

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
 Data File : BF123768.D
 Acq On : 30 Apr 2021 11:17
 Operator : JU/CG
 Sample : M1458-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 30 11:41:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	211738	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	757026	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	374270	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	720957	20.00	ng	0.00
76) Chrysene-d12	13.974	240	588948	20.00	ng	-0.01
86) Perylene-d12	15.433	264	483430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1637714	122.54	ng	0.00
7) Phenol-d6	6.445	99	2236727	121.49	ng	0.00
23) Nitrobenzene-d5	7.375	82	1469970	87.66	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	594798	127.66	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2228557	86.71	ng	0.00
79) Terphenyl-d14	12.927	244	2509853	82.06	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	55299	7.68	ng	97
3) Pyridine	3.287	79	113886	6.47	ng	93
4) n-Nitrosodimethylamine	3.175	42	77695	8.02	ng	# 95
6) Aniline	6.469	93	201240	9.45	ng	99
8) 2-Chlorophenol	6.592	128	120180	8.36	ng	95
9) Benzaldehyde	6.357	77	118571	13.31	ng	99
10) Phenol	6.457	94	166587	8.42	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	125596	8.70	ng	92
12) 1,3-Dichlorobenzene	6.745	146	124516	8.57	ng	98
13) 1,4-Dichlorobenzene	6.828	146	127121	8.65	ng	96
14) 1,2-Dichlorobenzene	6.981	146	118785	8.32	ng	98
15) Benzyl Alcohol	6.945	79	131189	9.09	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.086	45	273774	8.91	ng	98
17) 2-Methylphenol	7.057	107	103404	8.44	ng	98
18) Hexachloroethane	7.322	117	50566	8.69	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	95085	8.36	ng	96
20) 3+4-Methylphenols	7.216	107	130437	8.37	ng	# 78
22) Acetophenone	7.210	105	191517	9.31	ng	96
24) Nitrobenzene	7.386	77	145871	8.35	ng	95
25) Isophorone	7.622	82	249285	7.93	ng	100
26) 2-Nitrophenol	7.704	139	58250	8.17	ng	96
27) 2,4-Dimethylphenol	7.745	122	109949	9.82	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	149941	9.36	ng	100
29) 2,4-Dichlorophenol	7.951	162	93541	8.48	ng	91
30) 1,2,4-Trichlorobenzene	8.033	180	99189	8.58	ng	97
31) Naphthalene	8.116	128	346573	8.89	ng	99
32) Benzoic acid	7.828	122	20769	7.79	ng	92
33) 4-Chloroaniline	8.163	127	144727	8.90	ng	93
34) Hexachlorobutadiene	8.233	225	60956	8.65	ng	93
35) Caprolactam	8.492	113	29782	7.69	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	113595	8.25	ng	97
37) 2-Methylnaphthalene	8.804	142	227556	8.96	ng	97
38) 1-Methylnaphthalene	8.904	142	213054	8.92	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	100183	9.10	ng	96
41) Hexachlorocyclopentadiene	8.963	237	29578	8.81	ng	94
43) 2,4,6-Trichlorophenol	9.080	196	62215	8.20	ng	94

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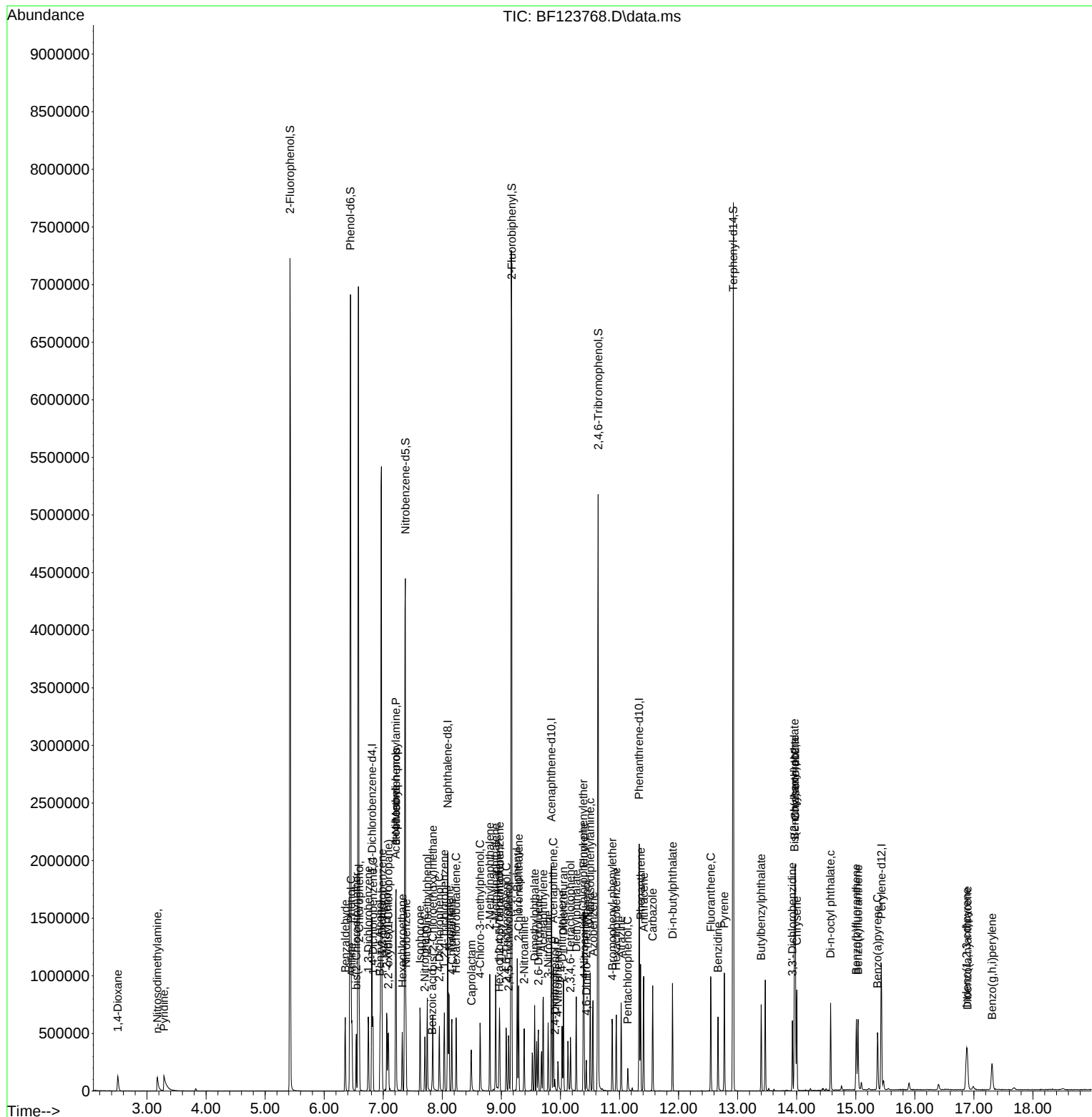
Instrument :
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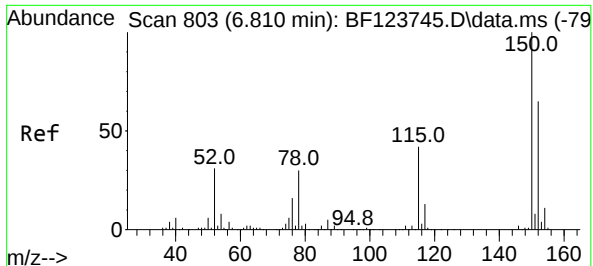
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	62222	7.64	ng	97
46) 1,1'-Biphenyl	9.269	154	292548	9.54	ng	99
47) 2-Chloronaphthalene	9.292	162	206738	8.94	ng	98
48) 2-Nitroaniline	9.386	65	82311	8.08	ng	99
49) Acenaphthylene	9.710	152	345084	9.25	ng	96
50) Dimethylphthalate	9.563	163	232577	8.82	ng	99
51) 2,6-Dinitrotoluene	9.627	165	48318	7.93	ng	89
52) Acenaphthene	9.880	154	209816	9.23	ng	98
53) 3-Nitroaniline	9.792	138	58655	8.06	ng	89
54) 2,4-Dinitrophenol	9.904	184	11189	3.46	ng	89
55) Dibenzofuran	10.051	168	310634	9.03	ng	95
56) 4-Nitrophenol	9.957	139	37711	7.11	ng	93
57) 2,4-Dinitrotoluene	10.027	165	68302	8.22	ng #	90
58) Fluorene	10.392	166	238322	9.02	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	50143	7.78	ng	96
60) Diethylphthalate	10.269	149	241293	8.60	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	108694	8.83	ng	99
62) 4-Nitroaniline	10.404	138	57285	7.94	ng	98
63) Azobenzene	10.551	77	273092	8.47	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	25623	5.74	ng	93
66) n-Nitrosodiphenylamine	10.504	169	203963	8.65	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	65865	8.68	ng	94
68) Hexachlorobenzene	10.945	284	76325	8.83	ng	95
69) Atrazine	11.027	200	63458	8.90	ng	94
70) Pentachlorophenol	11.139	266	22308	5.07	ng	88
71) Phenanthrene	11.357	178	331037	8.75	ng	99
72) Anthracene	11.410	178	350680	9.33	ng	97
73) Carbazole	11.563	167	325559	8.57	ng	99
74) Di-n-butylphthalate	11.898	149	371043	8.70	ng #	97
75) Fluoranthene	12.545	202	356811	8.65	ng	99
77) Benzidine	12.668	184	214532	14.07	ng	98
78) Pyrene	12.774	202	374295	8.19	ng	99
80) Butylbenzylphthalate	13.398	149	141451	7.24	ng	99
81) Benzo(a)anthracene	13.968	228	299858	8.40	ng	97
82) 3,3'-Dichlorobenzidine	13.927	252	108380	9.89	ng	99
83) Chrysene	14.004	228	296907	8.27	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	192814	7.95	ng	94
85) Di-n-octyl phthalate	14.574	149	292335	7.54	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	227329	8.07	ng	98
88) Benzo(b)fluoranthene	15.009	252	255307	7.84	ng	98
89) Benzo(k)fluoranthene	15.039	252	264964	8.52	ng	97
90) Benzo(a)pyrene	15.368	252	237048	8.51	ng	97
91) Dibenzo(a,h)anthracene	16.892	278	187943	7.91	ng	96
92) Benzo(g,h,i)perylene	17.309	276	185880	7.81	ng	100

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

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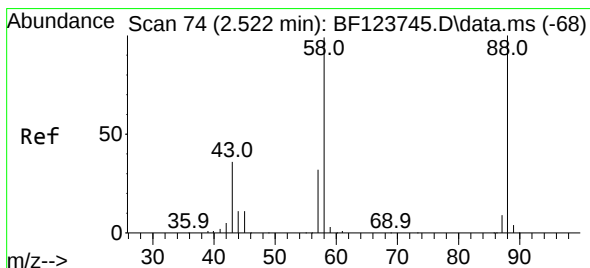
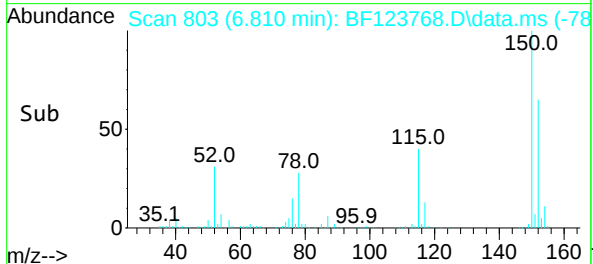
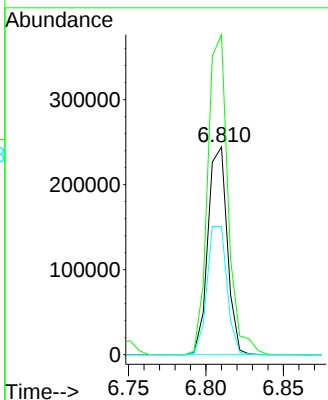
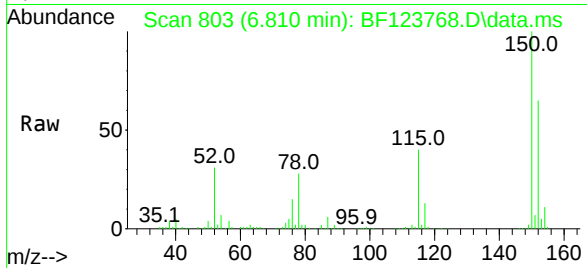




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

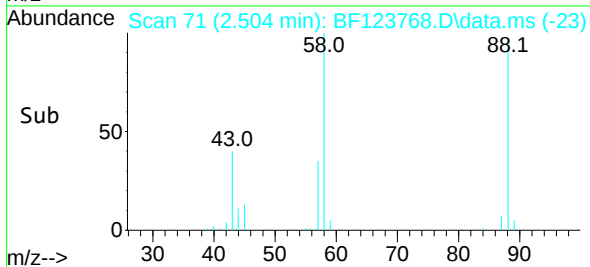
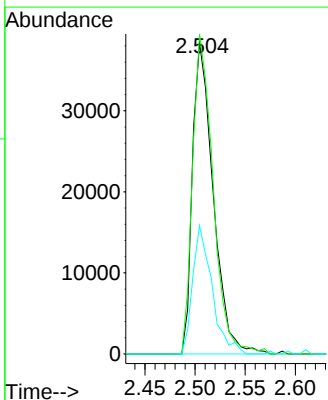
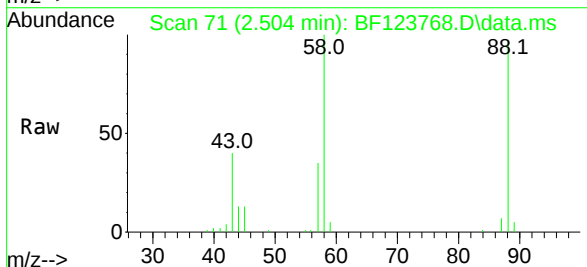
Instrument :
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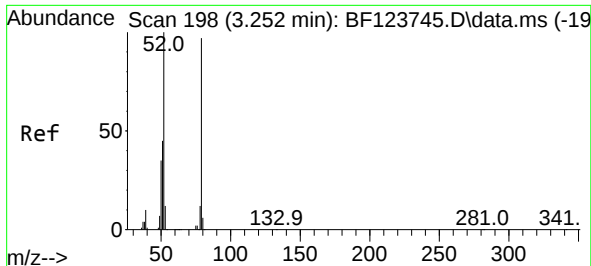
Tgt Ion:152 Resp: 211738
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 61.7 54.3 81.5



#2
1,4-Dioxane
Concen: 7.68 ng
RT: 2.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 88 Resp: 55299
Ion Ratio Lower Upper
88 100
58 101.9 83.8 125.8
43 38.5 32.2 48.4

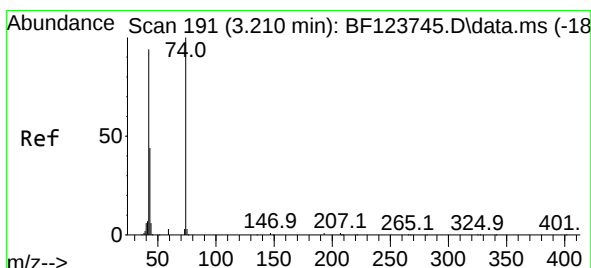
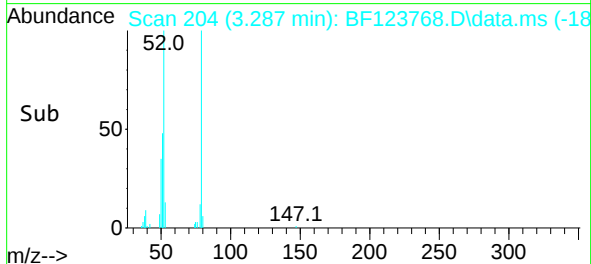
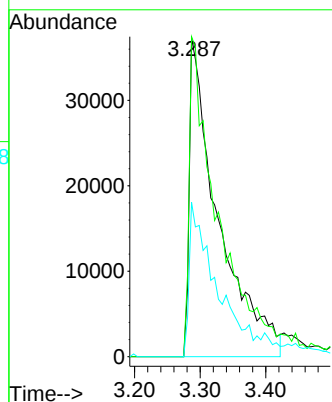
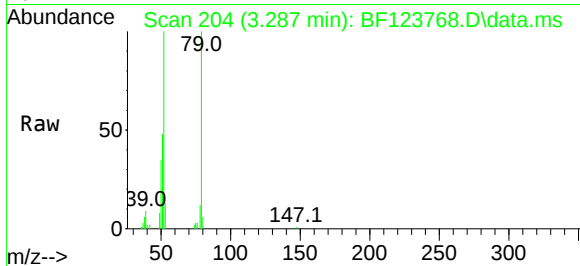




#3
Pyridine
Concen: 6.47 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.035 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

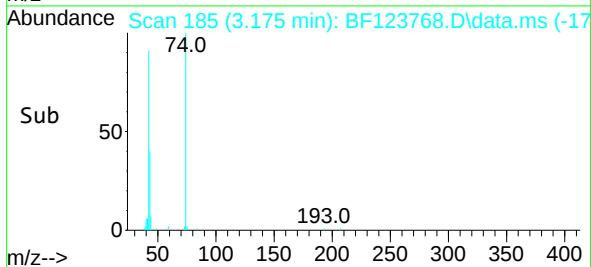
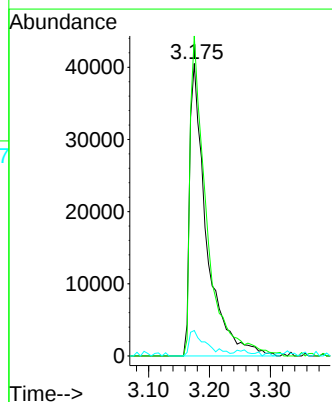
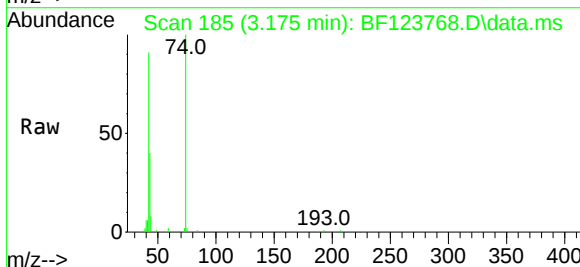
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

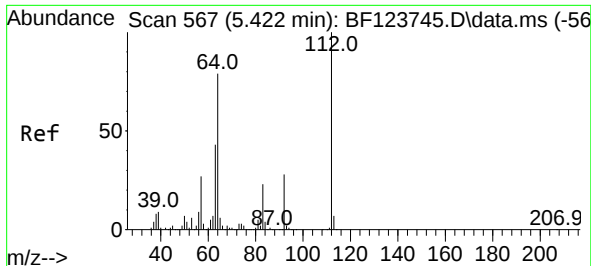
Tgt Ion: 79 Resp: 113886
Ion Ratio Lower Upper
79 100
52 100.5 87.4 131.0
51 48.4 41.4 62.0



#4
n-Nitrosodimethylamine
Concen: 8.02 ng
RT: 3.175 min Scan# 185
Delta R.T. -0.035 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 42 Resp: 77695
Ion Ratio Lower Upper
42 100
74 109.4 83.5 125.3
44 8.7 5.7 8.5#

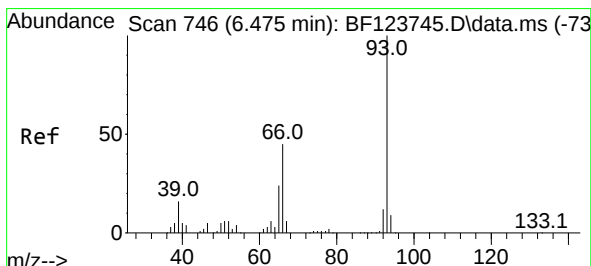
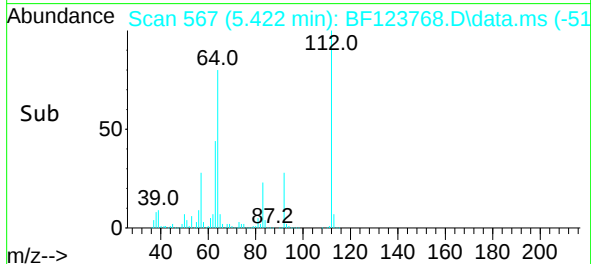
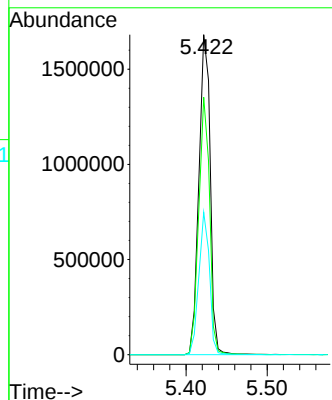
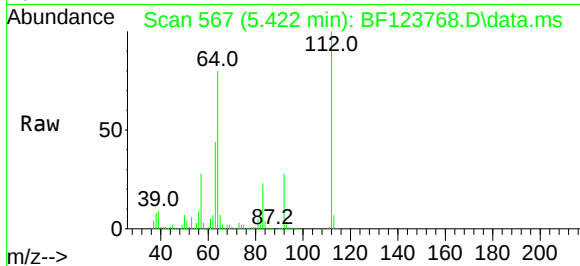




#5
2-Fluorophenol
Concen: 122.54 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

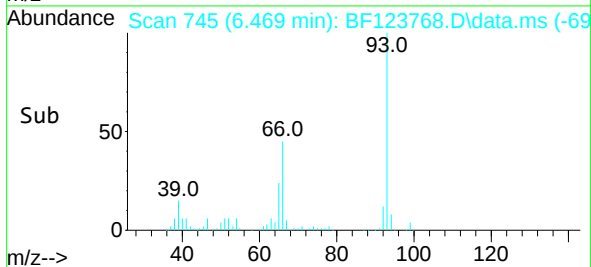
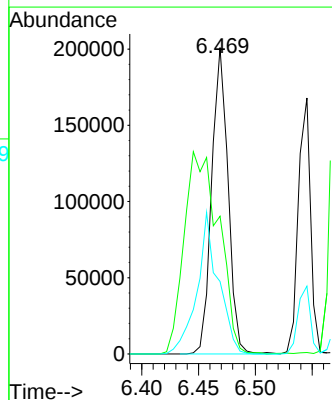
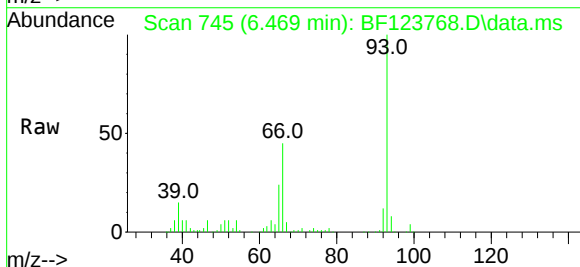
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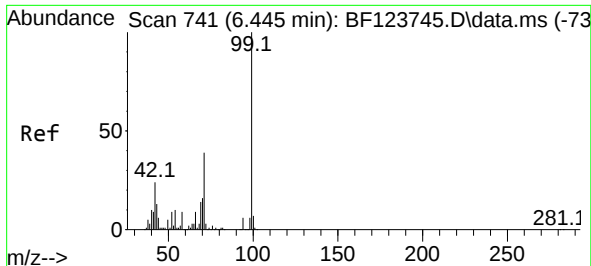
Tgt Ion:112 Resp: 1637714
Ion Ratio Lower Upper
112 100
64 80.5 61.4 92.0
63 44.5 33.0 49.4



#6
Aniline
Concen: 9.45 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 93 Resp: 201240
Ion Ratio Lower Upper
93 100
66 44.9 36.4 54.6
65 23.7 19.4 29.0



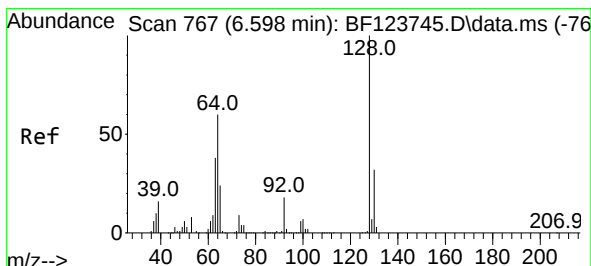
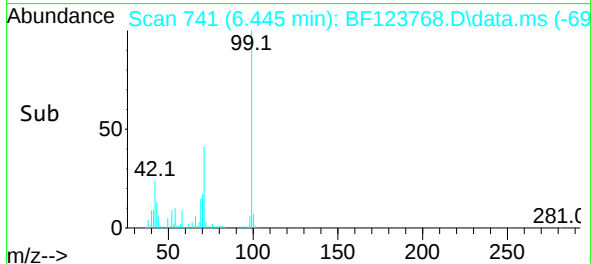
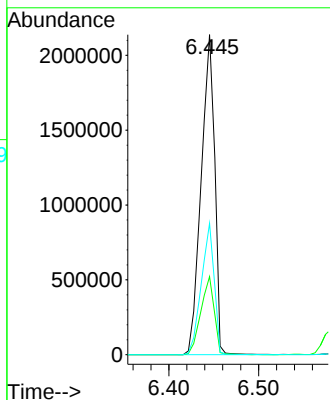
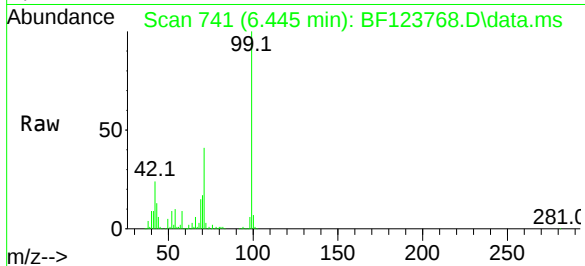


#7
Phenol-d6
Concen: 121.49 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 2236727

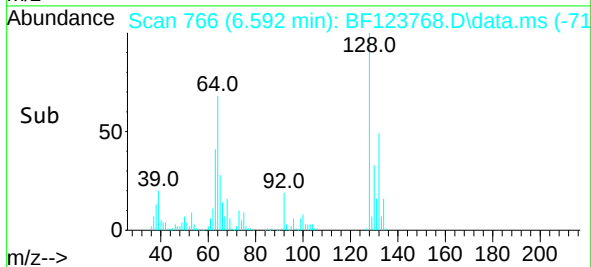
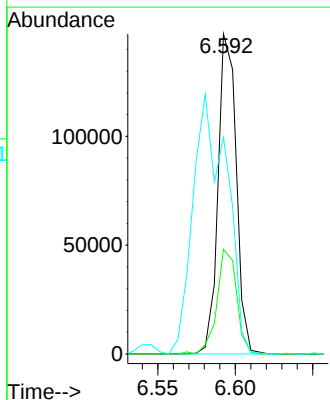
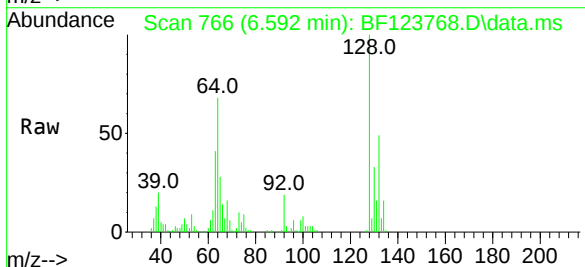
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.8	29.8
71	41.1	31.1	46.7

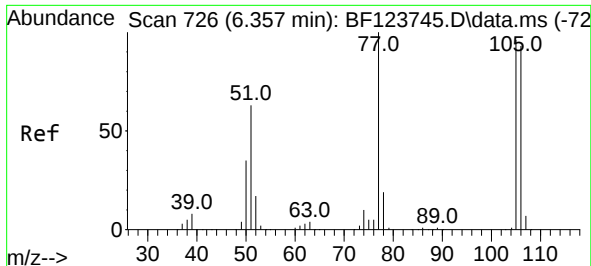


#8
2-Chlorophenol
Concen: 8.36 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 128 Resp: 120180

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	67.7	41.5	81.5

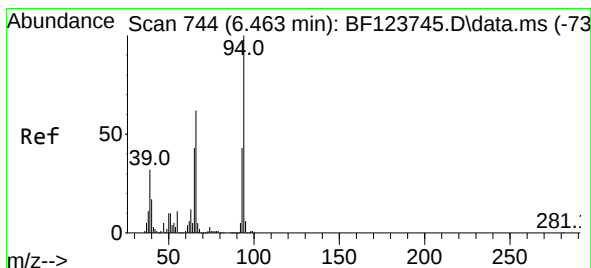
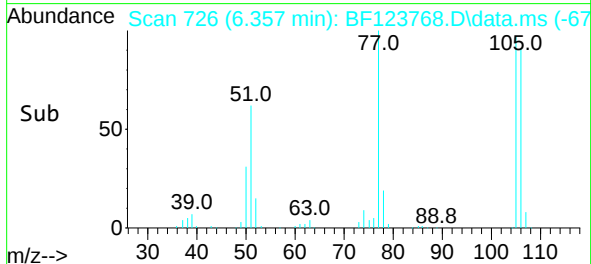
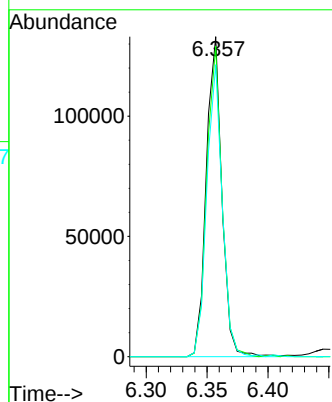
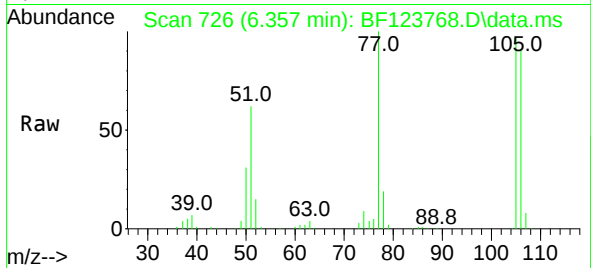




#9
Benzaldehyde
Concen: 13.31 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
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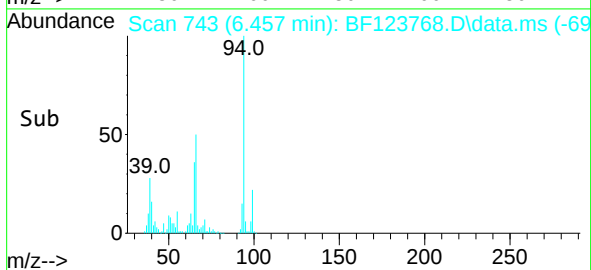
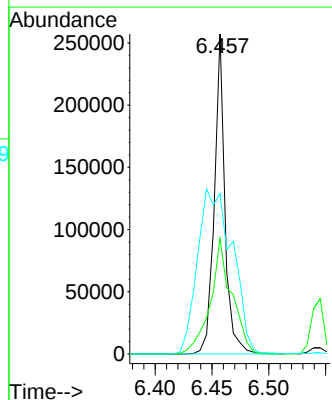
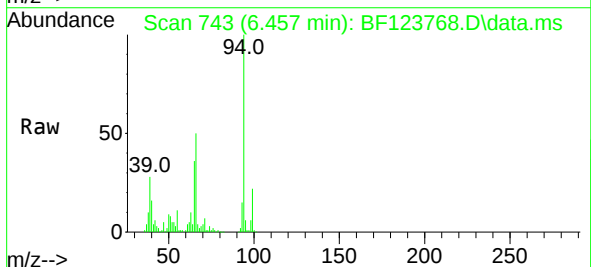
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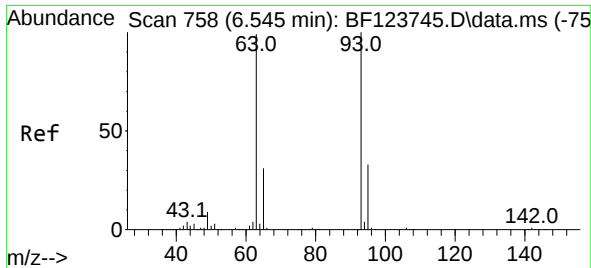
Tgt Ion:	77	Resp:	118571
Ion	Ratio	Lower	Upper
77	100		
105	97.1	75.2	115.2
106	91.2	71.6	111.6



#10
Phenol
Concen: 8.42 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:	94	Resp:	166587
Ion	Ratio	Lower	Upper
94	100		
65	36.1	18.1	58.1
66	50.1	29.0	69.0

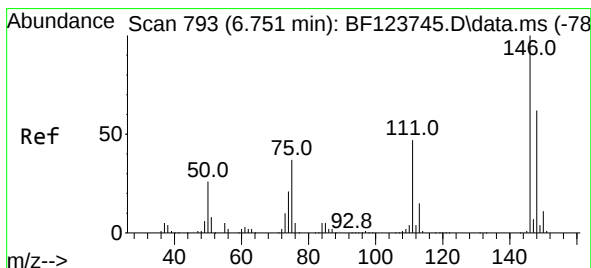
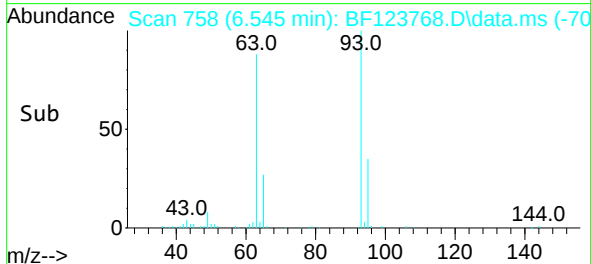
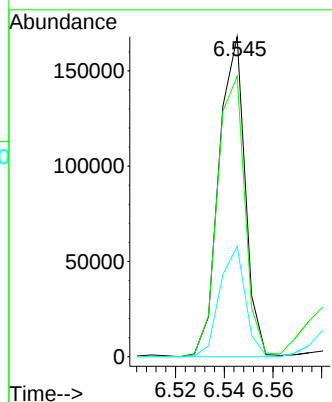
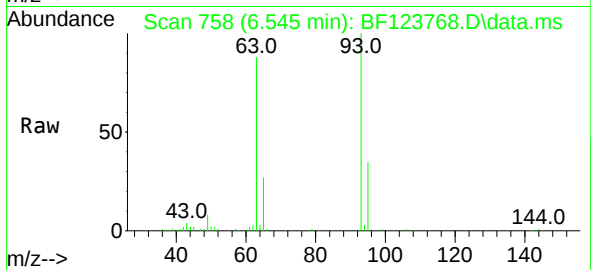




#11
bis(2-Chloroethyl)ether
Concen: 8.70 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

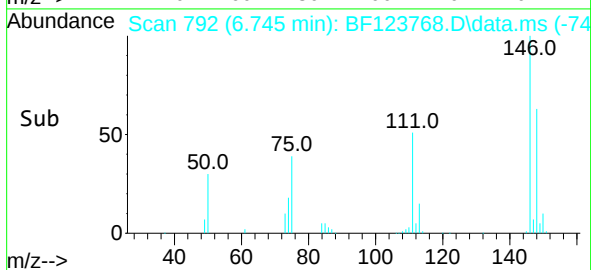
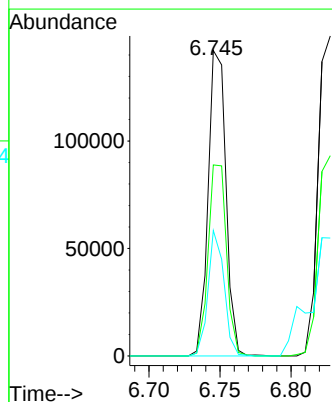
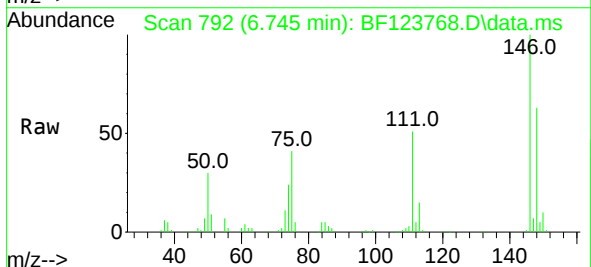
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

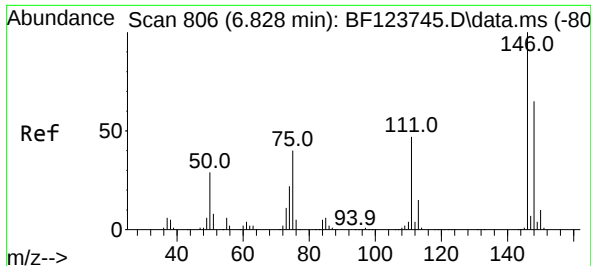
Tgt Ion: 93 Resp: 125596
Ion Ratio Lower Upper
93 100
63 87.6 76.1 116.1
95 34.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 8.57 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:146 Resp: 124516
Ion Ratio Lower Upper
146 100
148 62.6 50.9 76.3
75 41.1 34.2 51.4

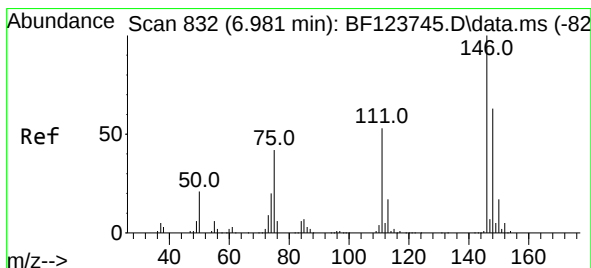
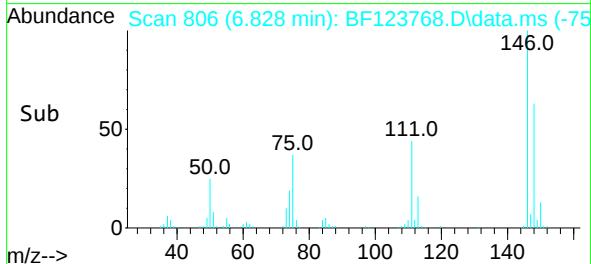
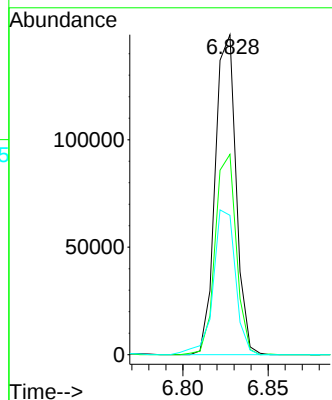
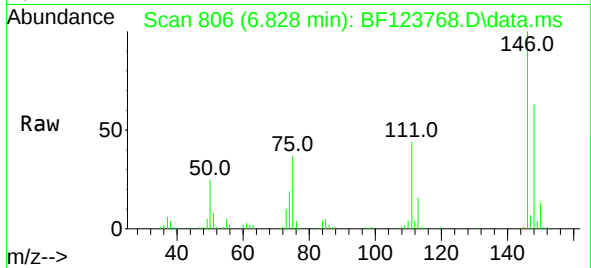




#13
1,4-Dichlorobenzene
Concen: 8.65 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

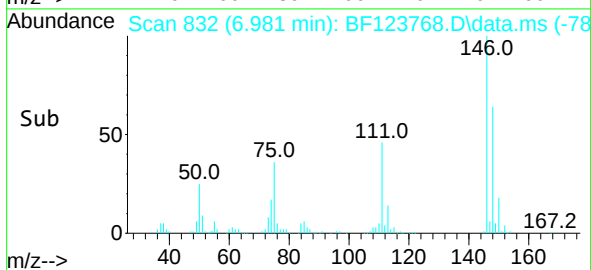
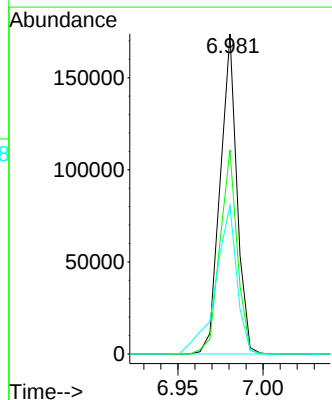
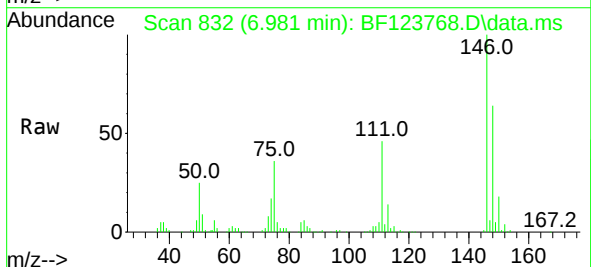
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

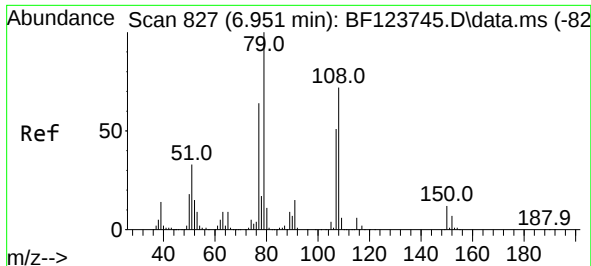
Tgt Ion:146 Resp: 127121
Ion Ratio Lower Upper
146 100
148 62.6 49.9 74.9
111 43.5 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 8.32 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:146 Resp: 118785
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 46.4 38.4 57.6

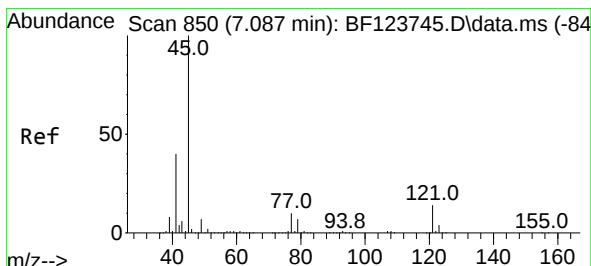
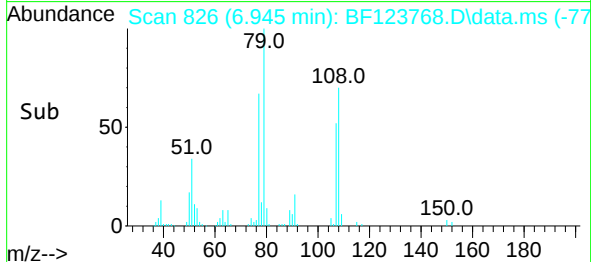
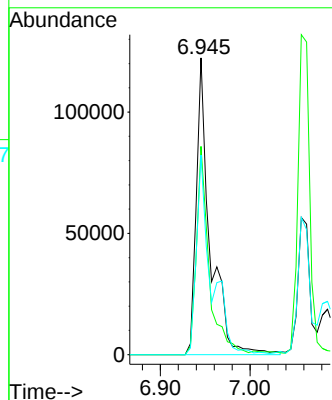
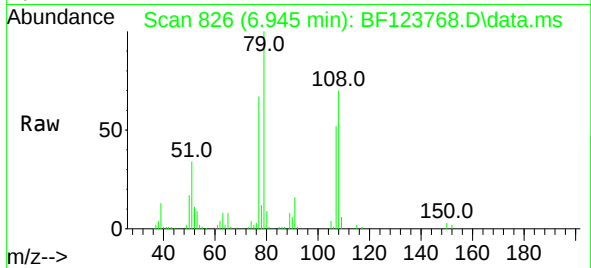




#15
Benzyl Alcohol
Concen: 9.09 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

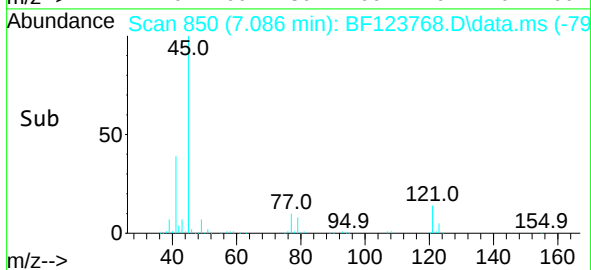
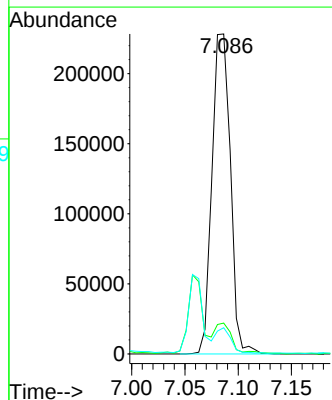
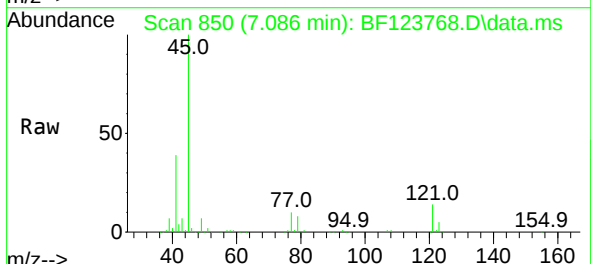
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

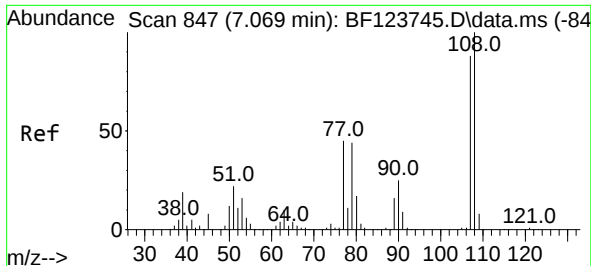
Tgt Ion: 79 Resp: 131189
Ion Ratio Lower Upper
79 100
108 70.2 55.8 83.8
77 67.2 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 8.91 ng
RT: 7.086 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 45 Resp: 273774
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.0
79 8.2 0.0 27.3

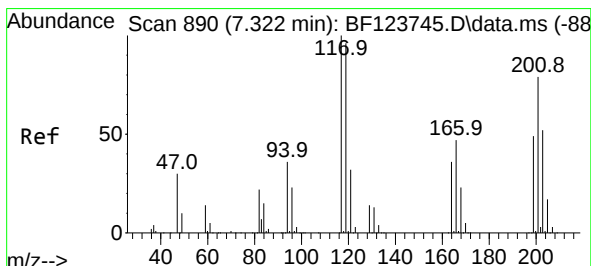
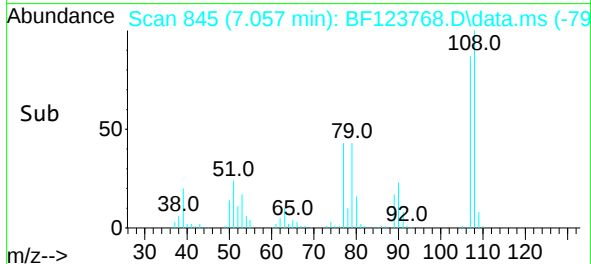
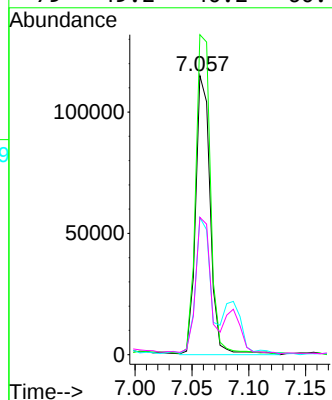
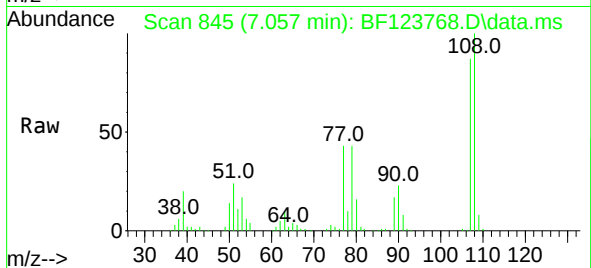




#17
2-Methylphenol
Concen: 8.44 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

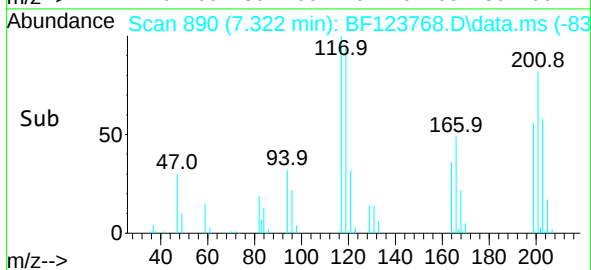
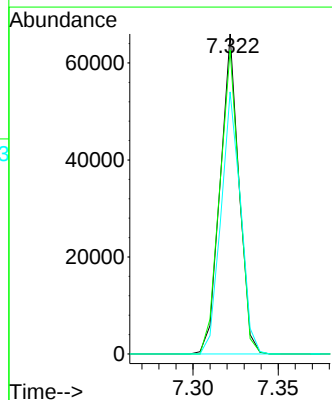
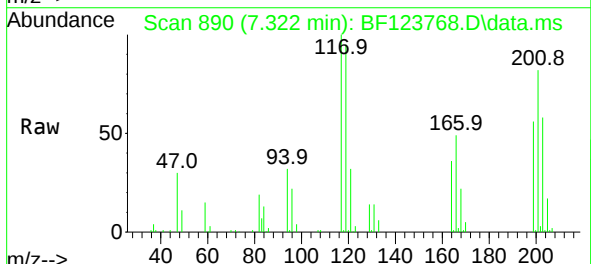
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

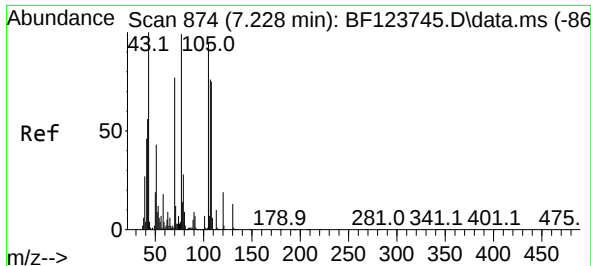
Tgt Ion:	107	Resp:	103404
Ion	Ratio	Lower	Upper
107	100		
108	114.7	89.8	134.8
77	49.1	40.9	61.3
79	49.2	40.2	60.4



#18
Hexachloroethane
Concen: 8.69 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

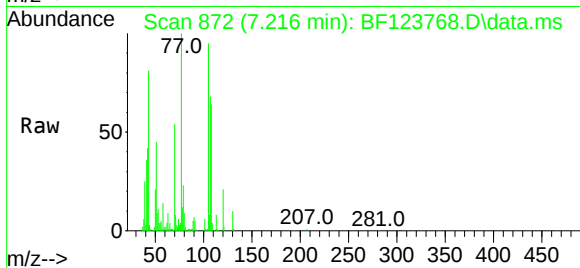
Tgt Ion:	117	Resp:	50566
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.8	116.8
201	81.9	67.8	101.8



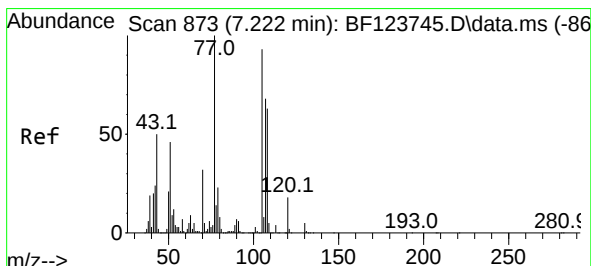
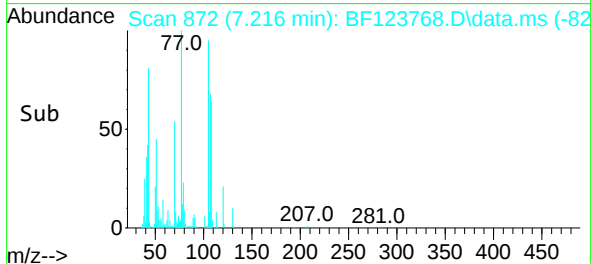
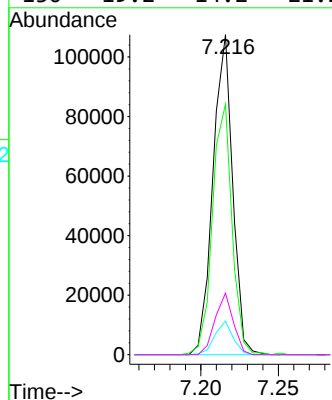


#19
n-Nitroso-di-n-propylamine
Concen: 8.36 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

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

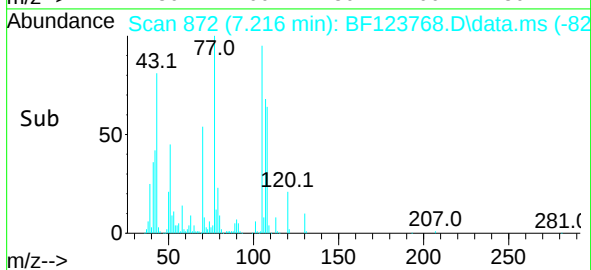
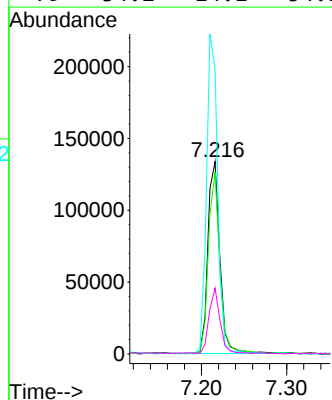
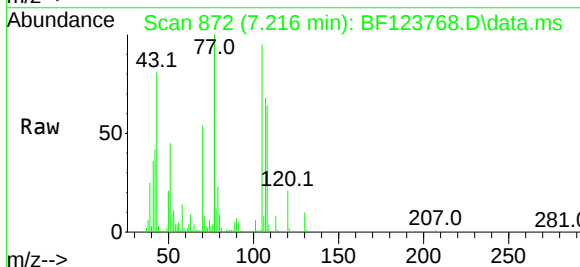


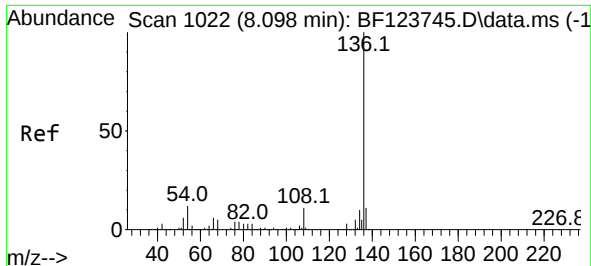
Tgt Ion	70	Resp:	95085
Ion Ratio	Lower	Upper	
70	100		
42	78.3	60.1	90.1
101	10.5	7.4	11.2
130	19.2	14.2	21.2



#20
3+4-Methylphenols
Concen: 8.37 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion	107	Resp:	130437
Ion Ratio	Lower	Upper	
107	100		
108	94.4	71.5	111.5
77	148.1	82.0	122.0#
79	34.2	14.1	54.1

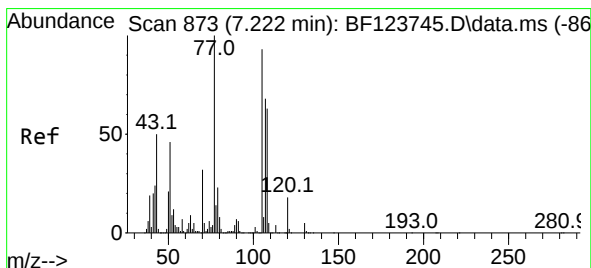
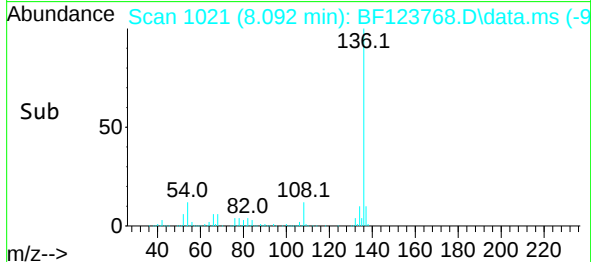
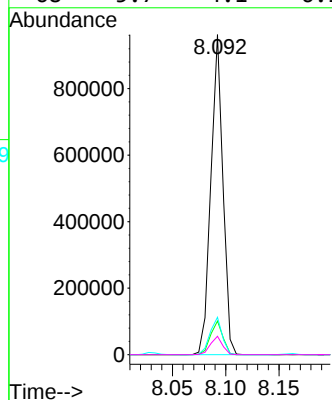
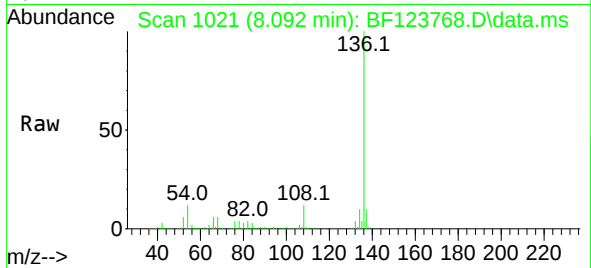




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

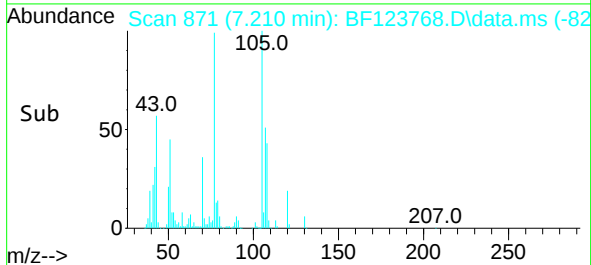
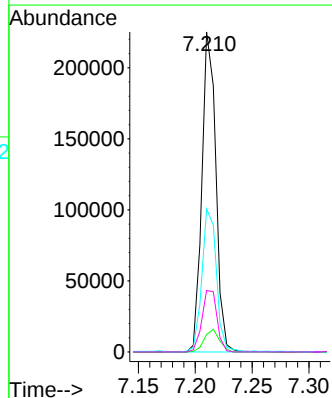
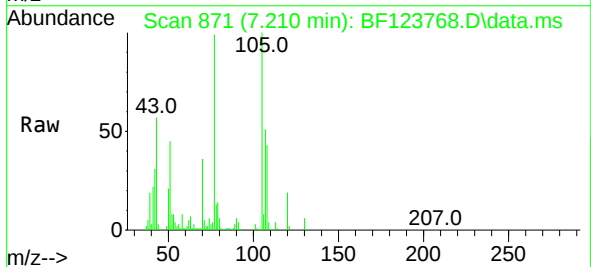
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

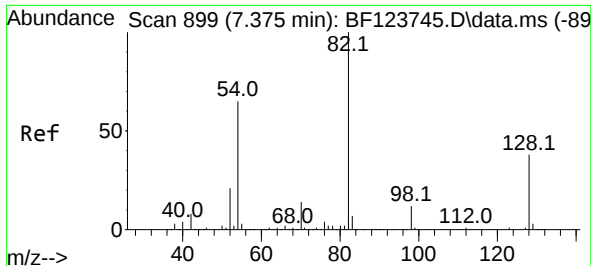
Tgt Ion:136	Resp: 757026
Ion Ratio	Lower Upper
136 100	
137 10.5	8.7 13.1
54 11.7	9.8 14.6
68 5.7	4.1 6.1



#22
Acetophenone
Concen: 9.31 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:105	Resp: 191517
Ion Ratio	Lower Upper
105 100	
71 5.5	4.2 6.4
51 44.7	33.6 50.4
120 19.2	16.3 24.5

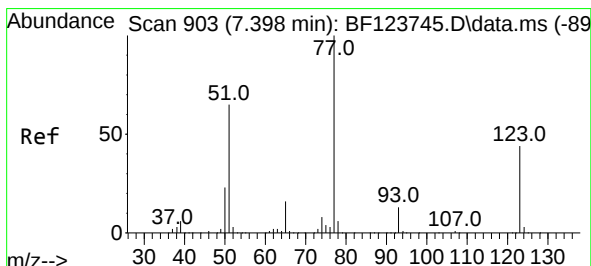
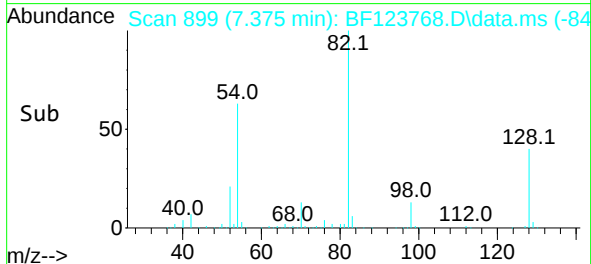
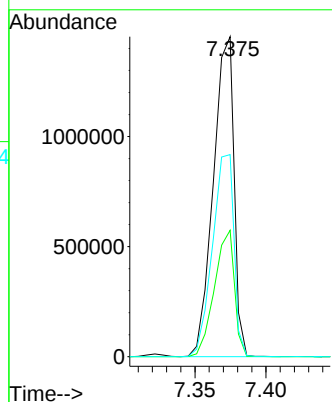
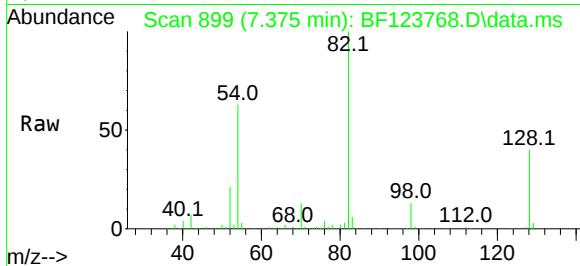




#23
Nitrobenzene-d5
Concen: 87.66 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

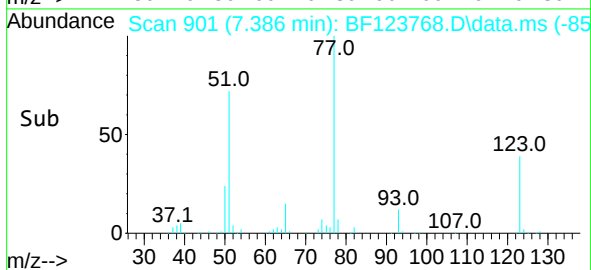
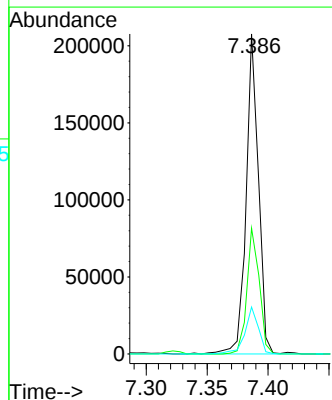
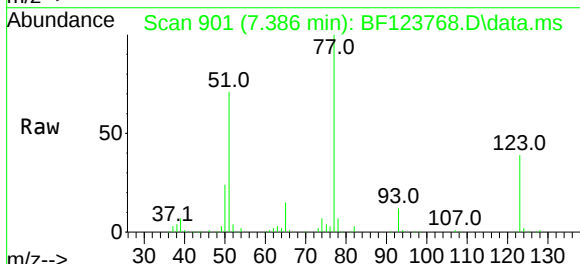
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

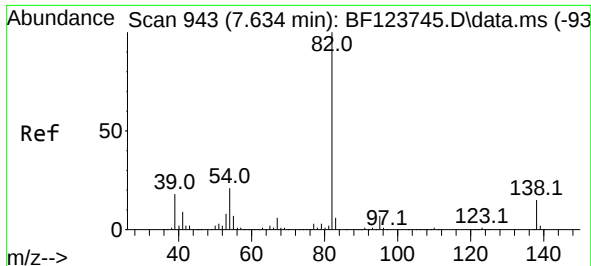
Tgt Ion: 82 Resp: 1469970
Ion Ratio Lower Upper
82 100
128 39.5 29.4 44.2
54 63.2 54.1 81.1



#24
Nitrobenzene
Concen: 8.35 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 77 Resp: 145871
Ion Ratio Lower Upper
77 100
123 39.3 34.5 51.7
65 14.7 12.2 18.2

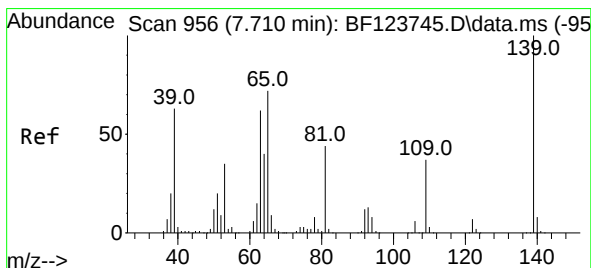
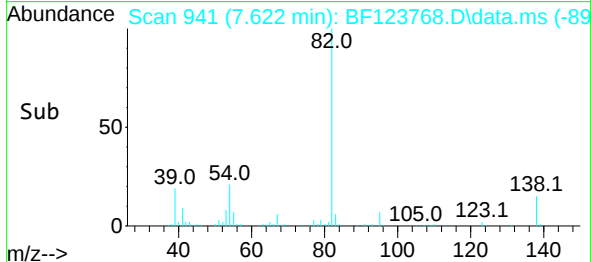
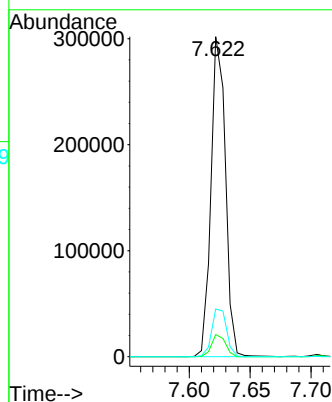
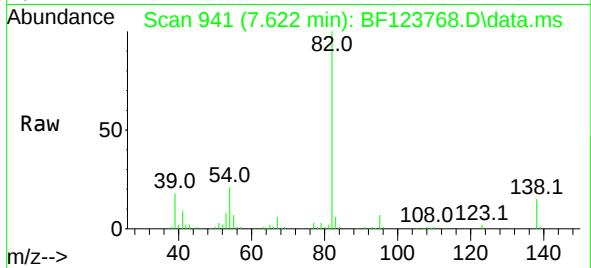




#25
Isophorone
Concen: 7.93 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

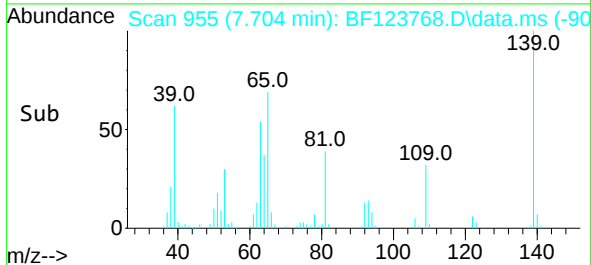
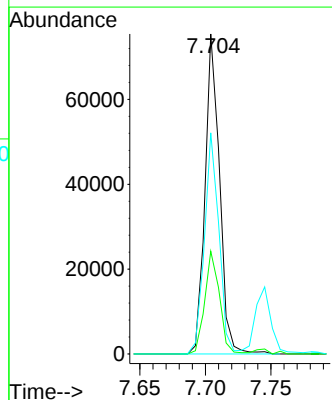
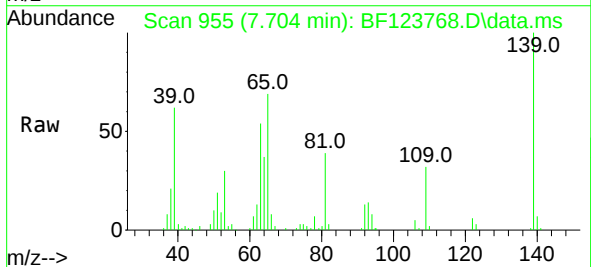
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

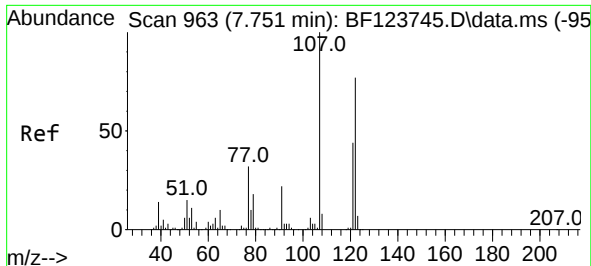
Tgt Ion: 82 Resp: 249285
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 14.9 11.8 17.8



#26
2-Nitrophenol
Concen: 8.17 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 139 Resp: 58250
Ion Ratio Lower Upper
139 100
109 32.1 28.6 43.0
65 69.1 56.8 85.2

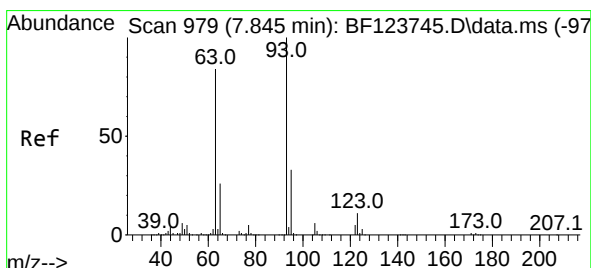
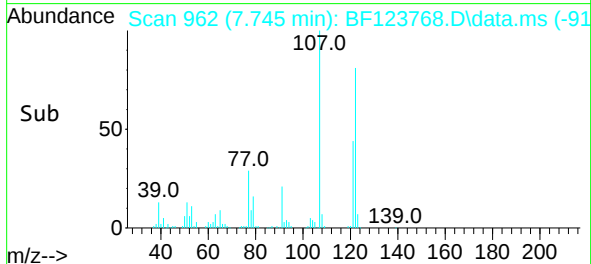
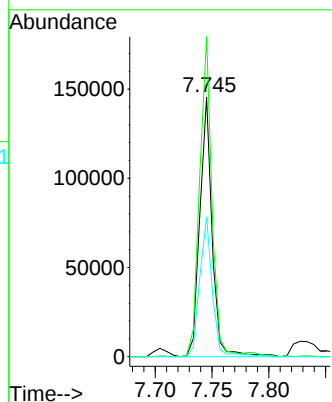
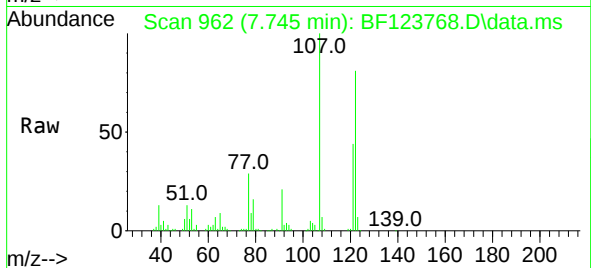




#27
2,4-Dimethylphenol
Concen: 9.82 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

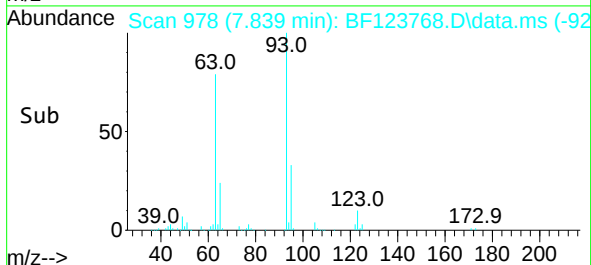
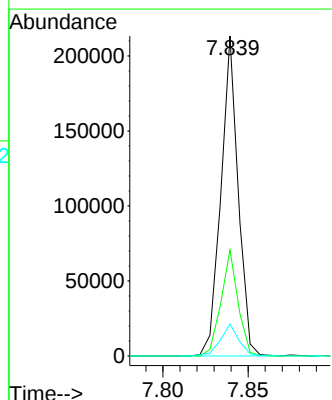
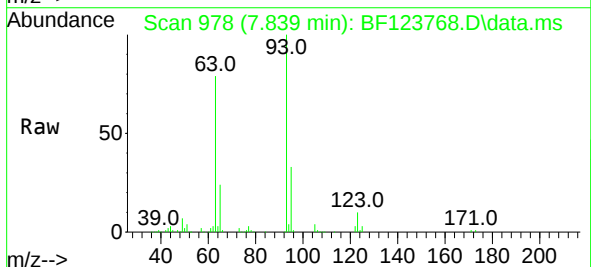
Instrument :
BNA_F
ClientSampleId :
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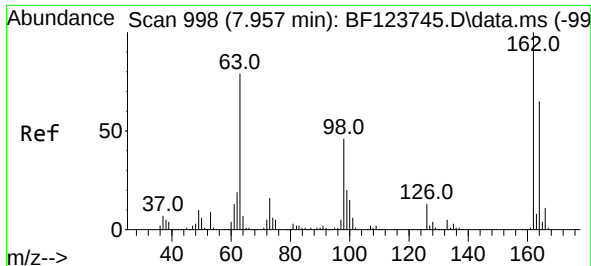
Tgt Ion:122 Resp: 109949
Ion Ratio Lower Upper
122 100
107 123.3 106.3 159.5
121 53.9 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 9.36 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 93 Resp: 149941
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 8.48 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF123768.D

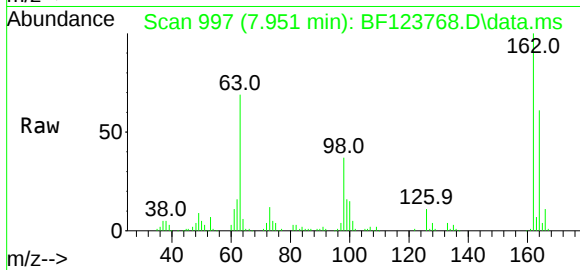
Acq: 30 Apr 2021 11:17

Instrument :

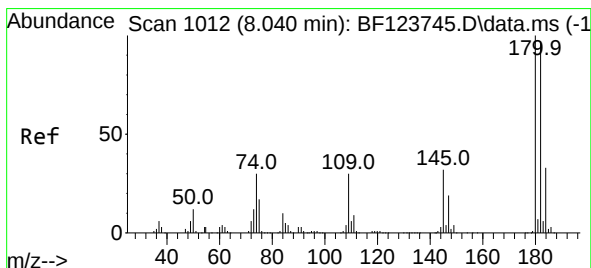
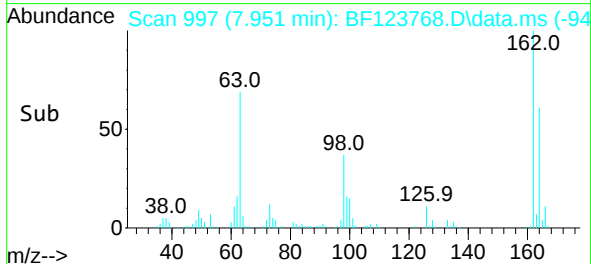
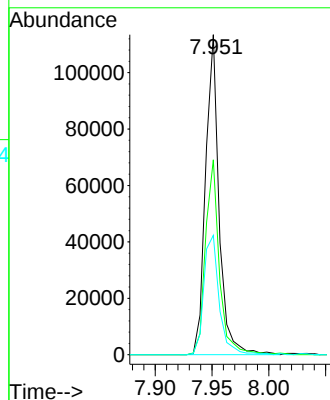
BNA_F

ClientSampleId :

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Tgt Ion:	162	Resp:	93541
Ion Ratio	Lower	Upper	
162	100		
164	60.9	44.1	84.1
98	37.3	27.3	67.3



#30

1,2,4-Trichlorobenzene

Concen: 8.58 ng

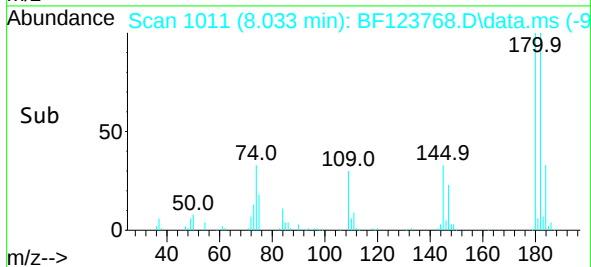
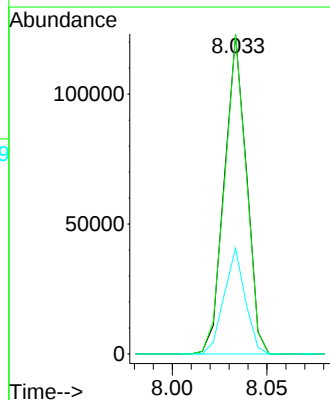
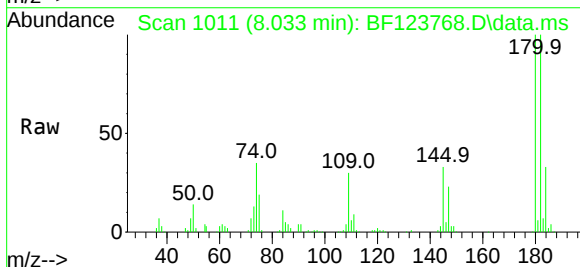
RT: 8.033 min Scan# 1011

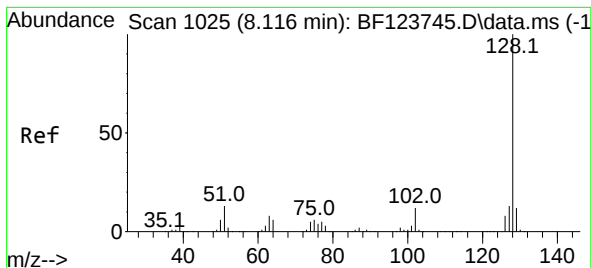
Delta R.T. -0.006 min

Lab File: BF123768.D

Acq: 30 Apr 2021 11:17

Tgt Ion:	180	Resp:	99189
Ion Ratio	Lower	Upper	
180	100		
182	100.3	77.2	115.8
145	33.1	26.0	39.0

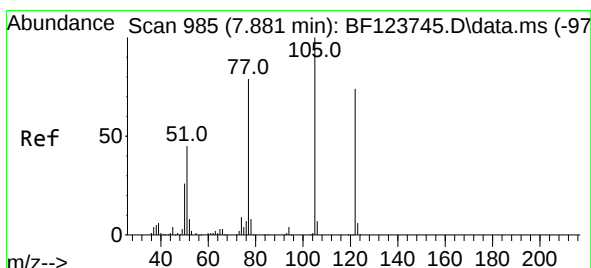
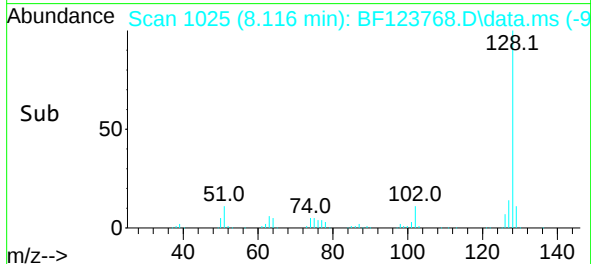
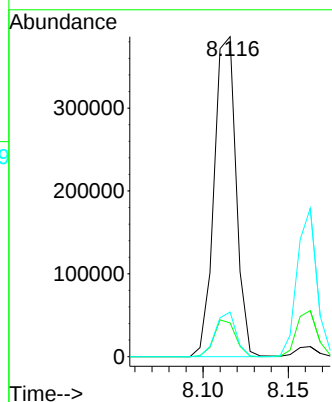
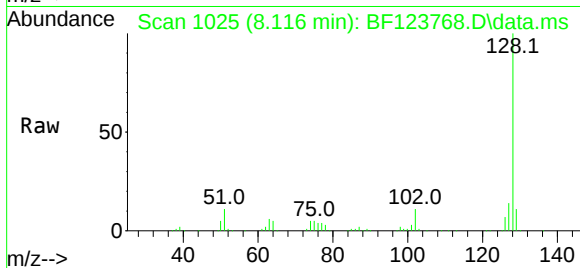




#31
Naphthalene
Concen: 8.89 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

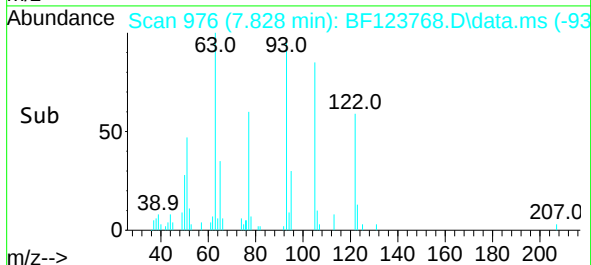
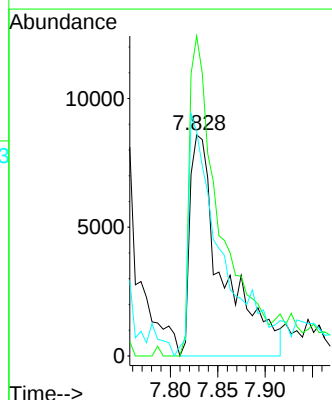
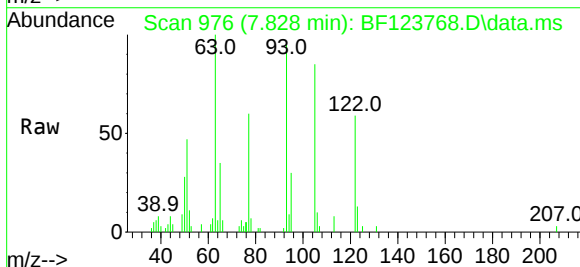
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

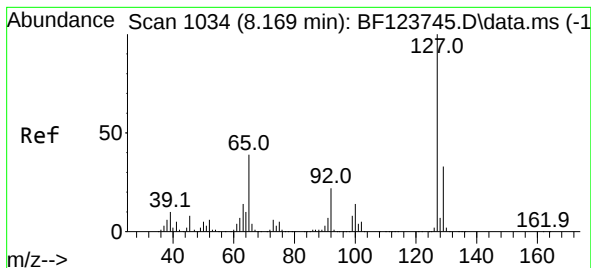
Tgt Ion:128 Resp: 346573
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 7.79 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.053 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:122 Resp: 20769
Ion Ratio Lower Upper
122 100
105 144.7 107.8 147.8
77 101.4 81.6 121.6

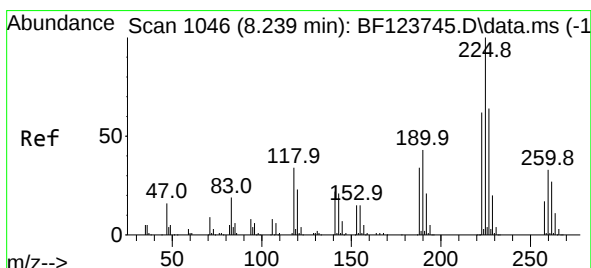
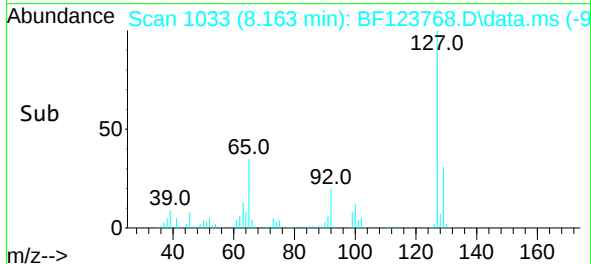
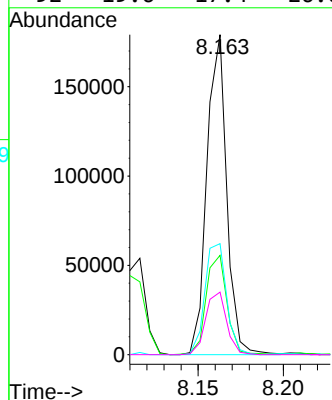
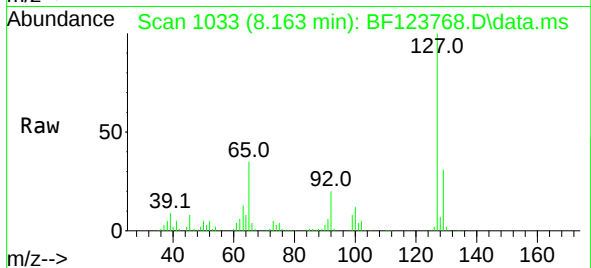




#33
4-Chloroaniline
Concen: 8.90 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

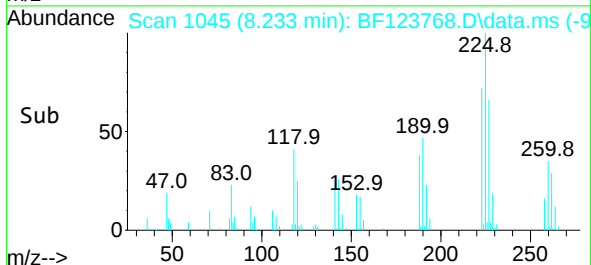
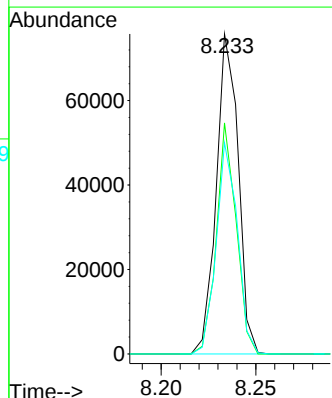
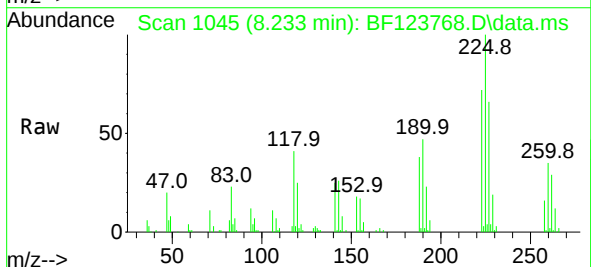
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

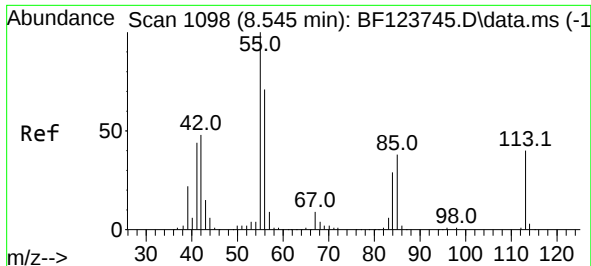
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	34.7	34.5	51.7
92	19.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 8.65 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	72.2	50.4	75.6
227	66.0	51.4	77.0

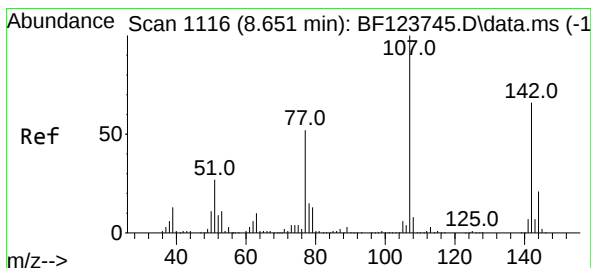
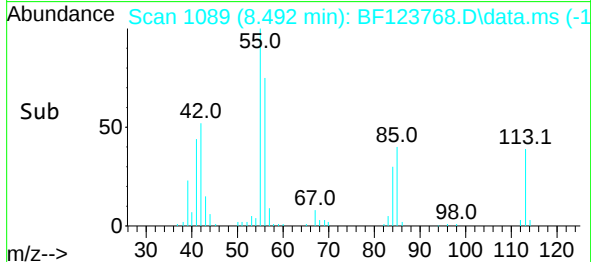
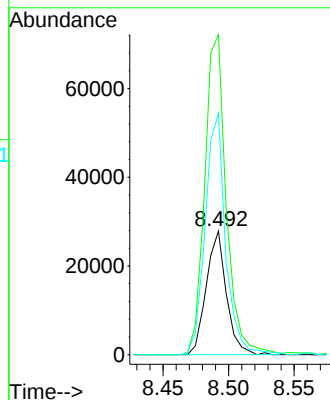
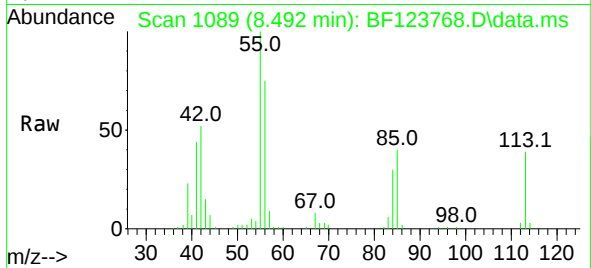




#35
Caprolactam
Concen: 7.69 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.053 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

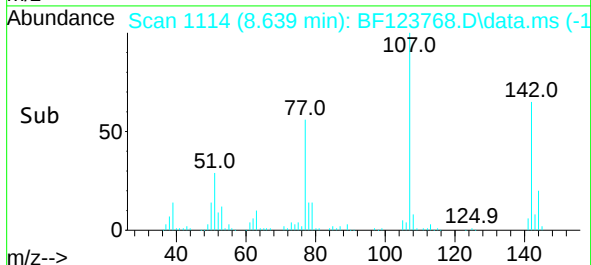
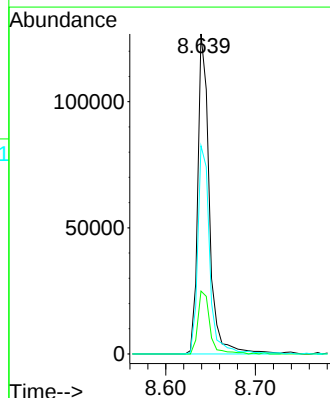
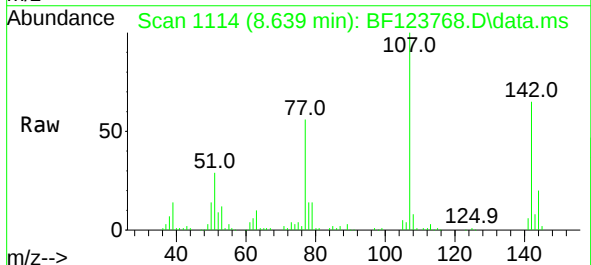
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

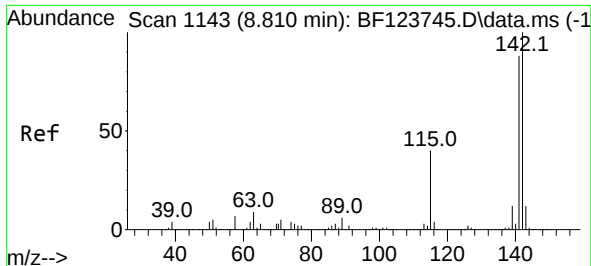
Tgt Ion:113 Resp: 29782
Ion Ratio Lower Upper
113 100
55 258.7 254.9 294.9
56 195.1 179.4 219.4



#36
4-Chloro-3-methylphenol
Concen: 8.25 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:107 Resp: 113595
Ion Ratio Lower Upper
107 100
144 19.7 16.3 24.5
142 65.0 50.1 75.1

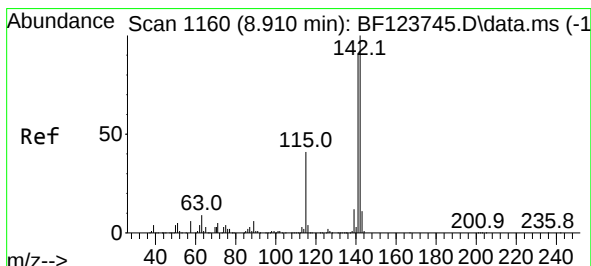
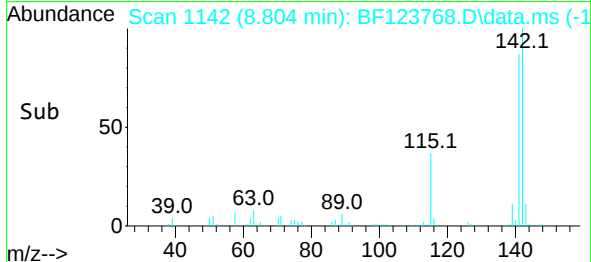
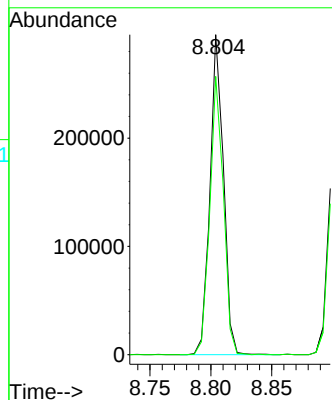
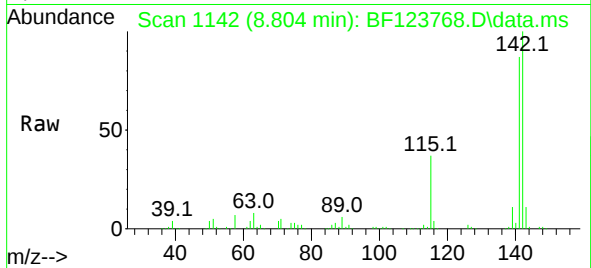




#37
2-Methylnaphthalene
Concen: 8.96 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

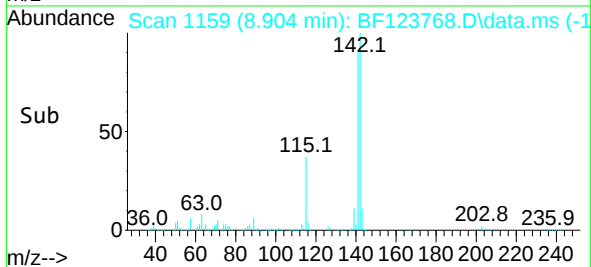
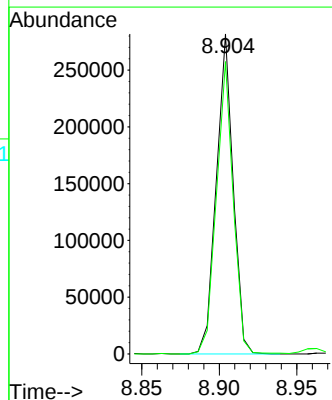
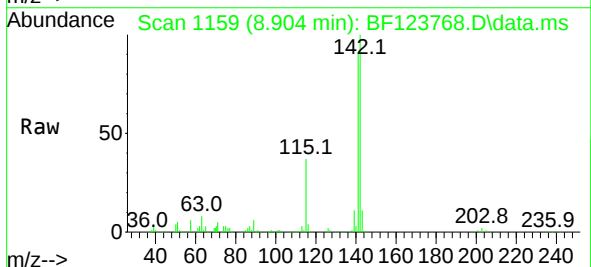
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

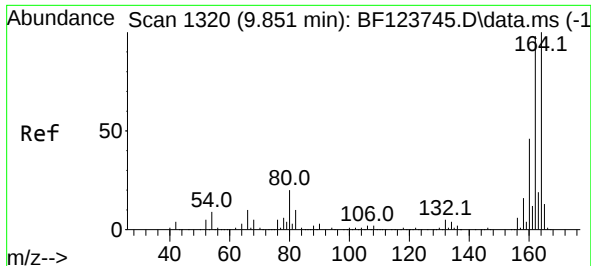
Tgt Ion:142 Resp: 227556
Ion Ratio Lower Upper
142 100
141 86.9 71.8 107.6



#38
1-Methylnaphthalene
Concen: 8.92 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:142 Resp: 213054
Ion Ratio Lower Upper
142 100
141 91.3 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: BF123768.D

Acq: 30 Apr 2021 11:17

Tgt Ion:164 Resp: 374270

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

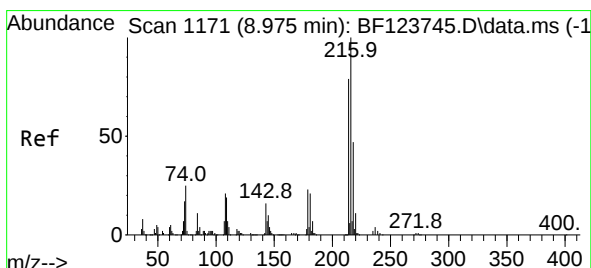
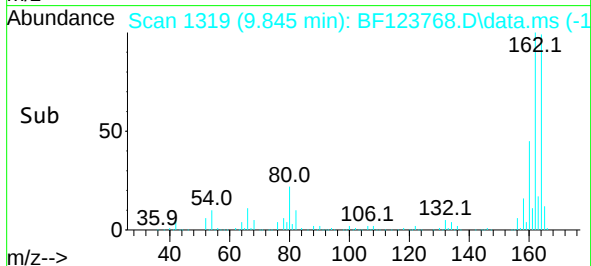
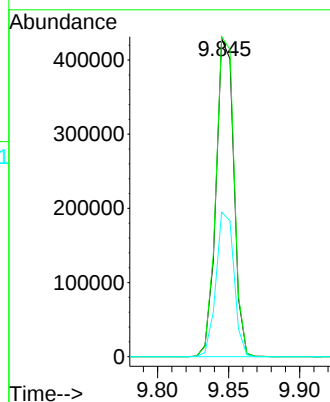
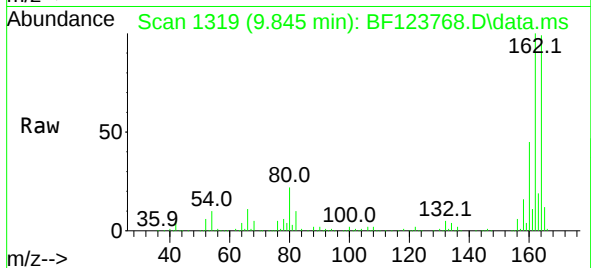
160 45.4 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2021



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.10 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF123768.D

Acq: 30 Apr 2021 11:17

Tgt Ion:216 Resp: 100183

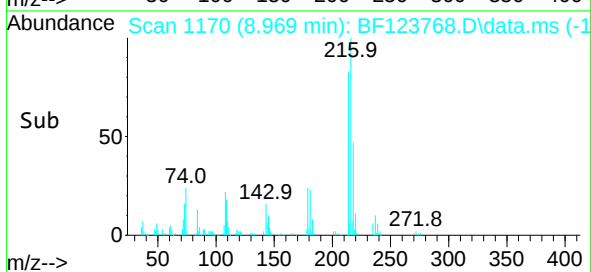
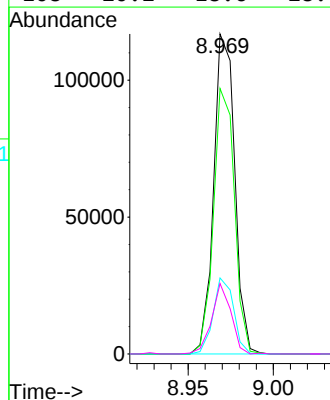
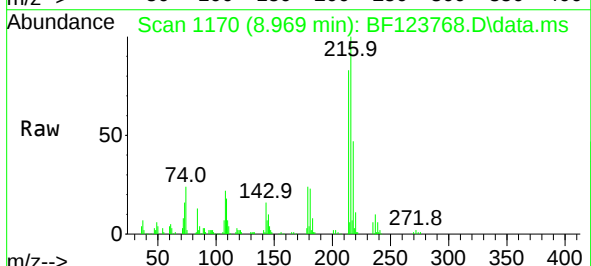
Ion Ratio Lower Upper

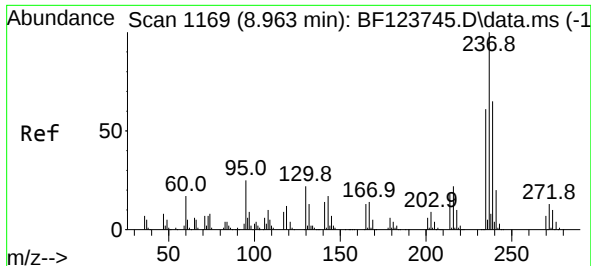
216 100

214 82.9 63.8 95.8

179 23.0 17.9 26.9

108 20.2 18.6 28.0

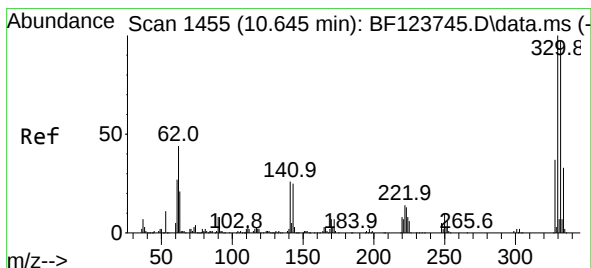
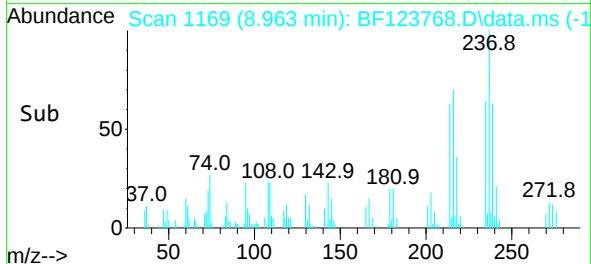
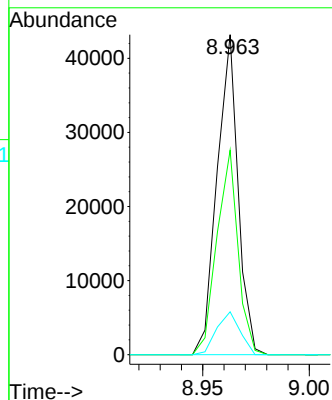
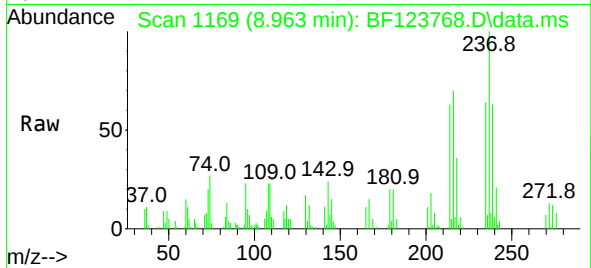




#41
Hexachlorocyclopentadiene
Concen: 8.81 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

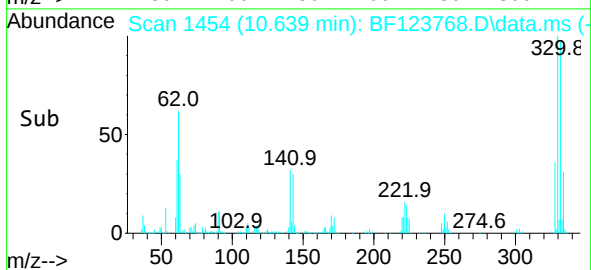
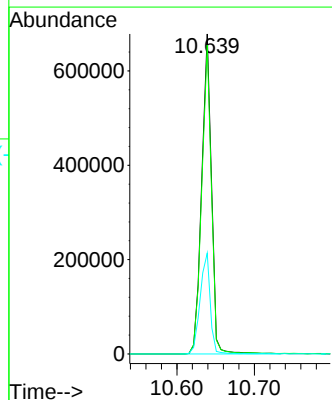
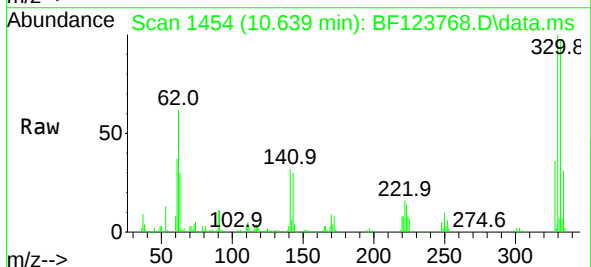
Instrument :
BNA_F
ClientSampleId :
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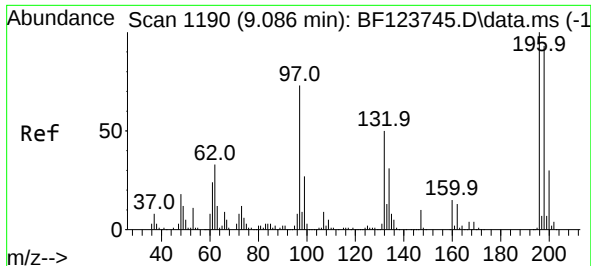
Tgt Ion:237 Resp: 29578
Ion Ratio Lower Upper
237 100
235 63.9 38.8 78.8
272 13.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 127.66 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:330 Resp: 594798
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 32.5 27.9 41.9

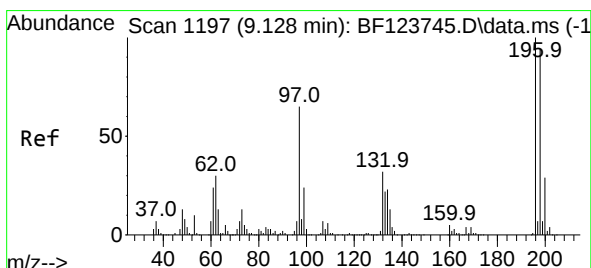
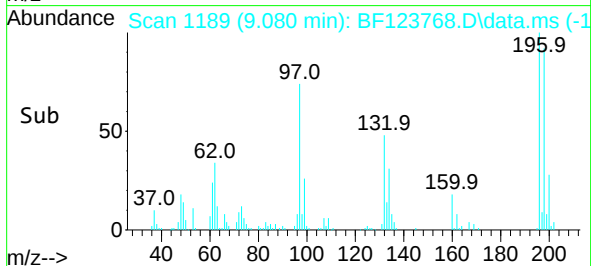
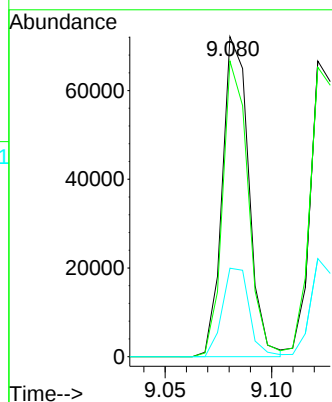
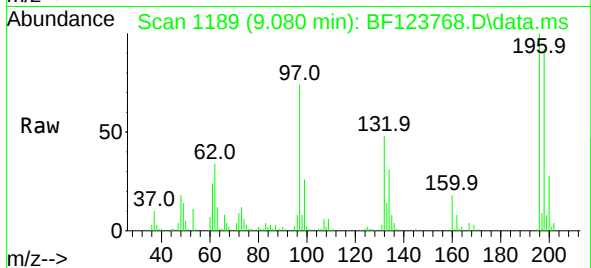




#43
2,4,6-Trichlorophenol
Concen: 8.20 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

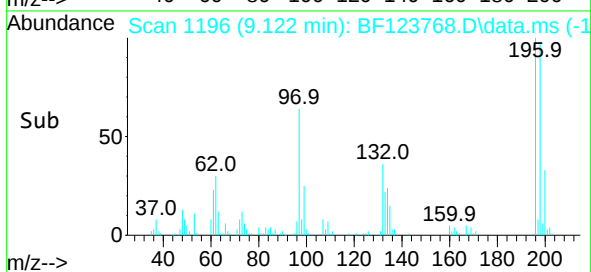
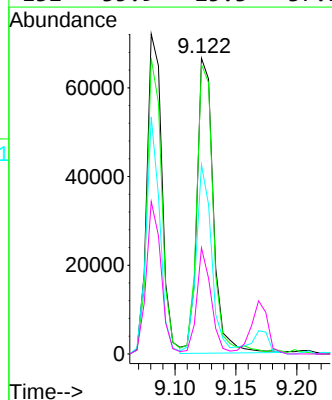
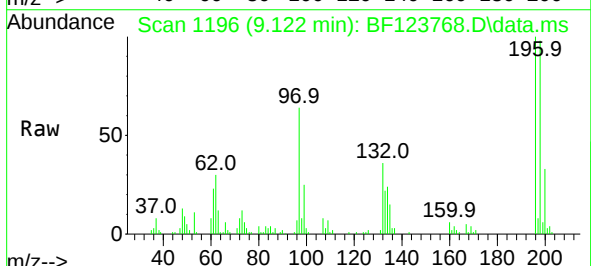
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

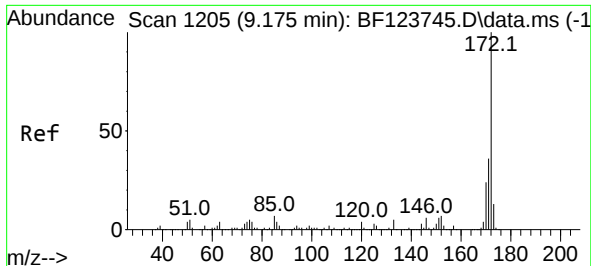
Tgt Ion:196 Resp: 62215
Ion Ratio Lower Upper
196 100
198 92.3 78.2 117.2
200 27.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 7.64 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:196 Resp: 62222
Ion Ratio Lower Upper
196 100
198 97.9 76.5 114.7
97 64.0 52.9 79.3
132 35.9 25.3 37.9

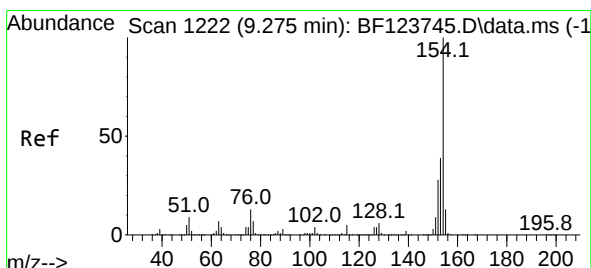
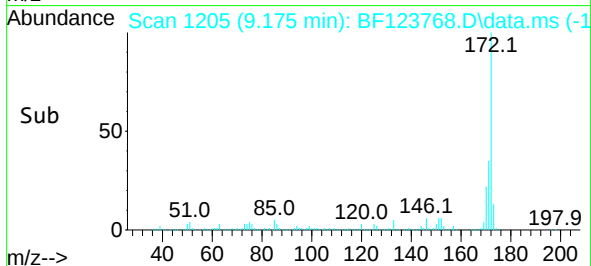
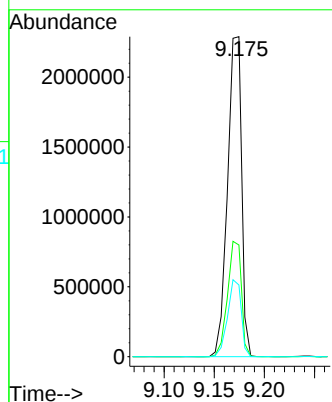
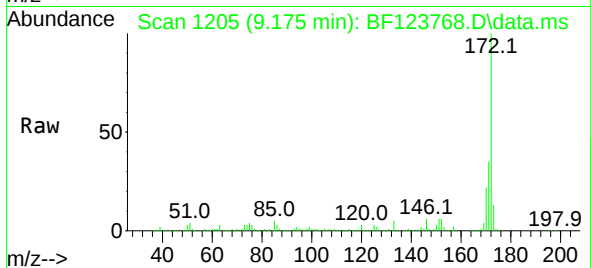




#45
2-Fluorobiphenyl
Concen: 86.71 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

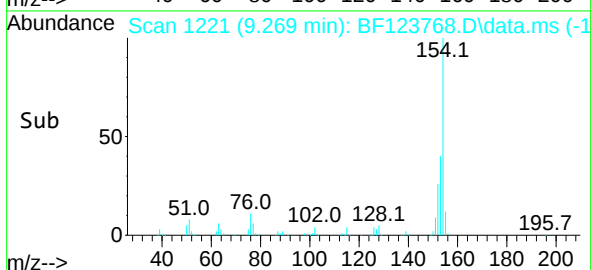
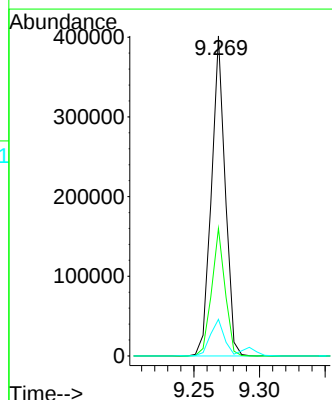
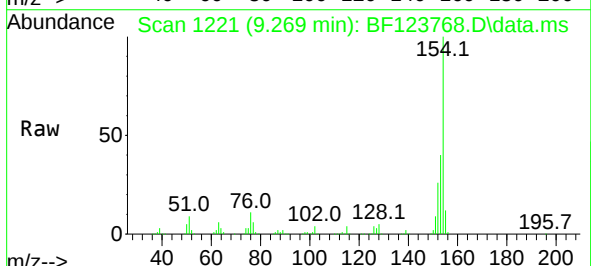
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

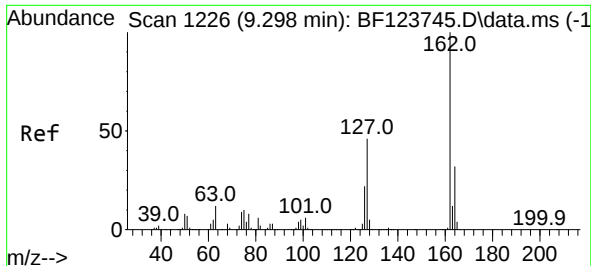
Tgt Ion:172 Resp: 2228557
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.4 19.2 28.8



#46
1,1'-Biphenyl
Concen: 9.54 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:154 Resp: 292548
Ion Ratio Lower Upper
154 100
153 39.9 20.7 60.7
76 11.4 0.0 31.7

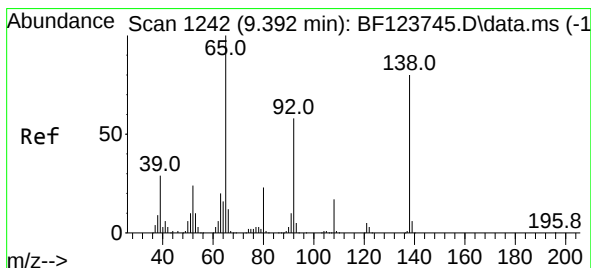
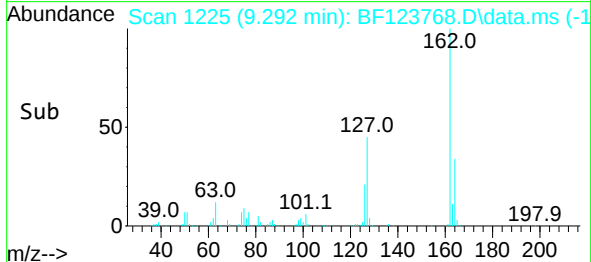
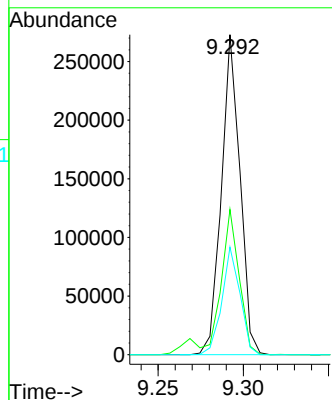
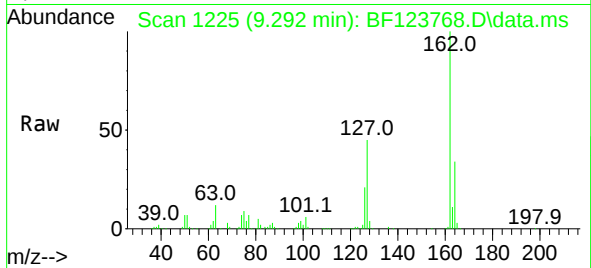




#47
2-Chloronaphthalene
Concen: 8.94 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

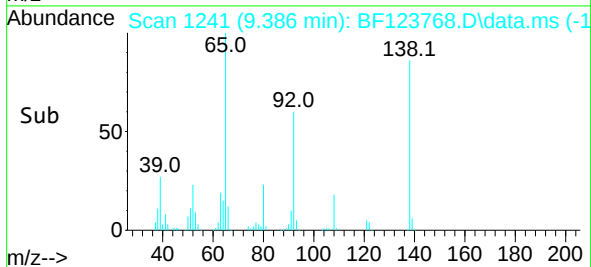
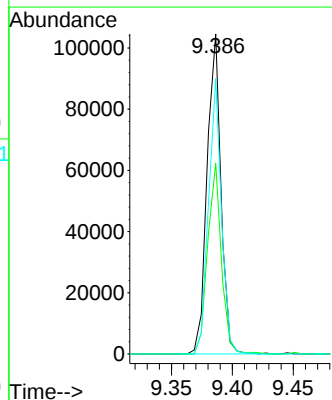
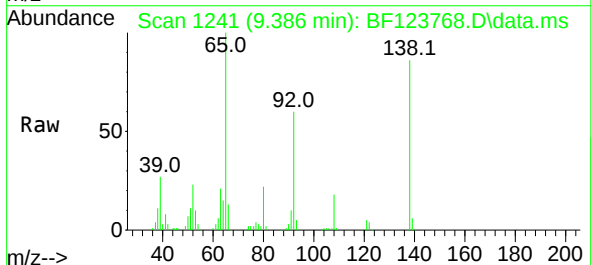
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

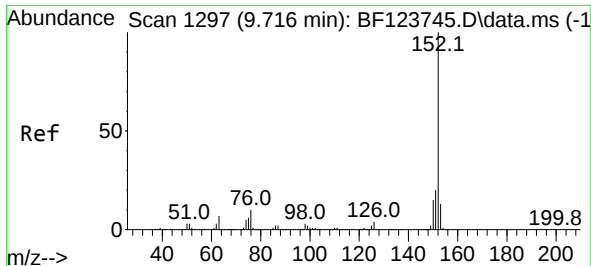
Tgt Ion:162 Resp: 206738
Ion Ratio Lower Upper
162 100
127 45.4 36.2 54.2
164 33.6 25.4 38.2



#48
2-Nitroaniline
Concen: 8.08 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 65 Resp: 82311
Ion Ratio Lower Upper
65 100
92 59.6 47.1 70.7
138 86.1 70.2 105.2





#49

Acenaphthylene

Concen: 9.25 ng

RT: 9.710 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF123768.D

Acq: 30 Apr 2021 11:17

Tgt Ion:152 Resp: 345084

Ion Ratio Lower Upper

152 100

151 17.8 16.0 24.0

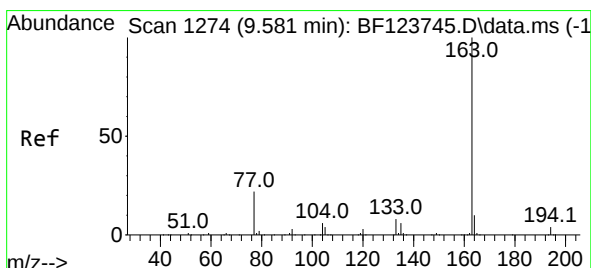
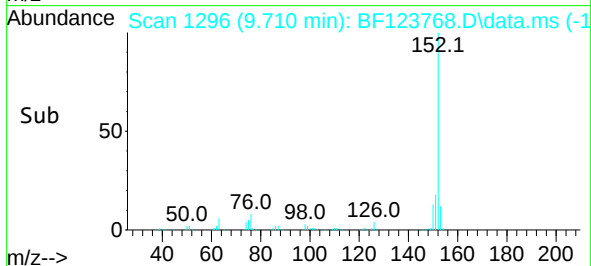
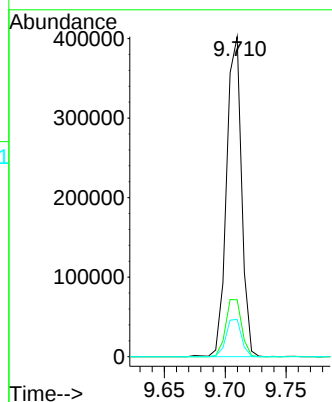
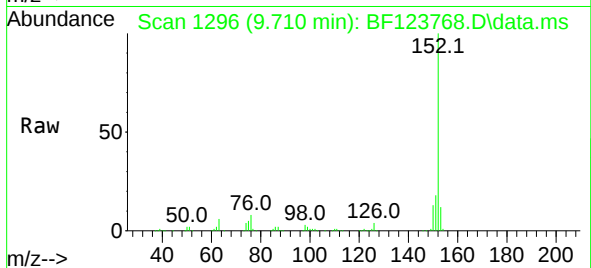
153 11.6 10.4 15.6

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2021



#50

Dimethylphthalate

Concen: 8.82 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.018 min

Lab File: BF123768.D

Acq: 30 Apr 2021 11:17

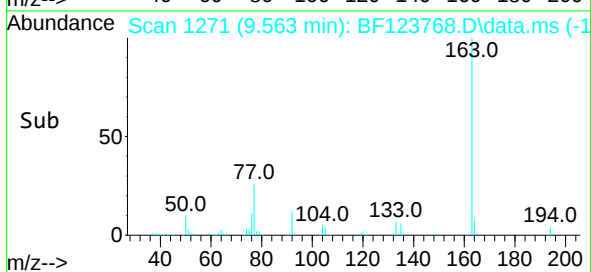
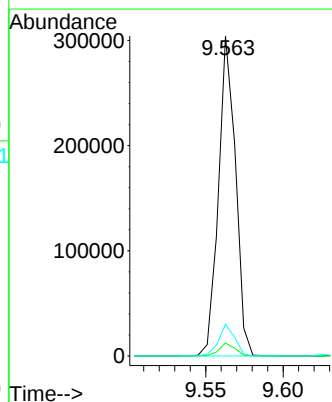
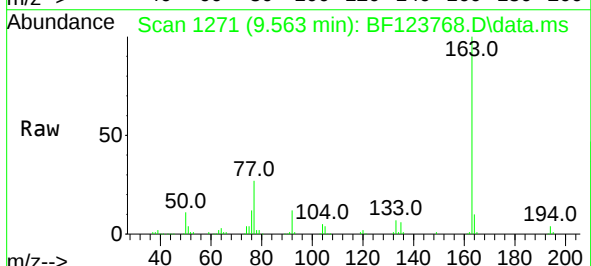
Tgt Ion:163 Resp: 232577

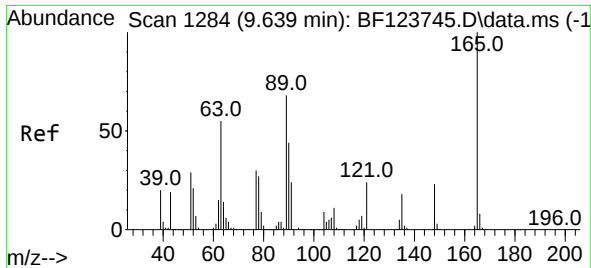
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.2 12.2

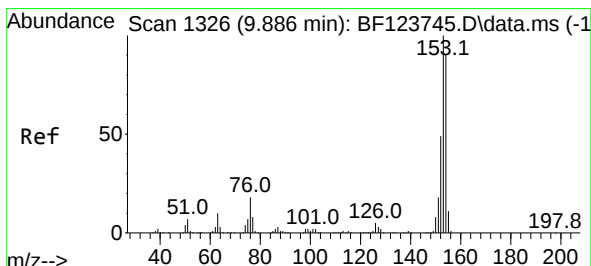
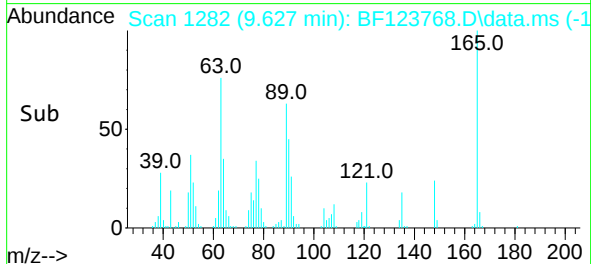
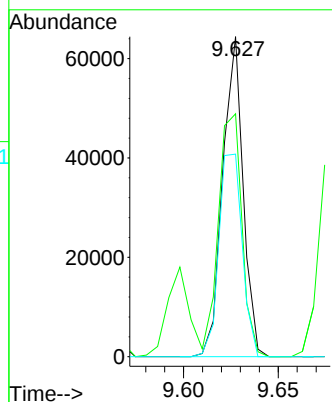
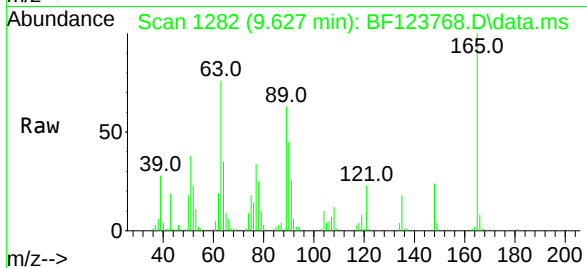




#51
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

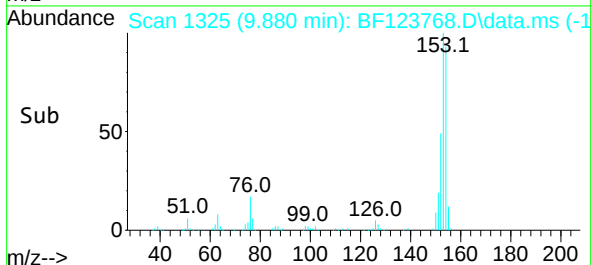
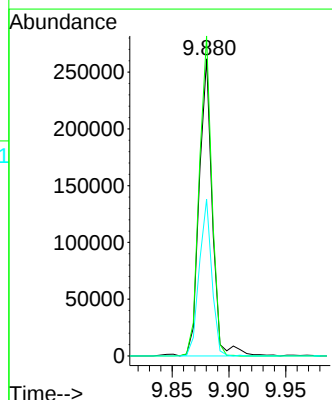
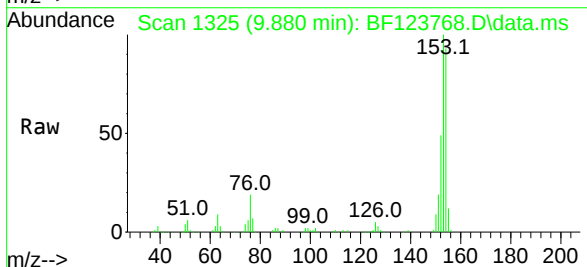
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

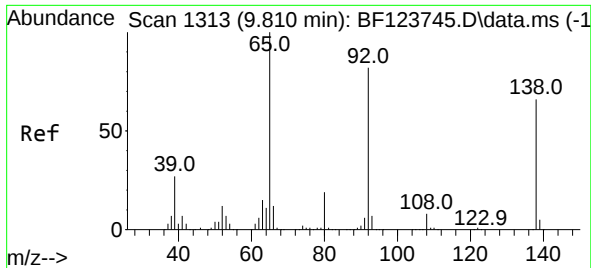
Tgt Ion:165 Resp: 48318
Ion Ratio Lower Upper
165 100
63 75.9 67.7 101.5
89 63.3 58.8 88.2



#52
Acenaphthene
Concen: 9.23 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:154 Resp: 209816
Ion Ratio Lower Upper
154 100
153 107.7 88.1 132.1
152 52.8 43.4 65.0

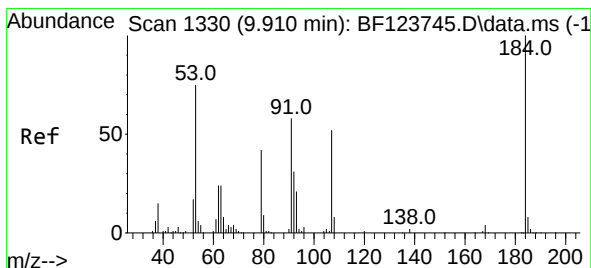
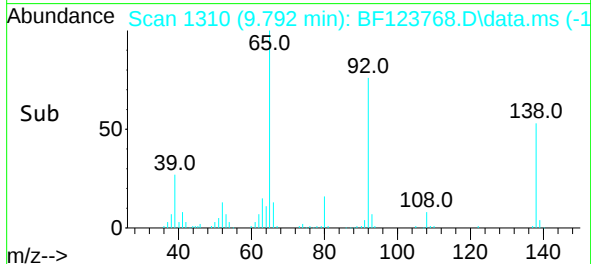
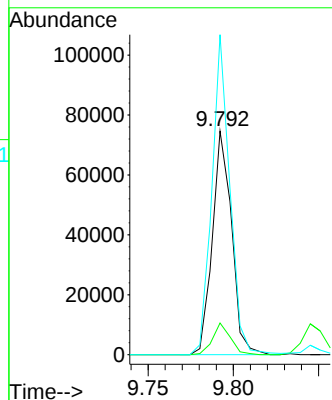
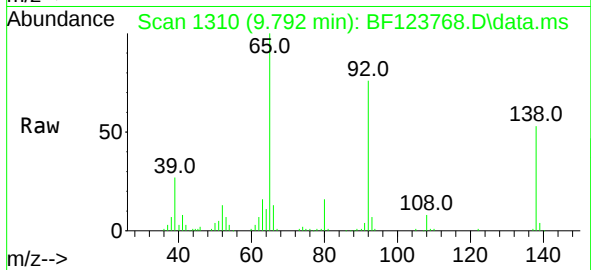




#53
3-Nitroaniline
Concen: 8.06 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

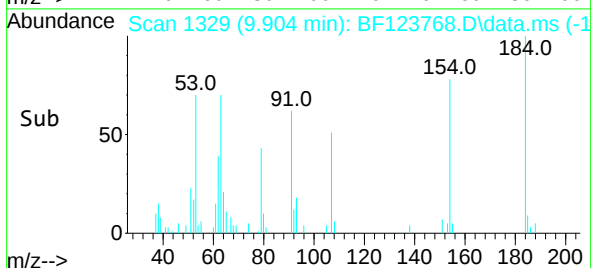
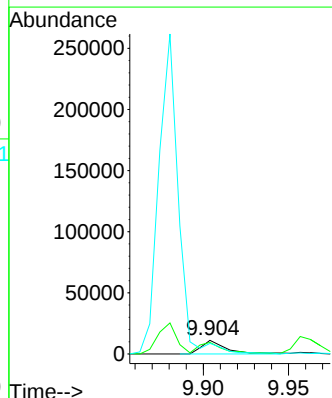
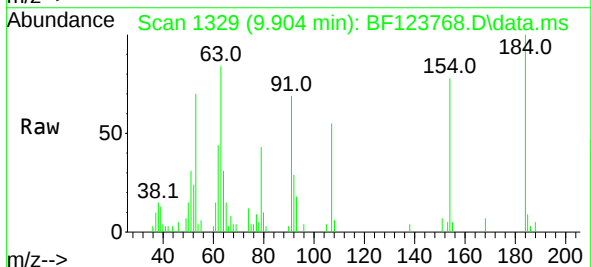
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

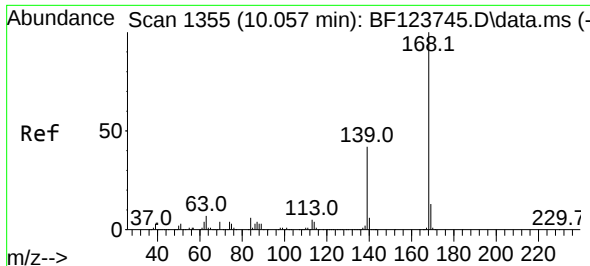
Tgt Ion:138 Resp: 58655
Ion Ratio Lower Upper
138 100
108 14.1 10.2 15.4
92 143.1 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 3.46 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:184 Resp: 11189
Ion Ratio Lower Upper
184 100
63 83.8 73.5 110.3
154 77.7 52.5 78.7

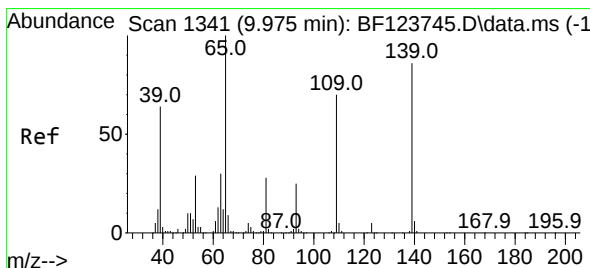
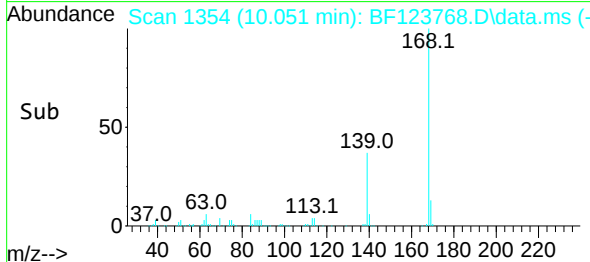
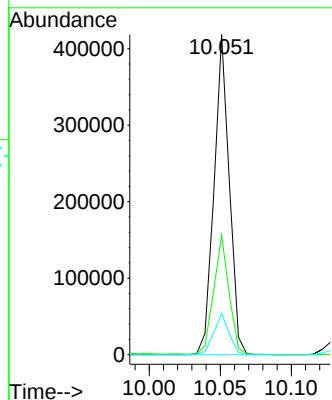
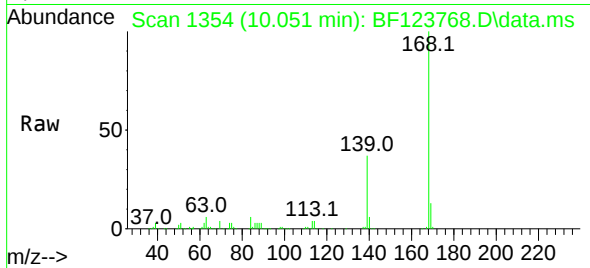




#55
Dibenzenofuran
Concen: 9.03 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

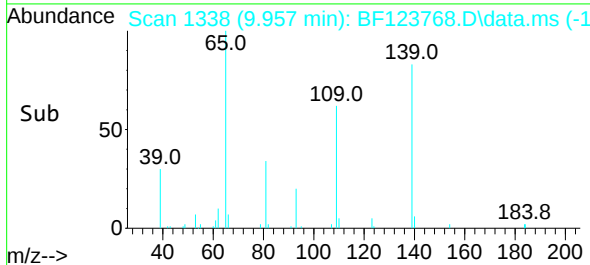
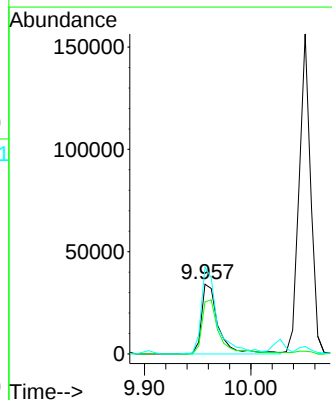
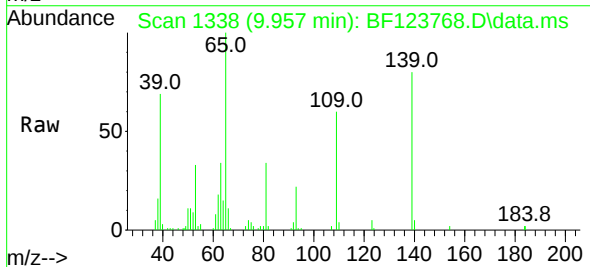
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

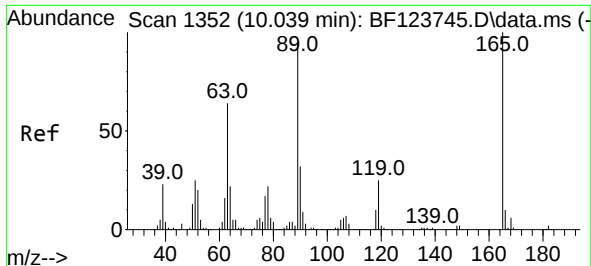
Tgt Ion:168 Resp: 310634
Ion Ratio Lower Upper
168 100
139 37.4 33.2 49.8
169 12.9 10.8 16.2



#56
4-Nitrophenol
Concen: 7.11 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.018 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:139 Resp: 37711
Ion Ratio Lower Upper
139 100
109 74.7 63.2 103.2
65 124.6 110.0 150.0

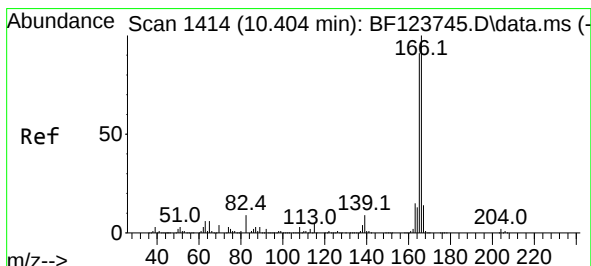
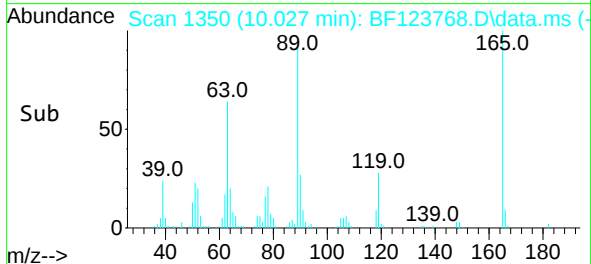
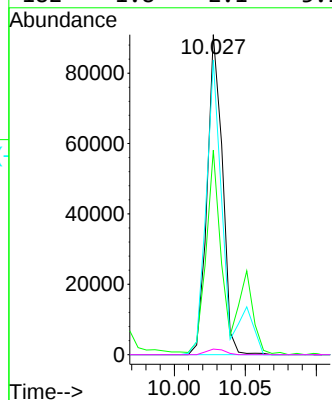
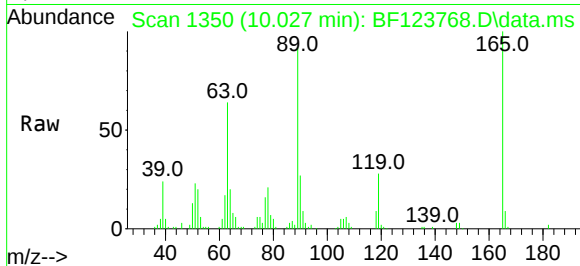




#57
2,4-Dinitrotoluene
Concen: 8.22 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

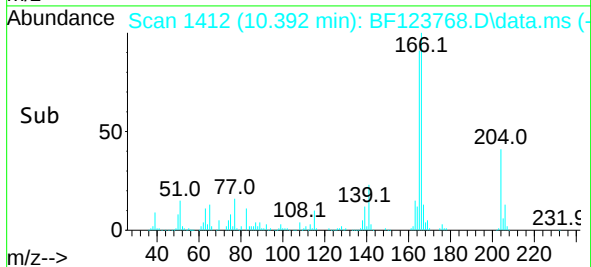
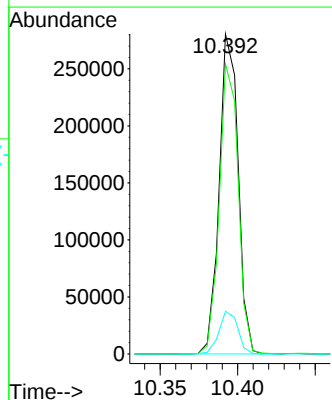
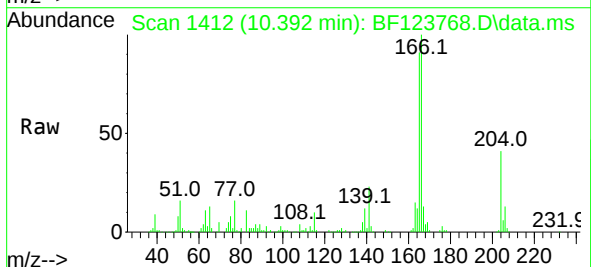
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

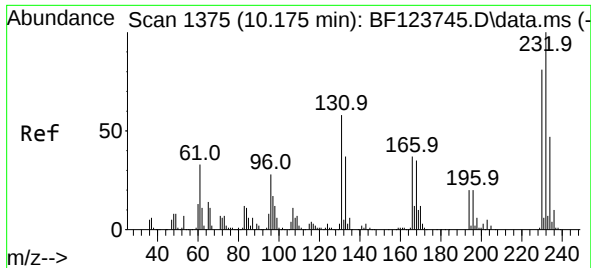
Tgt Ion:165 Resp: 68302
Ion Ratio Lower Upper
165 100
63 63.9 43.5 65.3
89 92.1 67.7 101.5
182 1.8 2.1 3.1#



#58
Fluorene
Concen: 9.02 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:166 Resp: 238322
Ion Ratio Lower Upper
166 100
165 90.6 73.5 110.3
167 13.4 10.7 16.1

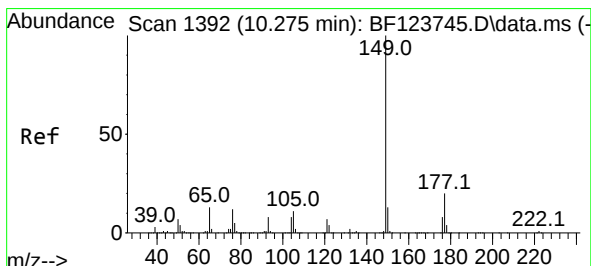
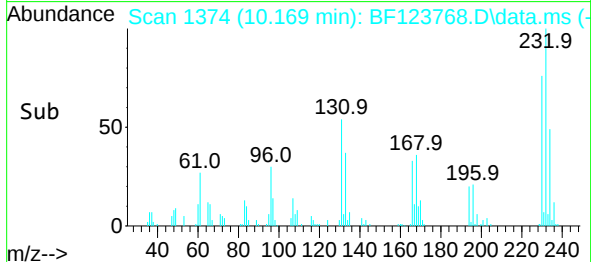
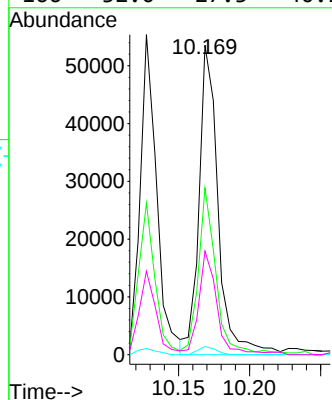
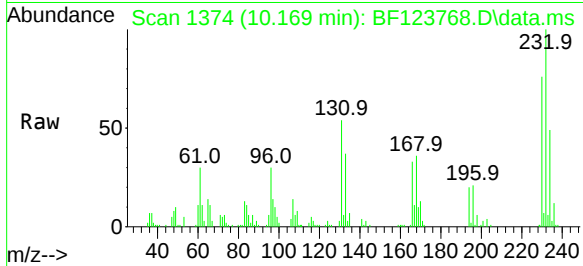




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.78 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

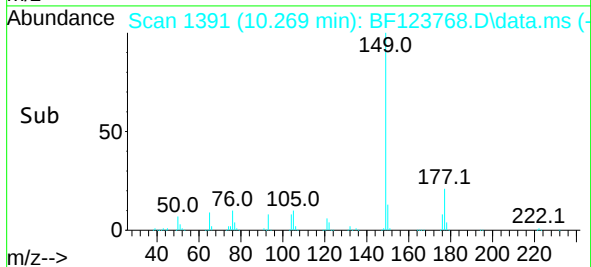
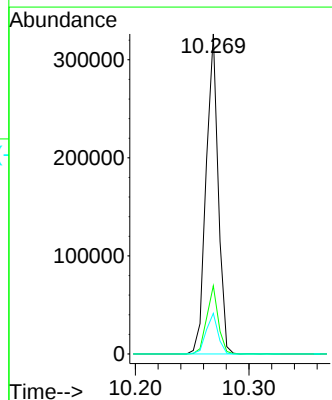
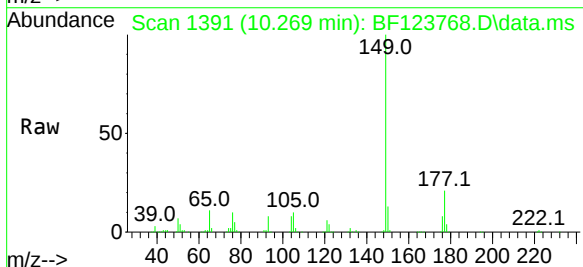
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

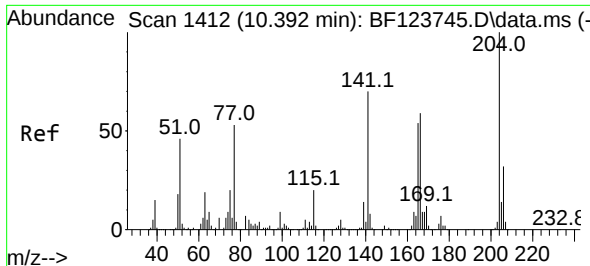
Tgt Ion:	232	Resp:	50143
Ion Ratio	Lower	Upper	
232	100		
131	51.0	43.2	64.8
130	2.4	2.2	3.2
166	32.0	27.3	40.9



#60
Diethylphthalate
Concen: 8.60 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:	149	Resp:	241293
Ion Ratio	Lower	Upper	
149	100		
177	21.3	15.4	23.2
150	12.7	9.9	14.9

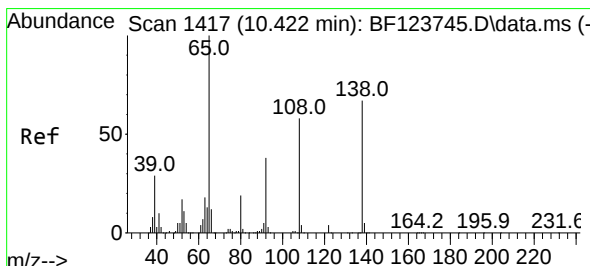
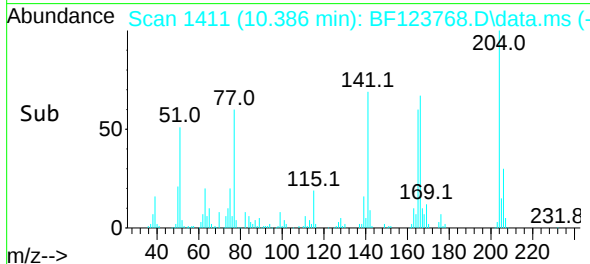
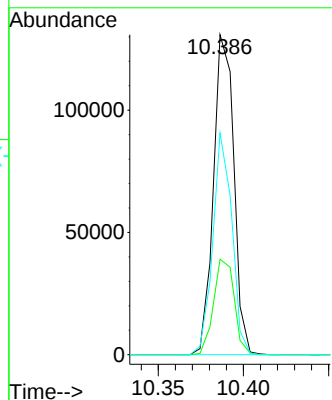
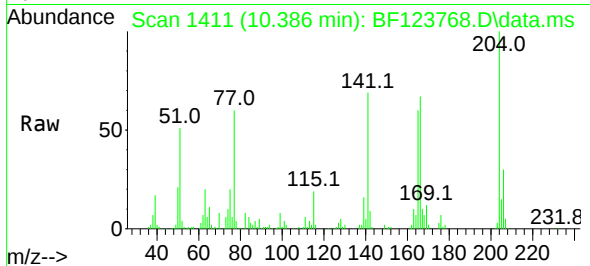




#61
4-Chlorophenyl-phenylether
Concen: 8.83 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

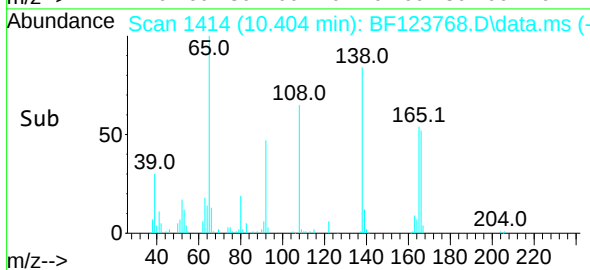
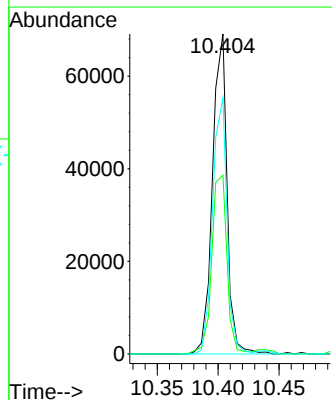
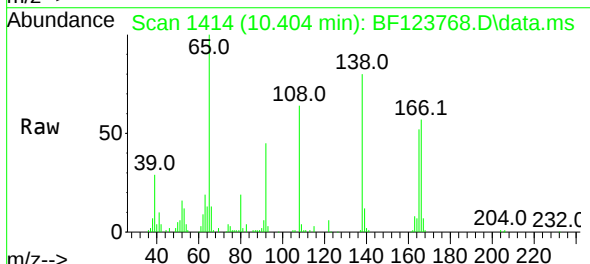
Instrument :
BNA_F
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MDL-SOIL-03-QT1-2021

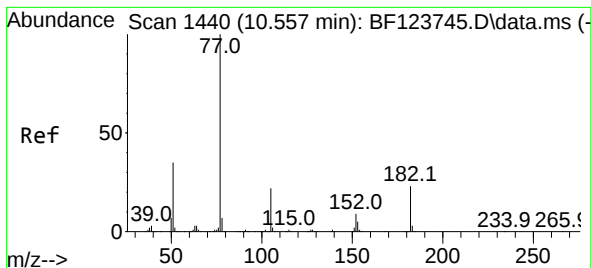
Tgt Ion:204 Resp: 108694
Ion Ratio Lower Upper
204 100
206 29.8 25.7 38.5
141 69.3 55.5 83.3



#62
4-Nitroaniline
Concen: 7.94 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.018 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:138 Resp: 57285
Ion Ratio Lower Upper
138 100
92 55.9 35.8 75.8
108 80.0 63.6 103.6

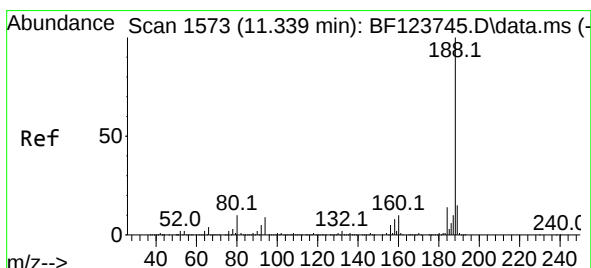
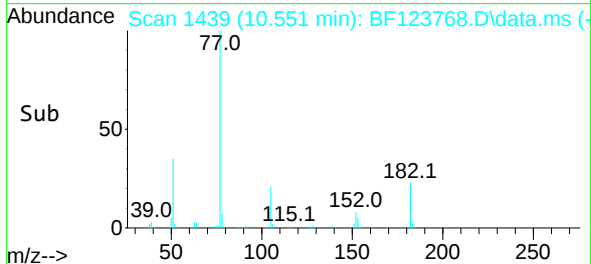
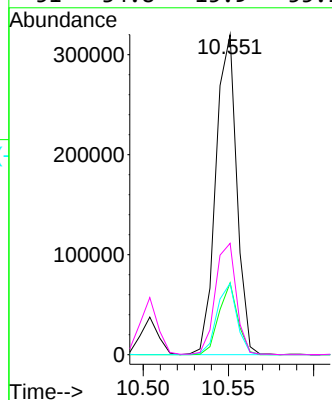
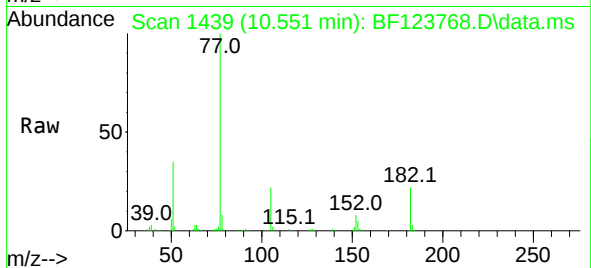




#63
Azobenzene
Concen: 8.47 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

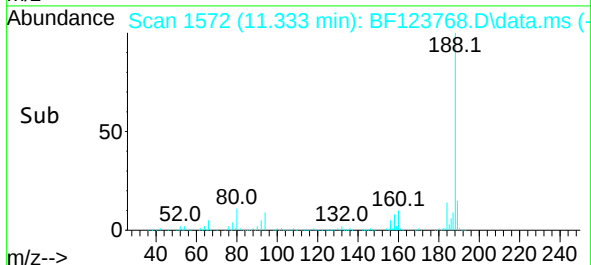
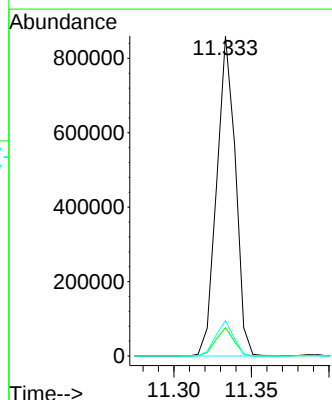
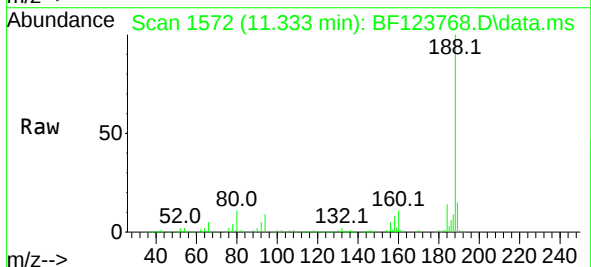
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

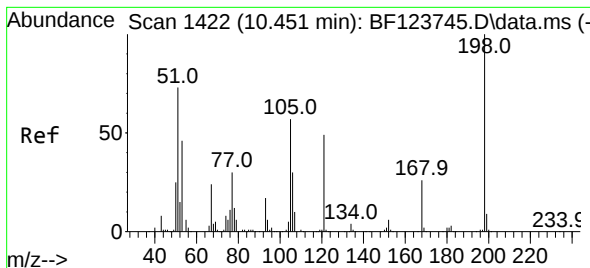
Tgt Ion: 77	Resp: 273092
Ion Ratio	Lower Upper
77 100	
182 22.5	1.7 41.7
105 22.3	1.7 41.7
51 34.8	15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion: 188	Resp: 720957
Ion Ratio	Lower Upper
188 100	
94 8.9	6.9 10.3
80 11.1	8.2 12.2

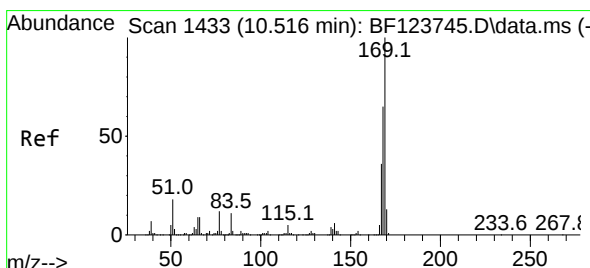
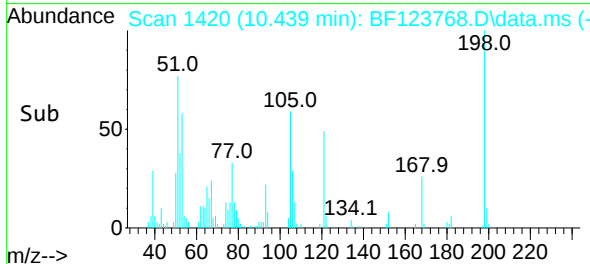
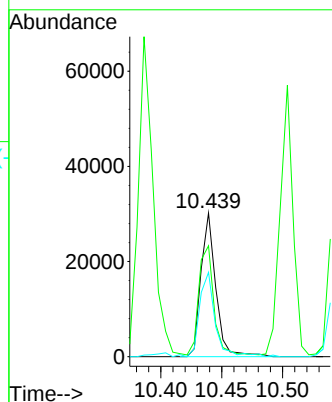
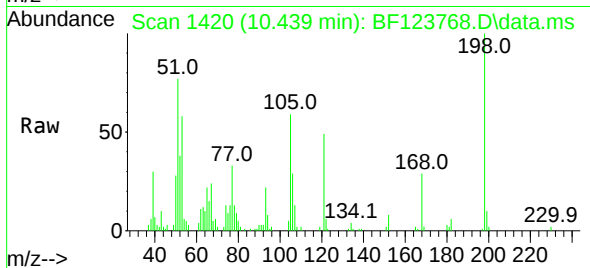




#65
4,6-Dinitro-2-methylphenol
Concen: 5.74 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

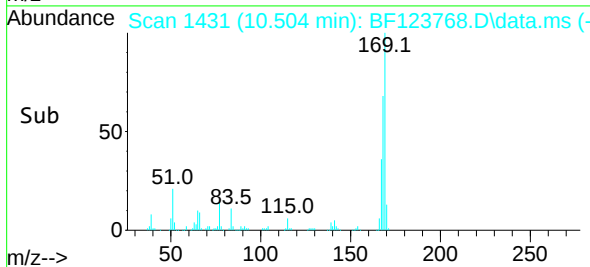
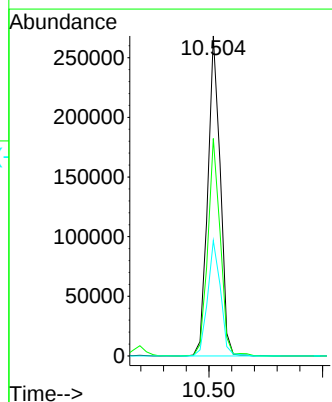
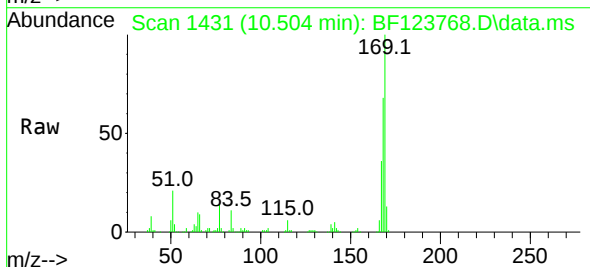
Instrument :
BNA_F
ClientSampleId :
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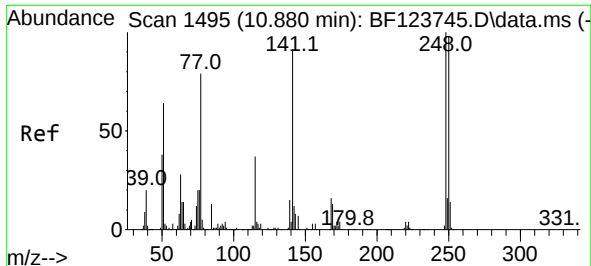
Tgt Ion:198 Resp: 25623
Ion Ratio Lower Upper
198 100
51 77.1 64.8 104.8
105 58.7 42.6 82.6



#66
n-Nitrosodiphenylamine
Concen: 8.65 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:169 Resp: 203963
Ion Ratio Lower Upper
169 100
168 67.9 53.3 79.9
167 36.1 29.9 44.9

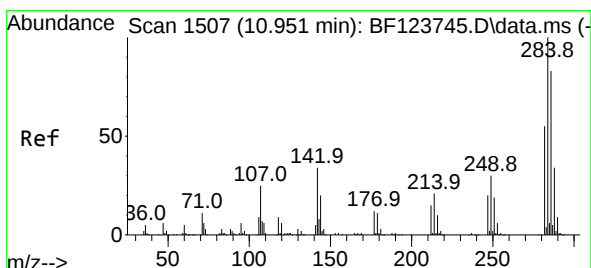
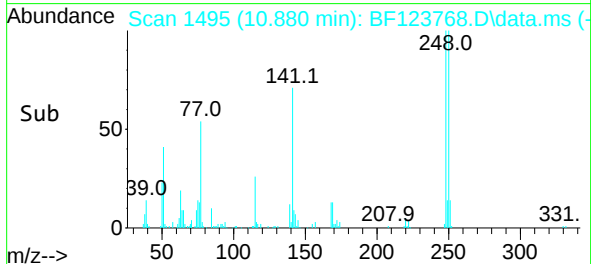
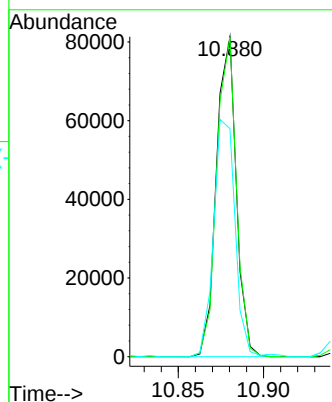
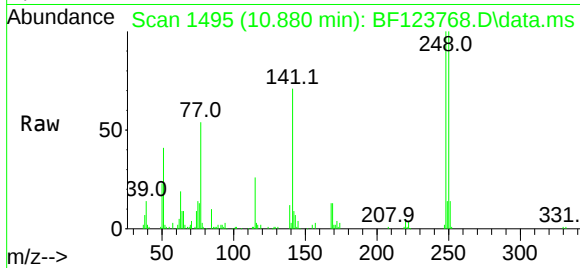




#67
4-Bromophenyl-phenylether
Concen: 8.68 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

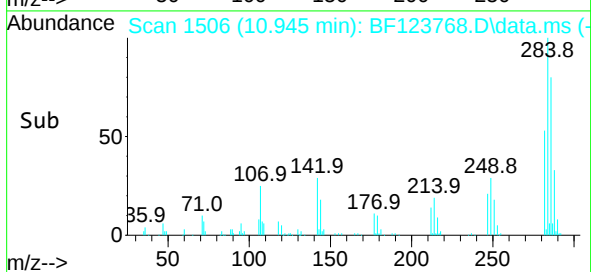
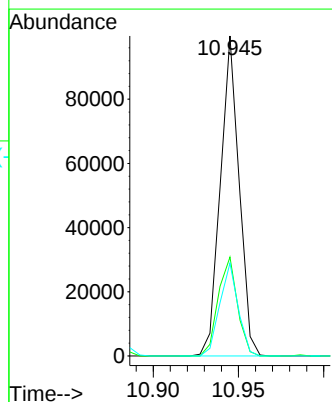
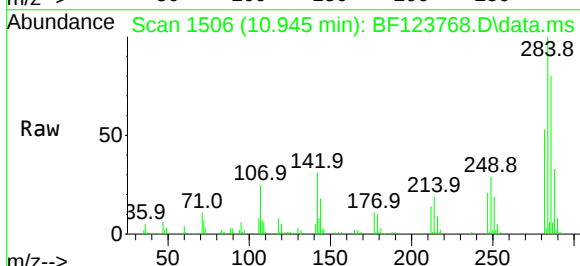
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

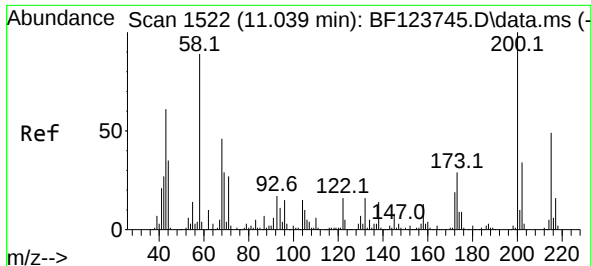
Tgt Ion:248 Resp: 65865
Ion Ratio Lower Upper
248 100
250 99.9 77.4 116.2
141 71.3 63.7 95.5



#68
Hexachlorobenzene
Concen: 8.83 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:284 Resp: 76325
Ion Ratio Lower Upper
284 100
142 30.9 28.3 42.5
249 29.0 23.5 35.3

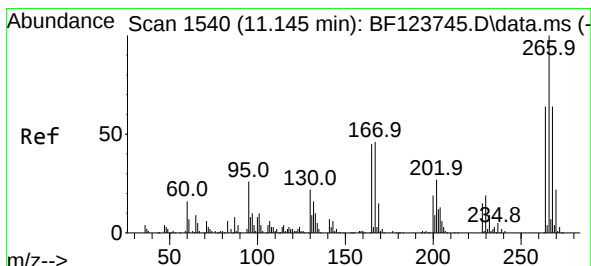
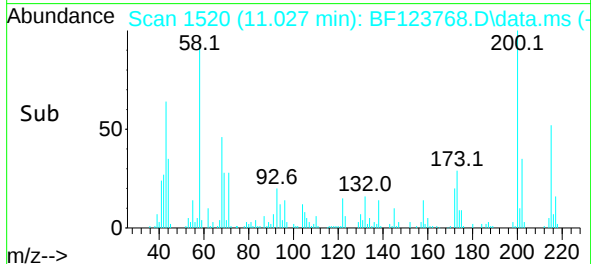
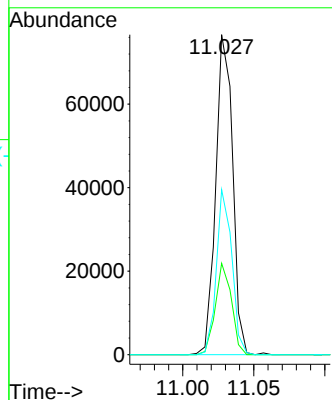
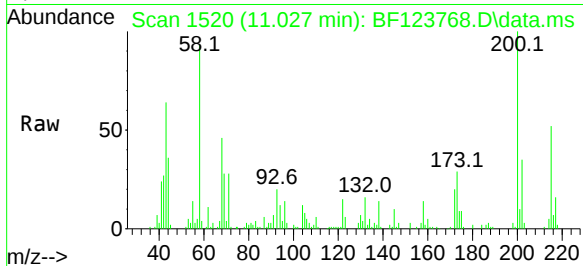




#69
Atrazine
Concen: 8.90 ng
RT: 11.027 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

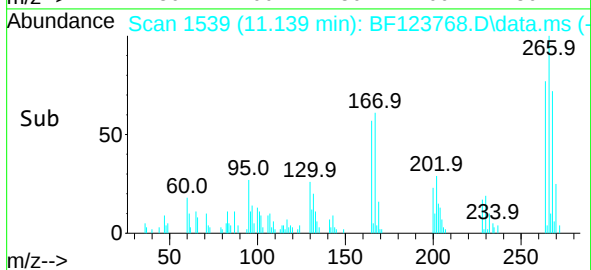
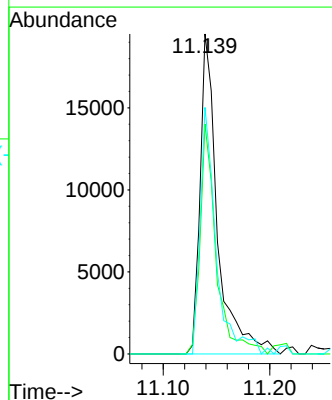
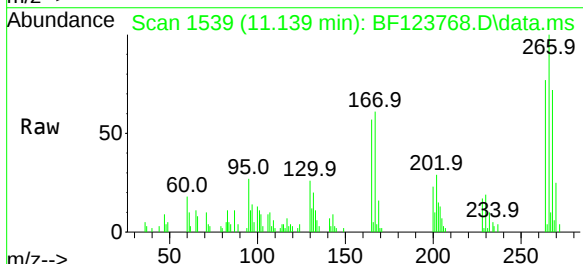
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

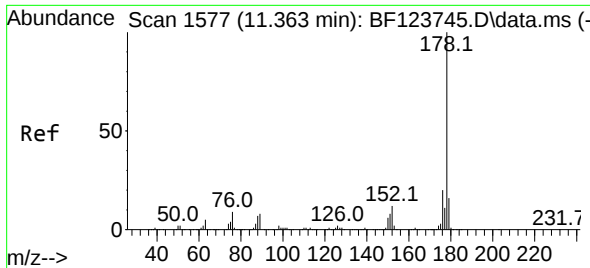
Tgt Ion:200 Resp: 63458
Ion Ratio Lower Upper
200 100
173 28.5 6.9 46.9
215 51.6 26.5 66.5



#70
Pentachlorophenol
Concen: 5.07 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:266 Resp: 22308
Ion Ratio Lower Upper
266 100
268 71.9 51.6 77.4
264 77.0 52.6 78.8

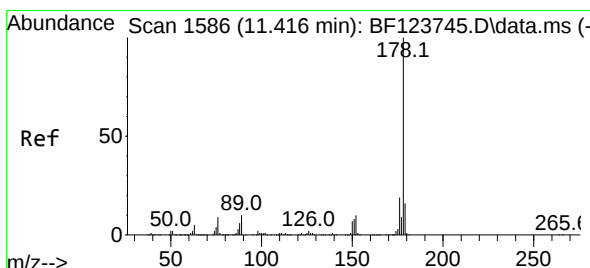
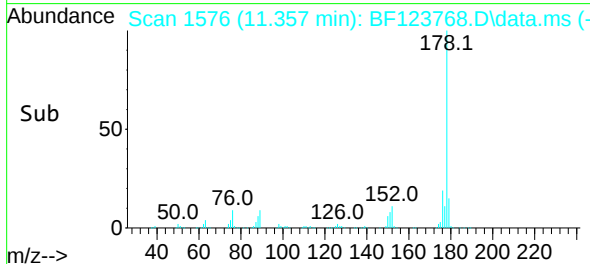
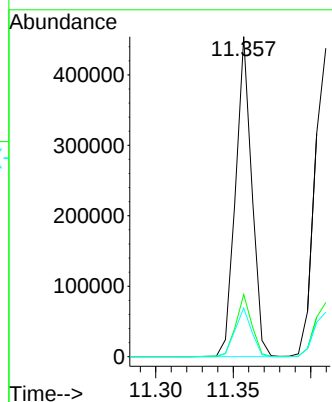
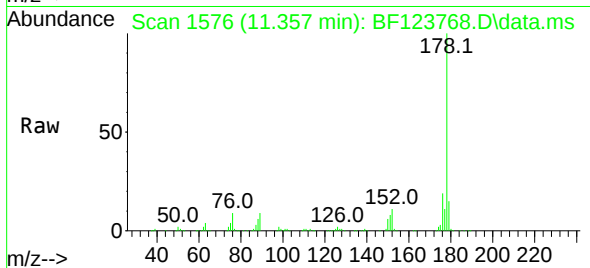




#71
Phenanthrene
Concen: 8.75 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

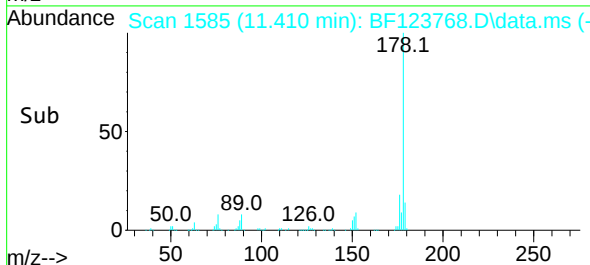
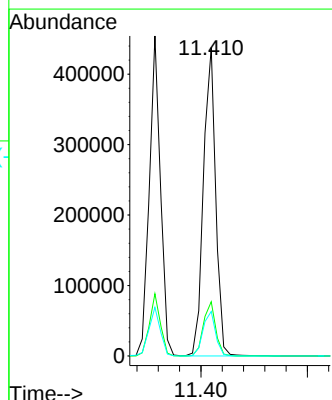
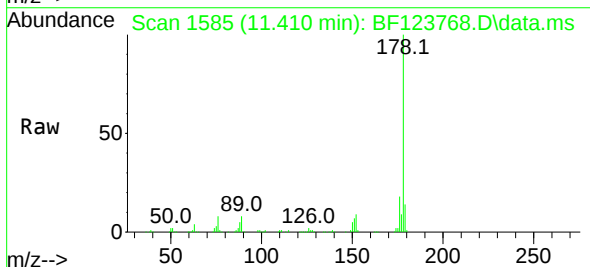
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

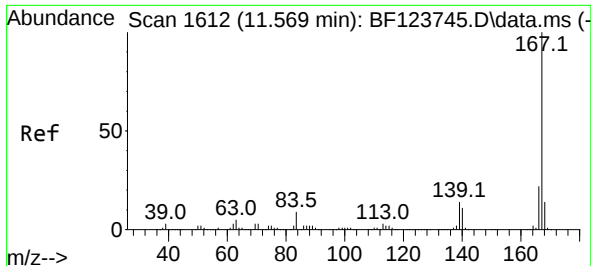
Tgt Ion:178 Resp: 331037
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.5 18.7



#72
Anthracene
Concen: 9.33 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:178 Resp: 350680
Ion Ratio Lower Upper
178 100
176 17.6 15.4 23.0
179 14.4 12.6 18.8

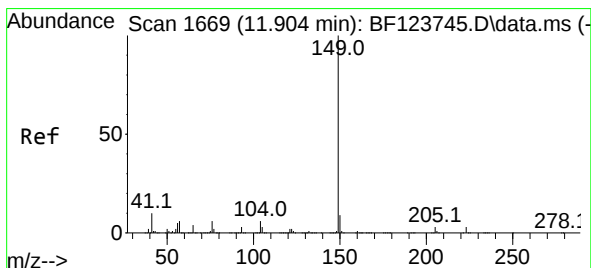
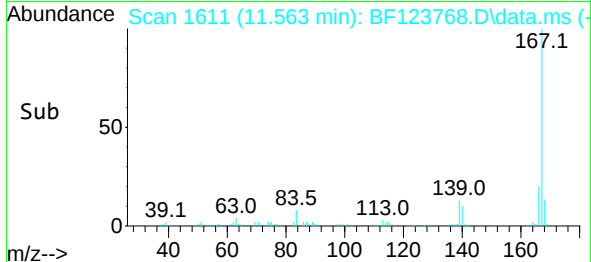
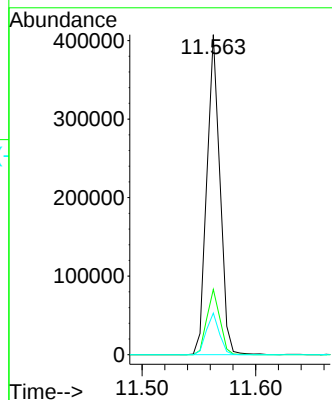
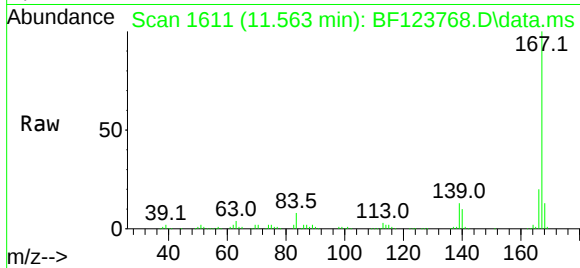




#73
 Carbazole
 Concen: 8.57 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF123768.D
 Acq: 30 Apr 2021 11:17

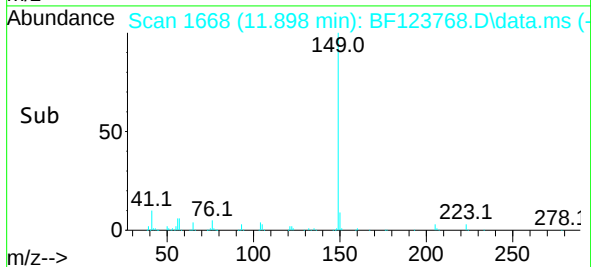
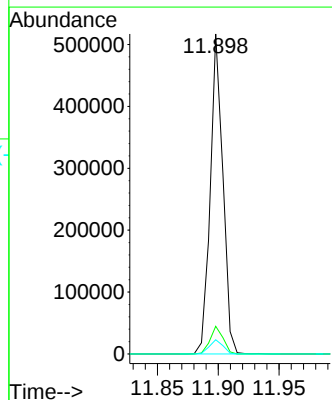
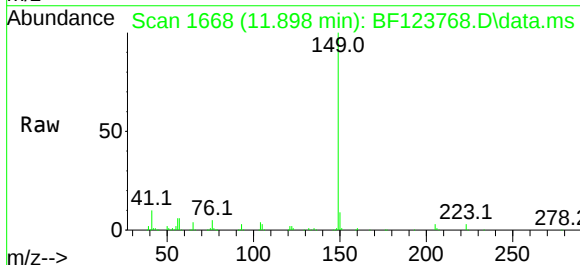
Instrument :
 BNA_F
 ClientSampleId :
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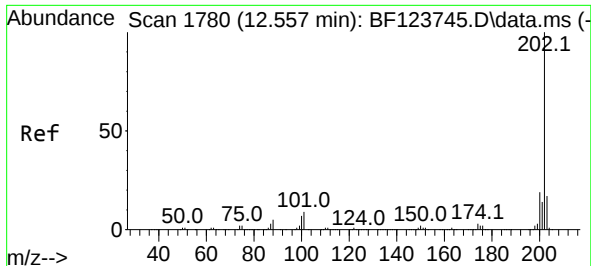
Tgt Ion:167	Resp: 325559
Ion Ratio	Lower Upper
167 100	
166 20.4	17.0 25.6
139 13.0	10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 8.70 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF123768.D
 Acq: 30 Apr 2021 11:17

Tgt Ion:149	Resp: 371043
Ion Ratio	Lower Upper
149 100	
150 8.7	7.8 11.8
104 4.5	4.6 6.8#

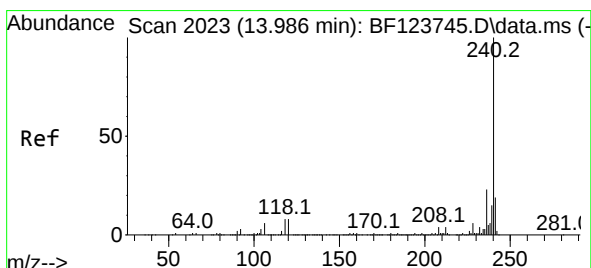
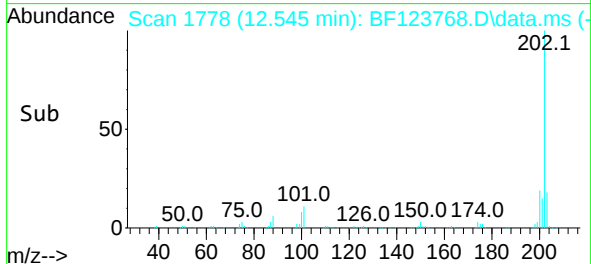
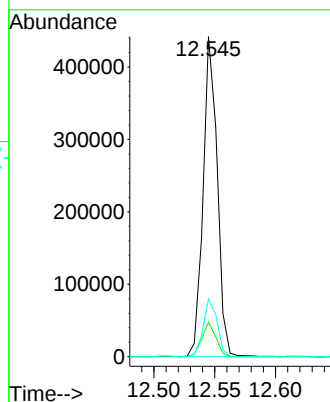
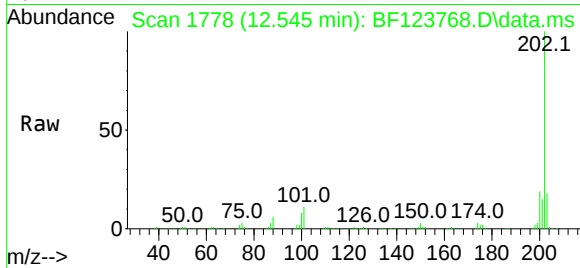




#75
Fluoranthene
Concen: 8.65 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

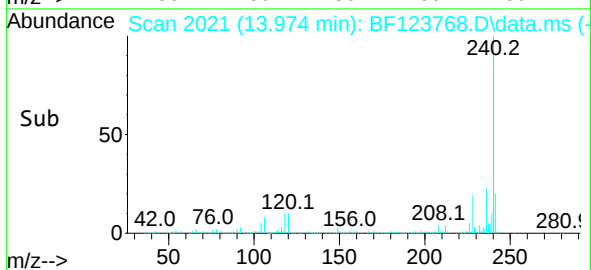
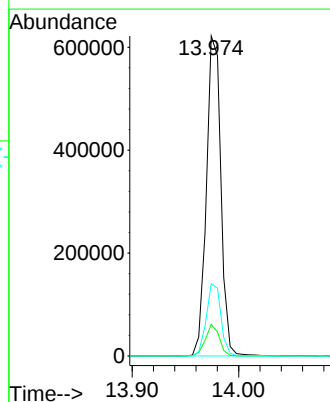
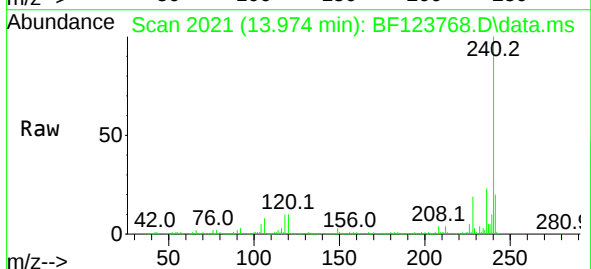
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

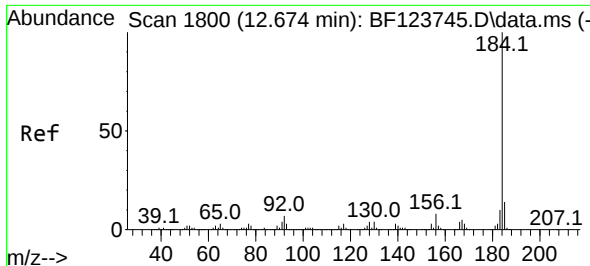
Tgt Ion:202 Resp: 356811
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.9
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:240 Resp: 588948
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 22.5 19.0 28.4

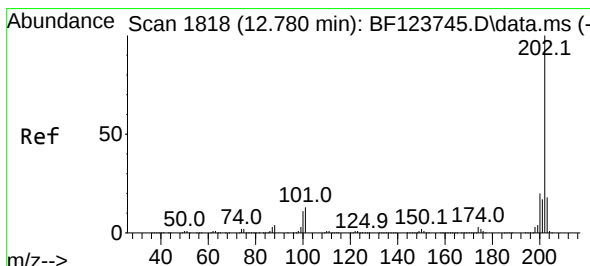
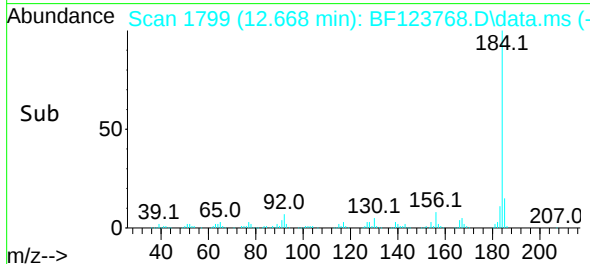
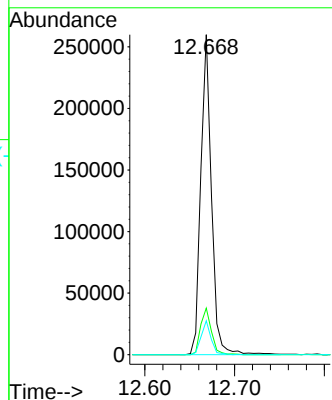
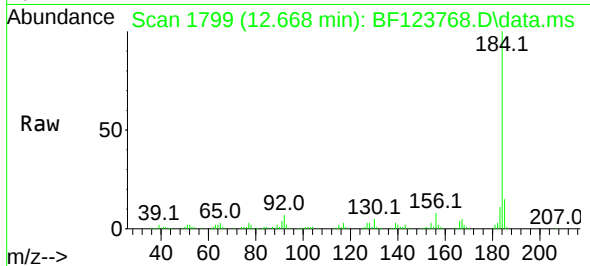




#77
Benzidine
Concen: 14.07 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

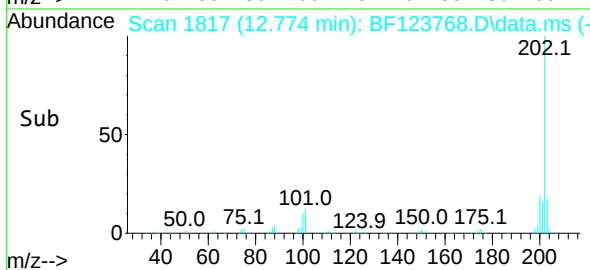
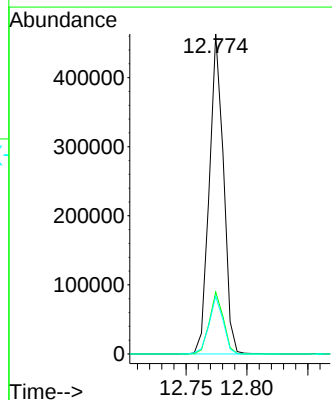
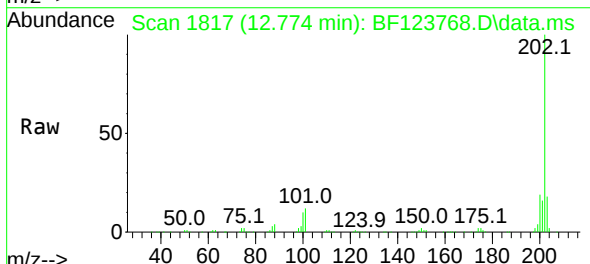
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

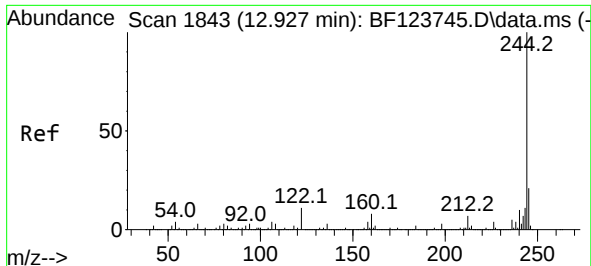
Tgt Ion:184 Resp: 214532
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 10.6 7.8 11.8



#78
Pyrene
Concen: 8.19 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:202 Resp: 374295
Ion Ratio Lower Upper
202 100
200 19.4 16.1 24.1
203 18.1 14.8 22.2

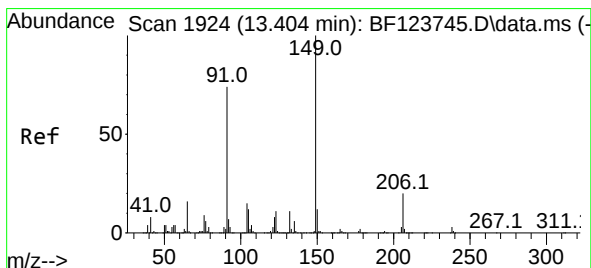
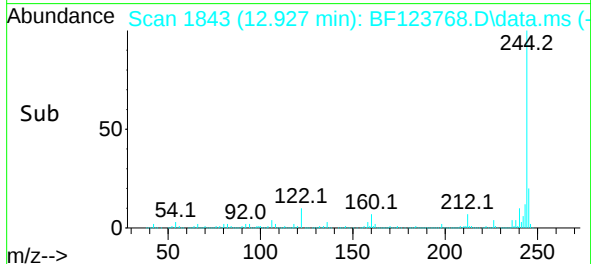
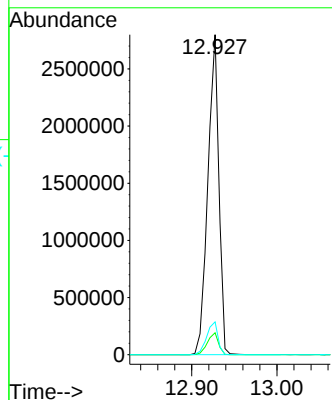
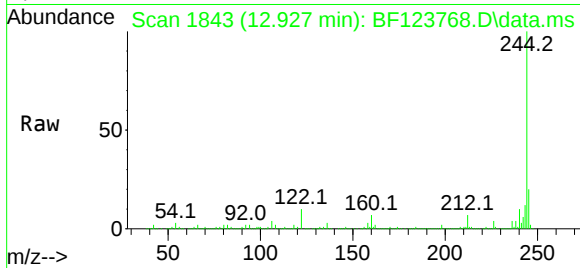




#79
 Terphenyl-d14
 Concen: 82.06 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123768.D
 Acq: 30 Apr 2021 11:17

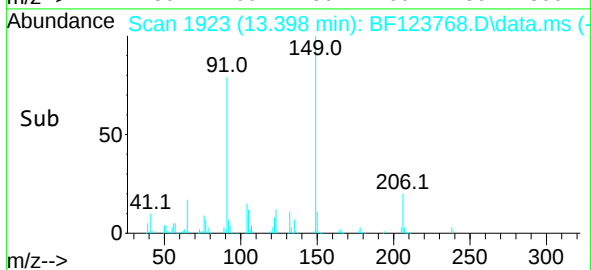
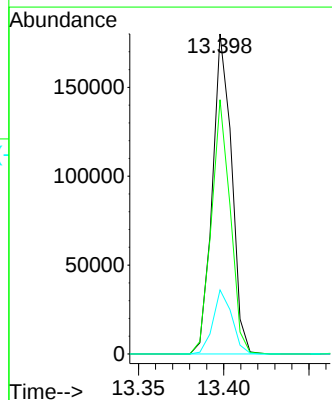
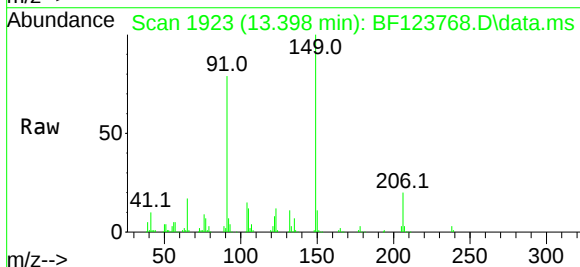
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

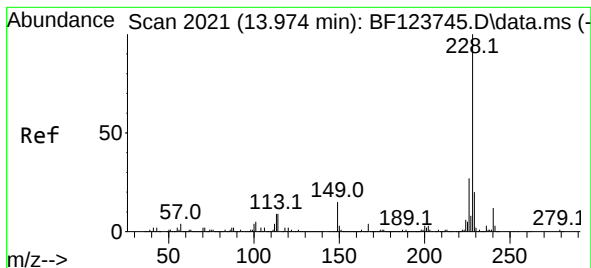
Tgt Ion:244 Resp: 2509853
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.2 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 7.24 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF123768.D
 Acq: 30 Apr 2021 11:17

Tgt Ion:149 Resp: 141451
 Ion Ratio Lower Upper
 149 100
 91 79.5 63.6 95.4
 206 20.0 14.5 21.7

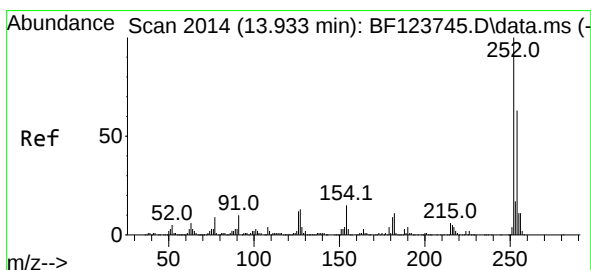
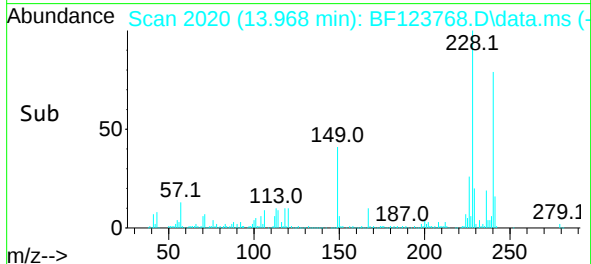
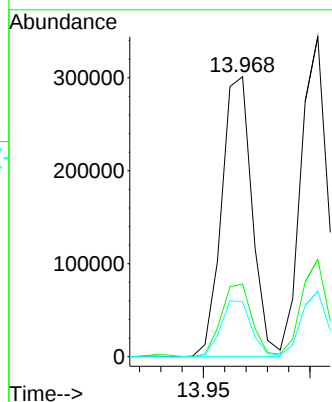
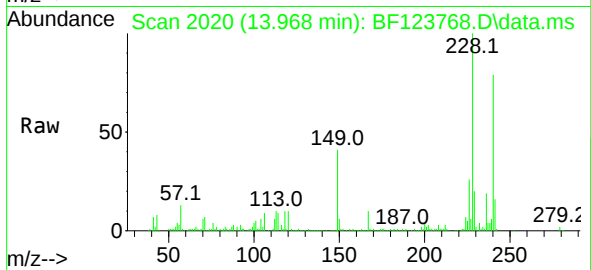




#81
Benzo(a)anthracene
Concen: 8.40 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

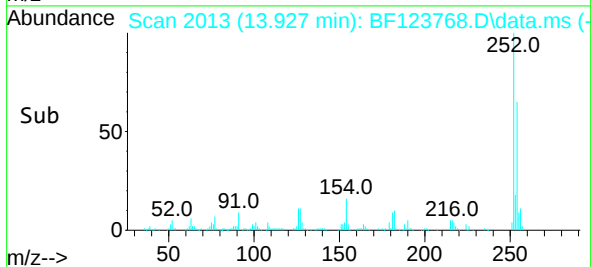
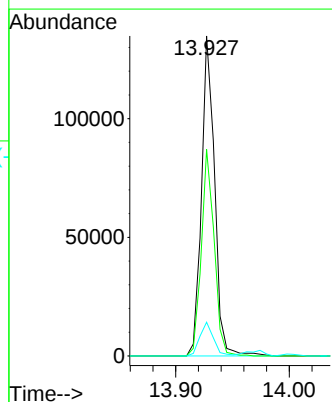
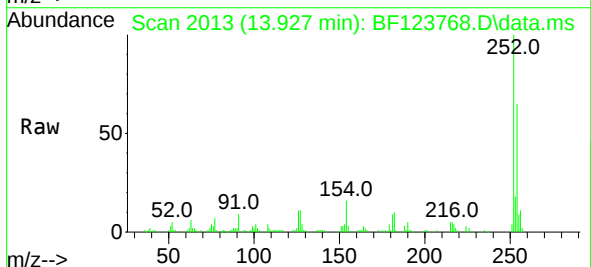
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

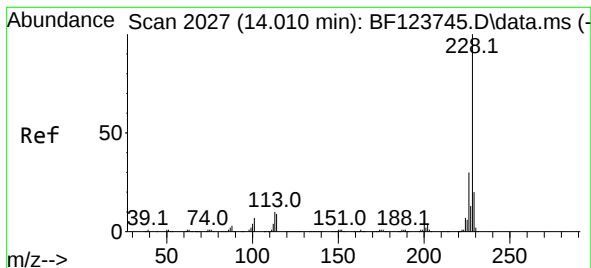
Tgt Ion:228 Resp: 299858
Ion Ratio Lower Upper
228 100
226 25.9 22.4 33.6
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 9.89 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:252 Resp: 108380
Ion Ratio Lower Upper
252 100
254 64.5 51.1 76.7
126 10.6 7.7 11.5





#83

Chrysene

Concen: 8.27 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF123768.D

Acq: 30 Apr 2021 11:17

Tgt Ion:228 Resp: 296907

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

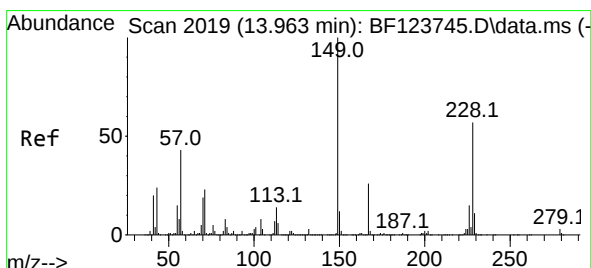
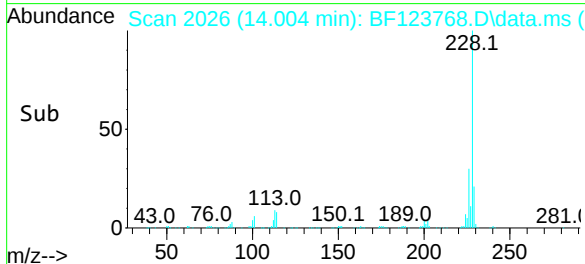
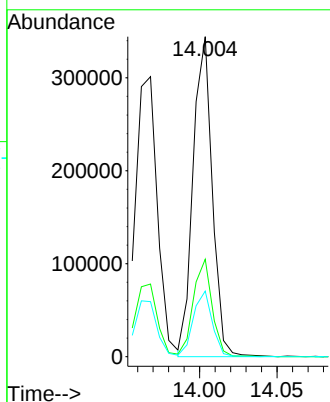
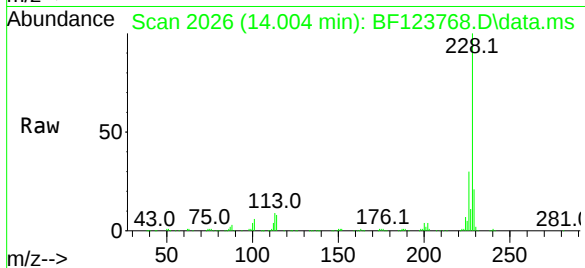
229 20.5 16.2 24.2

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT1-2021



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.95 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF123768.D

Acq: 30 Apr 2021 11:17

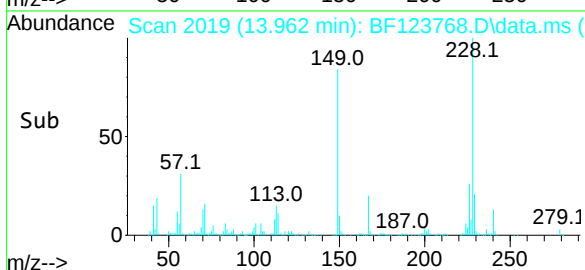
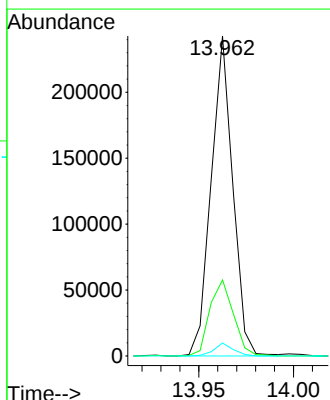
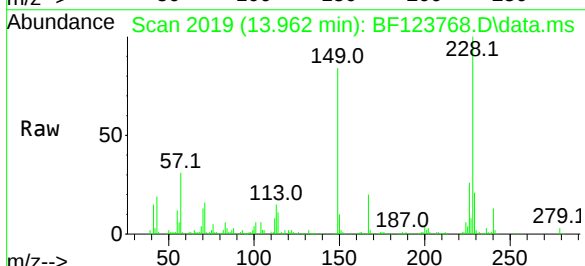
Tgt Ion:149 Resp: 192814

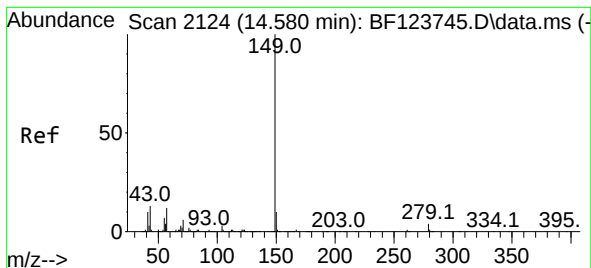
Ion Ratio Lower Upper

149 100

167 23.8 21.8 32.6

279 4.0 3.3 4.9

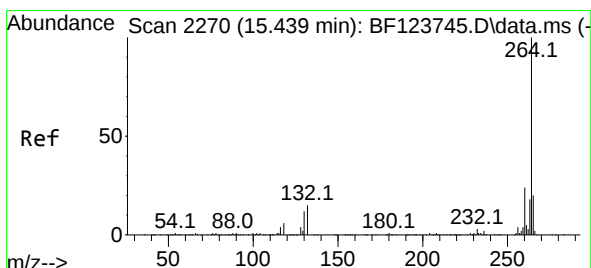
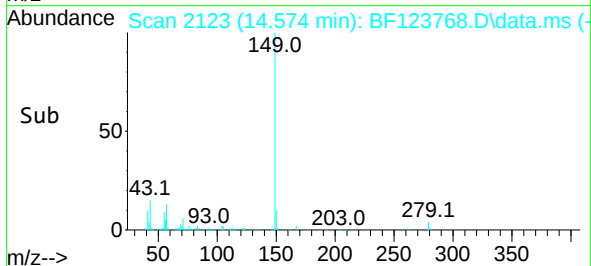
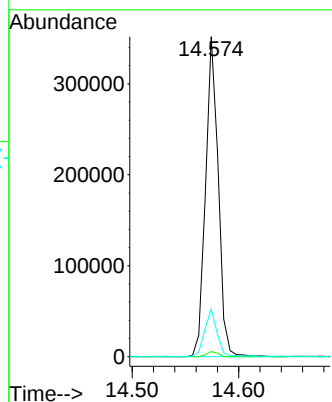
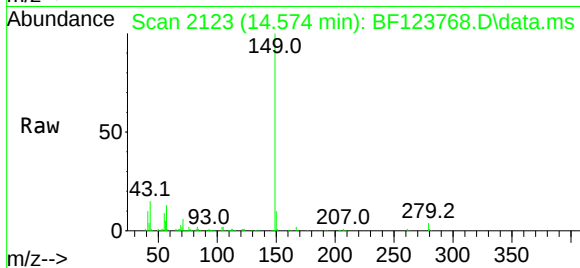




#85
Di-n-octyl phthalate
Concen: 7.54 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

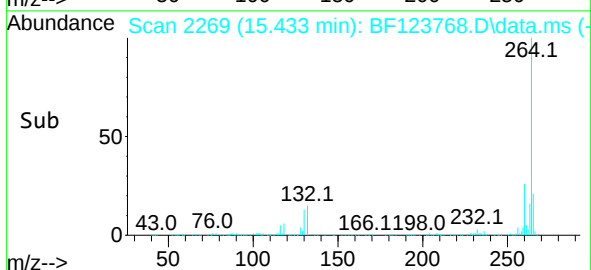
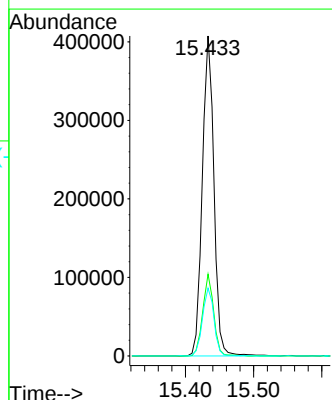
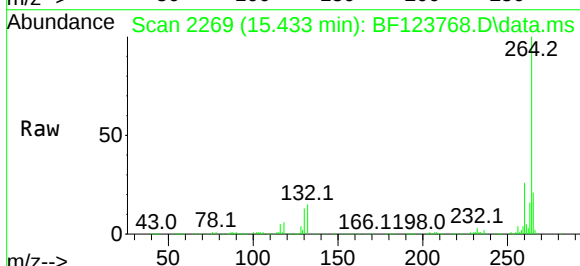
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2021

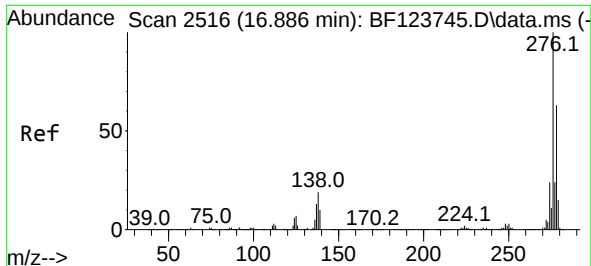
Tgt Ion:149 Resp: 292335
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.6 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:264 Resp: 483430
Ion Ratio Lower Upper
264 100
260 25.6 18.7 28.1
265 21.2 17.8 26.8

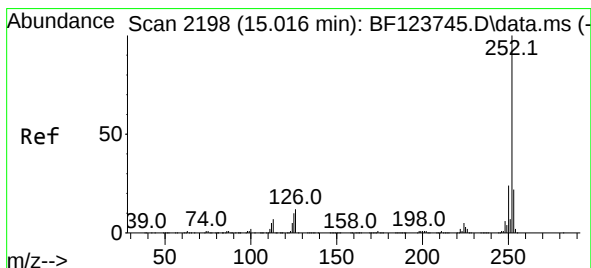
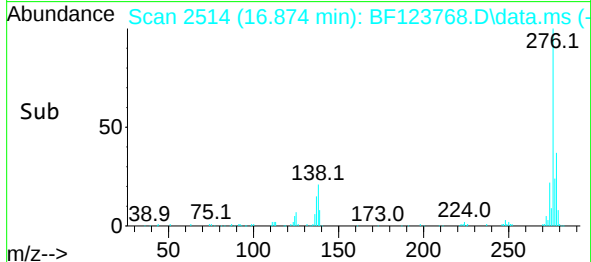
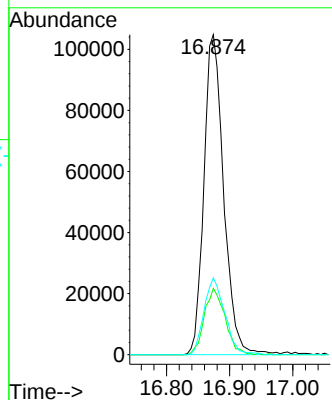
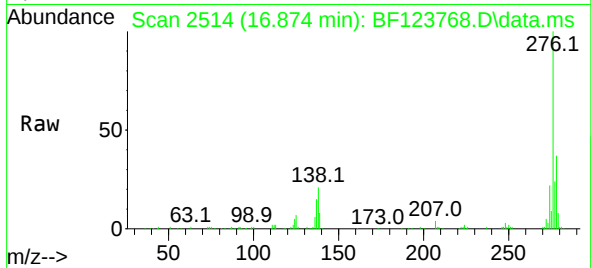




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.07 ng
 RT: 16.874 min Scan# 2514
 Delta R.T. -0.012 min
 Lab File: BF123768.D
 Acq: 30 Apr 2021 11:17

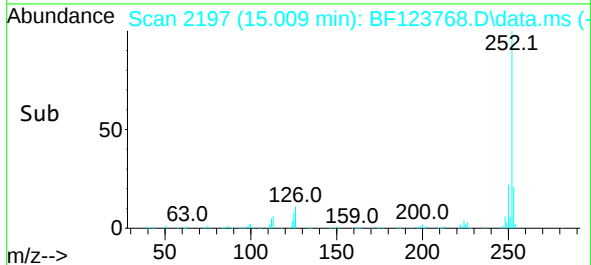
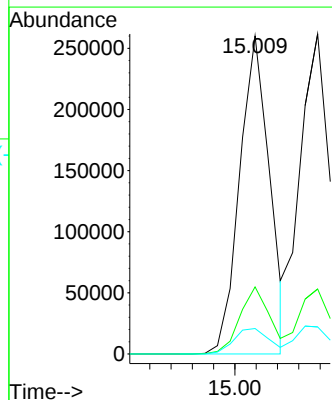
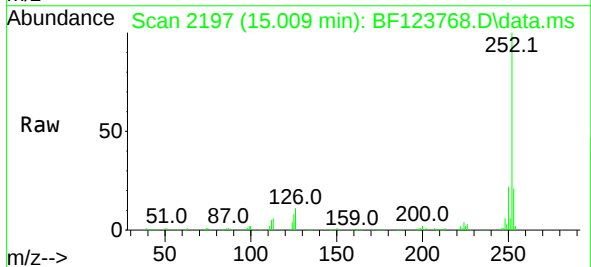
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

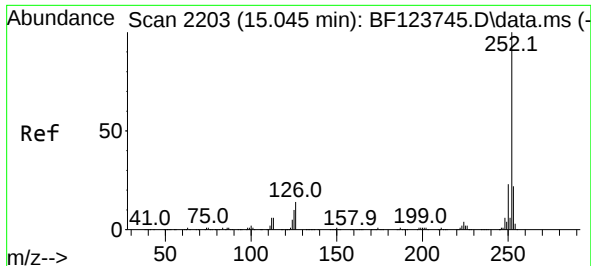
Tgt Ion:276 Resp: 227329
 Ion Ratio Lower Upper
 276 100
 138 21.8 16.2 24.2
 277 25.1 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 7.84 ng
 RT: 15.009 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF123768.D
 Acq: 30 Apr 2021 11:17

Tgt Ion:252 Resp: 255307
 Ion Ratio Lower Upper
 252 100
 253 21.1 18.1 27.1
 125 8.0 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 8.52 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BF123768.D

Acq: 30 Apr 2021 11:17

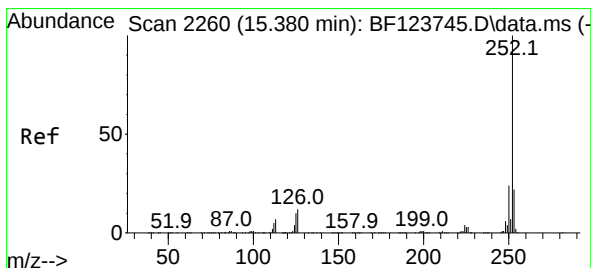
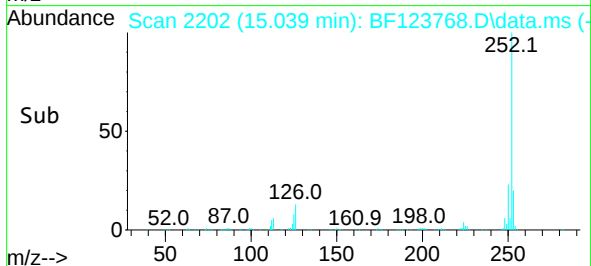
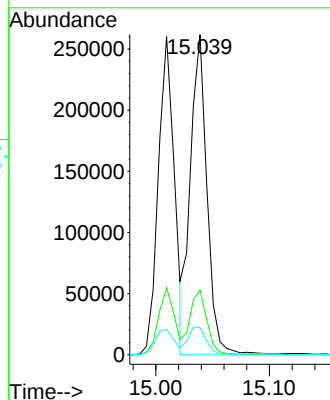
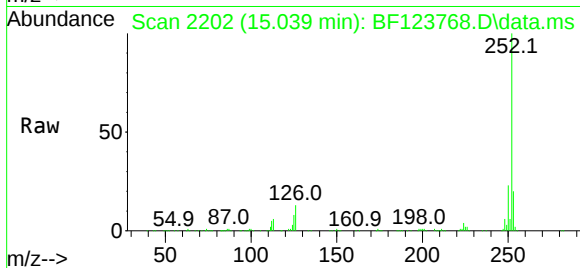
Tgt Ion:252 Resp: 264964

Ion Ratio Lower Upper

252 100

253 20.3 17.9 26.9

125 8.5 7.0 10.6



#90

Benzo(a)pyrene

Concen: 8.51 ng

RT: 15.368 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF123768.D

Acq: 30 Apr 2021 11:17

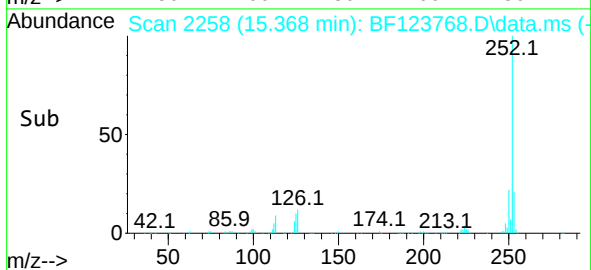
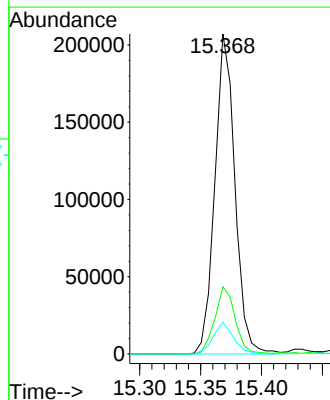
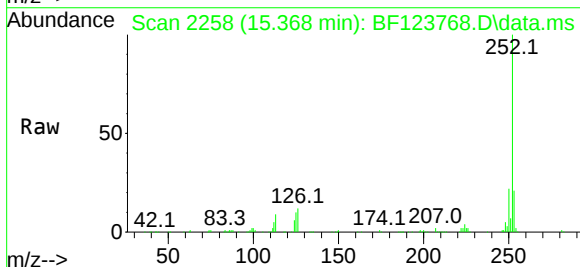
Tgt Ion:252 Resp: 237048

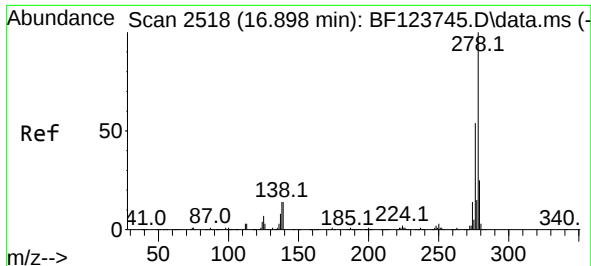
Ion Ratio Lower Upper

252 100

253 21.0 18.4 27.6

125 9.9 8.0 12.0

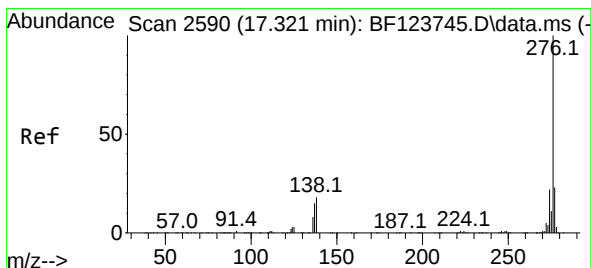
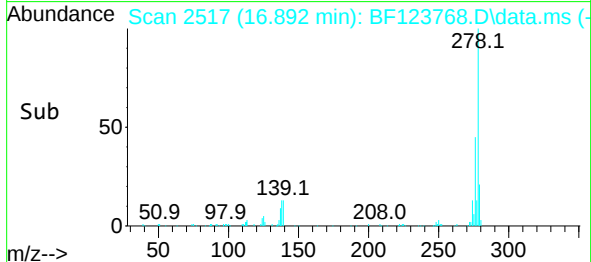
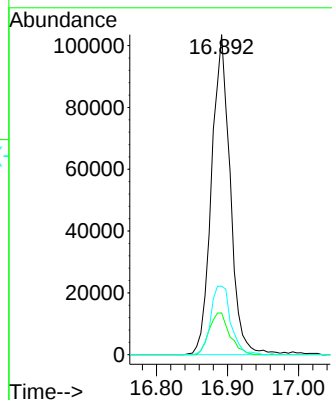
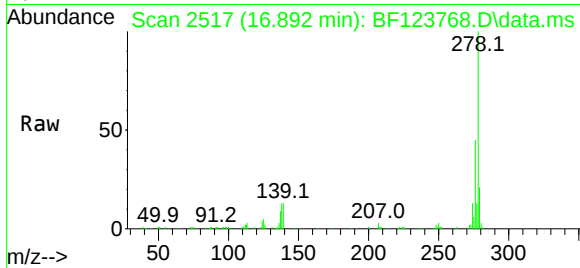




#91
Dibenzo(a,h)anthracene
Concen: 7.91 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.006 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

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

Tgt Ion:278 Resp: 187943
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.2
279 21.4 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 7.81 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BF123768.D
Acq: 30 Apr 2021 11:17

Tgt Ion:276 Resp: 185880
Ion Ratio Lower Upper
276 100
277 22.6 18.2 27.2
138 17.4 13.8 20.6

