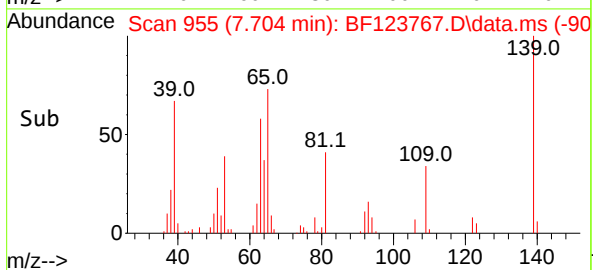
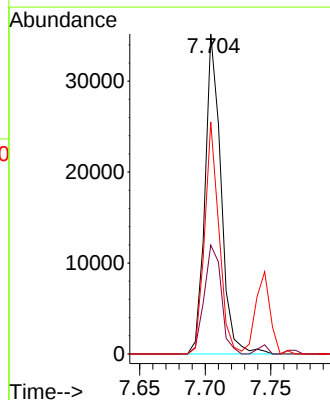
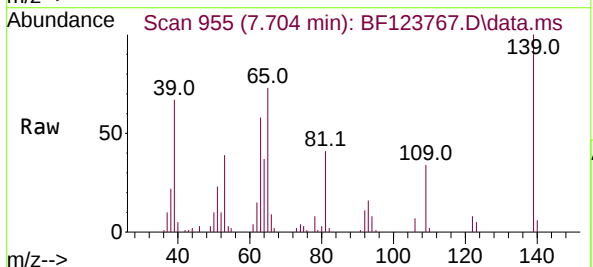
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

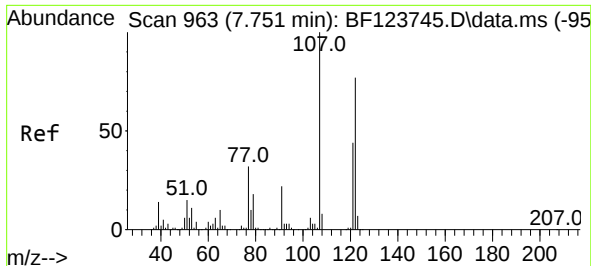
Tgt Ion: 82 Resp: 135036
Ion Ratio Lower Upper
82 100
95 5.4 5.8 8.6#
138 14.1 11.8 17.8



#26
2-Nitrophenol
Concen: 4.43 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

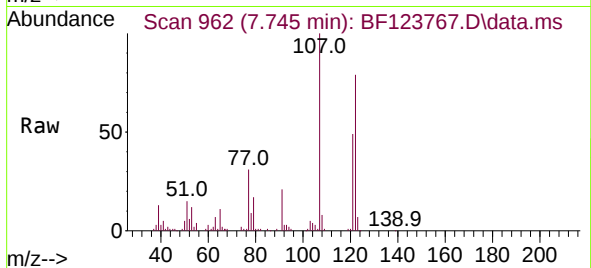
Tgt Ion:139 Resp: 29875
Ion Ratio Lower Upper
139 100
109 34.0 28.6 43.0
65 72.5 56.8 85.2



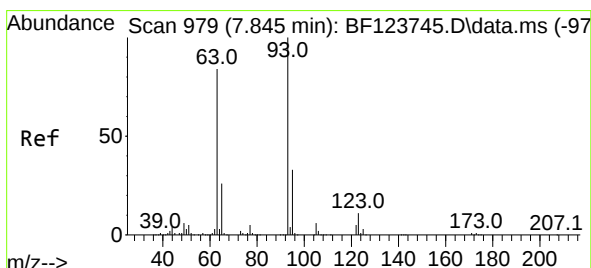
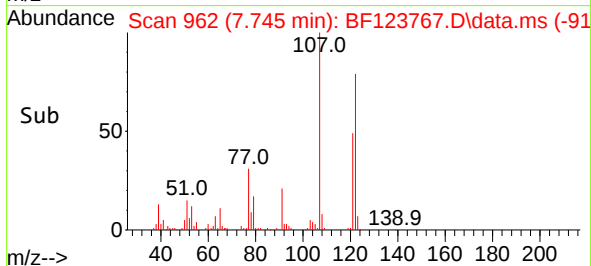
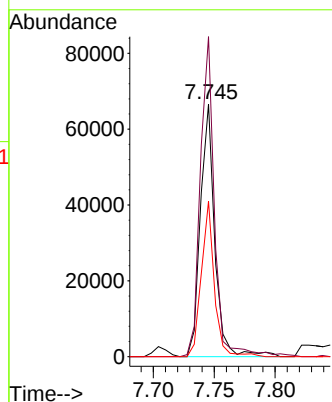


#27
2,4-Dimethylphenol
Concen: 5.17 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

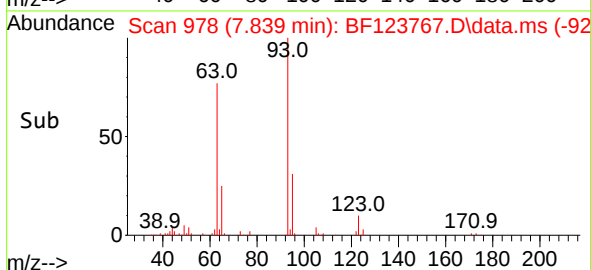
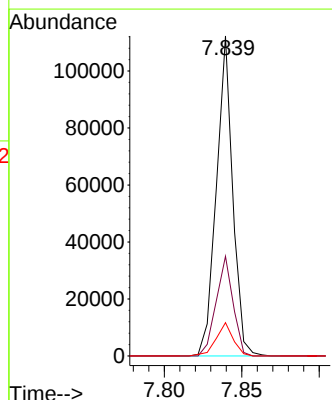
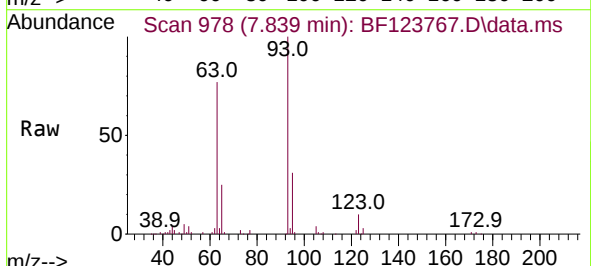


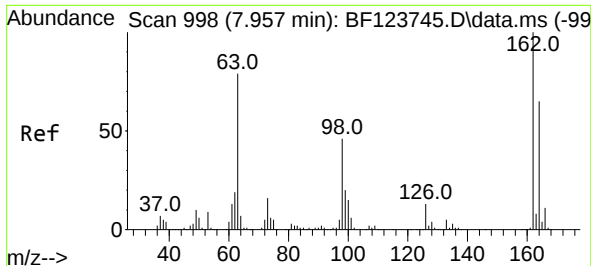
Tgt Ion:122 Resp: 54806
Ion Ratio Lower Upper
122 100
107 126.7 106.3 159.5
121 61.6 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 5.43 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion: 93 Resp: 82300
Ion Ratio Lower Upper
93 100
95 31.2 26.5 39.7
123 10.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 4.66 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

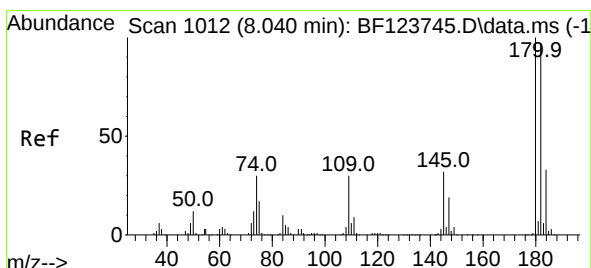
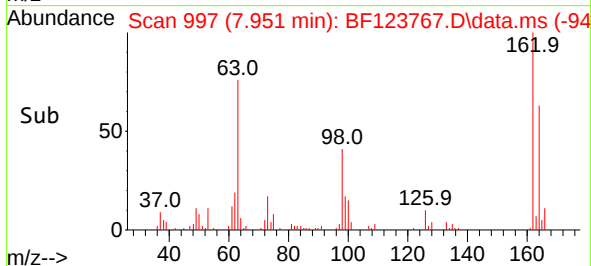
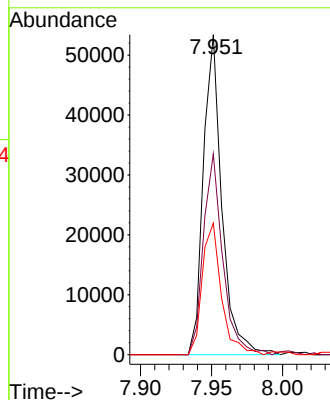
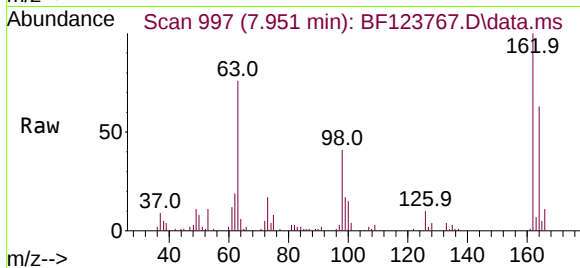
Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2021

Tgt Ion:162	Resp:	48613
Ion Ratio	Lower	Upper
162	100	
164	62.8	44.1 84.1
98	41.1	27.3 67.3



#30

1,2,4-Trichlorobenzene

Concen: 5.13 ng

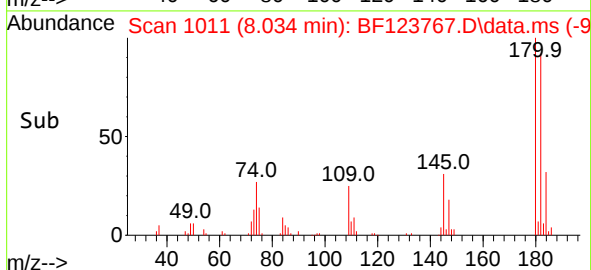
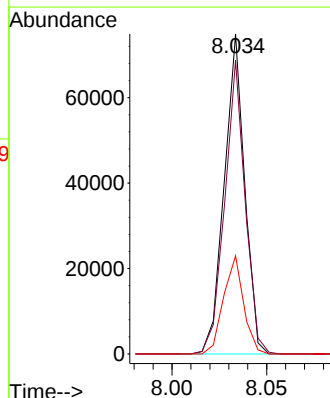
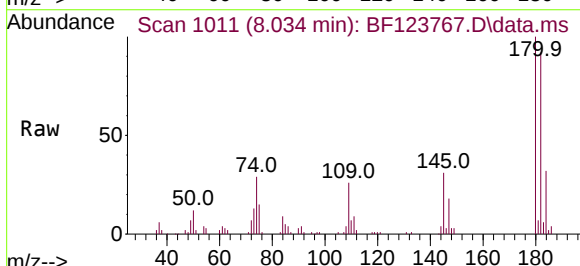
RT: 8.034 min Scan# 1011

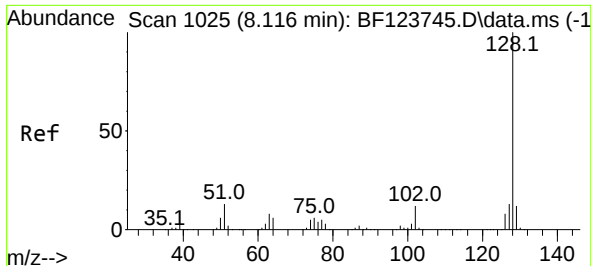
Delta R.T. -0.006 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

Tgt Ion:180	Resp:	56173
Ion Ratio	Lower	Upper
180	100	
182	91.8	77.2 115.8
145	30.7	26.0 39.0

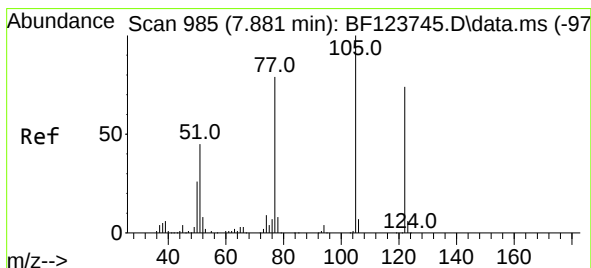
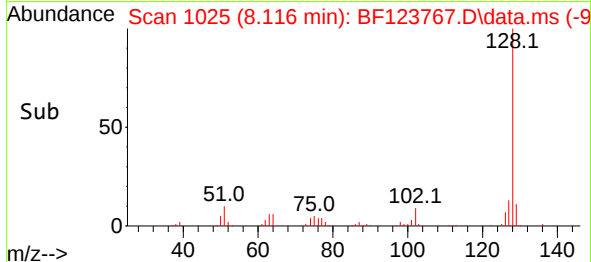
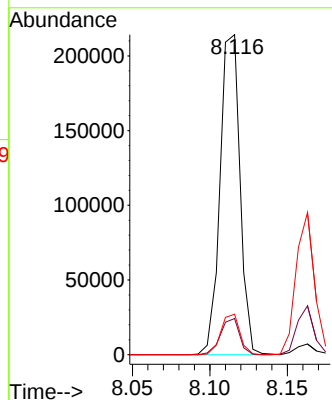
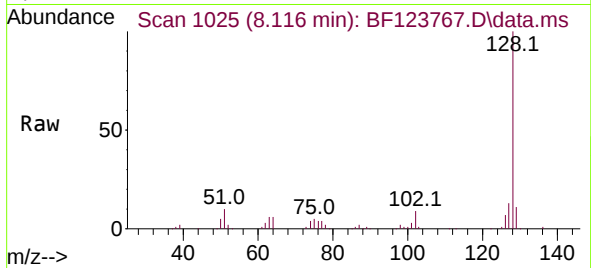




#31
Naphthalene
Concen: 5.22 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

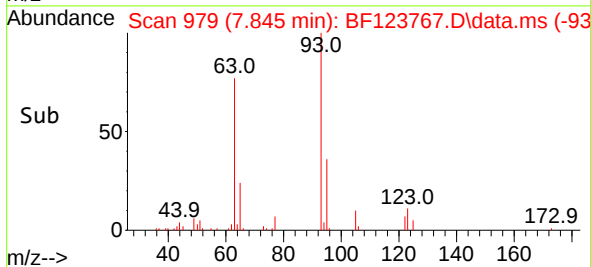
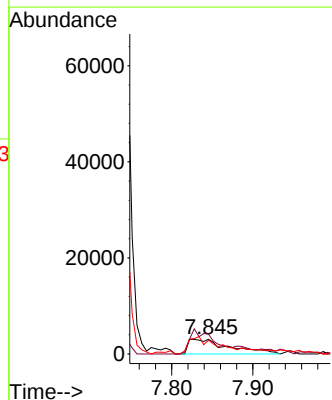
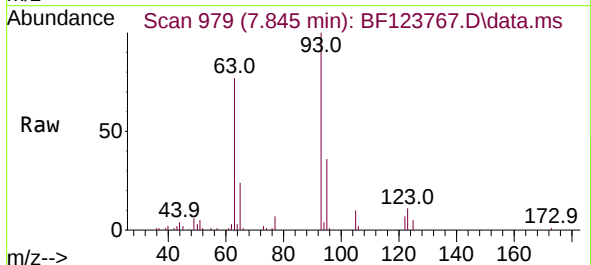
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

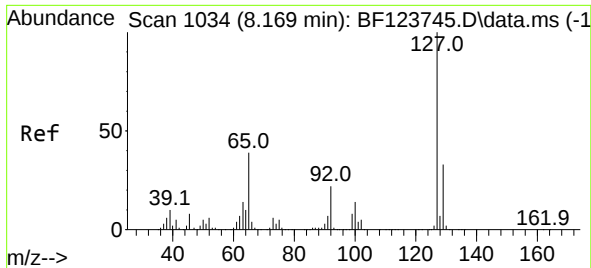
Tgt Ion:128 Resp: 192363
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.7 10.8 16.2



#32
Benzoic acid
Concen: 1.61 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.036 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:122 Resp: 10718
Ion Ratio Lower Upper
122 100
105 134.2 107.8 147.8
77 92.6 81.6 121.6

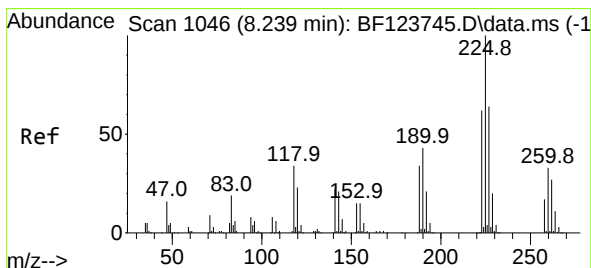
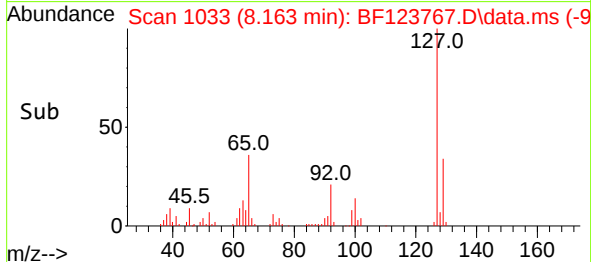
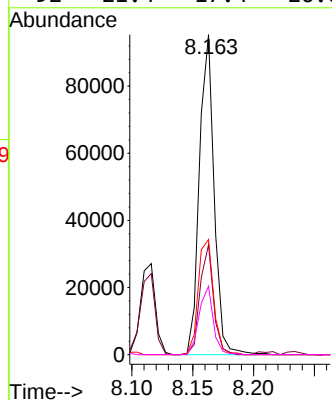
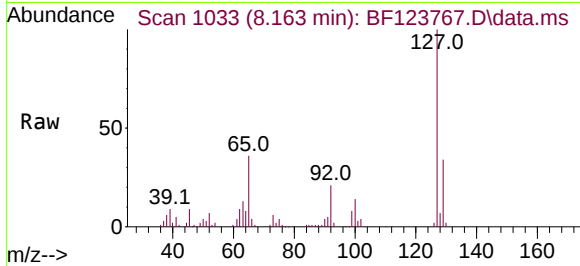




#33
4-Chloroaniline
Concen: 5.22 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

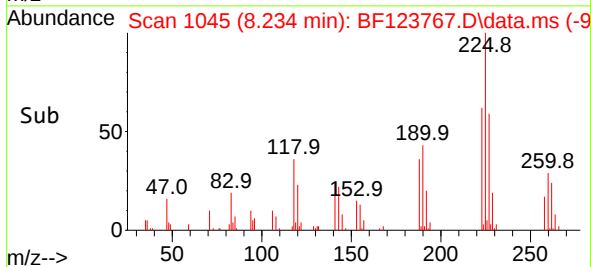
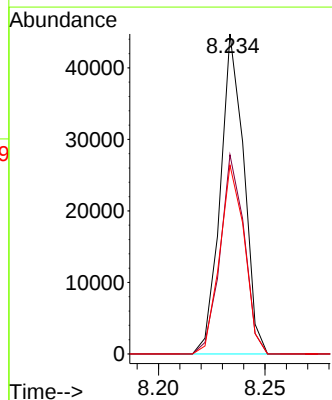
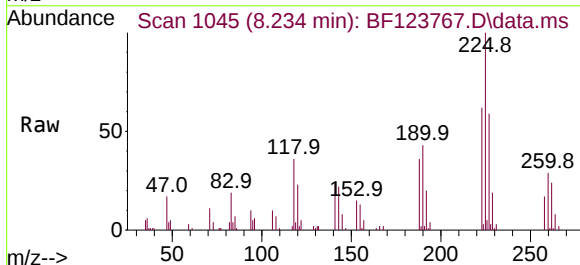
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

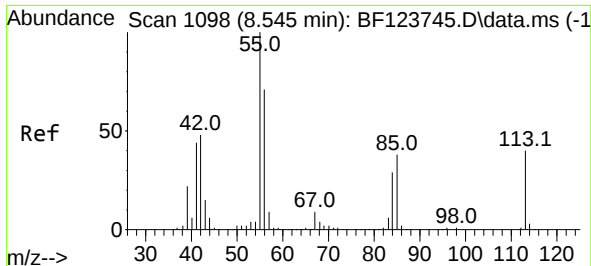
Tgt Ion:	127	Resp:	80384
Ion Ratio	Lower	Upper	
127	100		
129	34.3	25.7	38.5
65	36.0	34.5	51.7
92	21.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 5.15 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:	225	Resp:	34328
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.4	75.6
227	56.2	51.4	77.0

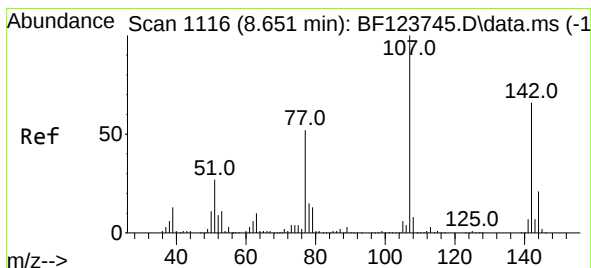
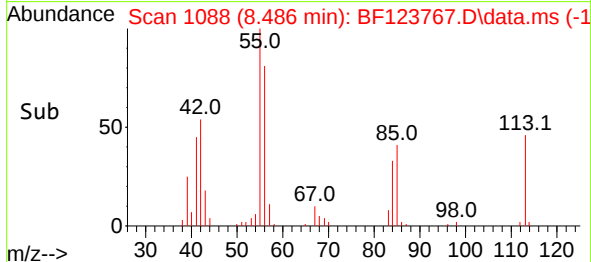
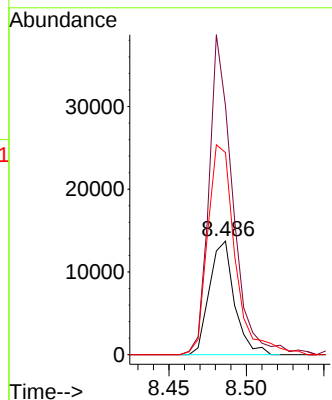
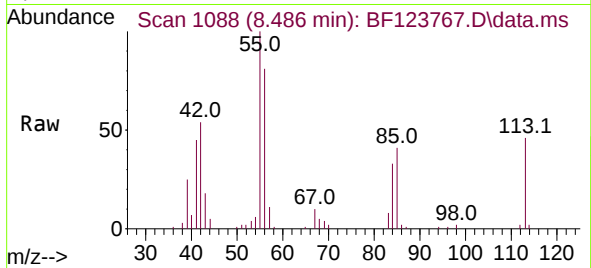




#35
Caprolactam
Concen: 4.21 ng
RT: 8.486 min Scan# 1088
Delta R.T. -0.059 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

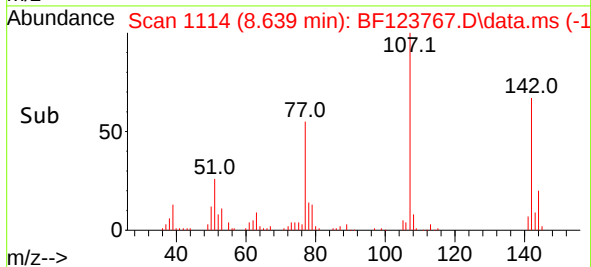
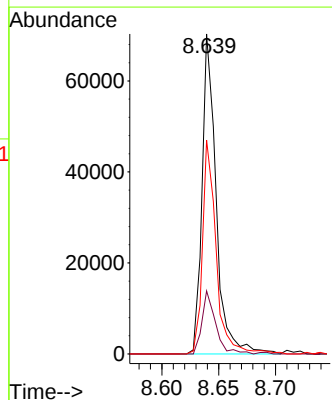
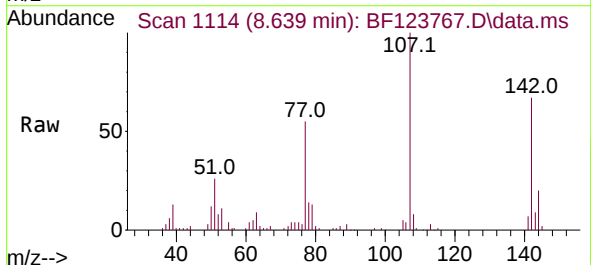
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

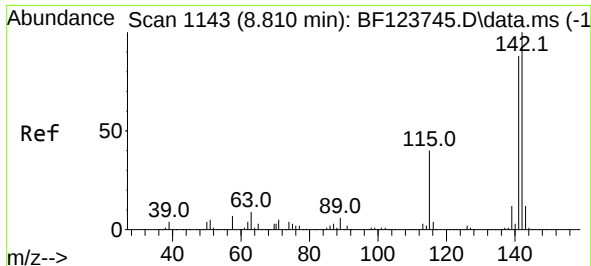
Tgt Ion:113 Resp: 15428
Ion Ratio Lower Upper
113 100
55 219.0 254.9 294.9#
56 177.9 179.4 219.4#



#36
4-Chloro-3-methylphenol
Concen: 4.68 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:107 Resp: 60916
Ion Ratio Lower Upper
107 100
144 19.7 16.3 24.5
142 66.8 50.1 75.1

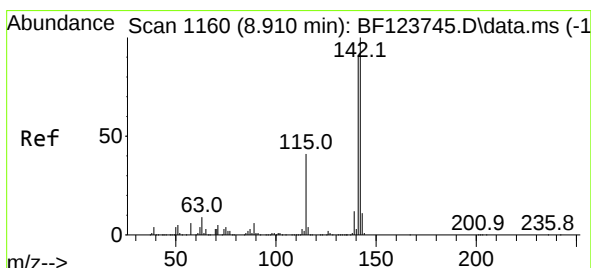
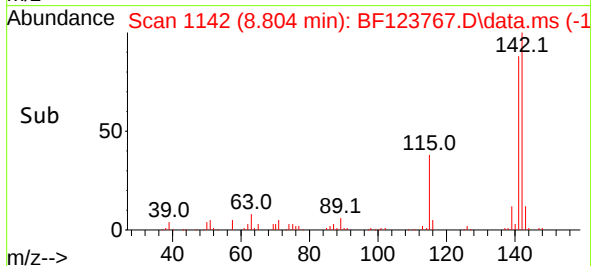
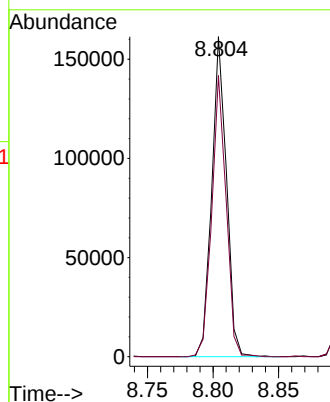
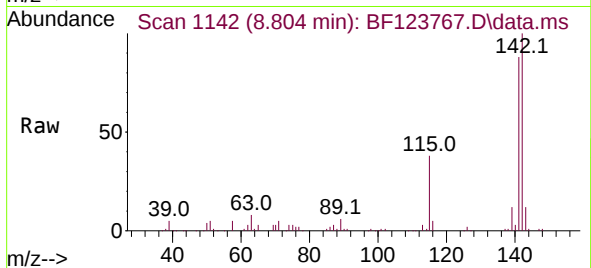




#37
2-Methylnaphthalene
Concen: 5.24 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

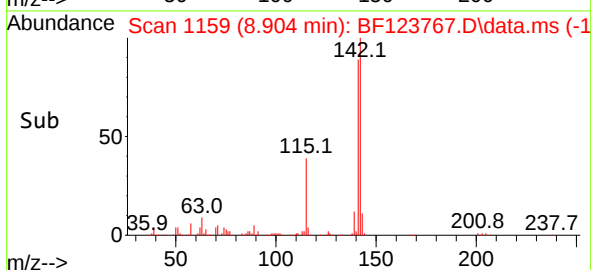
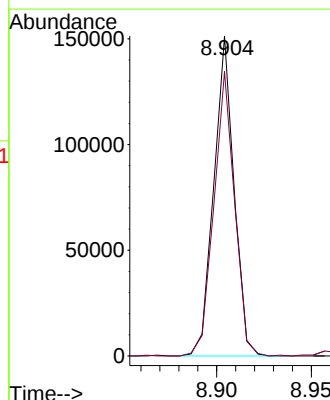
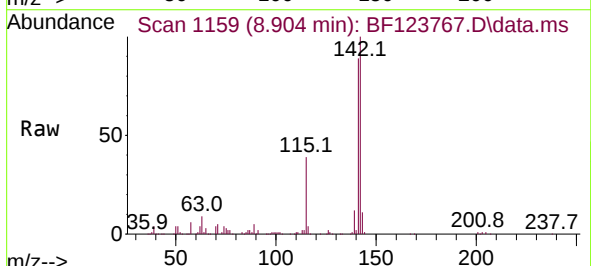
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

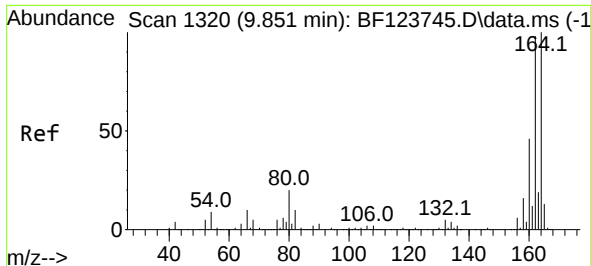
Tgt Ion:142 Resp: 125841
Ion Ratio Lower Upper
142 100
141 87.9 71.8 107.6



#38
1-Methylnaphthalene
Concen: 4.97 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:142 Resp: 112250
Ion Ratio Lower Upper
142 100
141 89.0 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2021

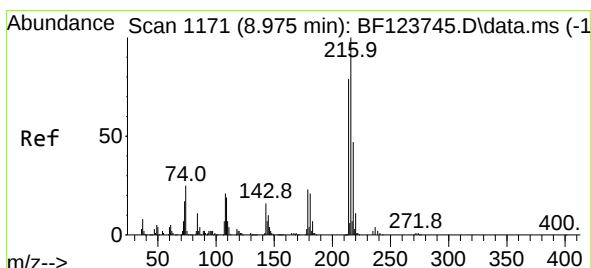
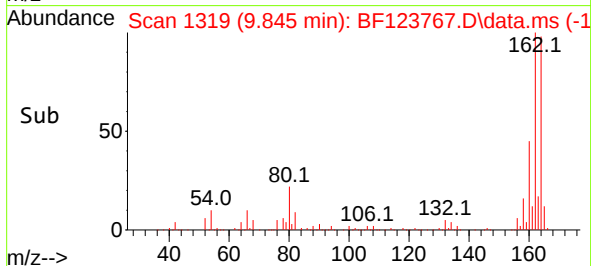
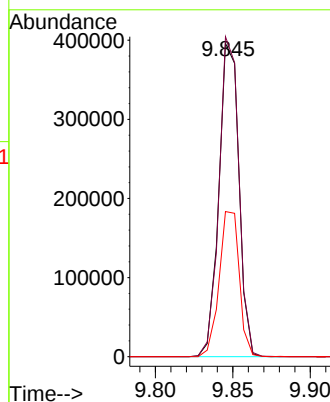
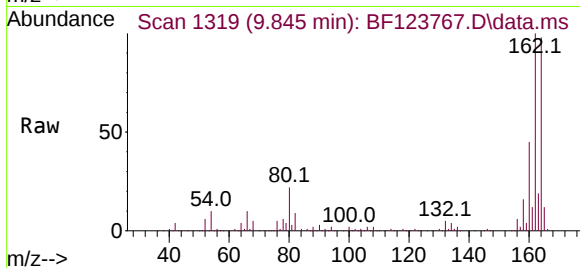
Tgt Ion:164 Resp: 356023

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

160 46.3 37.3 55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.23 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

Tgt Ion:216 Resp: 54827

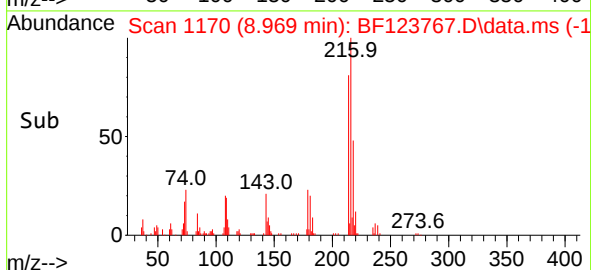
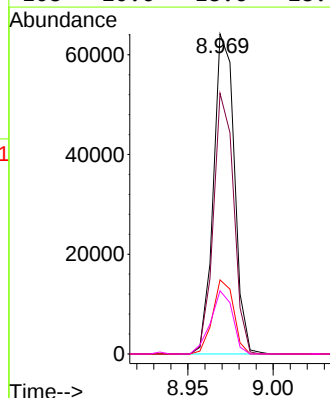
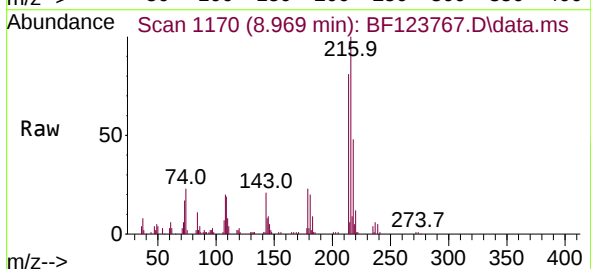
Ion Ratio Lower Upper

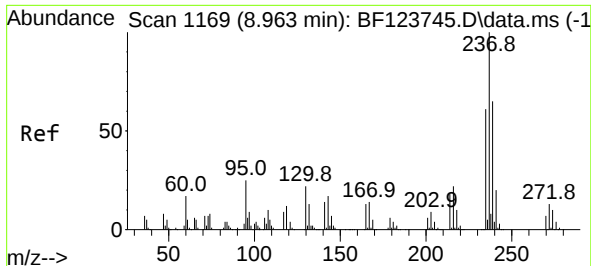
216 100

214 79.1 63.8 95.8

179 23.2 17.9 26.9

108 20.6 18.6 28.0

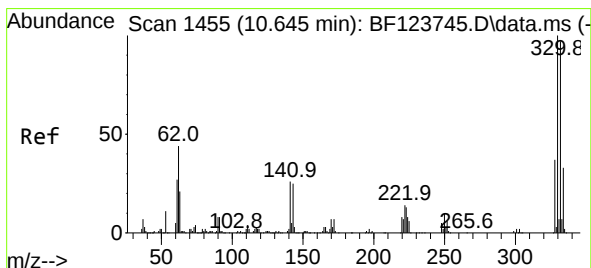
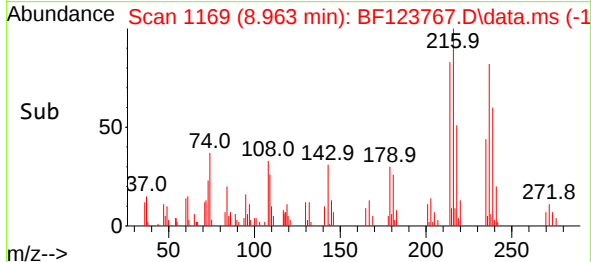
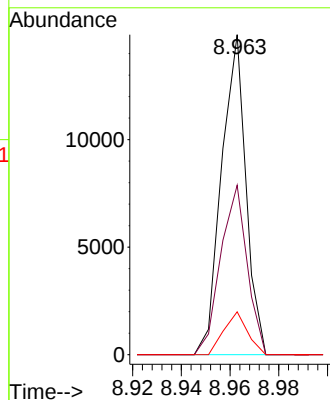
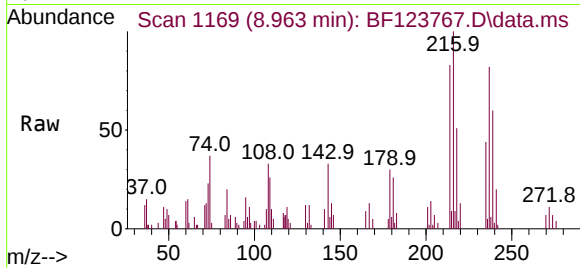




#41
Hexachlorocyclopentadiene
Concen: 2.49 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

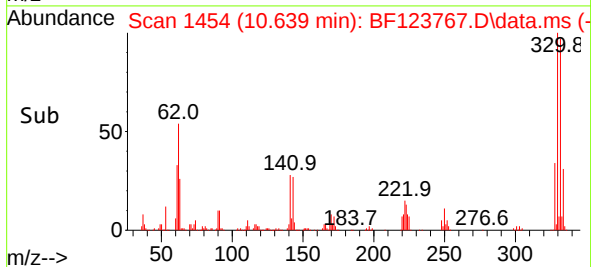
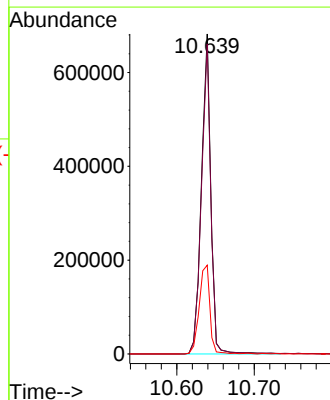
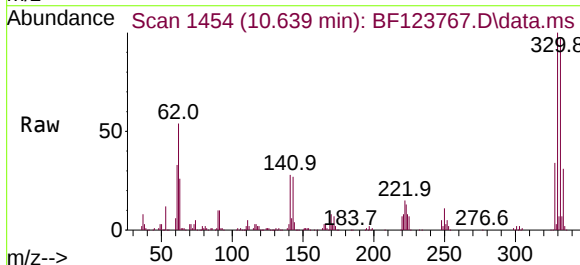
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

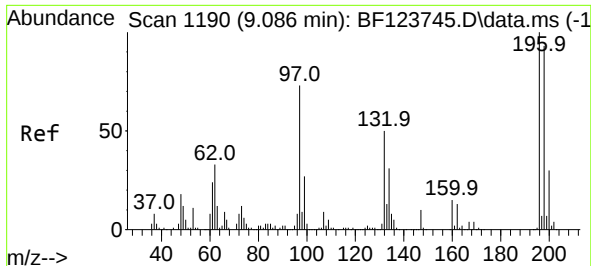
Tgt Ion:237	Resp:	10353
Ion Ratio	Lower	Upper
237	100	
235	52.9	38.8 78.8
272	13.4	0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 129.35 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:330	Resp:	573286
Ion Ratio	Lower	Upper
330	100	
332	97.2	77.1 115.7
141	31.5	27.9 41.9

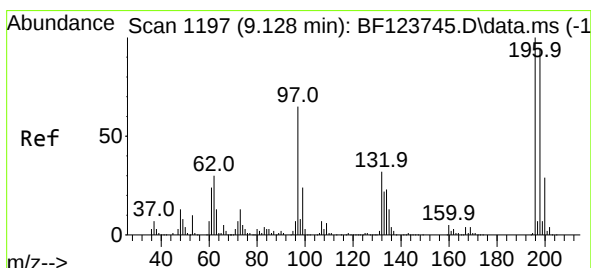
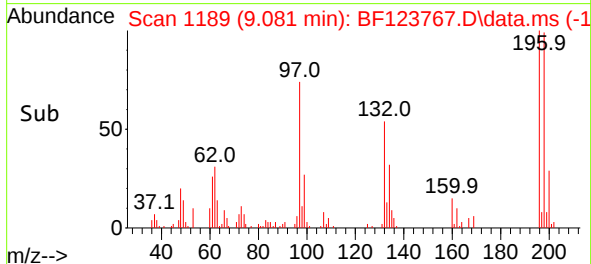
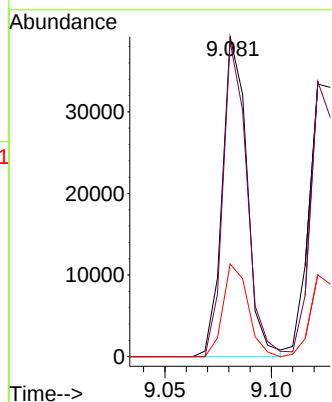
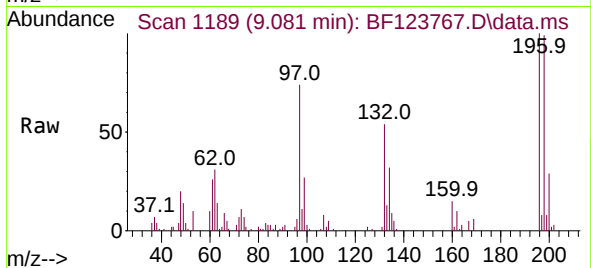




#43
2,4,6-Trichlorophenol
Concen: 4.38 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

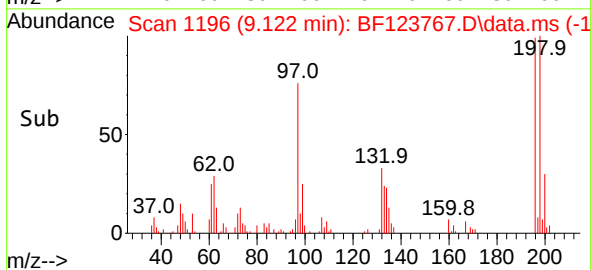
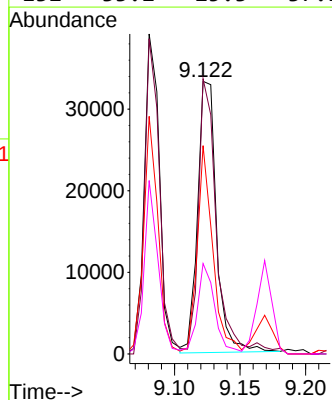
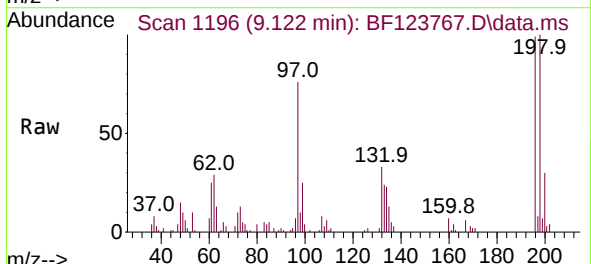
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

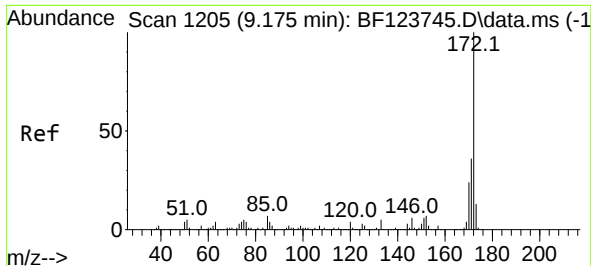
Tgt Ion:196 Resp: 31584
Ion Ratio Lower Upper
196 100
198 98.5 78.2 117.2
200 29.0 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 4.31 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:196 Resp: 33361
Ion Ratio Lower Upper
196 100
198 100.9 76.5 114.7
97 76.4 52.9 79.3
132 33.2 25.3 37.9

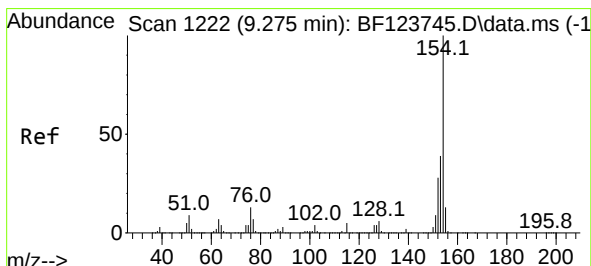
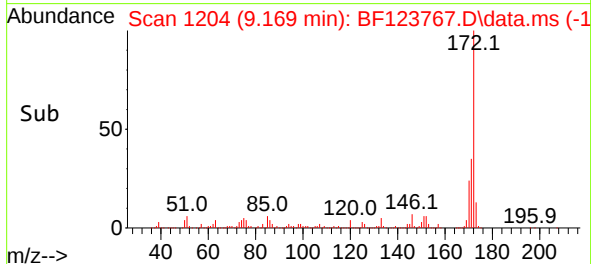
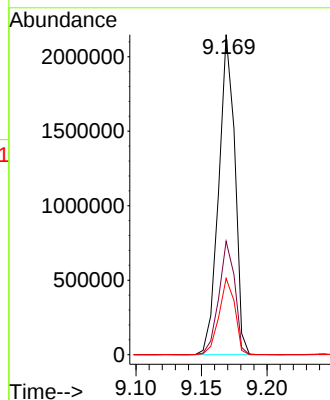
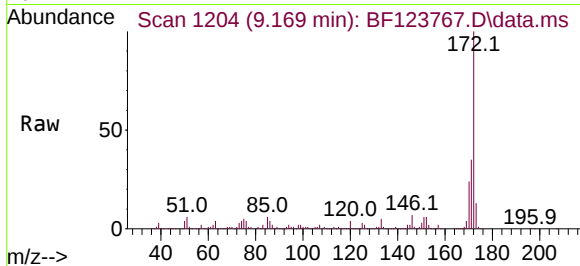




#45
2-Fluorobiphenyl
Concen: 74.89 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

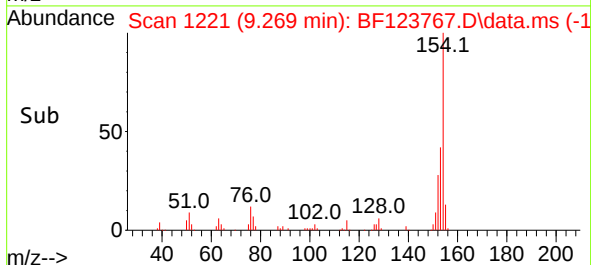
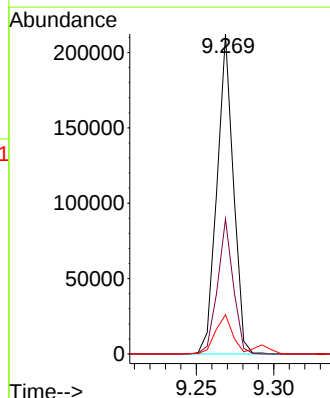
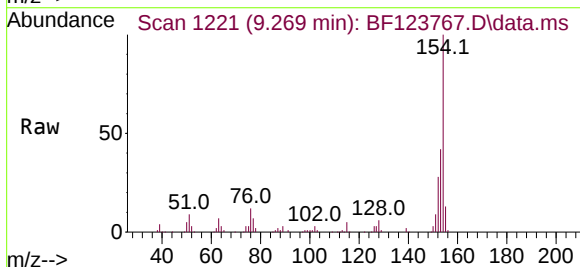
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

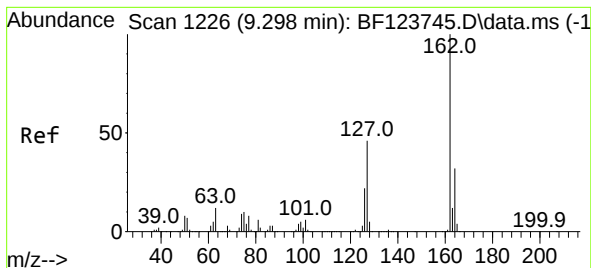
Tgt Ion:172 Resp: 1830961
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 5.34 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:154 Resp: 155899
Ion Ratio Lower Upper
154 100
153 42.2 20.7 60.7
76 12.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 5.18 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

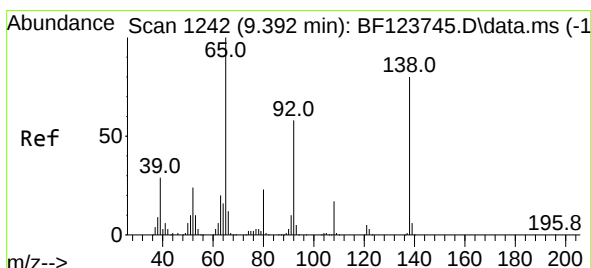
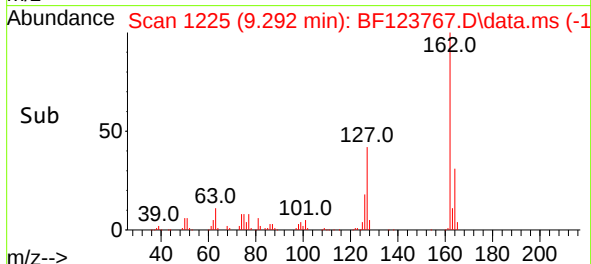
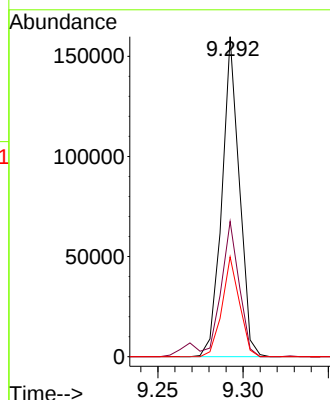
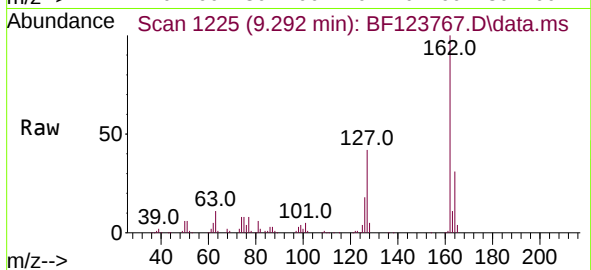
Tgt Ion:162 Resp: 113820

Ion Ratio Lower Upper

162 100

127 42.2 36.2 54.2

164 31.2 25.4 38.2



#48

2-Nitroaniline

Concen: 4.39 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

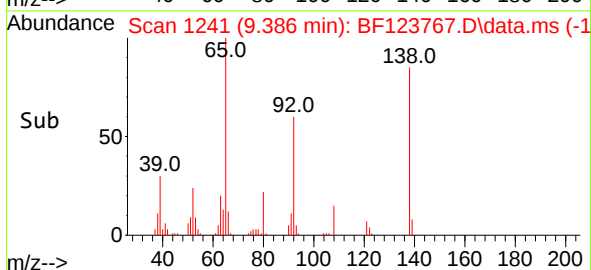
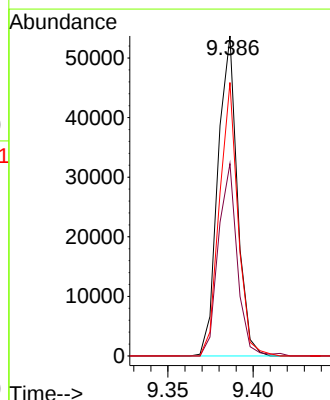
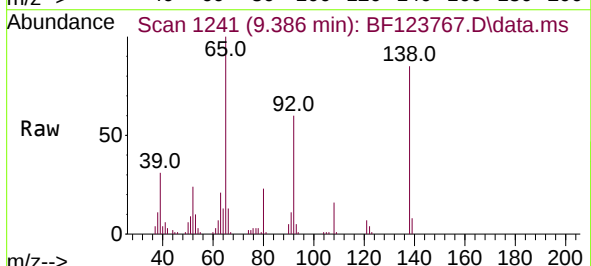
Tgt Ion: 65 Resp: 42554

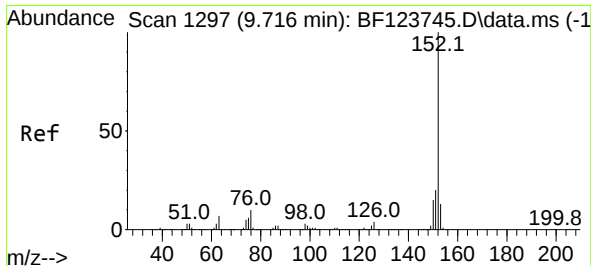
Ion Ratio Lower Upper

65 100

92 60.1 47.1 70.7

138 85.4 70.2 105.2





#49

Acenaphthylene

Concen: 5.07 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2021

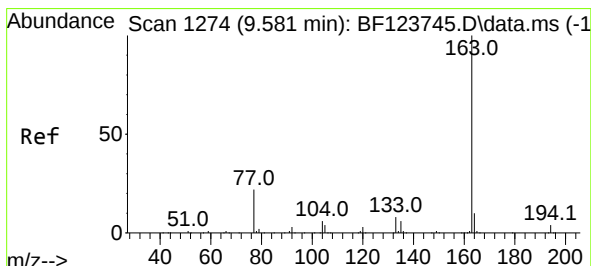
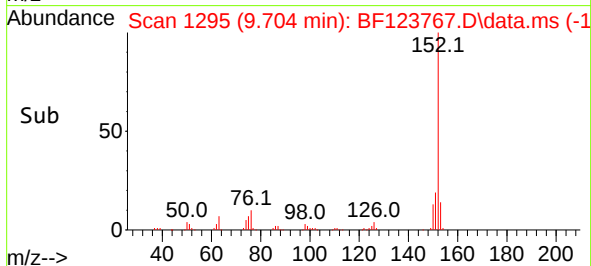
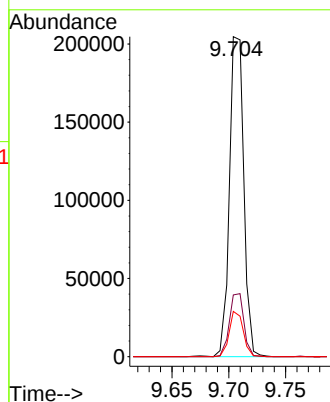
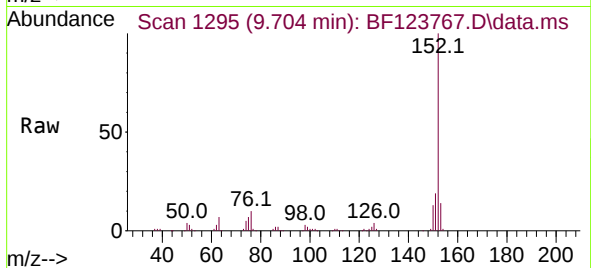
Tgt Ion:152 Resp: 179936

Ion Ratio Lower Upper

152 100

151 19.3 16.0 24.0

153 14.2 10.4 15.6



#50

Dimethylphthalate

Concen: 4.88 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.018 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

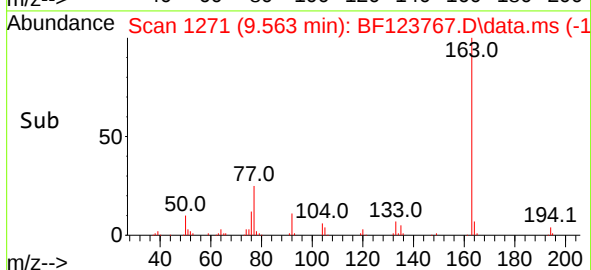
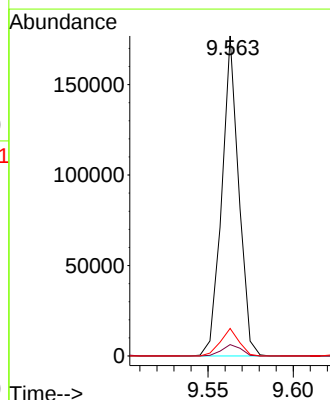
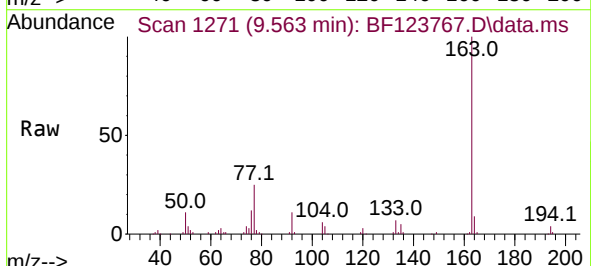
Tgt Ion:163 Resp: 122461

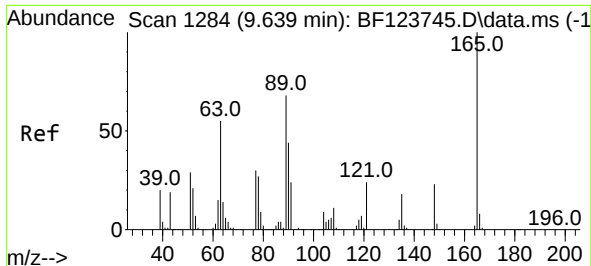
Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 8.6 8.2 12.2

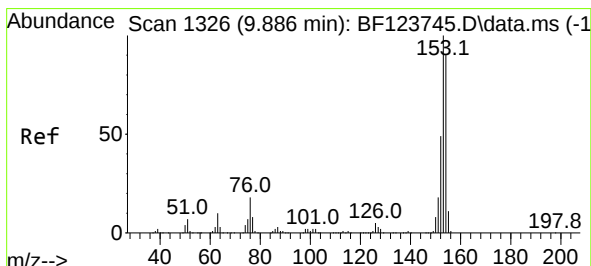
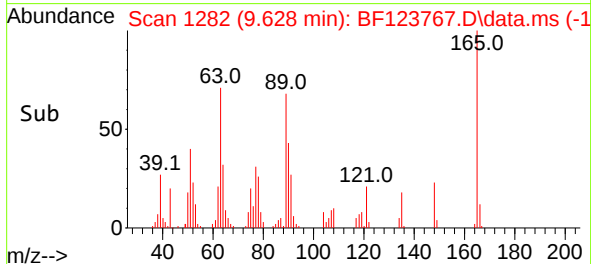
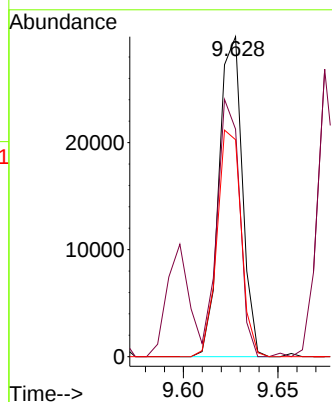
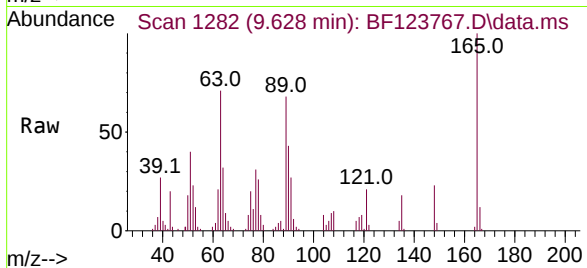




#51
2,6-Dinitrotoluene
Concen: 4.41 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

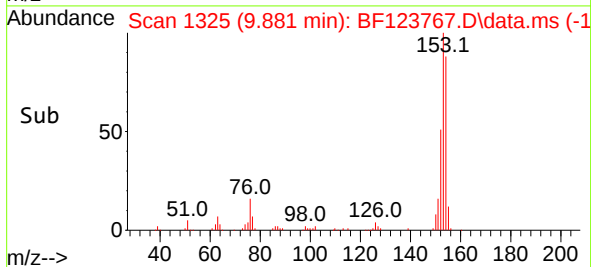
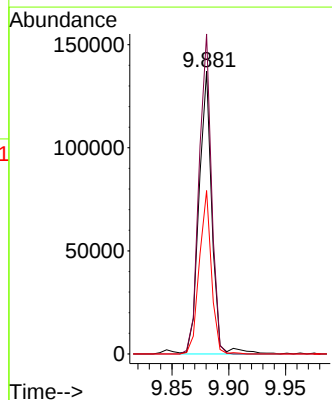
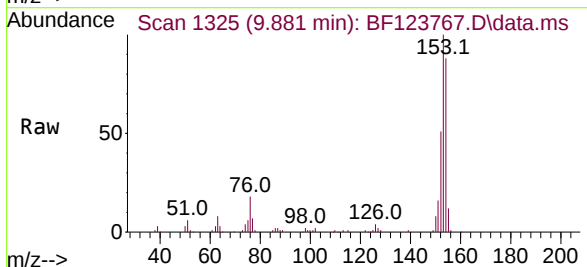
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

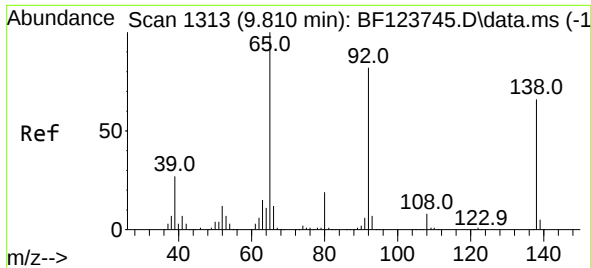
Tgt Ion:165 Resp: 25544
Ion Ratio Lower Upper
165 100
63 71.1 67.7 101.5
89 67.8 58.8 88.2



#52
Acenaphthene
Concen: 5.00 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:154 Resp: 108058
Ion Ratio Lower Upper
154 100
153 113.3 88.1 132.1
152 57.8 43.4 65.0

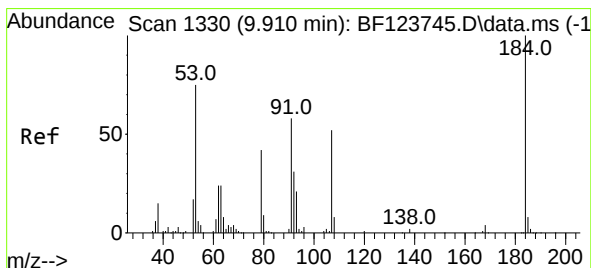
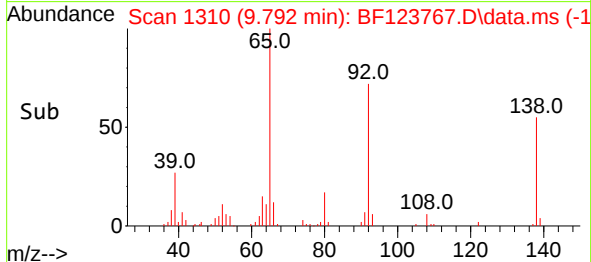
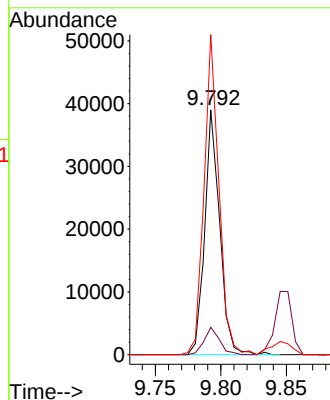
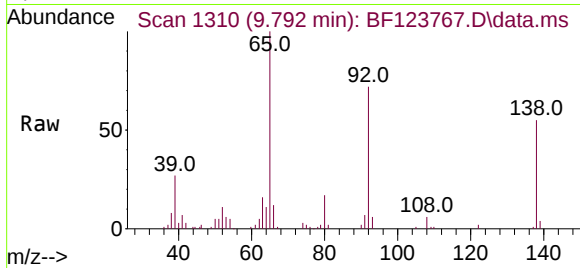




#53
3-Nitroaniline
Concen: 4.49 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

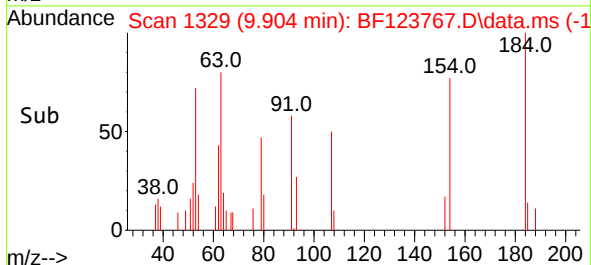
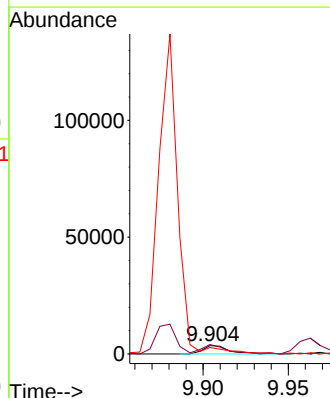
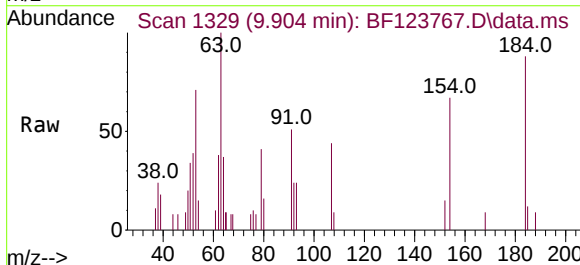
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

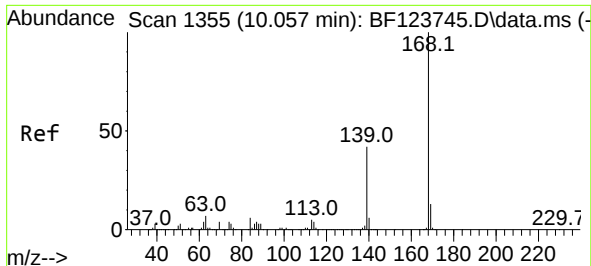
Tgt Ion:138 Resp: 31115
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.4
92 130.7 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 1.24 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:184 Resp: 3816
Ion Ratio Lower Upper
184 100
63 113.7 73.5 110.3#
154 76.6 52.5 78.7

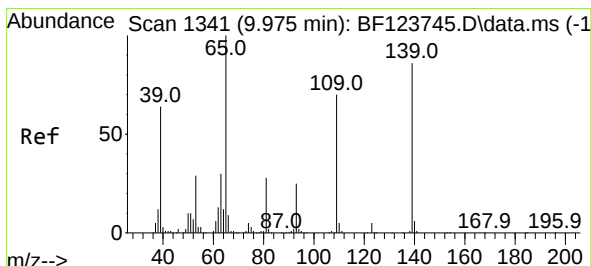
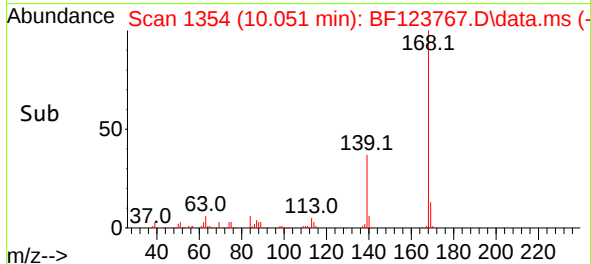
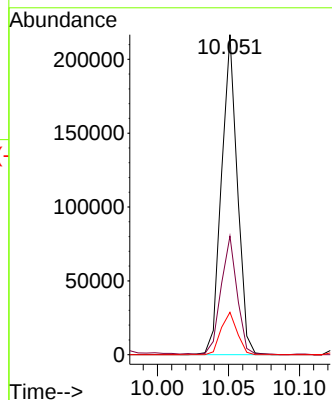
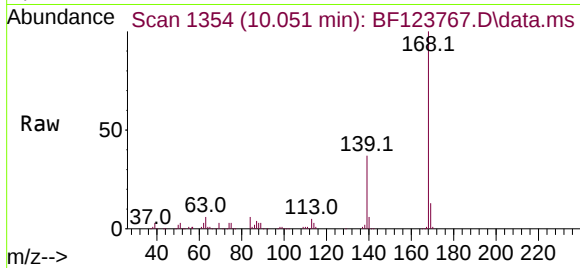




#55
Dibenzofuran
Concen: 5.12 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

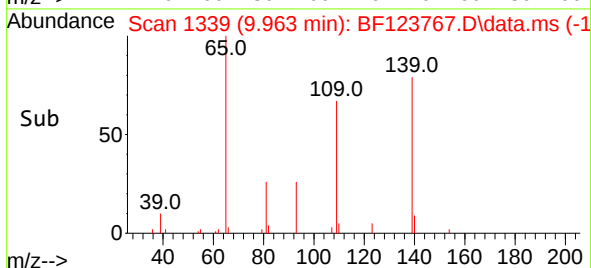
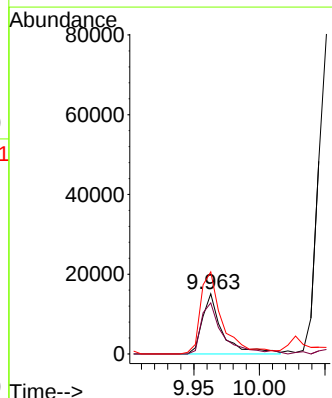
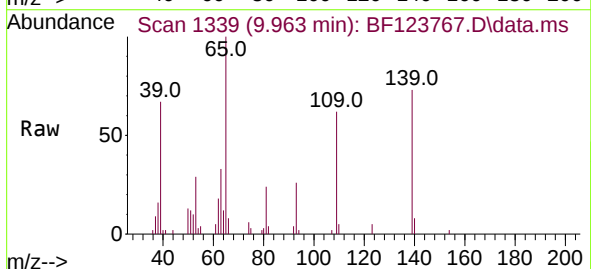
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

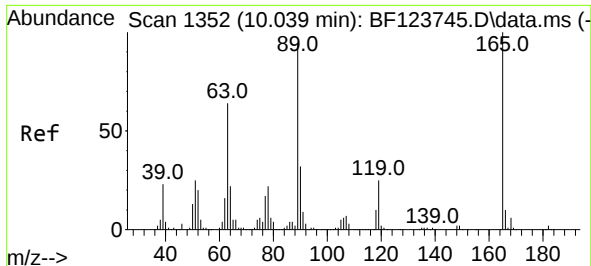
Tgt Ion:168 Resp: 167579
Ion Ratio Lower Upper
168 100
139 37.0 33.2 49.8
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 3.19 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:139 Resp: 16098
Ion Ratio Lower Upper
139 100
109 84.7 63.2 103.2
65 136.2 110.0 150.0

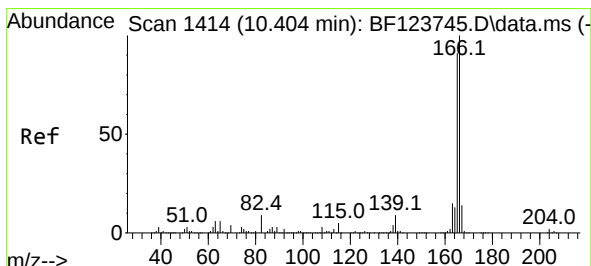
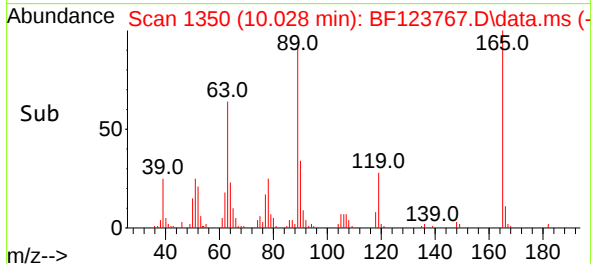
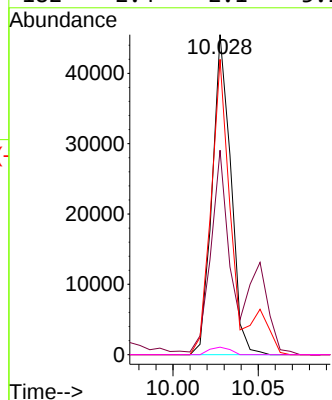
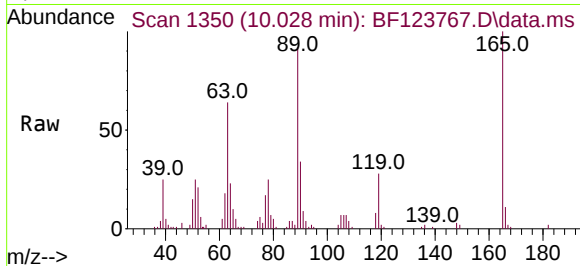




#57
2,4-Dinitrotoluene
Concen: 4.40 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

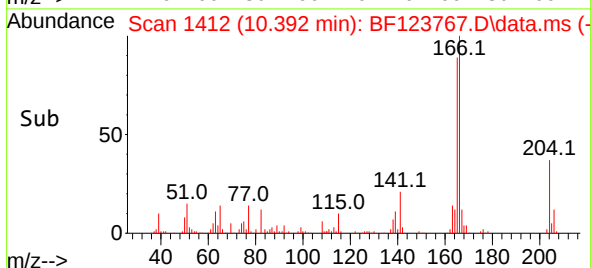
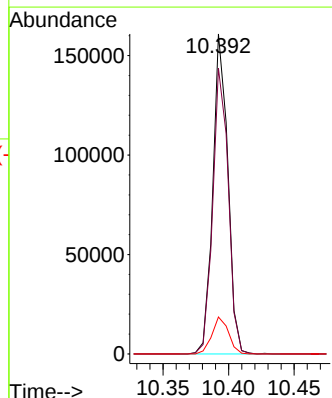
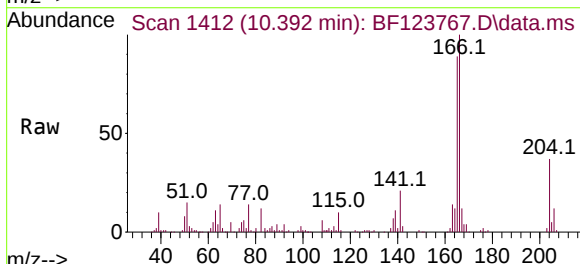
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

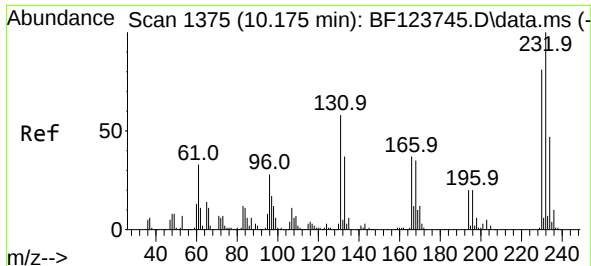
Tgt Ion:165	Resp:	34779
Ion Ratio	Lower	Upper
165	100	
63	63.9	43.5 65.3
89	92.3	67.7 101.5
182	2.4	2.1 3.1



#58
Fluorene
Concen: 5.10 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:166	Resp:	128217
Ion Ratio	Lower	Upper
166	100	
165	89.3	73.5 110.3
167	11.6	10.7 16.1

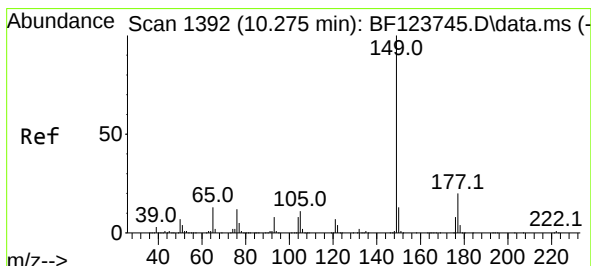
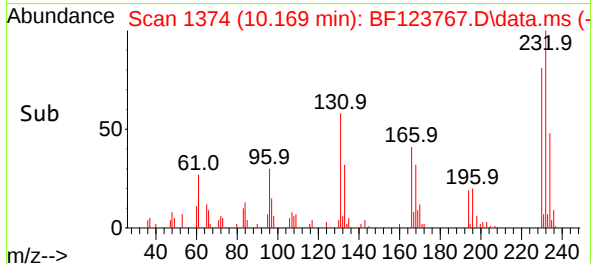
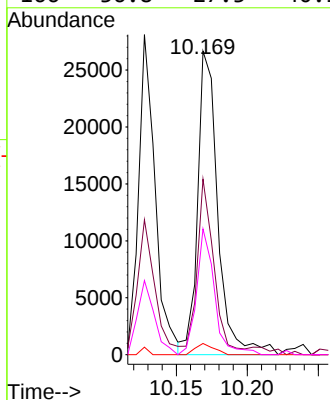
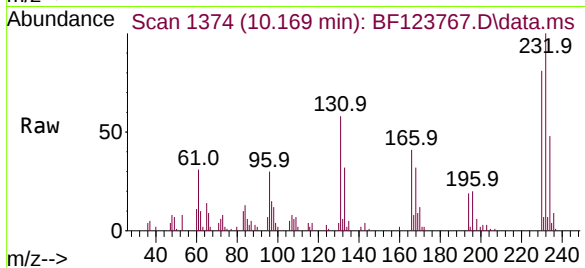




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.30 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

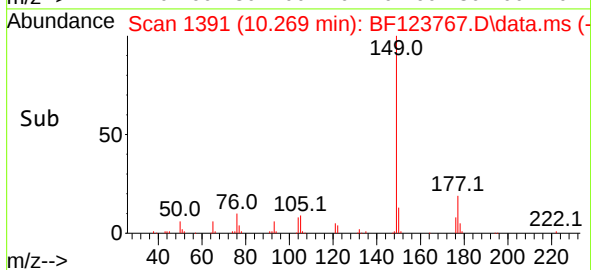
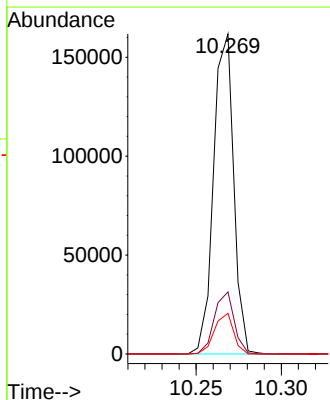
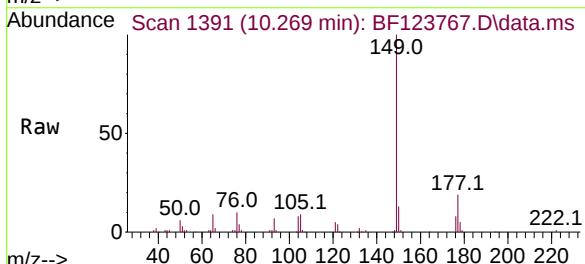
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

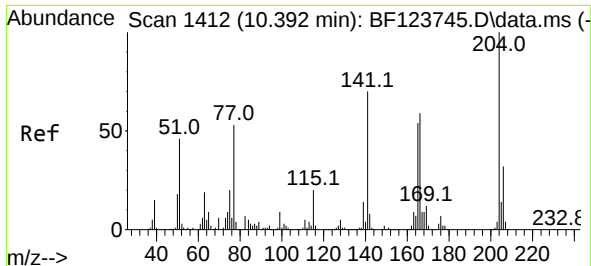
Tgt Ion:	232	Resp:	26364
Ion Ratio	Lower	Upper	
232	100		
131	44.4	43.2	64.8
130	3.4	2.2	3.2#
166	36.8	27.3	40.9



#60
Diethylphthalate
Concen: 4.98 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:	149	Resp:	133045
Ion Ratio	Lower	Upper	
149	100		
177	19.4	15.4	23.2
150	12.7	9.9	14.9

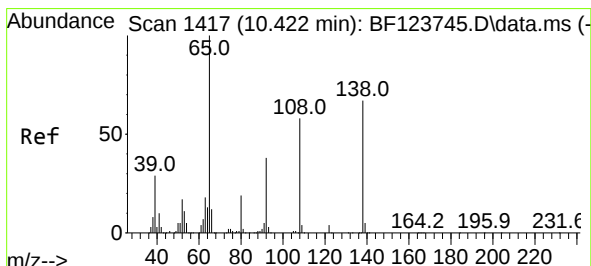
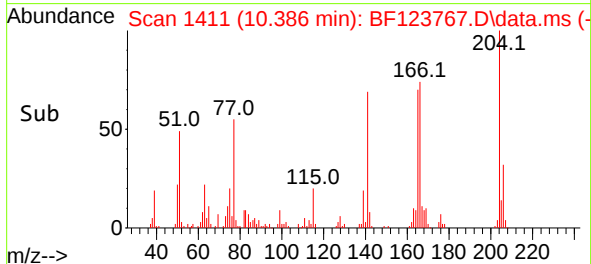
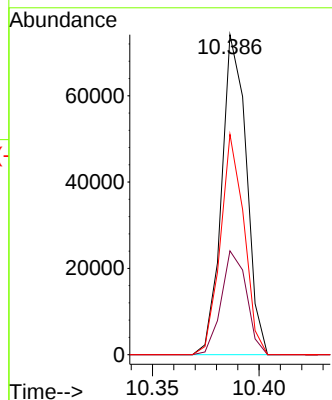
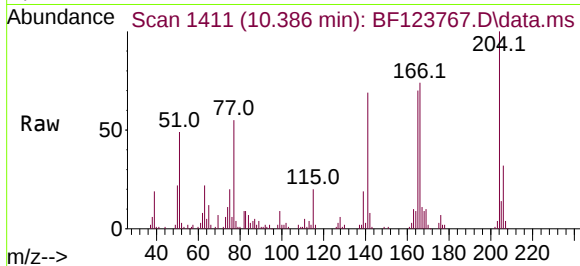




#61
4-Chlorophenyl-phenylether
Concen: 5.10 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

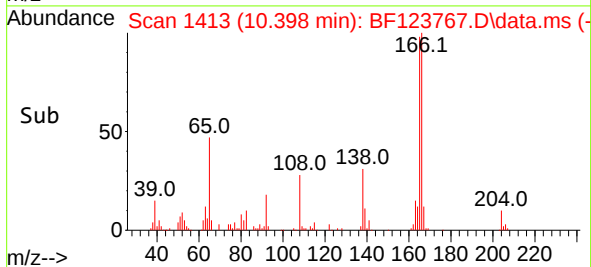
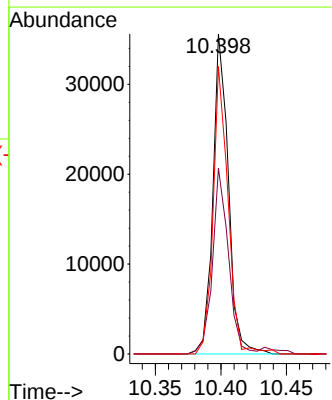
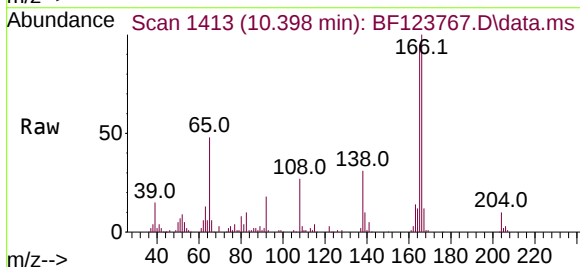
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT1-2021

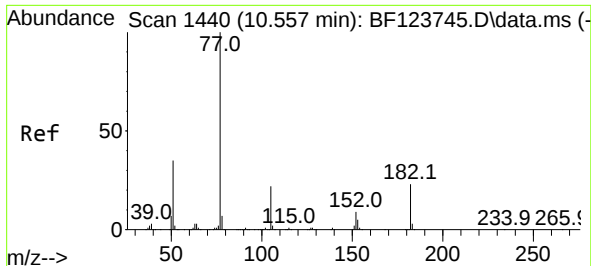
Tgt Ion:204 Resp: 59771
Ion Ratio Lower Upper
204 100
206 32.4 25.7 38.5
141 68.9 55.5 83.3



#62
4-Nitroaniline
Concen: 4.26 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.024 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:138 Resp: 29196
Ion Ratio Lower Upper
138 100
92 58.1 35.8 75.8
108 89.8 63.6 103.6

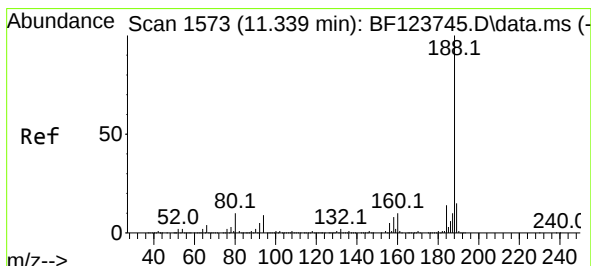
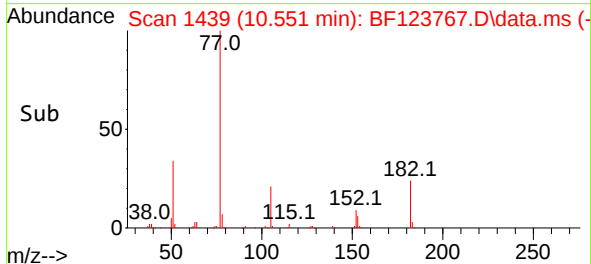
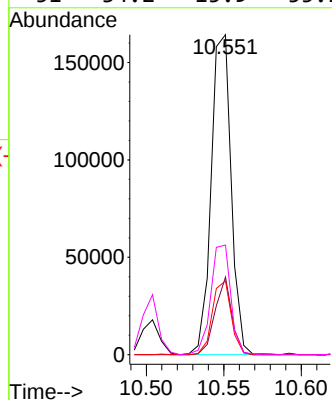
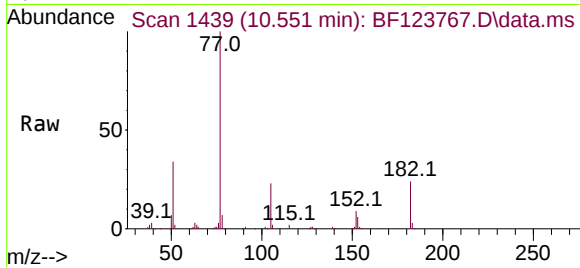




#63
Azobenzene
Concen: 4.81 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

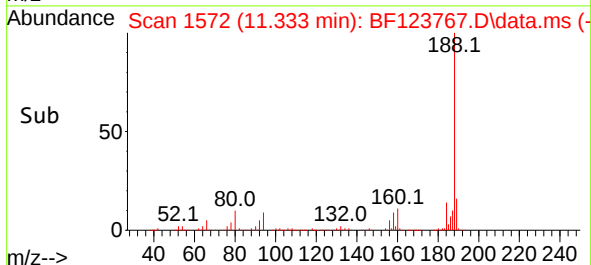
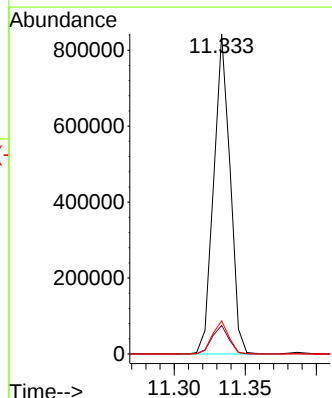
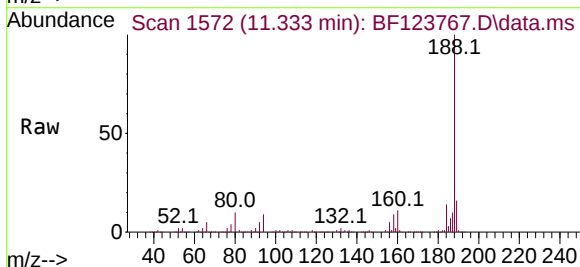
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

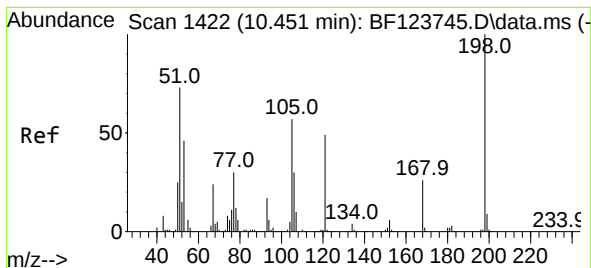
Tgt Ion: 77	Resp: 147607
Ion Ratio	Lower Upper
77 100	
182 24.2	1.7 41.7
105 23.0	1.7 41.7
51 34.2	15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion: 188	Resp: 676496
Ion Ratio	Lower Upper
188 100	
94 8.9	6.9 10.3
80 10.4	8.2 12.2

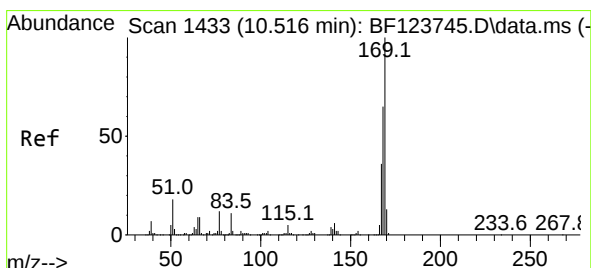
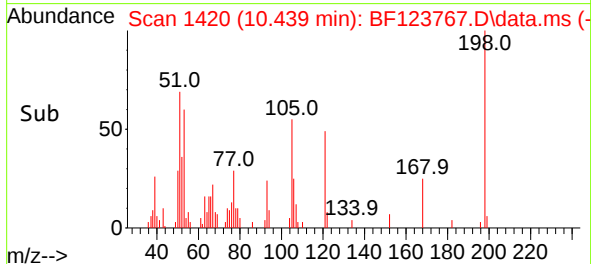
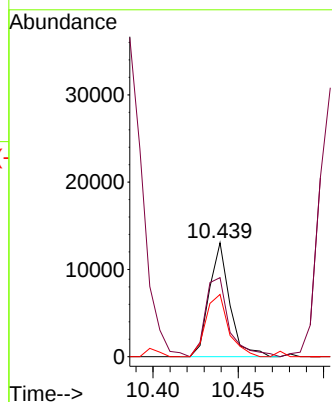
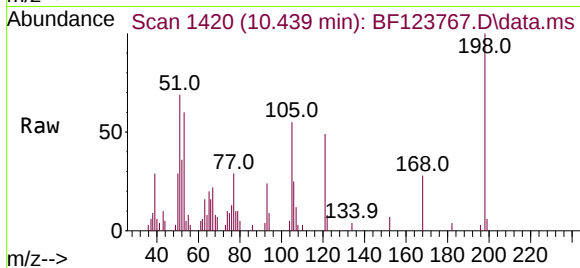




#65
4,6-Dinitro-2-methylphenol
Concen: 2.60 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

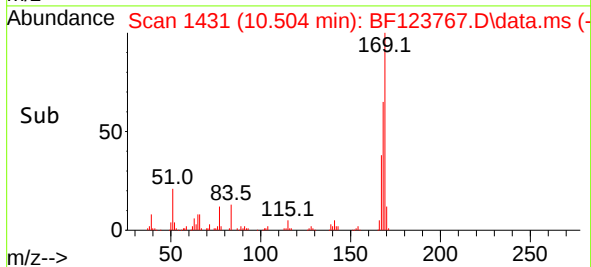
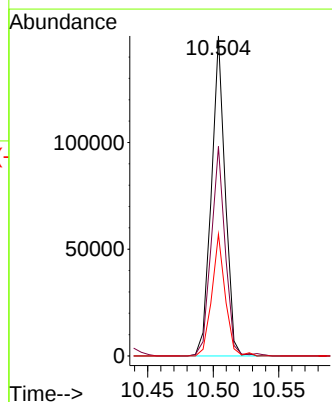
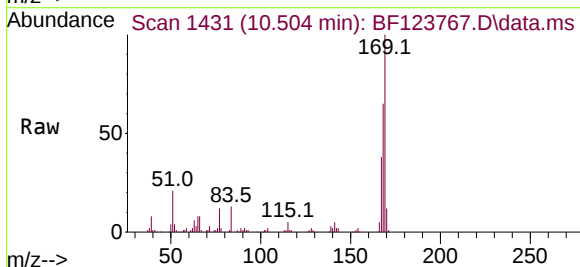
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

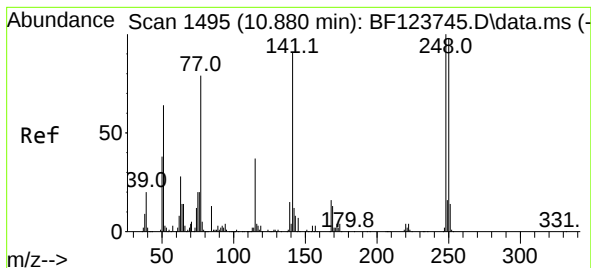
Tgt Ion:198 Resp: 10883
Ion Ratio Lower Upper
198 100
51 69.4 64.8 104.8
105 54.6 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 4.96 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:169 Resp: 109816
Ion Ratio Lower Upper
169 100
168 65.4 53.3 79.9
167 38.1 29.9 44.9

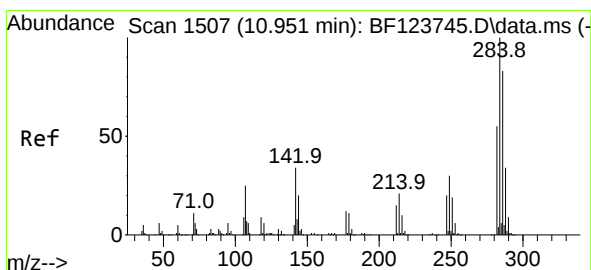
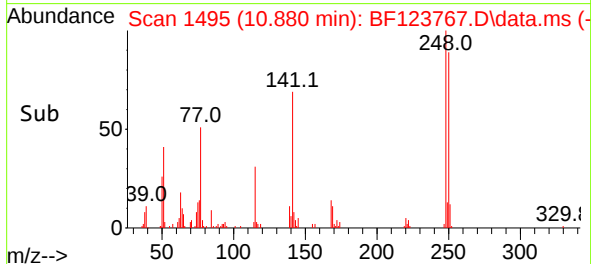
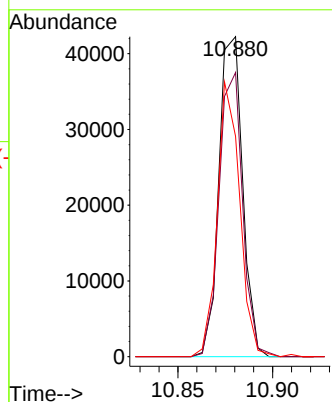
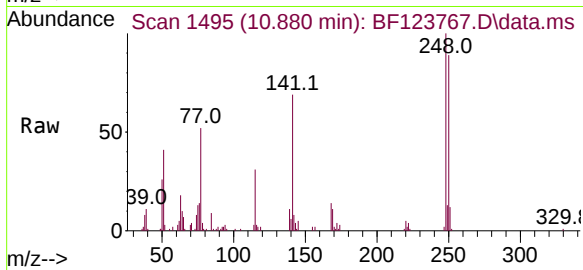




#67
4-Bromophenyl-phenylether
Concen: 5.18 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

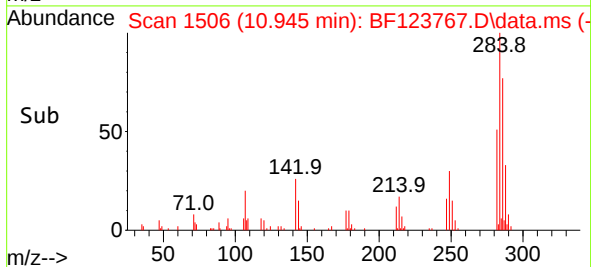
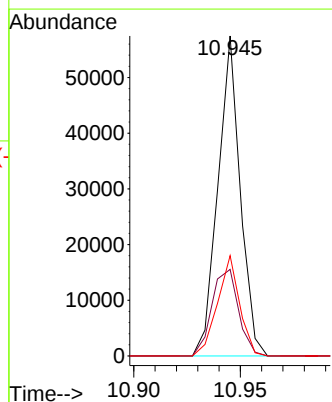
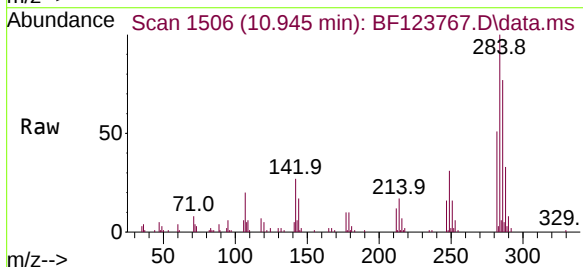
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

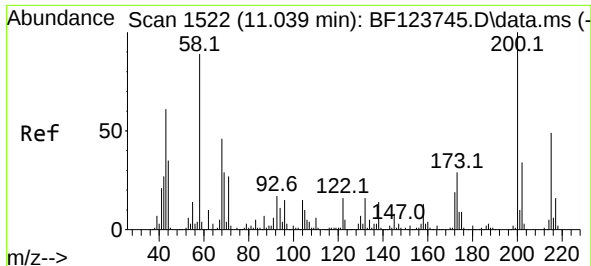
Tgt Ion:248 Resp: 36885
Ion Ratio Lower Upper
248 100
250 88.8 77.4 116.2
141 68.9 63.7 95.5



#68
Hexachlorobenzene
Concen: 5.15 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:284 Resp: 41757
Ion Ratio Lower Upper
284 100
142 27.1 28.3 42.5#
249 31.3 23.5 35.3

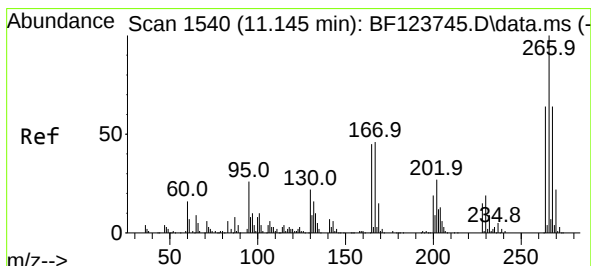
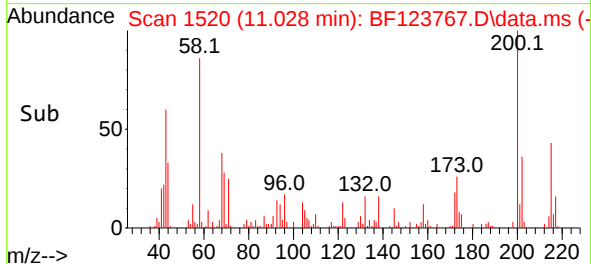
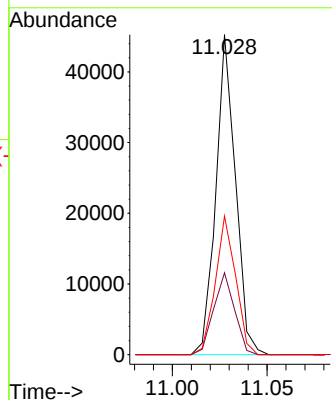
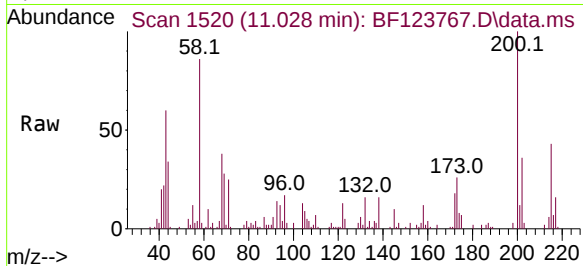




#69
Atrazine
Concen: 4.87 ng
RT: 11.028 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

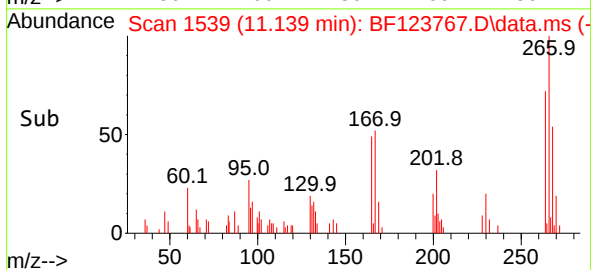
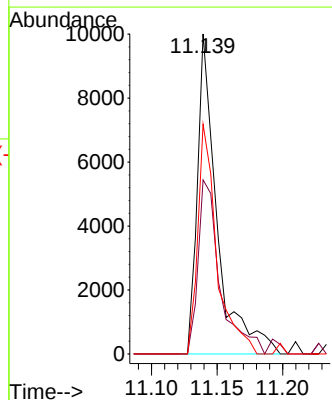
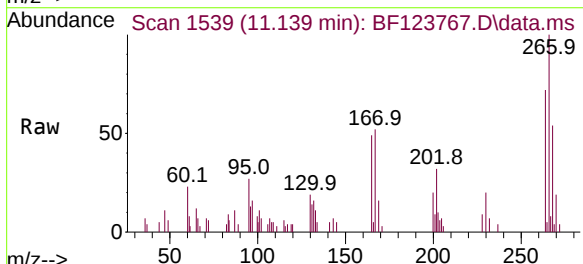
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

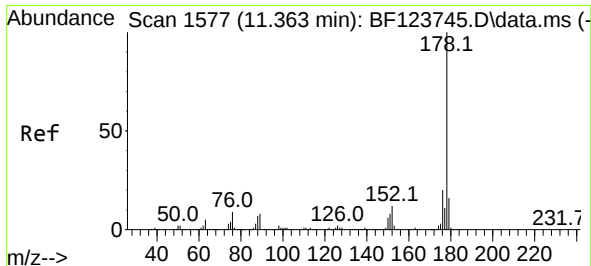
Tgt Ion:200	Resp:	32608
Ion Ratio	Lower	Upper
200	100	
173	25.6	6.9 46.9
215	43.3	26.5 66.5



#70
Pentachlorophenol
Concen: 2.55 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:266	Resp:	10520
Ion Ratio	Lower	Upper
266	100	
268	54.4	51.6 77.4
264	76.6	52.6 78.8

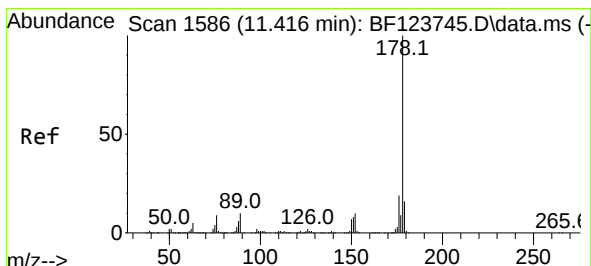
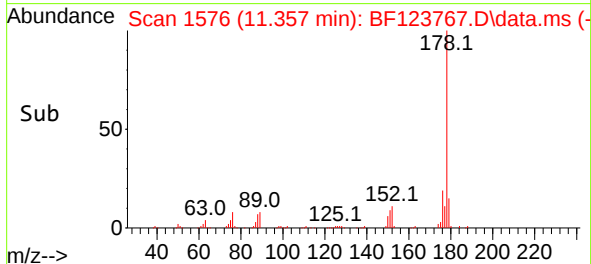
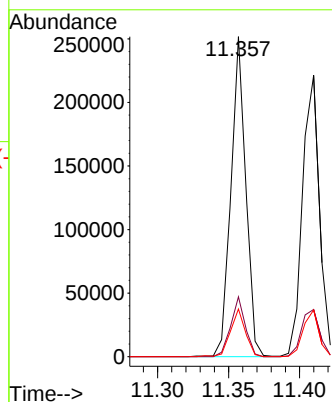
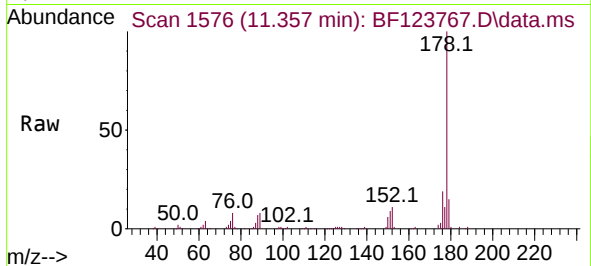




#71
Phenanthrene
Concen: 5.16 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

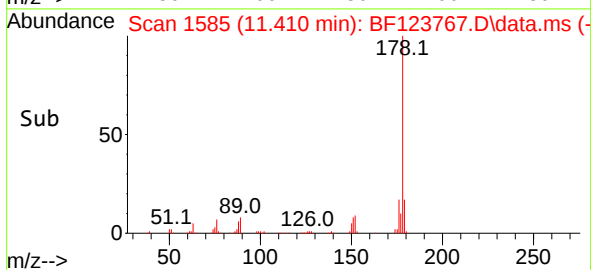
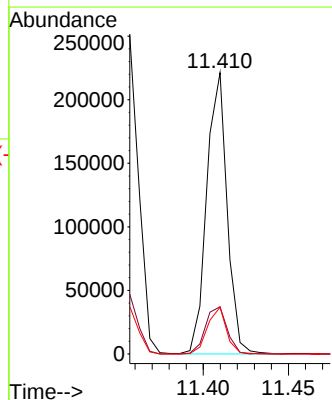
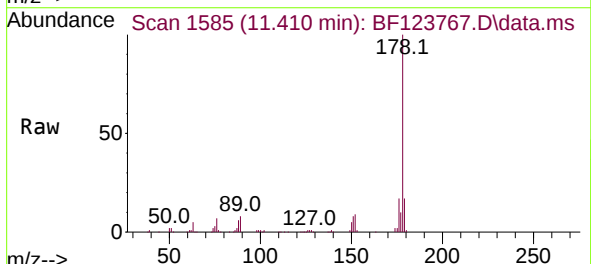
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

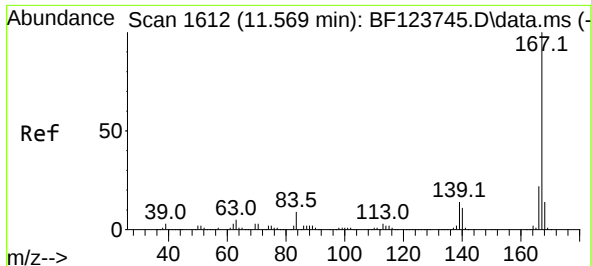
Tgt Ion:178 Resp: 182972
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 14.9 12.5 18.7



#72
Anthracene
Concen: 5.22 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:178 Resp: 184252
Ion Ratio Lower Upper
178 100
176 16.8 15.4 23.0
179 16.6 12.6 18.8

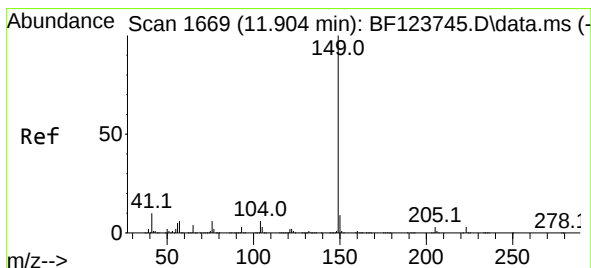
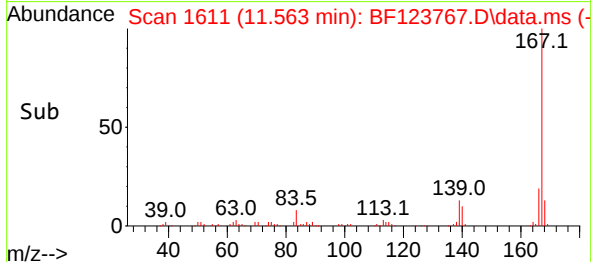
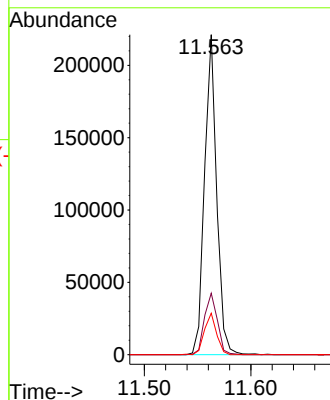
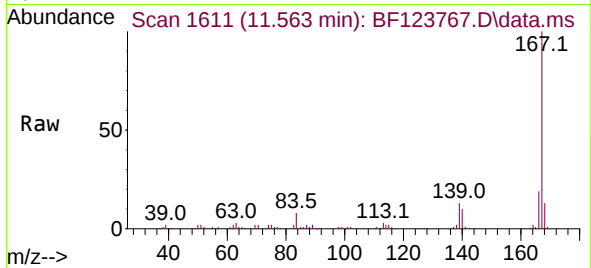




#73
 Carbazole
 Concen: 4.92 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF123767.D
 Acq: 30 Apr 2021 10:32

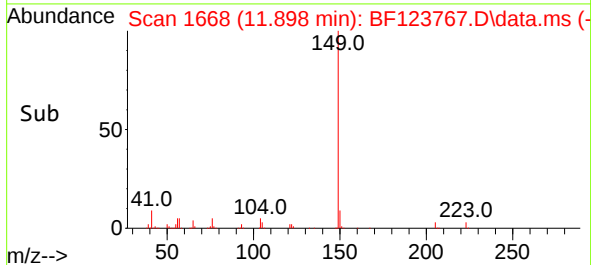
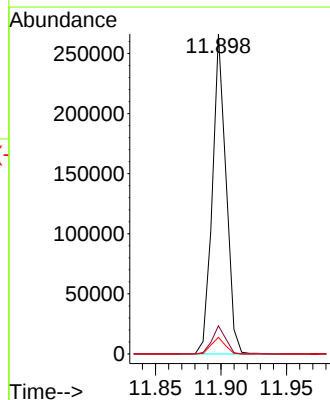
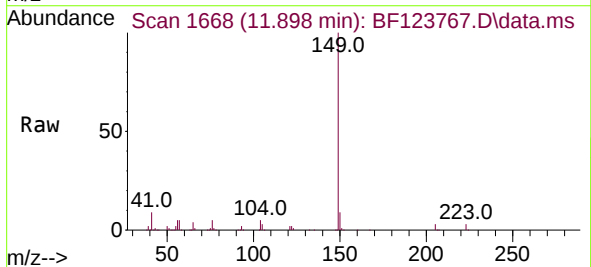
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

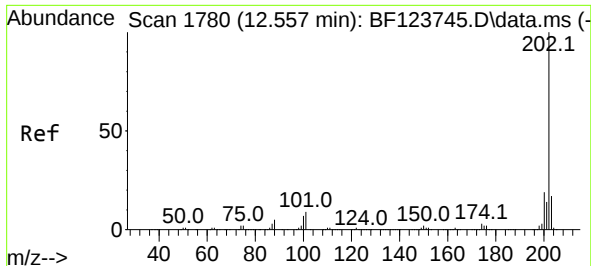
Tgt Ion:167 Resp: 175265
 Ion Ratio Lower Upper
 167 100
 166 19.2 17.0 25.6
 139 12.9 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 4.83 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF123767.D
 Acq: 30 Apr 2021 10:32

Tgt Ion:149 Resp: 193394
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.8 11.8
 104 5.2 4.6 6.8

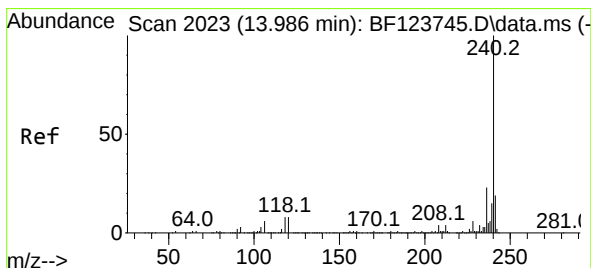
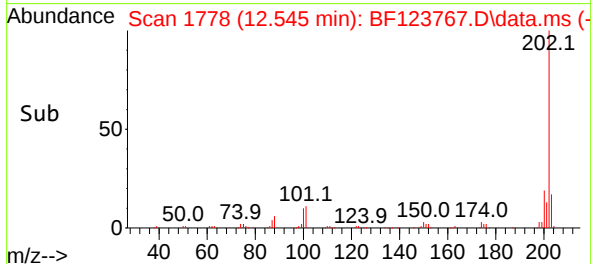
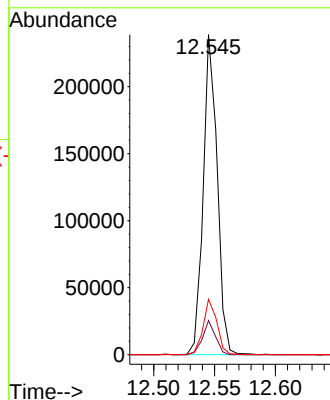
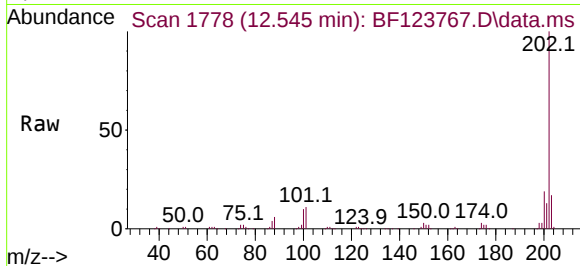




#75
Fluoranthene
Concen: 4.93 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

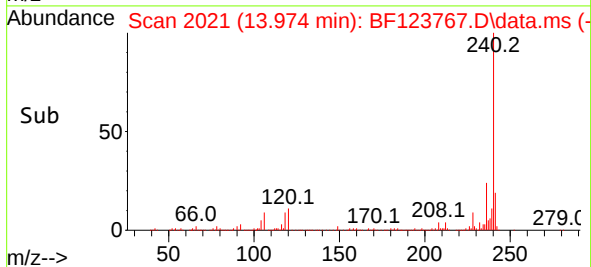
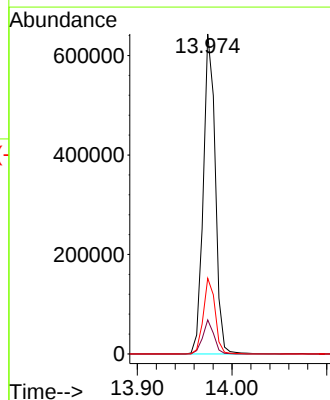
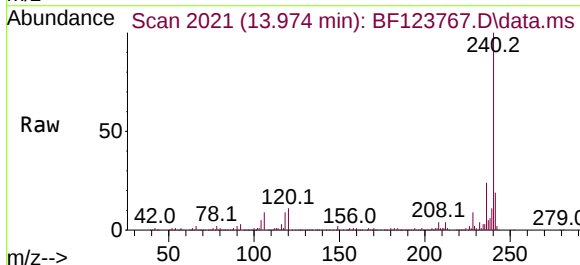
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

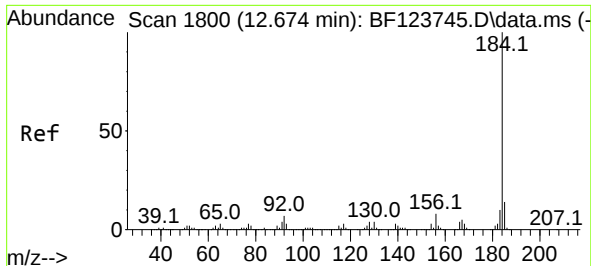
Tgt Ion:202 Resp: 190928
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.9
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:240 Resp: 563253
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 23.6 19.0 28.4

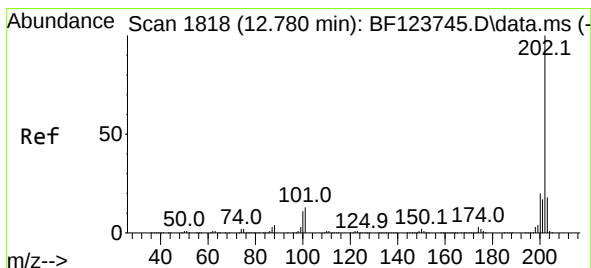
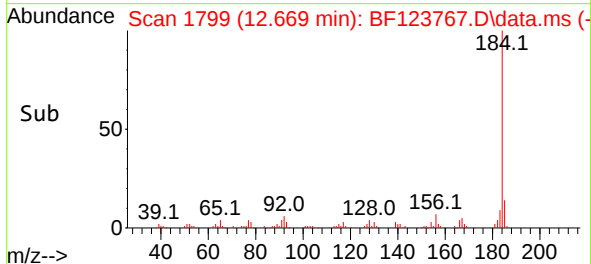
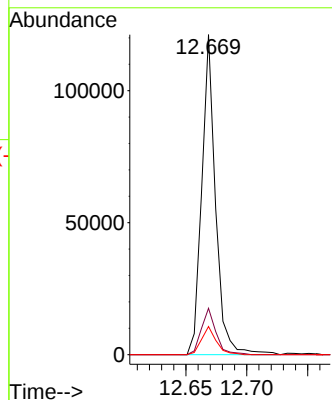
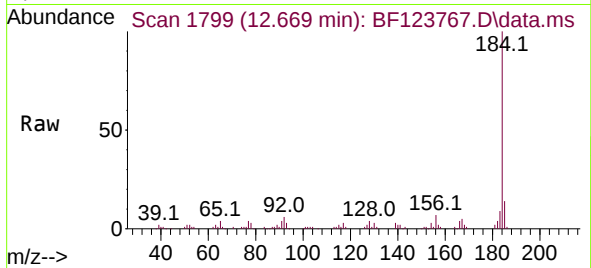




#77
Benzidine
Concen: 6.54 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

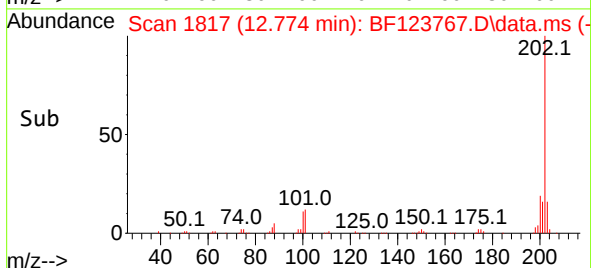
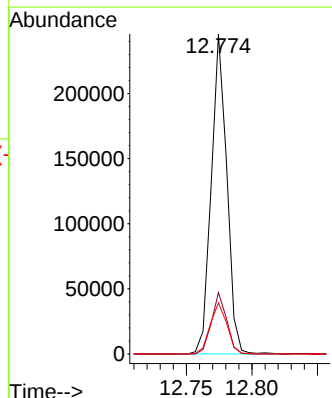
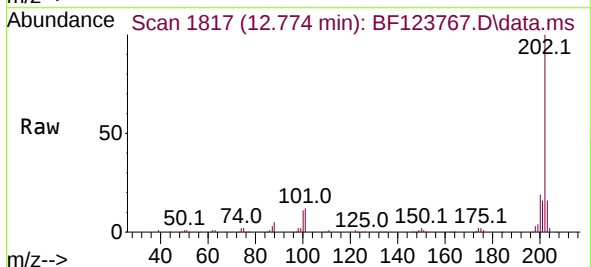
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

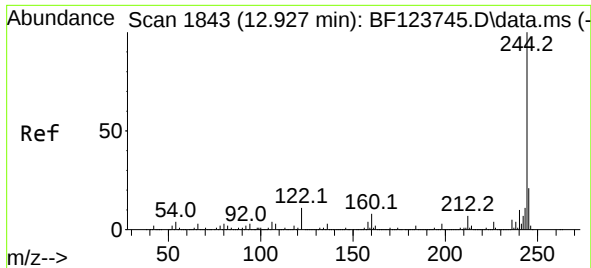
Tgt Ion:184 Resp: 95370
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 8.8 7.8 11.8



#78
Pyrene
Concen: 4.63 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:202 Resp: 202502
Ion Ratio Lower Upper
202 100
200 19.2 16.1 24.1
203 16.0 14.8 22.2

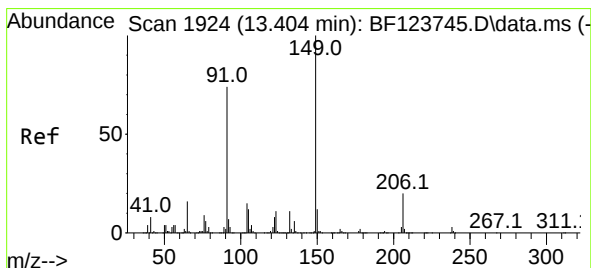
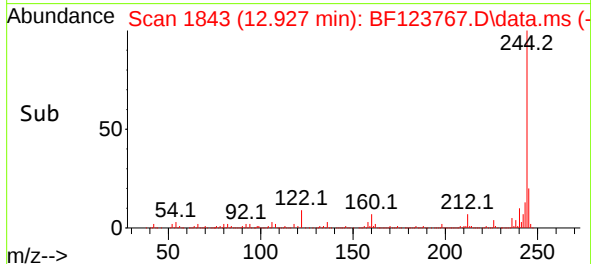
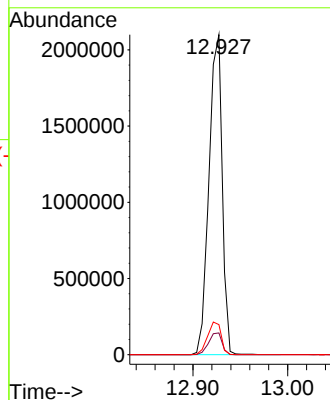
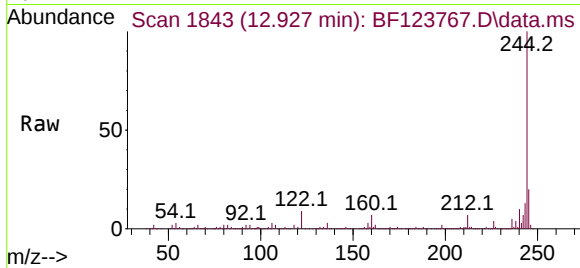




#79
 Terphenyl-d14
 Concen: 69.48 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123767.D
 Acq: 30 Apr 2021 10:32

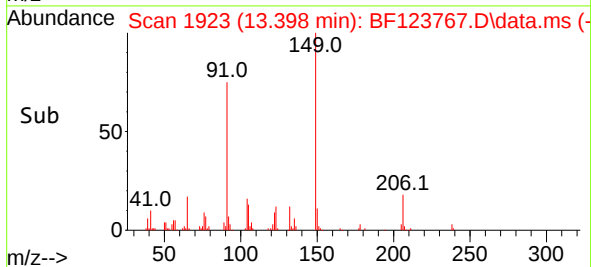
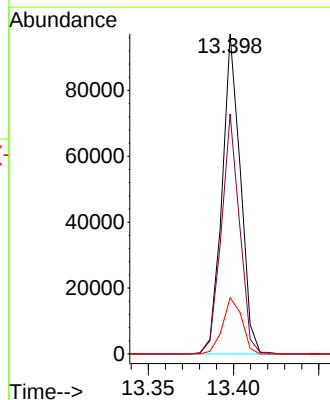
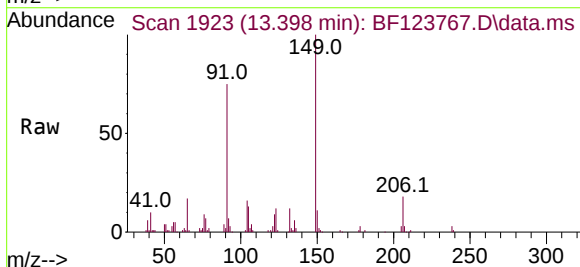
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

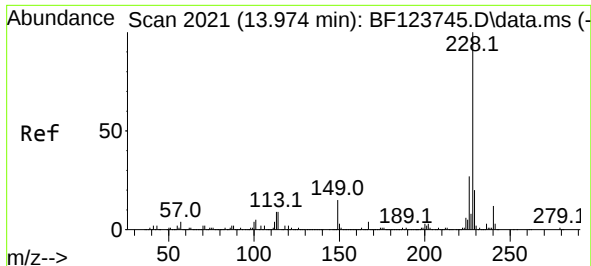
Tgt Ion:244 Resp: 2032360
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.4 9.7 14.5#



#80
 Butylbenzylphthalate
 Concen: 3.89 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF123767.D
 Acq: 30 Apr 2021 10:32

Tgt Ion:149 Resp: 72709
 Ion Ratio Lower Upper
 149 100
 91 75.0 63.6 95.4
 206 17.5 14.5 21.7

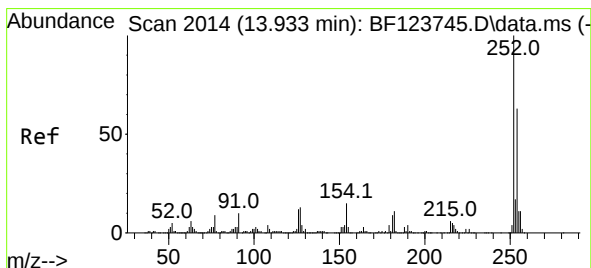
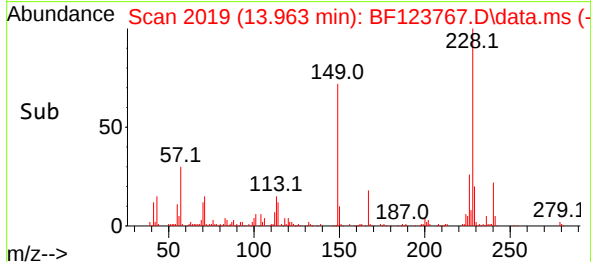
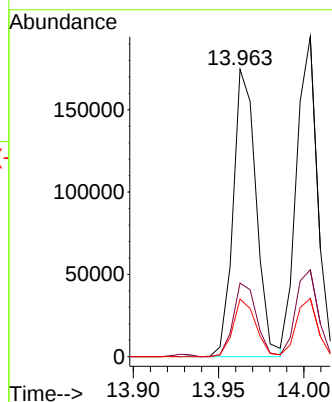
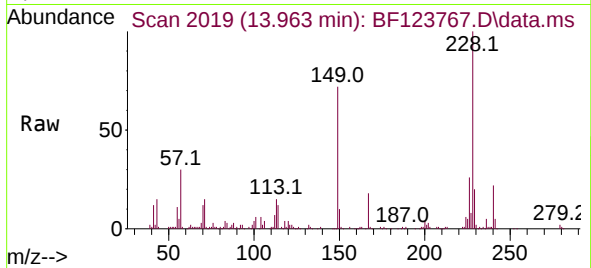




#81
Benzo(a)anthracene
Concen: 4.79 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

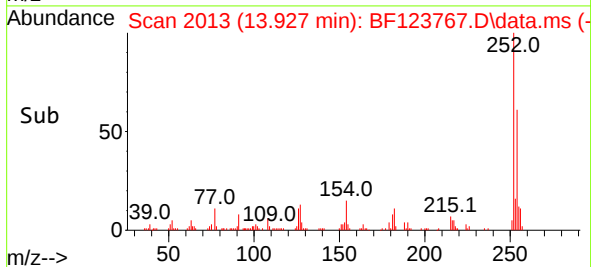
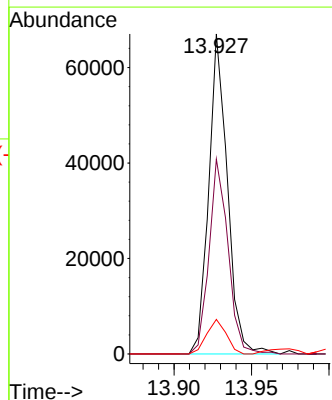
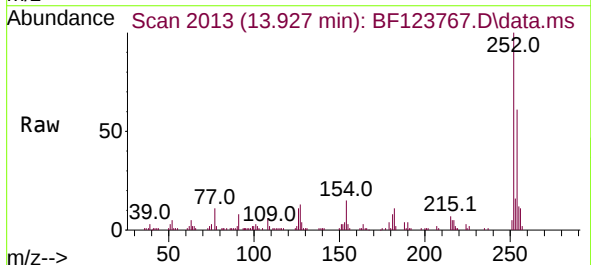
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

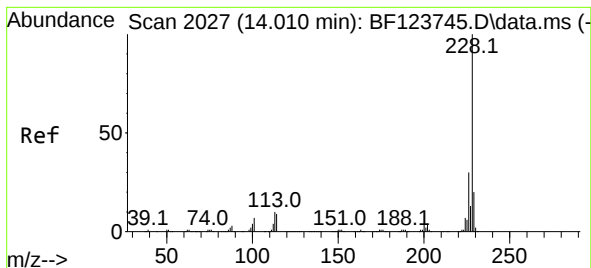
Tgt Ion:228 Resp: 163328
Ion Ratio Lower Upper
228 100
226 25.6 22.4 33.6
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 5.35 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:252 Resp: 56045
Ion Ratio Lower Upper
252 100
254 60.9 51.1 76.7
126 10.8 7.7 11.5





#83

Chrysene

Concen: 4.88 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

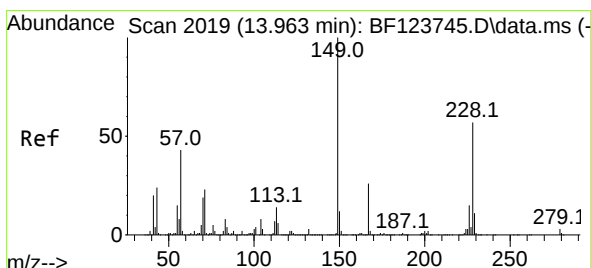
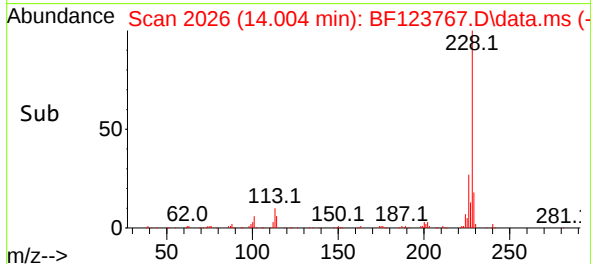
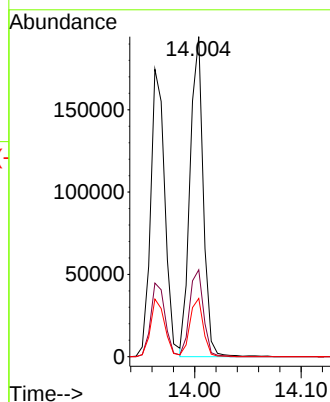
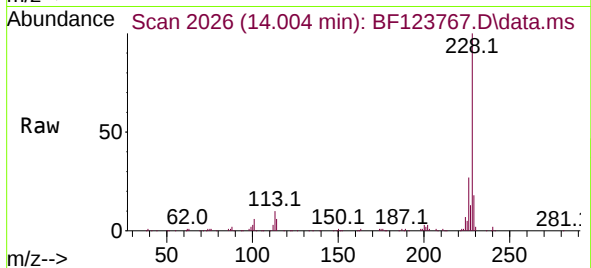
Tgt Ion:228 Resp: 167589

Ion Ratio Lower Upper

228 100

226 27.2 24.3 36.5

229 18.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.37 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

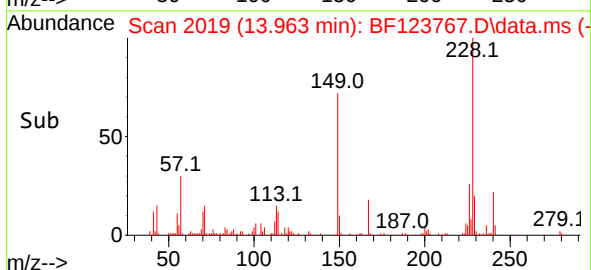
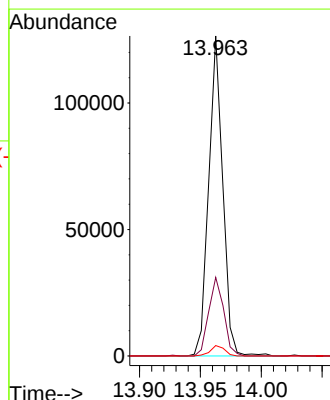
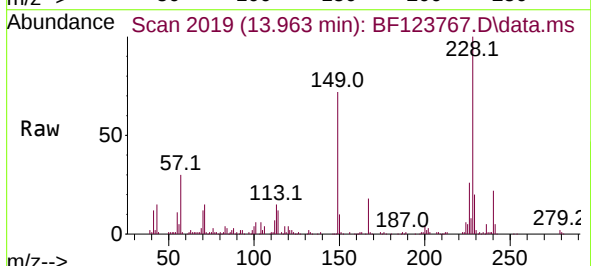
Tgt Ion:149 Resp: 101382

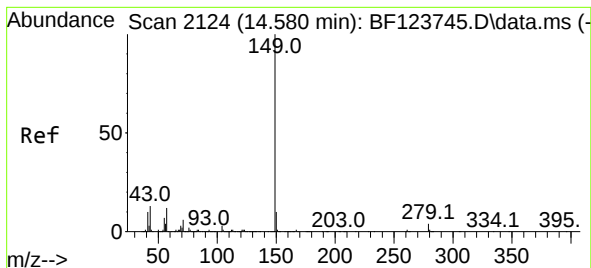
Ion Ratio Lower Upper

149 100

167 24.6 21.8 32.6

279 3.3 3.3 4.9#

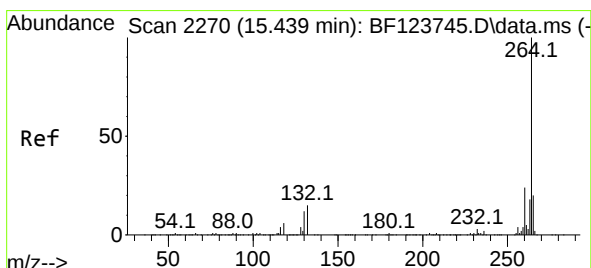
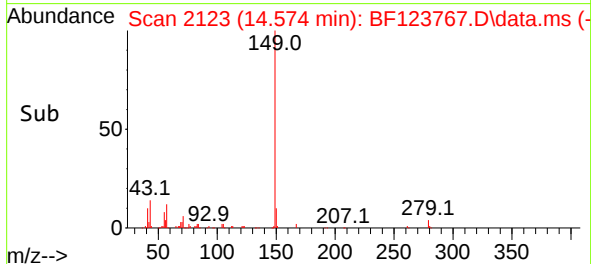
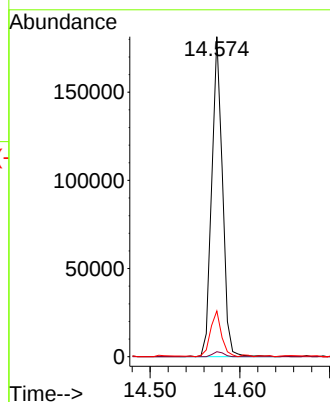
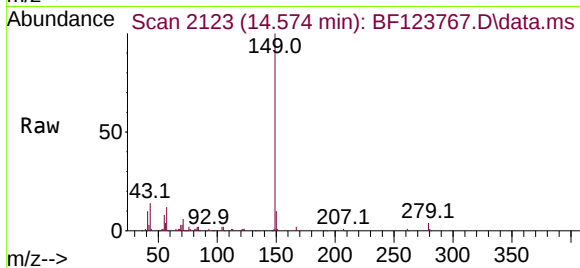




#85
Di-n-octyl phthalate
Concen: 4.05 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

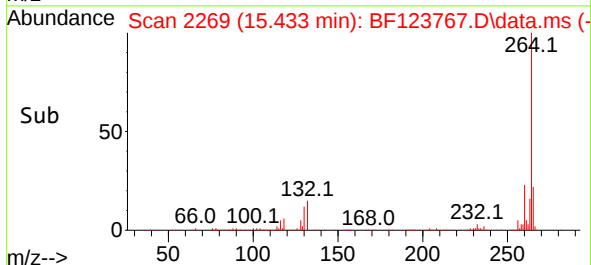
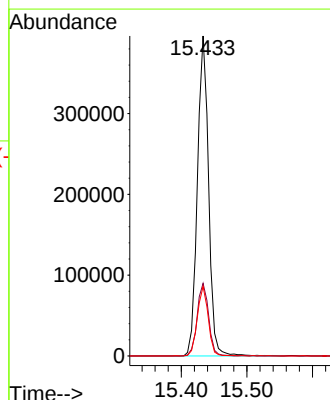
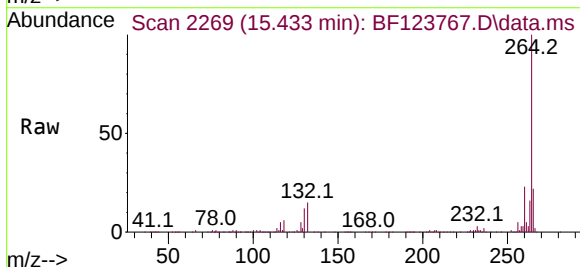
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

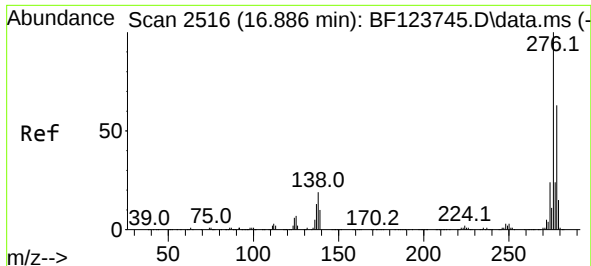
Tgt Ion:149 Resp: 150338
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.7 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:264 Resp: 470148
Ion Ratio Lower Upper
264 100
260 22.7 18.7 28.1
265 21.7 17.8 26.8

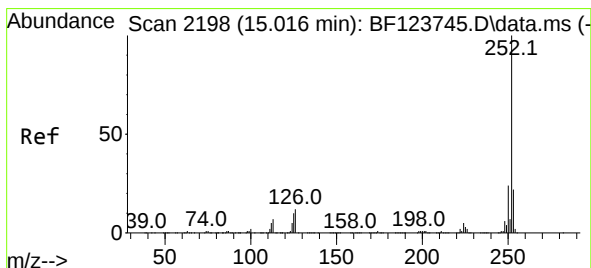
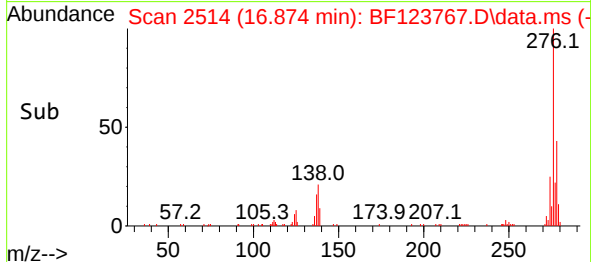
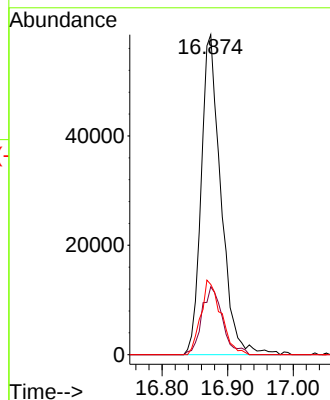
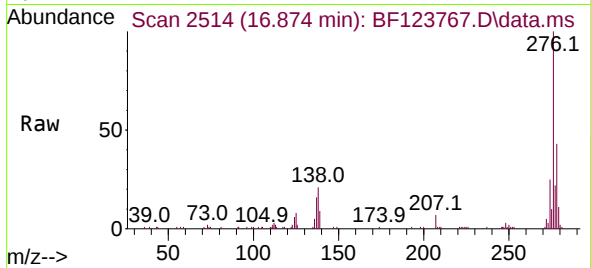




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.47 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

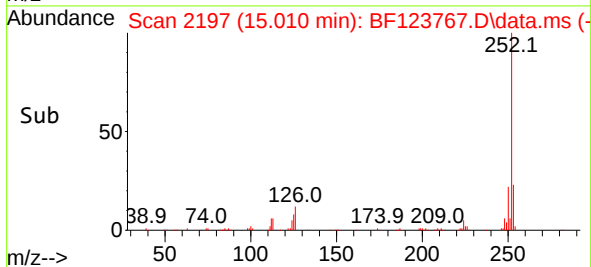
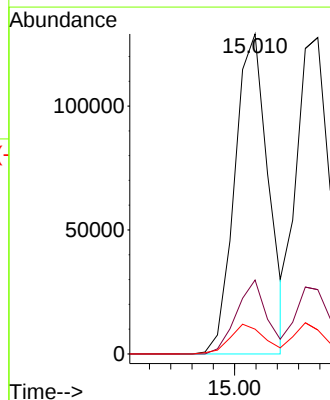
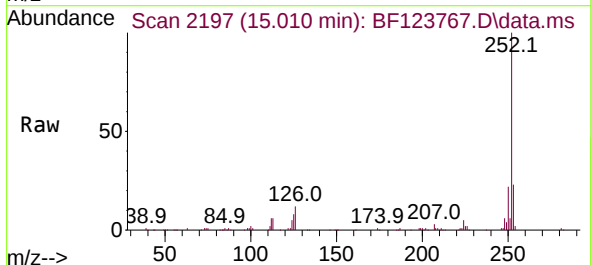
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

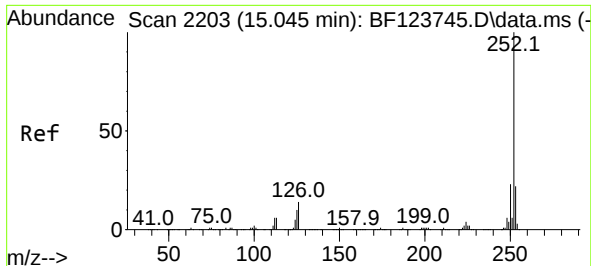
Tgt Ion:276 Resp: 122491
Ion Ratio Lower Upper
276 100
138 22.2 16.2 24.2
277 23.8 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 4.46 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:252 Resp: 141383
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 7.7 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 4.66 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

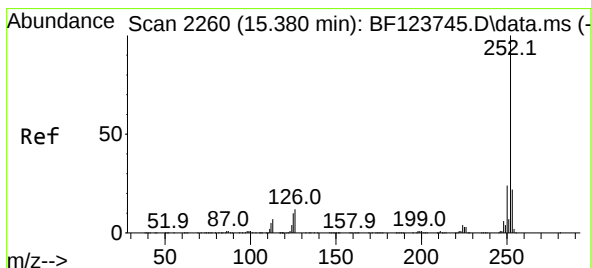
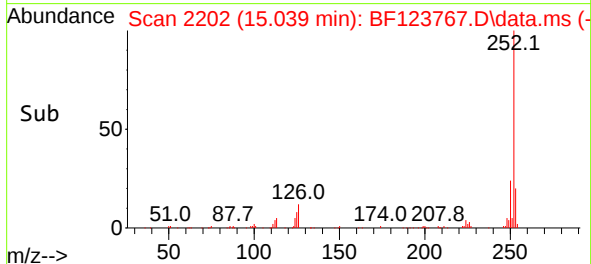
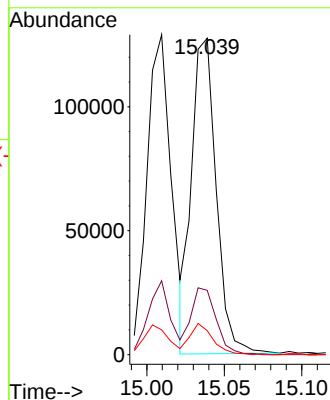
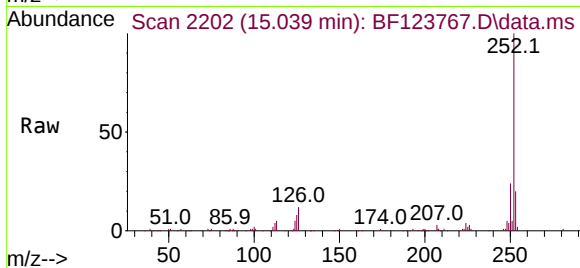
Tgt Ion:252 Resp: 140760

Ion Ratio Lower Upper

252 100

253 20.3 17.9 26.9

125 7.6 7.0 10.6



#90

Benzo(a)pyrene

Concen: 4.75 ng

RT: 15.368 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF123767.D

Acq: 30 Apr 2021 10:32

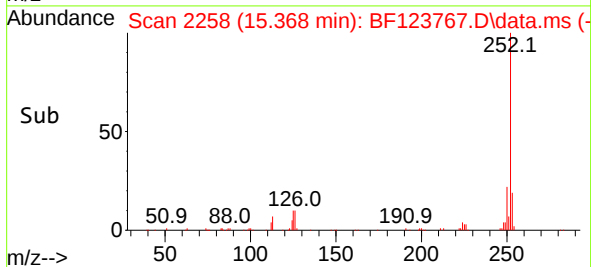
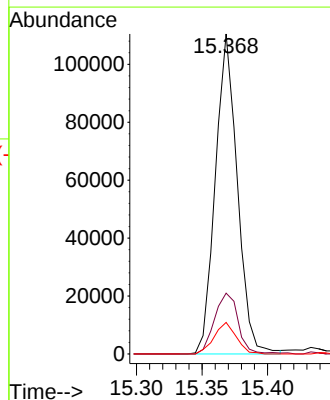
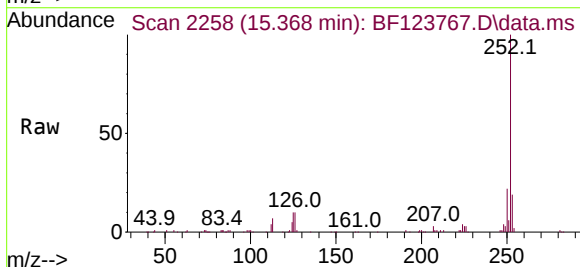
Tgt Ion:252 Resp: 128738

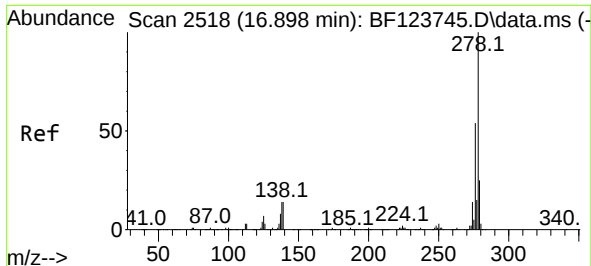
Ion Ratio Lower Upper

252 100

253 19.0 18.4 27.6

125 9.9 8.0 12.0

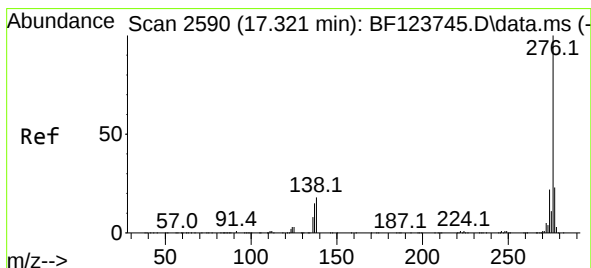
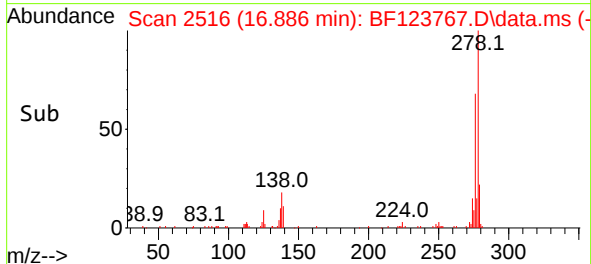
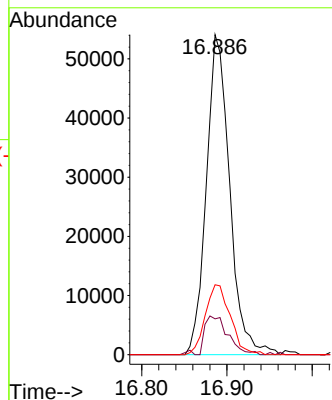
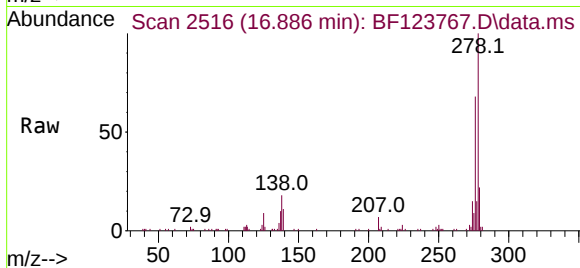




#91
Dibenzo(a,h)anthracene
Concen: 4.45 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:278 Resp: 102890
Ion Ratio Lower Upper
278 100
139 11.2 10.2 15.2
279 21.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 4.34 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BF123767.D
Acq: 30 Apr 2021 10:32

Tgt Ion:276 Resp: 100575
Ion Ratio Lower Upper
276 100
277 21.8 18.2 27.2
138 16.0 13.8 20.6

