

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
 Data File : BF124944.D
 Acq On : 5 Aug 2021 10:36
 Operator : JU/CG
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: Aug 05 11:10:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	7720	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	29307	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	16332	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	29971	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	22811	20.000	ng	0.00
86) Perylene-d12	15.456	264	19275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	50558	107.279	ng	0.00
7) Phenol-d6	6.469	99	63917	107.560	ng	0.00
23) Nitrobenzene-d5	7.398	82	36774	65.641	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	15821	108.430	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	75024	67.216	ng	0.00
79) Terphenyl-d14	12.945	244	92507	68.407	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	466	2.643	ng	# 100
3) Pyridine	3.446	79	391	0.954	ng	# 62
4) n-Nitrosodimethylamine	3.293	42	503	1.729	ng	84
6) Aniline	6.498	93	2872	4.575	ng	92
8) 2-Chlorophenol	6.622	128	1809	3.499	ng	87
9) Benzaldehyde	6.386	77	1578	4.881	ng	# 84
10) Phenol	6.481	94	2216	3.614	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	1976	4.296	ng	96
12) 1,3-Dichlorobenzene	6.775	146	2109	3.748	ng	95
13) 1,4-Dichlorobenzene	6.851	146	2327	4.137	ng	# 93
14) 1,2-Dichlorobenzene	6.851	146	2327	4.414	ng	93
15) Benzyl Alcohol	6.975	79	1812	4.227	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.110	45	2790	3.786	ng	75
17) 2-Methylphenol	7.081	107	1523	3.936	ng	# 86
18) Hexachloroethane	7.345	117	798	3.624	ng	94
19) n-Nitroso-di-n-propyla...	7.239	70	1293	3.667	ng	# 86
20) 3+4-Methylphenols	7.233	107	2011	3.915	ng	# 83
22) Acetophenone	7.239	105	2930	4.082	ng	# 94
24) Nitrobenzene	7.416	77	2144	3.955	ng	95
25) Isophorone	7.651	82	3334	3.487	ng	# 93
26) 2-Nitrophenol	7.733	139	872	3.168	ng	# 73
27) 2,4-Dimethylphenol	7.769	122	1647	4.221	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	2241	4.118	ng	97
29) 2,4-Dichlorophenol	7.975	162	1376	3.165	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	1796	3.686	ng	93
31) Naphthalene	8.139	128	6013	3.993	ng	# 95
32) Benzoic acid	7.769	122	1647	13.458	ng	# 18
33) 4-Chloroaniline	8.186	127	2292	4.085	ng	# 95
34) Hexachlorobutadiene	8.257	225	1077	3.702	ng	# 89
35) Caprolactam	8.516	113	283	2.451	ng	96
36) 4-Chloro-3-methylphenol	8.663	107	1633	3.591	ng	91
37) 2-Methylnaphthalene	8.828	142	3771	3.725	ng	96
38) 1-Methylnaphthalene	8.928	142	3677	3.882	ng	94
40) 1,2,4,5-Tetrachloroben...	8.998	216	1756	3.746	ng	# 97
43) 2,4,6-Trichlorophenol	9.110	196	954	3.057	ng	94
44) 2,4,5-Trichlorophenol	9.145	196	1016	3.216	ng	96

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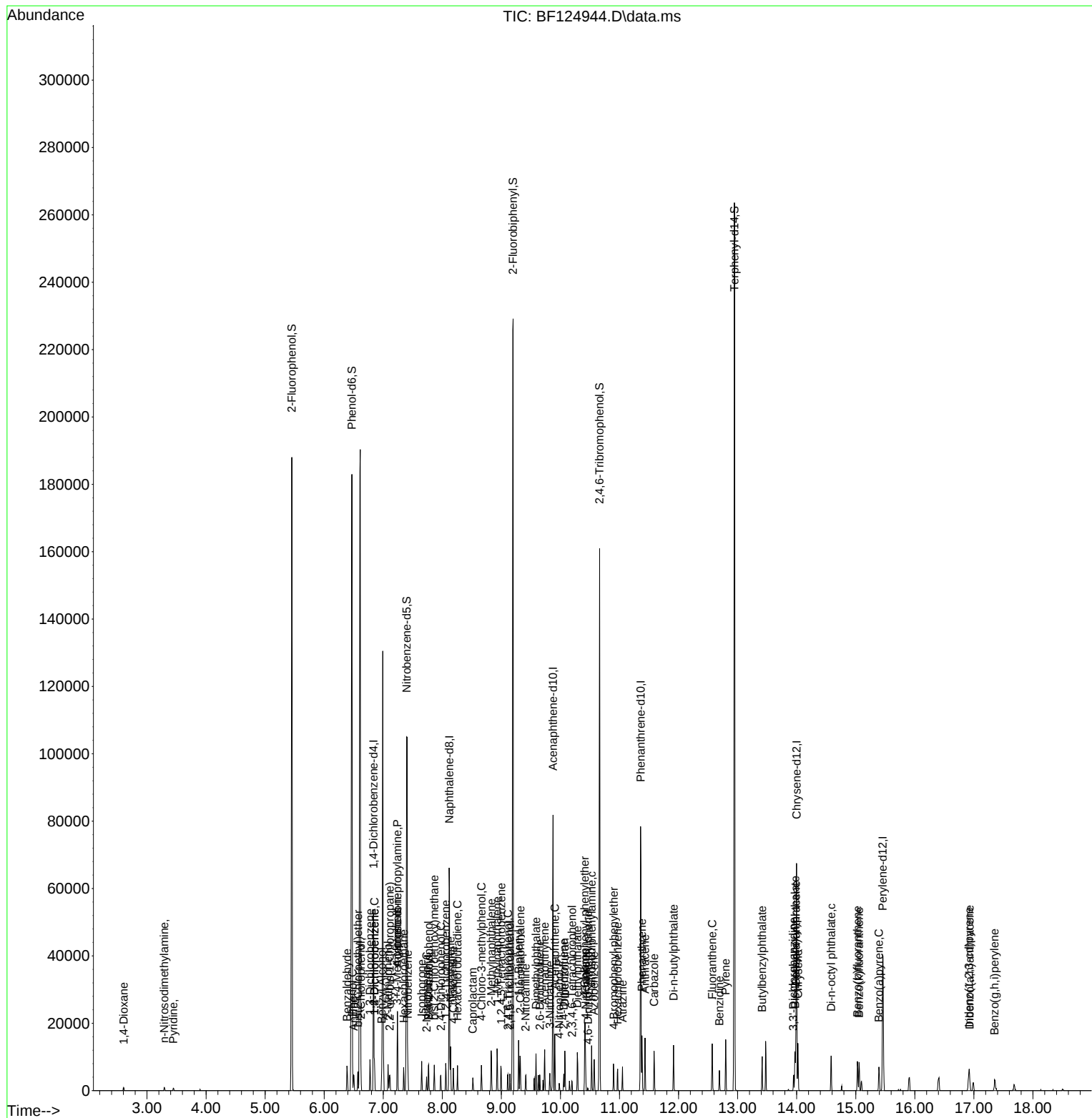
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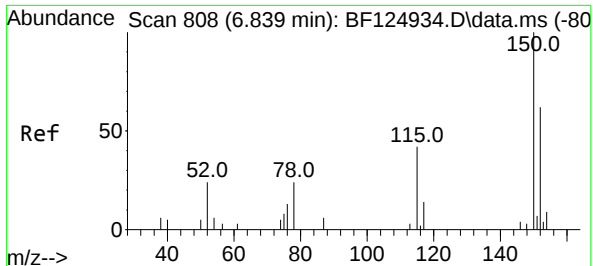
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.292	154	4838	3.975	ng	98
47) 2-Chloronaphthalene	9.322	162	3611	3.729	ng	93
48) 2-Nitroaniline	9.410	65	1065	3.744	ng #	85
49) Acenaphthylene	9.733	152	5677	3.860	ng #	92
50) Dimethylphthalate	9.586	163	4298	3.883	ng #	88
51) 2,6-Dinitrotoluene	9.651	165	901	3.656	ng #	91
52) Acenaphthene	9.904	154	3194	3.582	ng	89
53) 3-Nitroaniline	9.822	138	1028	3.960	ng #	79
55) Dibenzofuran	10.074	168	5066	3.635	ng	95
56) 4-Nitrophenol	9.980	139	512	2.992	ng #	81
57) 2,4-Dinitrotoluene	10.057	165	1154	3.449	ng	91
58) Fluorene	10.422	166	4141	3.876	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.198	232	724	3.055	ng #	64
60) Diethylphthalate	10.286	149	4518	3.978	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	1999	3.962	ng #	94
62) 4-Nitroaniline	10.427	138	863	3.424	ng #	81
63) Azobenzene	10.569	77	3886	3.499	ng	95
65) 4,6-Dinitro-2-methylph...	10.469	198	344	1.832	ng #	22
66) n-Nitrosodiphenylamine	10.527	169	3460	3.562	ng	97
67) 4-Bromophenyl-phenylether	10.904	248	1088	3.314	ng #	80
68) Hexachlorobenzene	10.969	284	1241	3.475	ng #	78
69) Atrazine	11.051	200	1083	3.710	ng	87
71) Phenanthrene	11.380	178	6056	3.725	ng #	94
72) Anthracene	11.433	178	6350	3.893	ng #	93
73) Carbazole	11.586	167	5094	3.406	ng	98
74) Di-n-butylphthalate	11.916	149	7217	3.797	ng #	96
75) Fluoranthene	12.568	202	6166	3.666	ng	99
77) Benzidine	12.692	184	3104	5.086	ng	99
78) Pyrene	12.798	202	6200	3.451	ng	97
80) Butylbenzylphthalate	13.415	149	2898	3.624	ng	92
81) Benzo(a)anthracene	13.986	228	5389	3.625	ng	97
82) 3,3'-Dichlorobenzidine	13.945	252	1845	4.708	ng #	93
83) Chrysene	14.021	228	5237	3.644	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	3709	3.344	ng #	92
85) Di-n-octyl phthalate	14.586	149	6306	3.604	ng #	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	3647	3.177	ng #	92
88) Benzo(b)fluoranthene	15.027	252	4919	3.635	ng #	95
89) Benzo(k)fluoranthene	15.057	252	4368	3.548	ng #	90
90) Benzo(a)pyrene	15.392	252	4361	3.784	ng	96
91) Dibenzo(a,h)anthracene	16.927	278	3458	3.426	ng	95
92) Benzo(g,h,i)perylene	17.350	276	3146	3.250	ng	91

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

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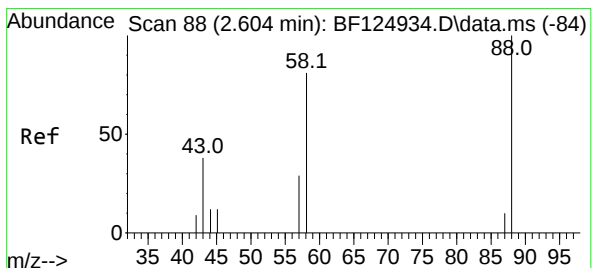
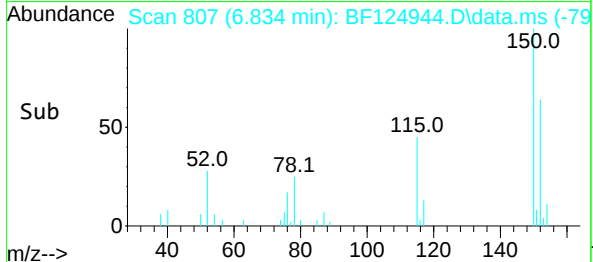
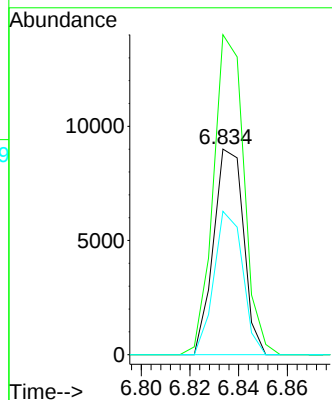
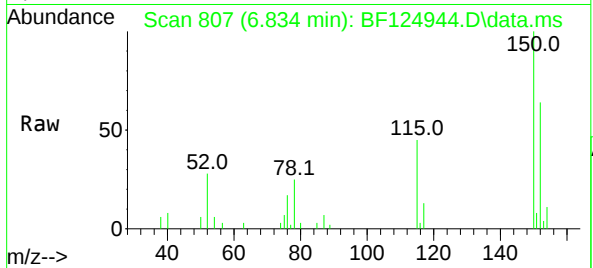




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.005 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

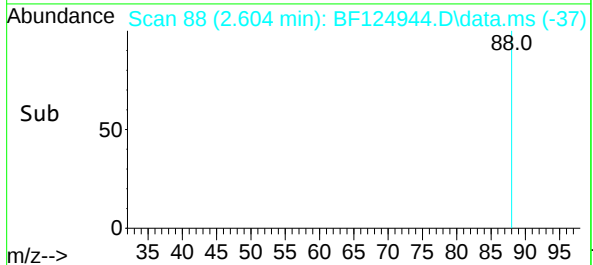
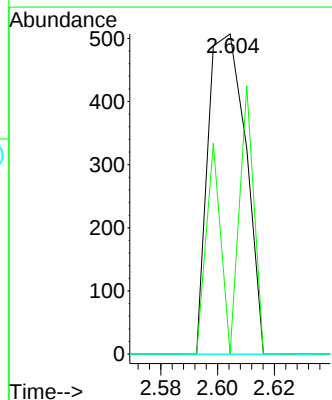
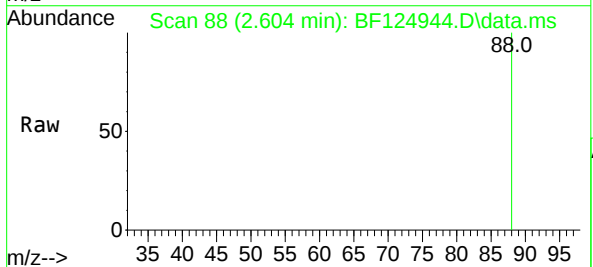
Instrument :
BNA_F
ClientSampleId :
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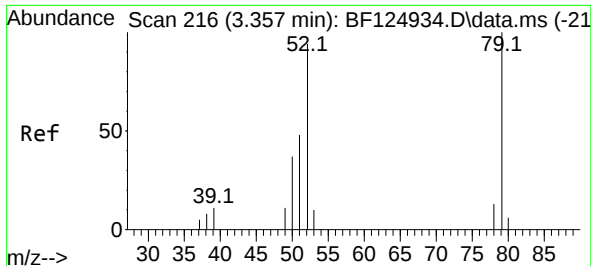
Tgt Ion:152 Resp: 7720
Ion Ratio Lower Upper
152 100
150 155.6 117.6 176.4
115 69.7 47.1 70.7



#2
1,4-Dioxane
Concen: 2.643 ng
RT: 2.604 min Scan# 88
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion: 88 Resp: 466
Ion Ratio Lower Upper
88 100
58 25.3 0.0 0.0#
43 0.0 0.0 0.0

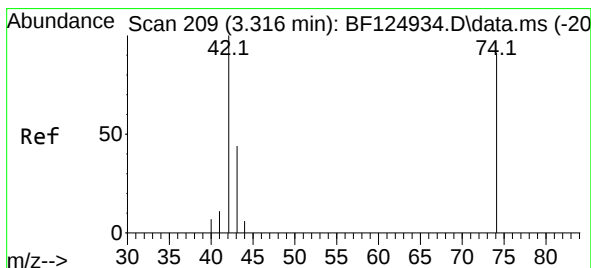
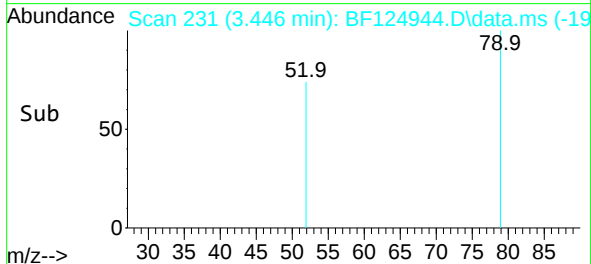
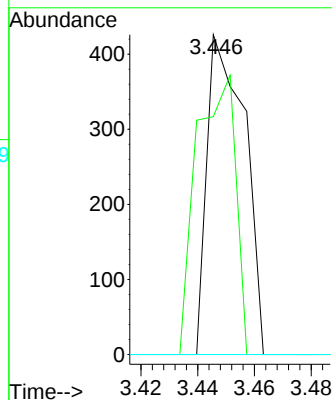
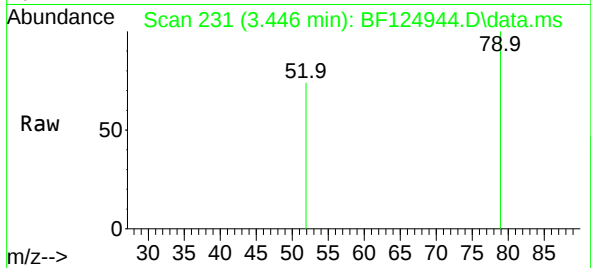




#3
Pyridine
Concen: 0.954 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.088 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

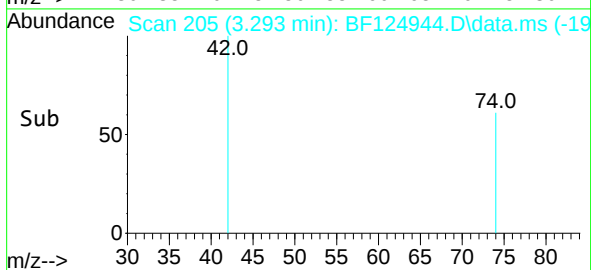
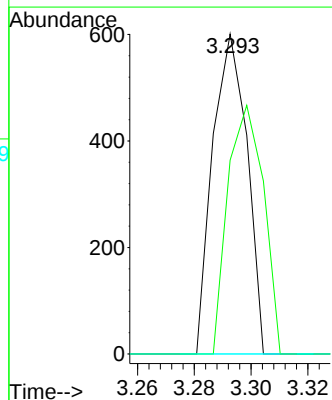
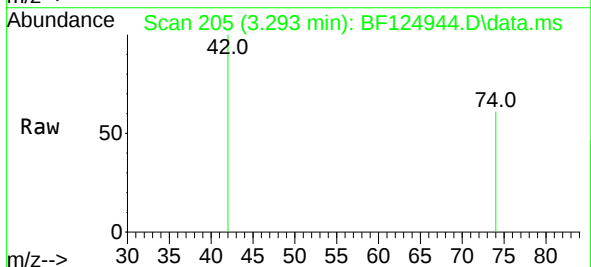
Instrument :
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ClientSampleId :
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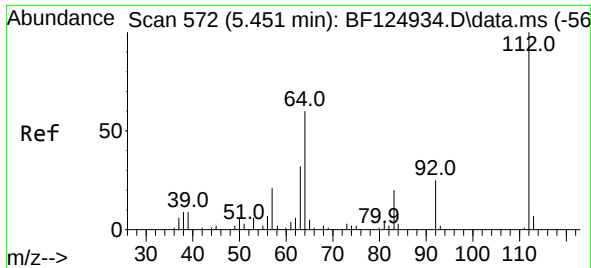
Tgt Ion: 79 Resp: 391
Ion Ratio Lower Upper
79 100
52 74.4 70.3 105.5
51 0.0 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 1.729 ng
RT: 3.293 min Scan# 205
Delta R.T. -0.023 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion: 42 Resp: 503
Ion Ratio Lower Upper
42 100
74 60.6 59.0 88.6
44 0.0 0.0 0.0

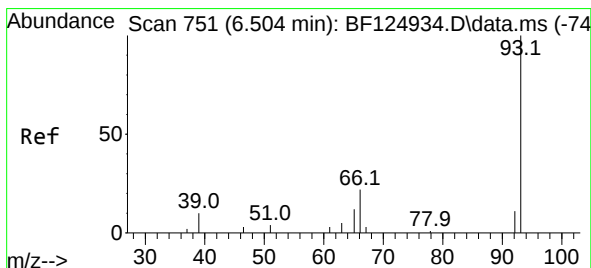
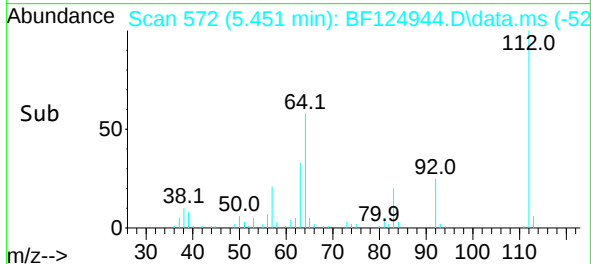
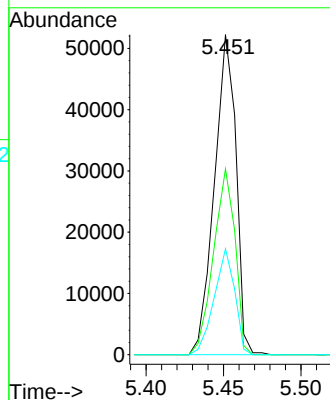
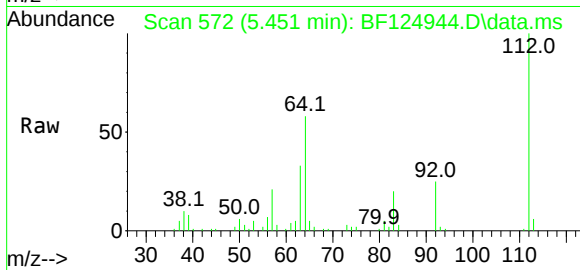




#5
2-Fluorophenol
Concen: 107.279 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

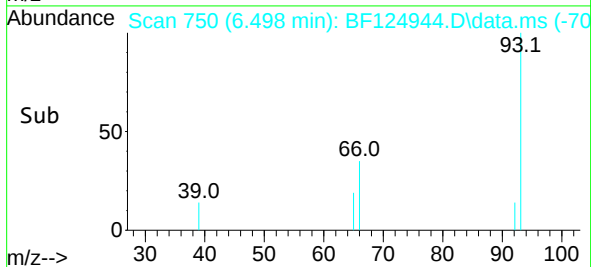
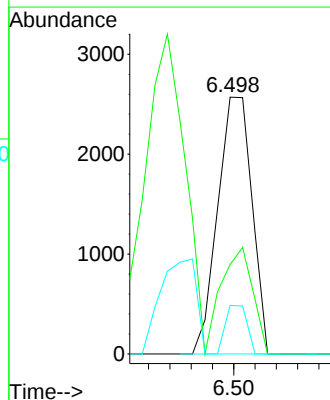
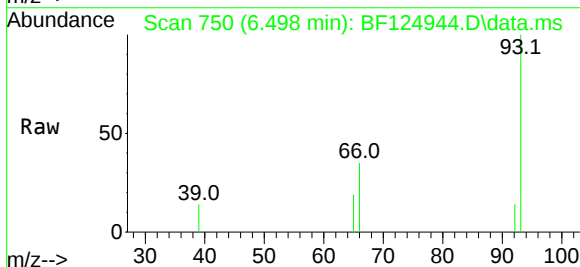
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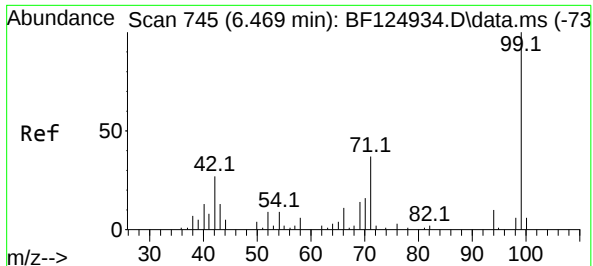
Tgt Ion:112 Resp: 50558
Ion Ratio Lower Upper
112 100
64 58.1 44.2 66.2
63 33.1 26.2 39.2



#6
Aniline
Concen: 4.575 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF124944.D
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Tgt Ion: 93 Resp: 2872
Ion Ratio Lower Upper
93 100
66 34.8 32.7 49.1
65 18.9 14.2 21.4

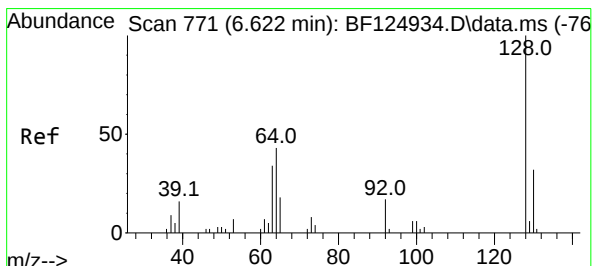
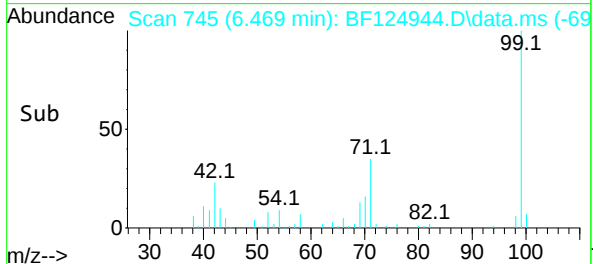
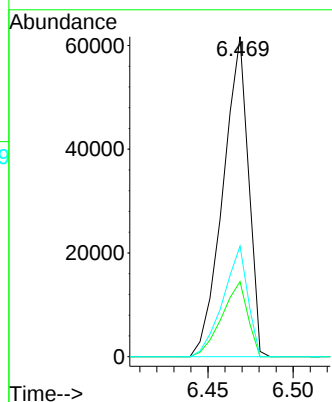
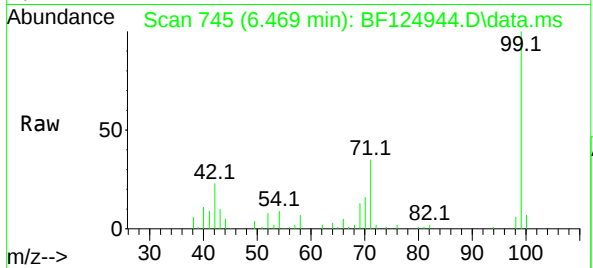




#7
Phenol-d6
Concen: 107.560 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

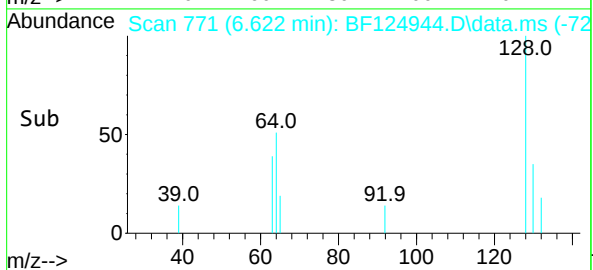
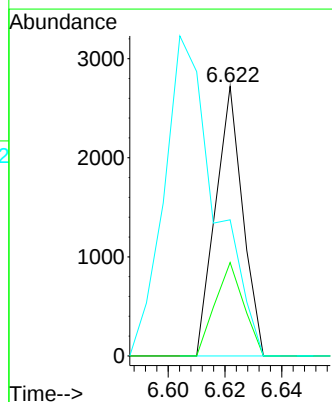
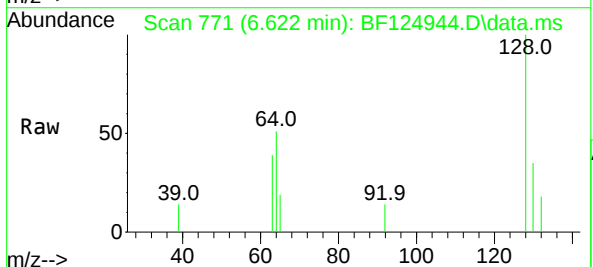
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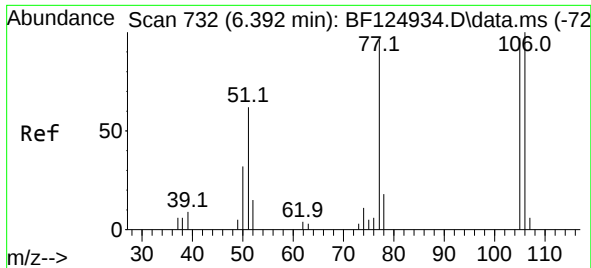
Tgt Ion: 99 Resp: 63917
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 34.6 25.6 38.4



#8
2-Chlorophenol
Concen: 3.499 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF124944.D
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Tgt Ion:128 Resp: 1809
Ion Ratio Lower Upper
128 100
130 34.7 10.5 50.5
64 50.5 20.3 60.3

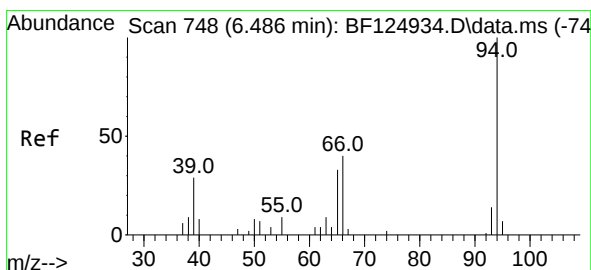
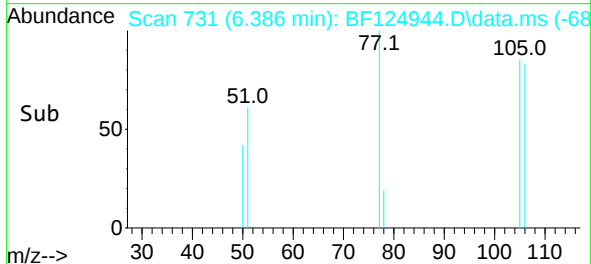
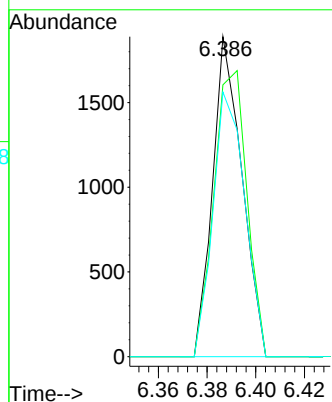
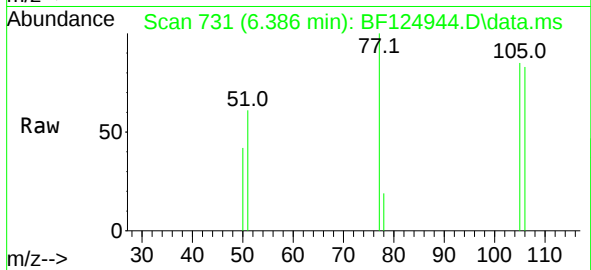




#9
Benzaldehyde
Concen: 4.881 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

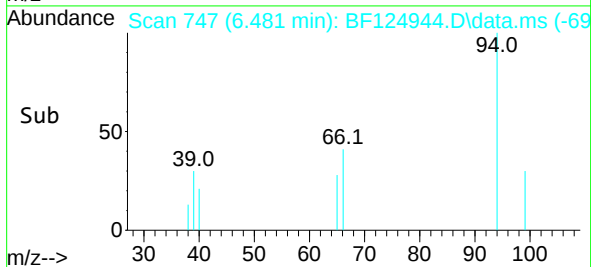
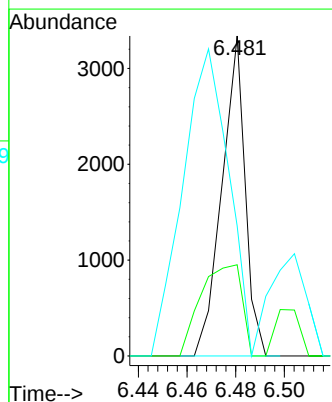
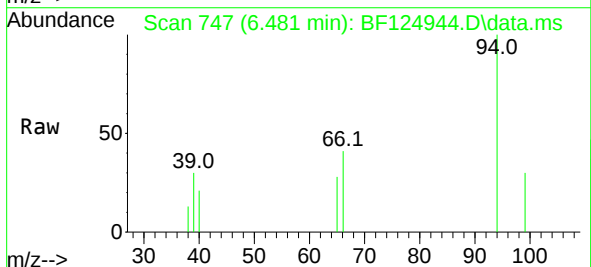
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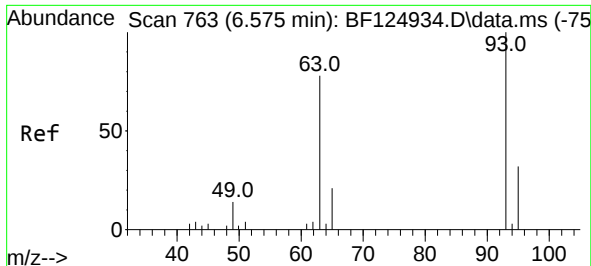
Tgt Ion: 77 Resp: 1578
Ion Ratio Lower Upper
77 100
105 85.0 75.9 115.9
106 82.7 84.0 124.0#



#10
Phenol
Concen: 3.614 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

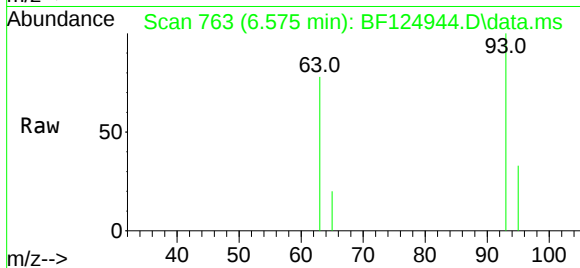
Tgt Ion: 94 Resp: 2216
Ion Ratio Lower Upper
94 100
65 28.5 9.3 49.3
66 40.7 20.3 60.3



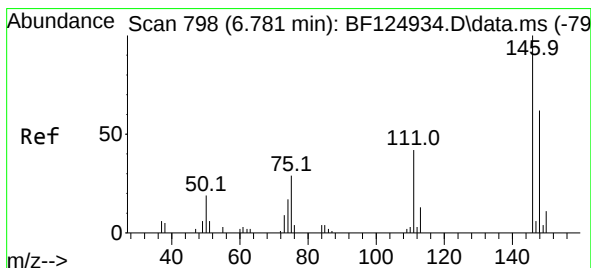
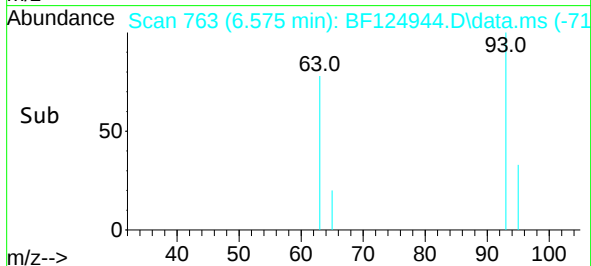
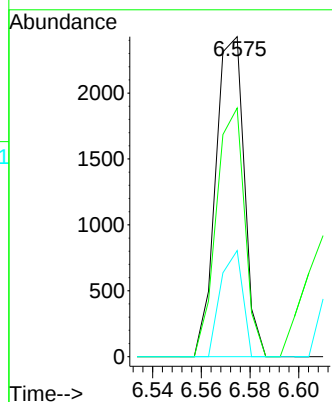


#11
bis(2-Chloroethyl)ether
Concen: 4.296 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

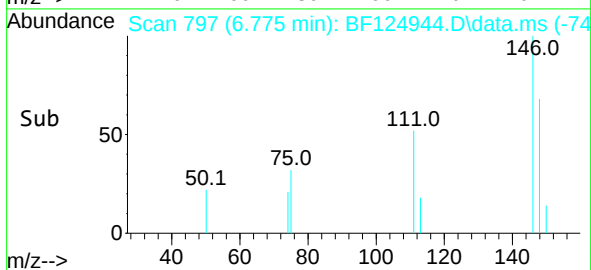
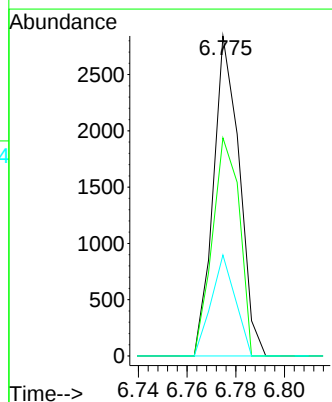
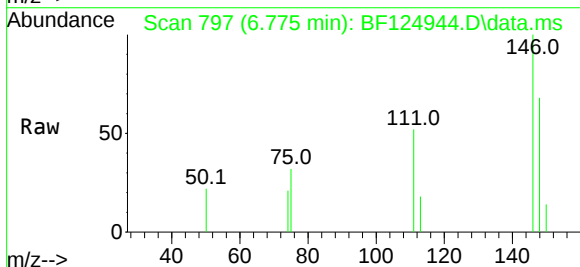


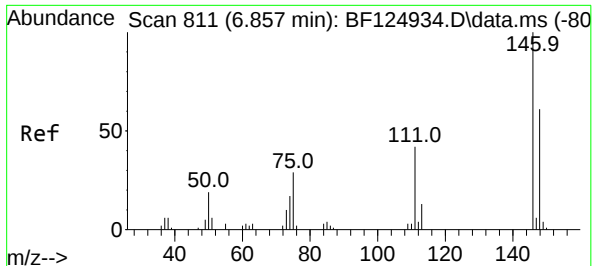
Tgt Ion: 93	Resp:	1976	
Ion	Ratio	Lower	Upper
93	100		
63	77.7	54.4	94.4
95	33.2	11.4	51.4



#12
1,3-Dichlorobenzene
Concen: 3.748 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:146	Resp:	2109	
Ion	Ratio	Lower	Upper
146	100		
148	68.2	49.7	74.5
75	31.6	25.2	37.8

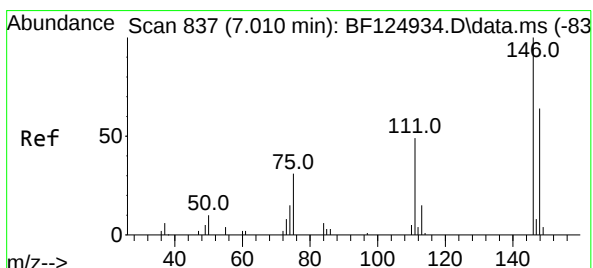
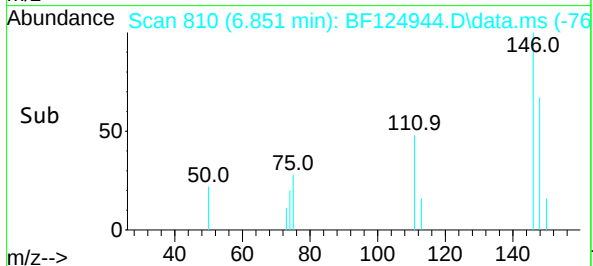
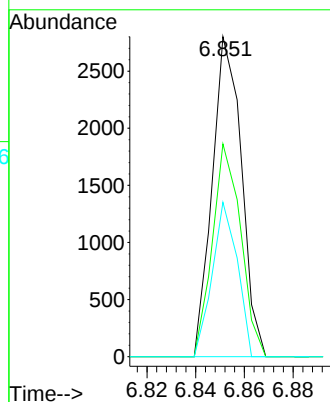
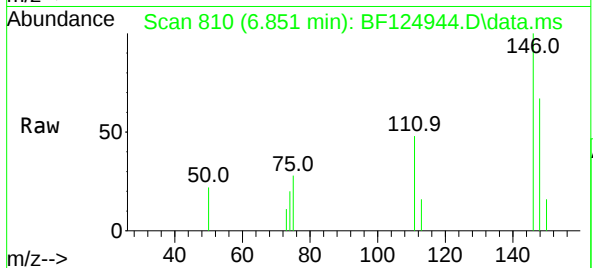




#13
1,4-Dichlorobenzene
Concen: 4.137 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

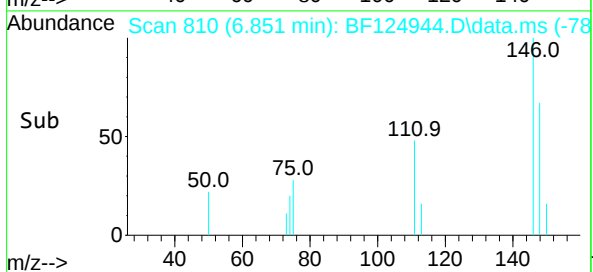
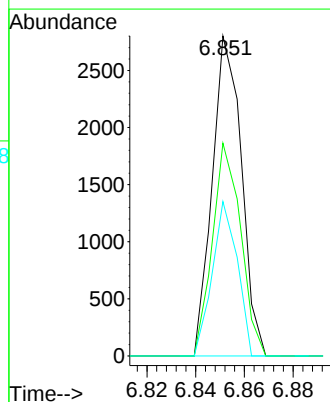
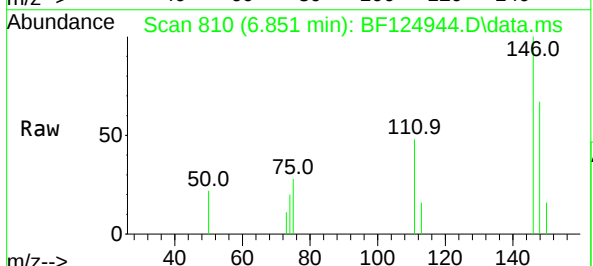
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

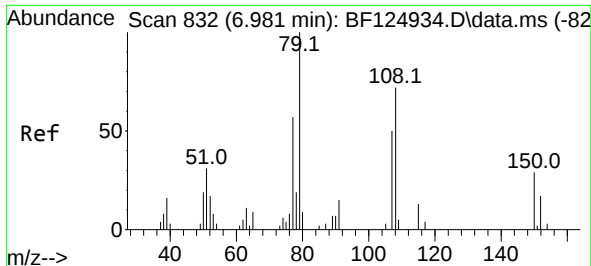
Tgt Ion:146 Resp: 2327
Ion Ratio Lower Upper
146 100
148 66.5 51.9 77.9
111 48.3 31.8 47.6#



#14
1,2-Dichlorobenzene
Concen: 4.414 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.159 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:146 Resp: 2327
Ion Ratio Lower Upper
146 100
148 66.5 50.6 75.8
111 48.3 33.5 50.3

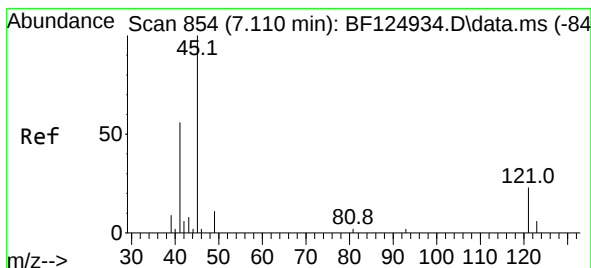
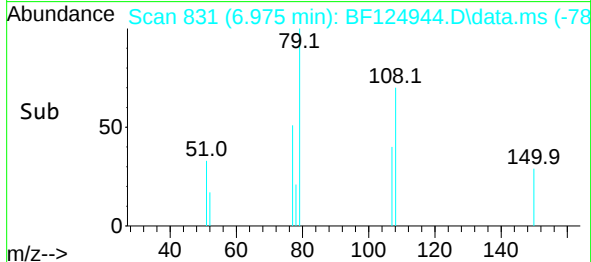
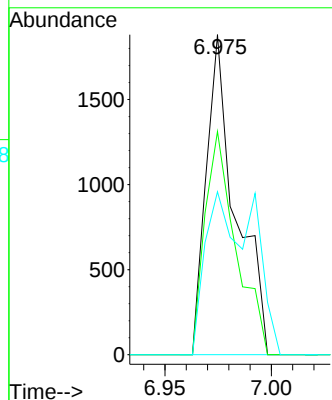
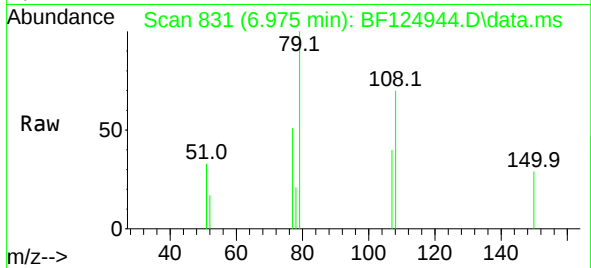




#15
Benzyl Alcohol
Concen: 4.227 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

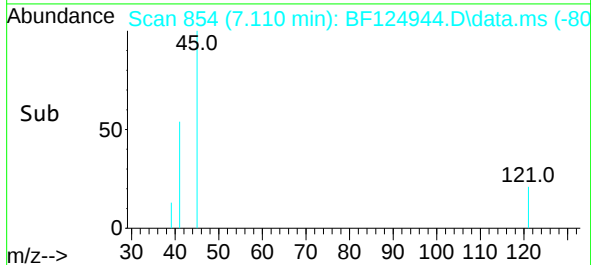
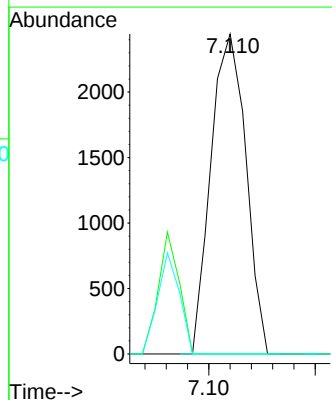
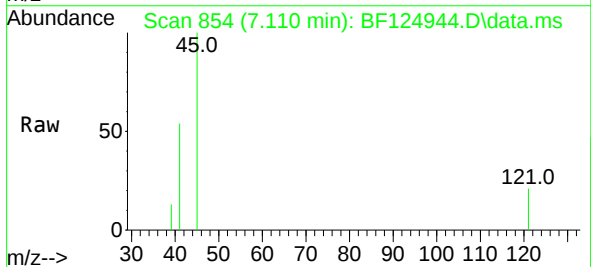
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

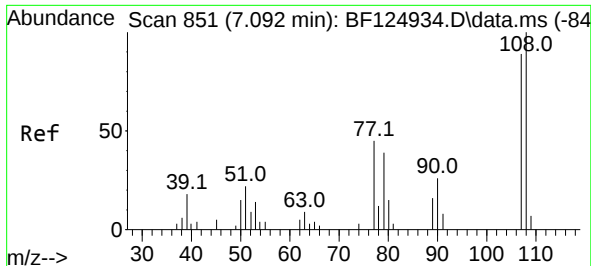
Tgt Ion: 79 Resp: 1812
Ion Ratio Lower Upper
79 100
108 69.8 60.4 90.6
77 50.9 51.5 77.3#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.786 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion: 45 Resp: 2790
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 27.5

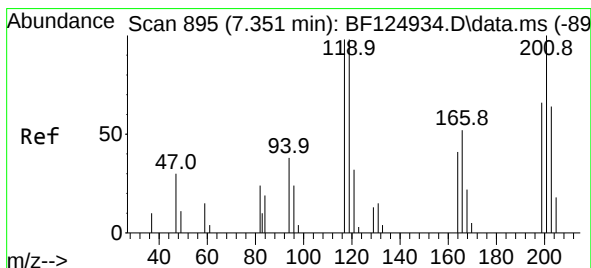
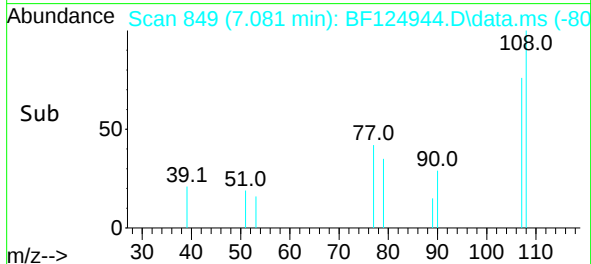
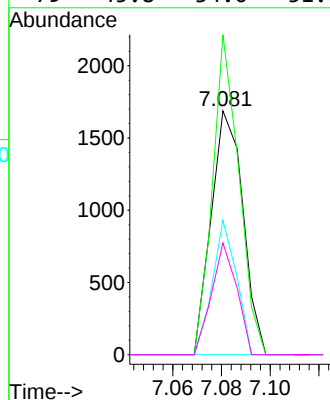
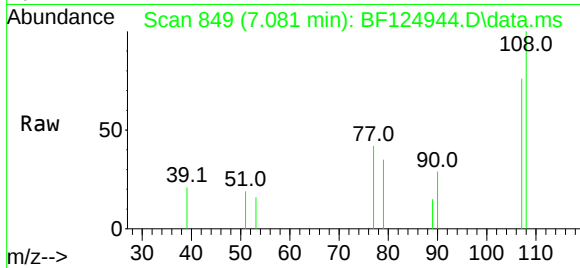




#17
2-Methylphenol
Concen: 3.936 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

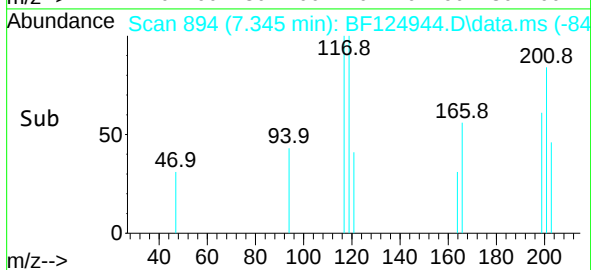
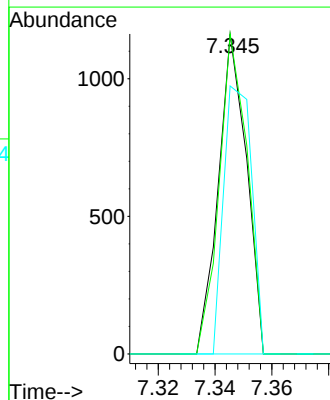
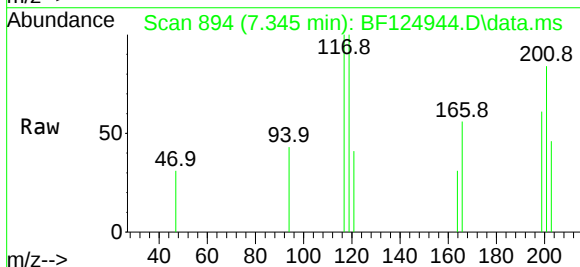
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

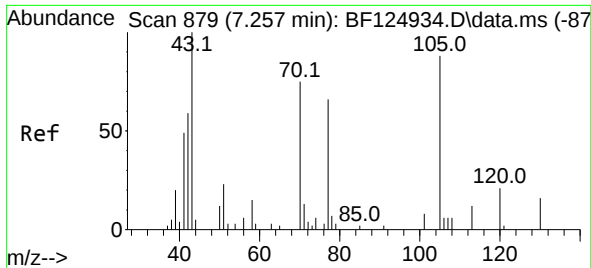
Tgt Ion:	107	Resp:	1523
Ion	Ratio	Lower	Upper
107	100		
108	131.2	90.6	135.8
77	55.2	35.7	53.5#
79	45.8	34.0	51.0



#18
Hexachloroethane
Concen: 3.624 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:	117	Resp:	798
Ion	Ratio	Lower	Upper
117	100		
119	100.2	73.4	110.2
201	83.9	64.9	97.3



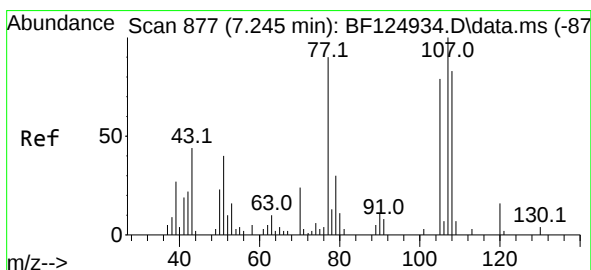
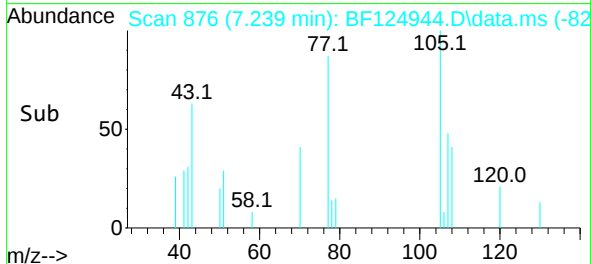
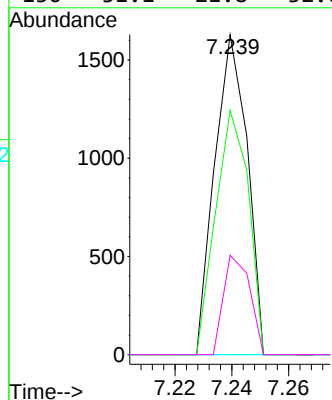
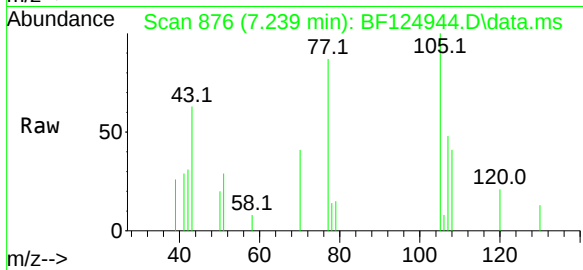


#19
n-Nitroso-di-n-propylamine
Concen: 3.667 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.018 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion: 70 Resp: 1293

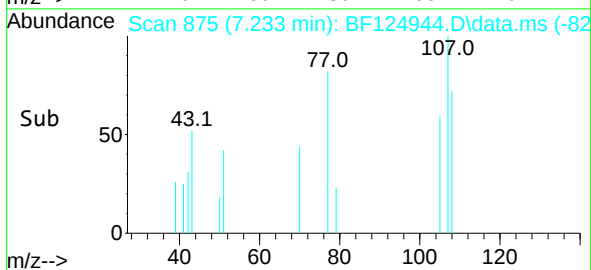
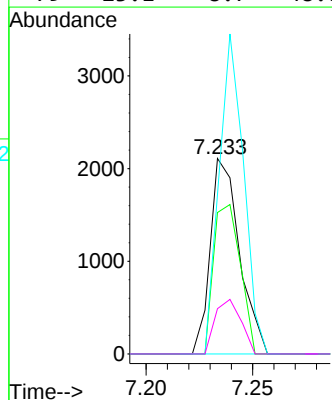
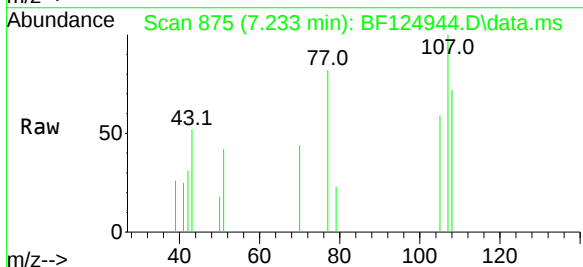
Ion	Ratio	Lower	Upper
70	100		
42	76.4	72.2	108.2
101	0.0	7.8	11.8#
130	31.1	21.8	32.6

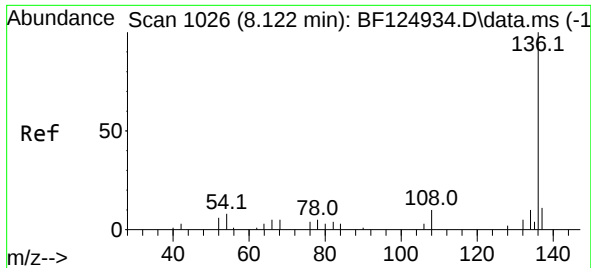


#20
3+4-Methylphenols
Concen: 3.915 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion: 107 Resp: 2011

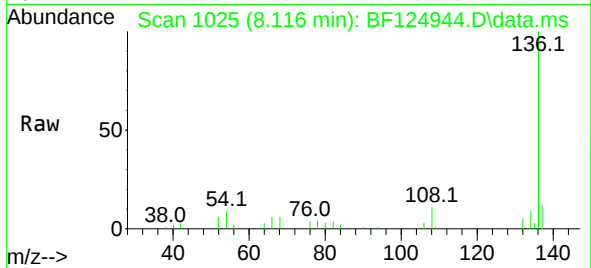
Ion	Ratio	Lower	Upper
107	100		
108	72.4	76.6	116.6#
77	81.6	53.3	93.3
79	23.1	8.7	48.7



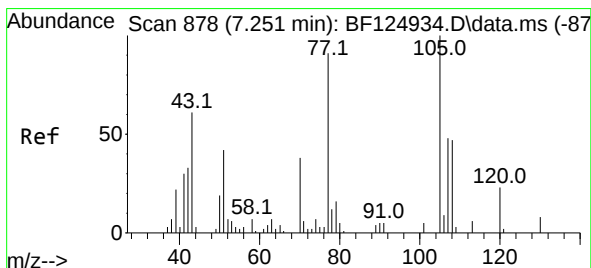
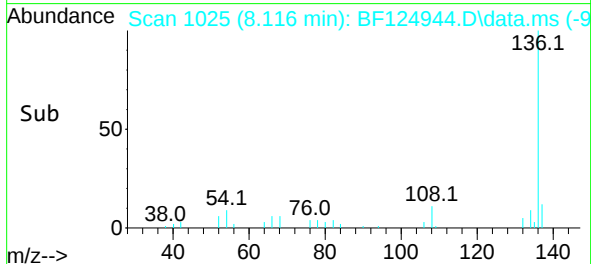
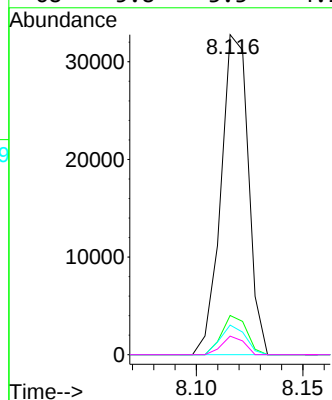


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

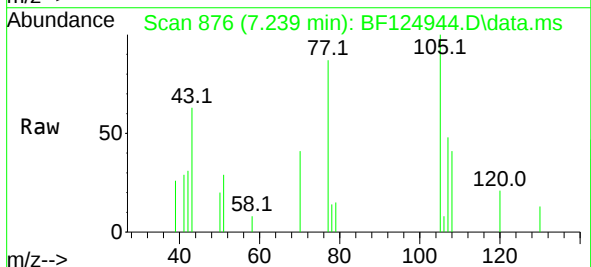
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



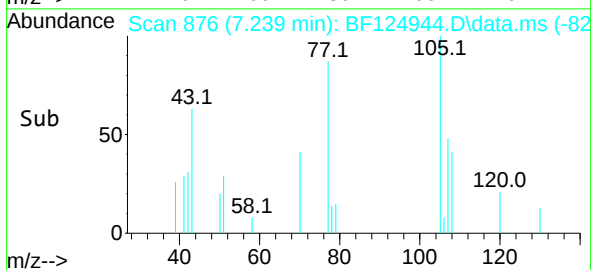
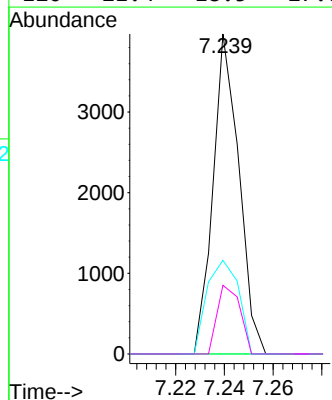
Tgt Ion:136 Resp: 29307
Ion Ratio Lower Upper
136 100
137 12.3 9.8 14.6
54 9.2 6.4 9.6
68 5.8 3.3 4.9#

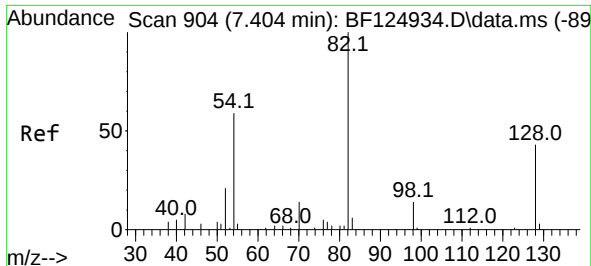


#22
Acetophenone
Concen: 4.082 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36



Tgt Ion:105 Resp: 2930
Ion Ratio Lower Upper
105 100
71 0.0 5.5 8.3#
51 29.3 26.0 39.0
120 21.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 65.641 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

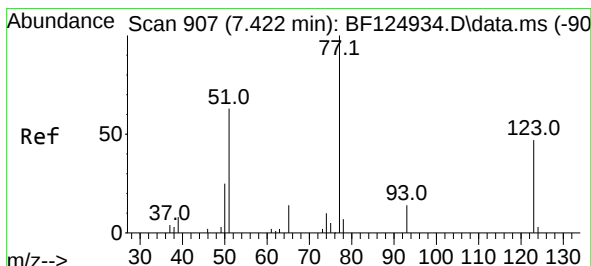
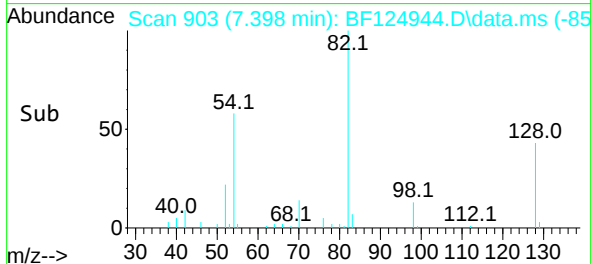
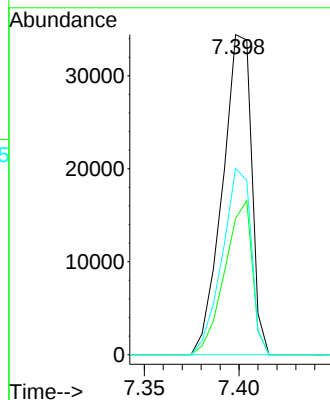
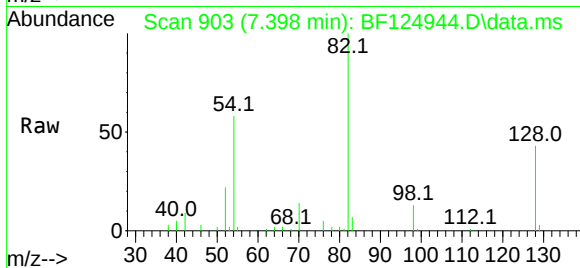
Tgt Ion: 82	Resp: 36774
Ion Ratio	Lower Upper
82 100	
128 42.6	40.6 60.8
54 58.3	49.6 74.4

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#24

Nitrobenzene

Concen: 3.955 ng

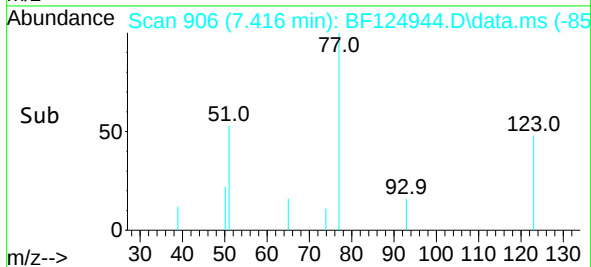
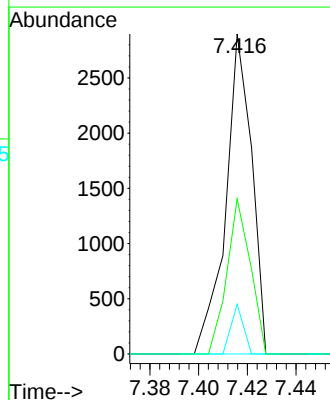
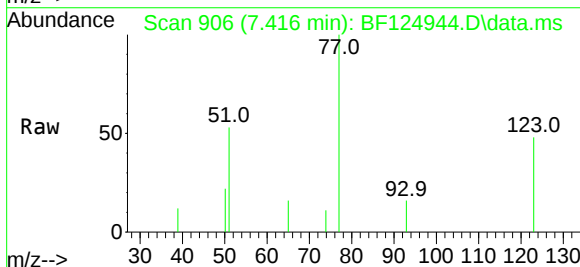
RT: 7.416 min Scan# 906

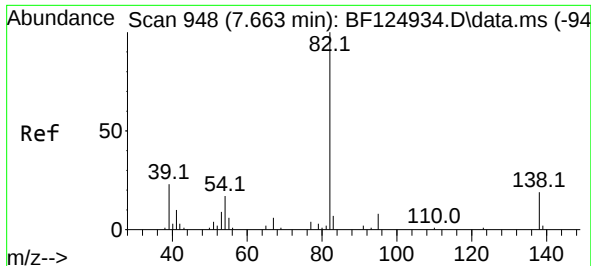
Delta R.T. -0.006 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

Tgt Ion: 77	Resp: 2144
Ion Ratio	Lower Upper
77 100	
123 48.4	42.3 63.5
65 15.5	12.4 18.6

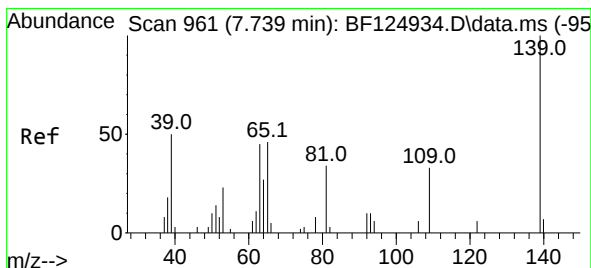
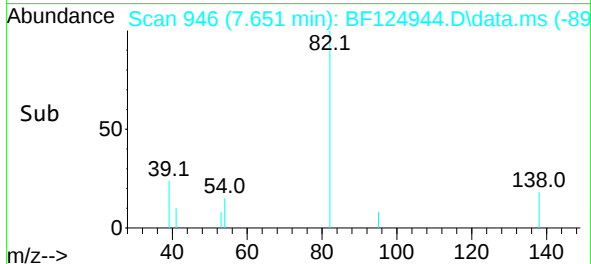
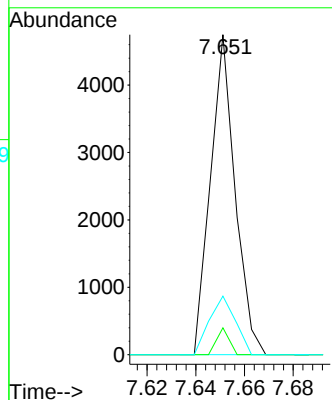
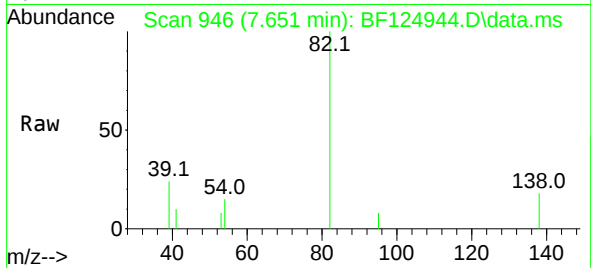




#25
Isophorone
Concen: 3.487 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

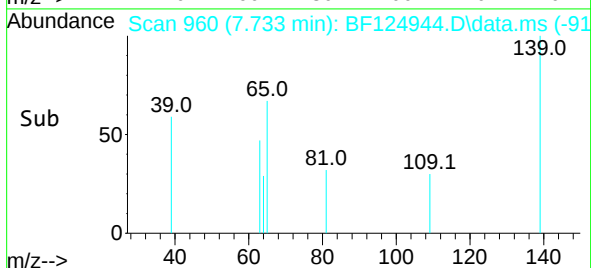
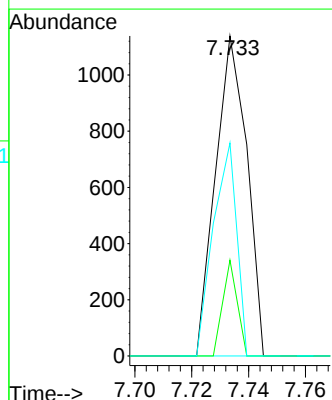
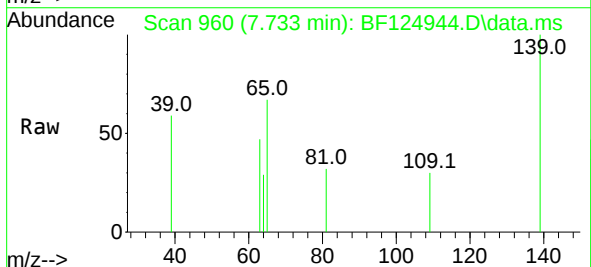
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

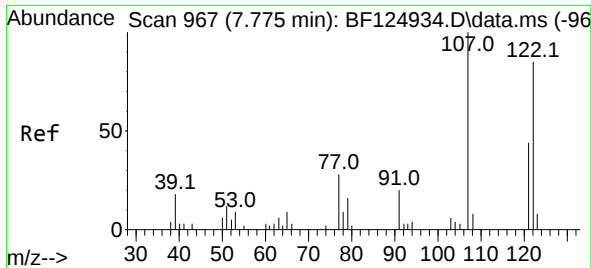
Tgt Ion: 82 Resp: 3334
Ion Ratio Lower Upper
82 100
95 8.4 6.5 9.7
138 18.3 18.4 27.6#



#26
2-Nitrophenol
Concen: 3.168 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion: 139 Resp: 872
Ion Ratio Lower Upper
139 100
109 29.9 26.0 39.0
65 66.5 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 4.221 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

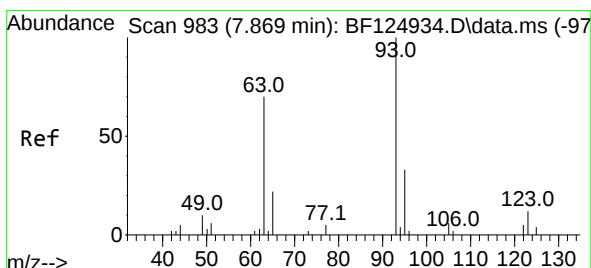
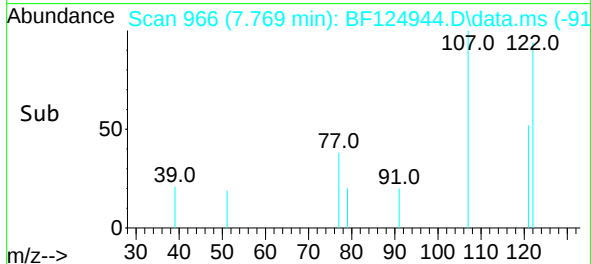
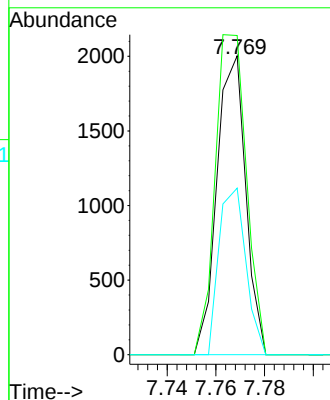
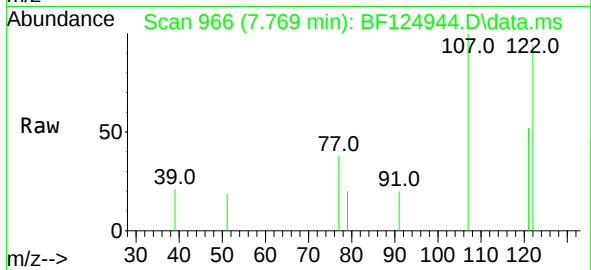
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:122	Resp:	1647
Ion	Ratio	Lower Upper
122	100	
107	106.8	85.0 127.6
121	55.7	43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 4.118 ng

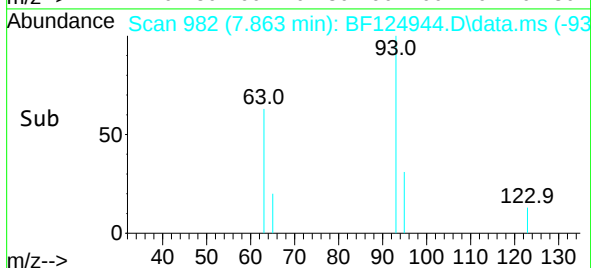
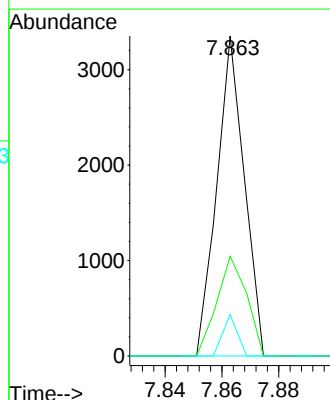
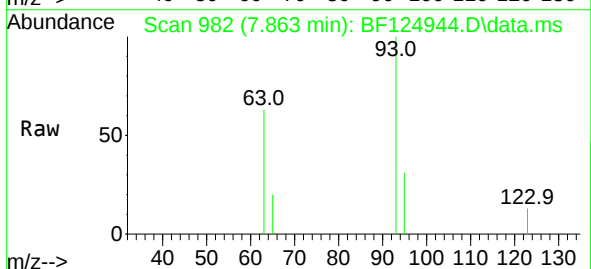
RT: 7.863 min Scan# 982

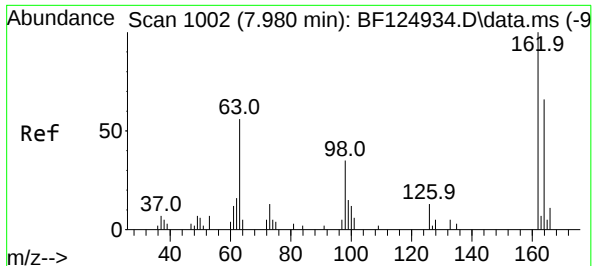
Delta R.T. -0.006 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

Tgt Ion: 93	Resp:	2241
Ion	Ratio	Lower Upper
93	100	
95	31.2	26.1 39.1
123	12.9	11.7 17.5

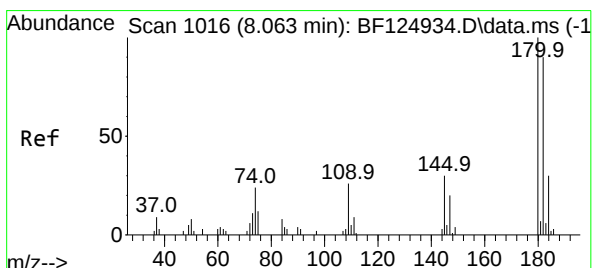
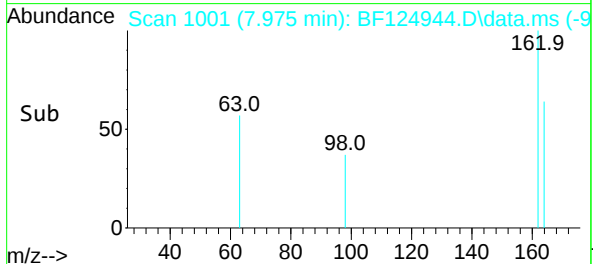
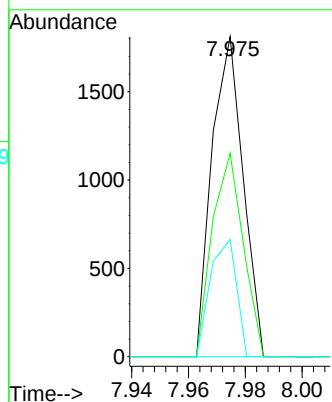
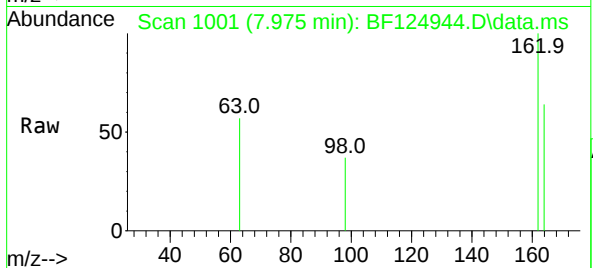




#29
2,4-Dichlorophenol
Concen: 3.165 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

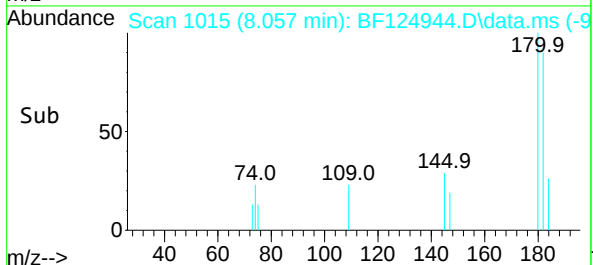
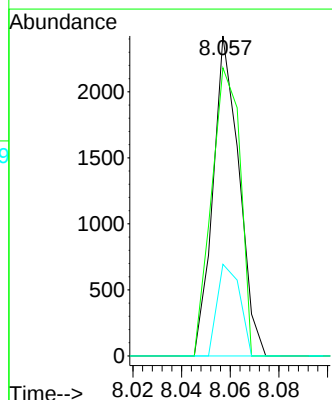
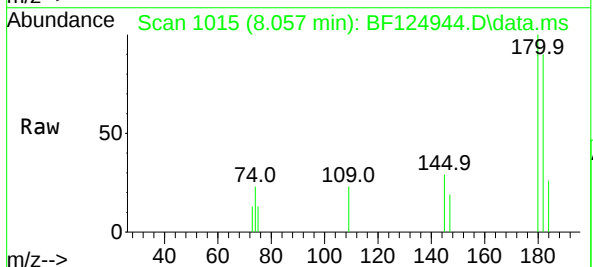
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

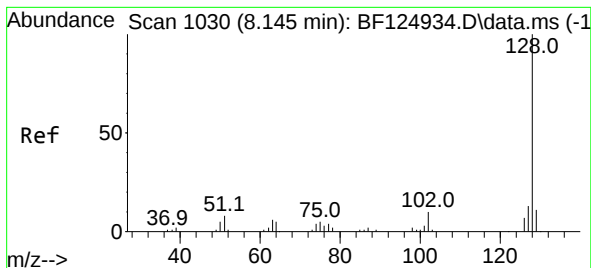
Tgt Ion:162 Resp: 1376
Ion Ratio Lower Upper
162 100
164 63.6 44.5 84.5
98 36.6 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 3.686 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:180 Resp: 1796
Ion Ratio Lower Upper
180 100
182 90.1 76.8 115.2
145 28.6 26.7 40.1

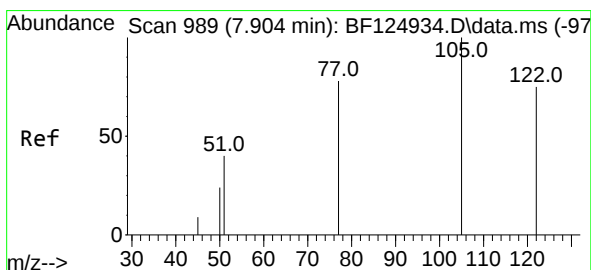
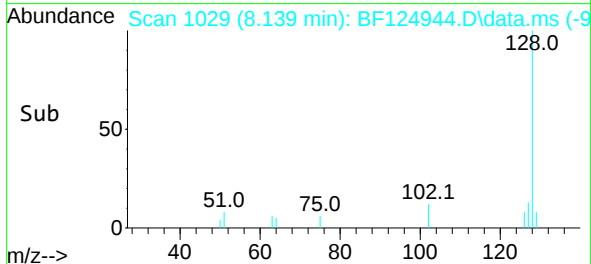
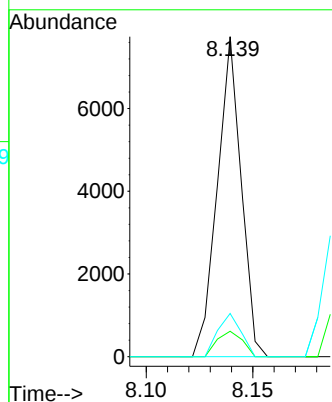
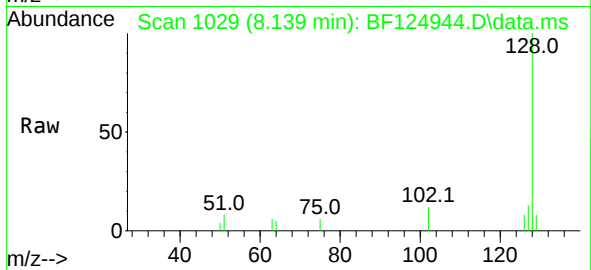




#31
Naphthalene
Concen: 3.993 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

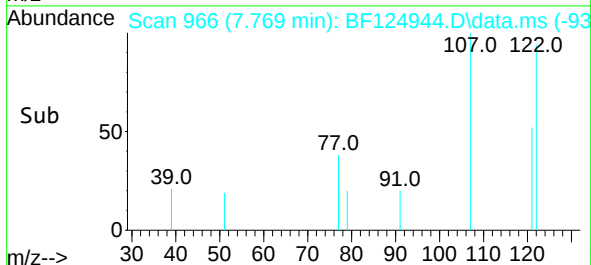
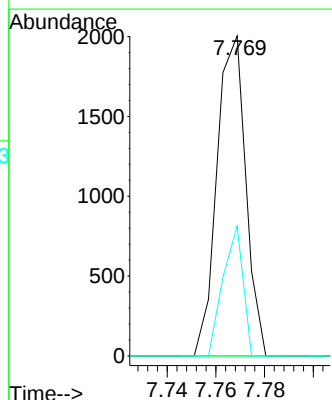
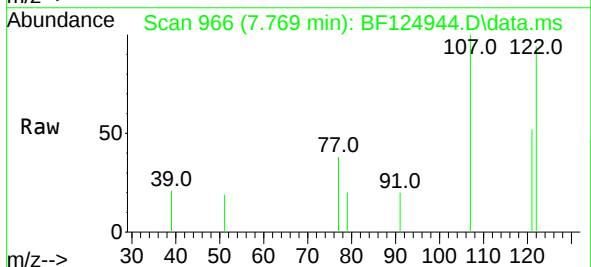
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

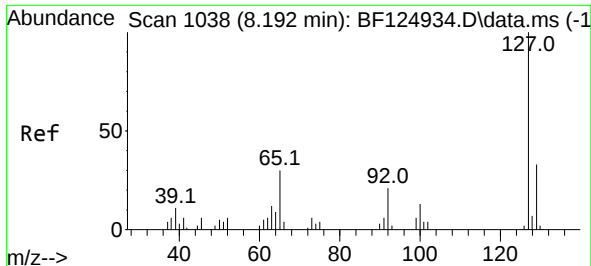
Tgt Ion:128 Resp: 6013
Ion Ratio Lower Upper
128 100
129 8.0 9.4 14.0#
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 13.458 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.135 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

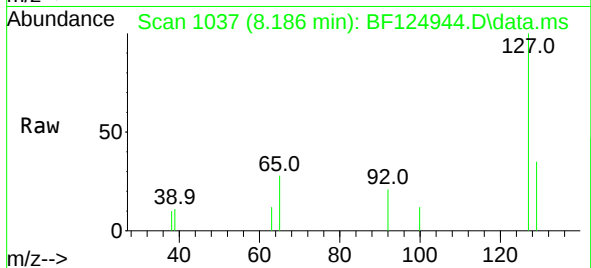
Tgt Ion:122 Resp: 1647
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 40.6 59.6 99.6#



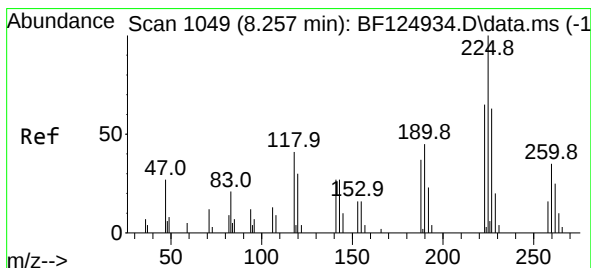
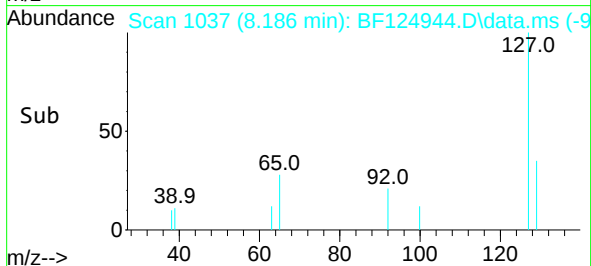
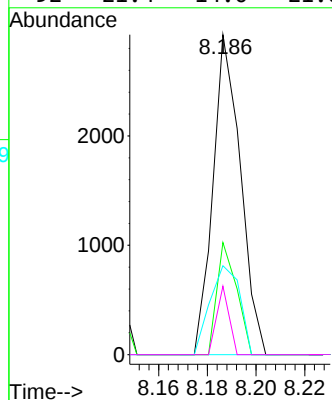


#33
4-Chloroaniline
Concen: 4.085 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

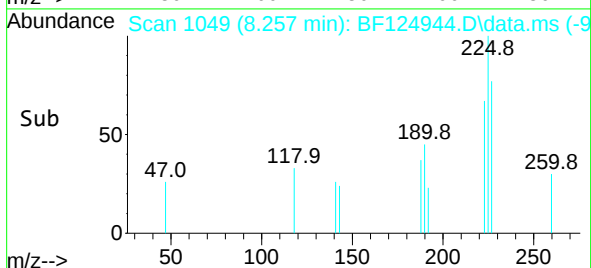
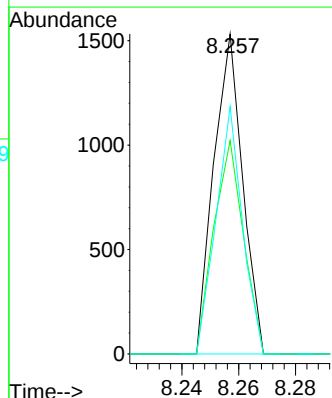
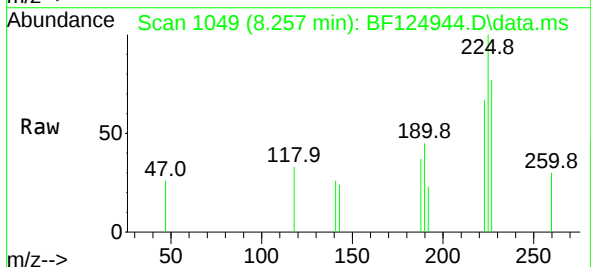


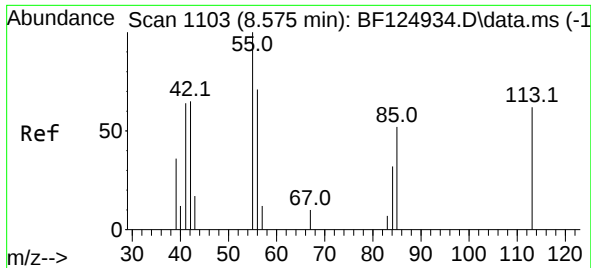
Tgt Ion:	127	Resp:	2292
Ion	Ratio	Lower	Upper
127	100		
129	35.1	25.7	38.5
65	27.8	21.2	31.8
92	21.4	14.0	21.0#



#34
Hexachlorobutadiene
Concen: 3.702 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:	225	Resp:	1077
Ion	Ratio	Lower	Upper
225	100		
223	66.7	50.6	76.0
227	77.3	50.6	75.8#

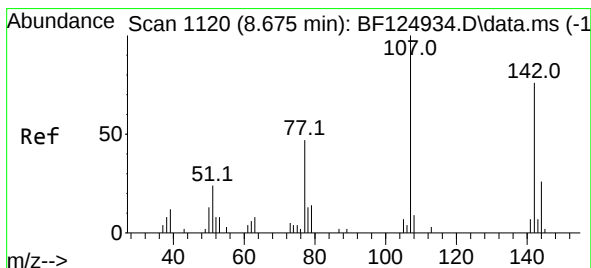
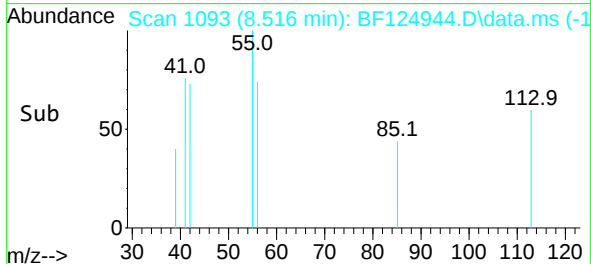
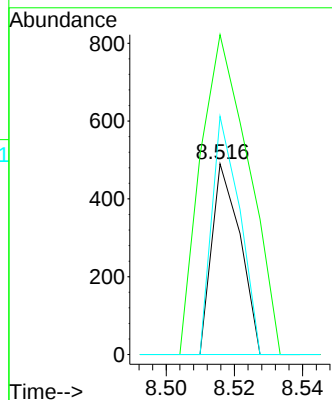
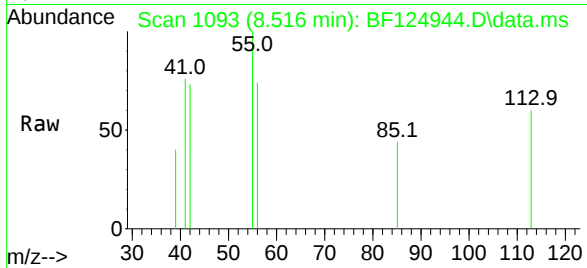




#35
 Caprolactam
 Concen: 2.451 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.059 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

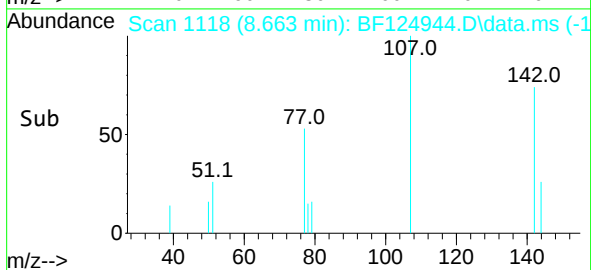
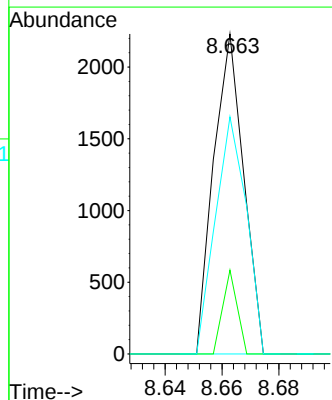
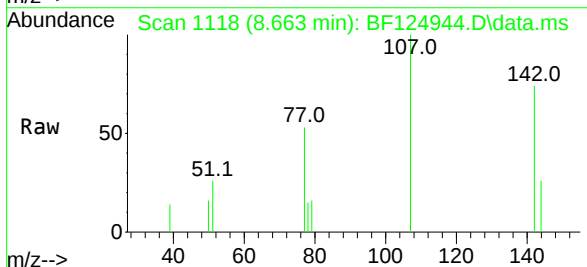
Instrument :
 BNA_F
 ClientSampleID :
 LOD-MDL-SOIL-01-QT2-2021

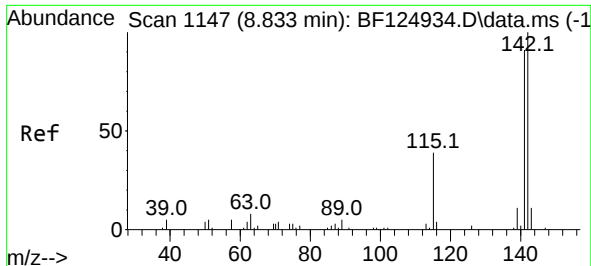
Tgt Ion:113 Resp: 283
 Ion Ratio Lower Upper
 113 100
 55 167.8 154.1 194.1
 56 124.9 108.7 148.7



#36
 4-Chloro-3-methylphenol
 Concen: 3.591 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.012 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

Tgt Ion:107 Resp: 1633
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.9 32.9
 142 74.1 67.1 100.7

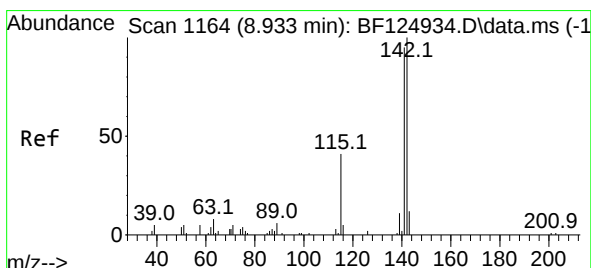
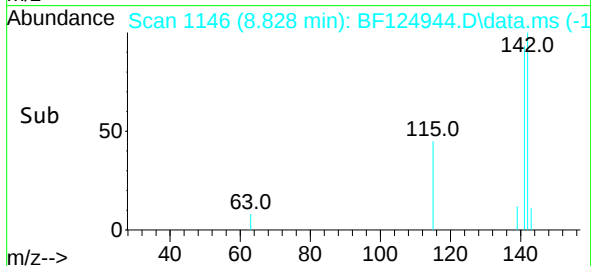
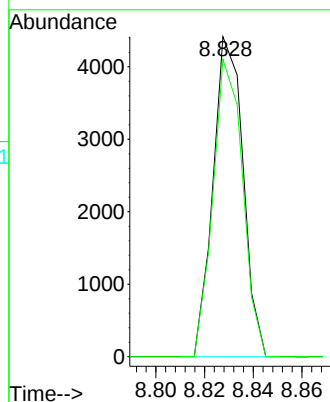
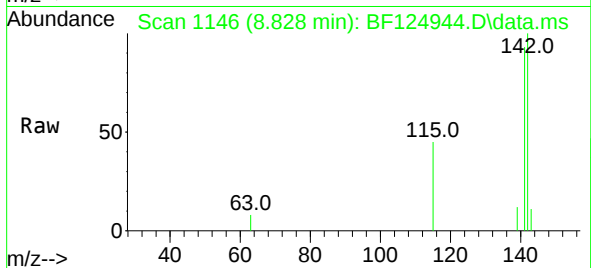




#37
2-Methylnaphthalene
Concen: 3.725 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

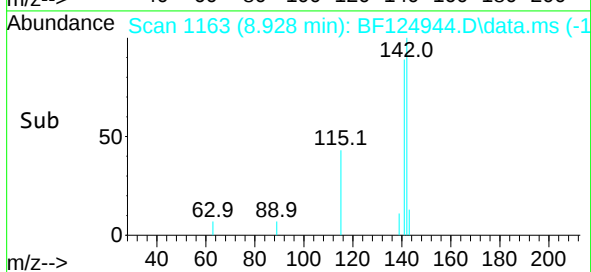
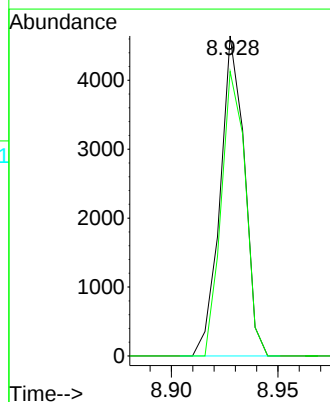
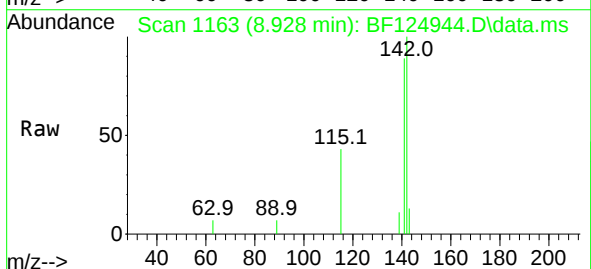
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

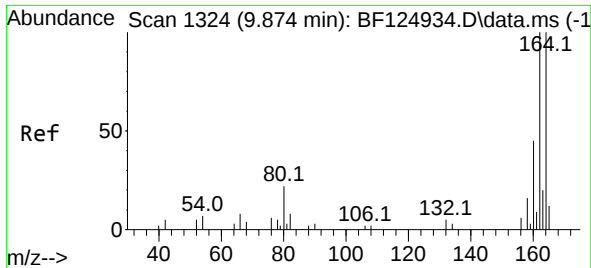
Tgt Ion:142 Resp: 3771
Ion Ratio Lower Upper
142 100
141 92.9 71.2 106.8



#38
1-Methylnaphthalene
Concen: 3.882 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:142 Resp: 3677
Ion Ratio Lower Upper
142 100
141 88.9 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

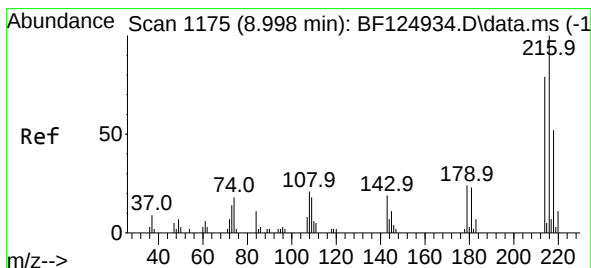
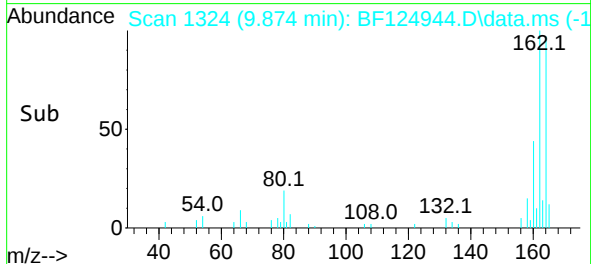
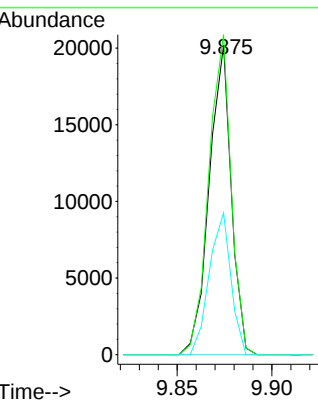
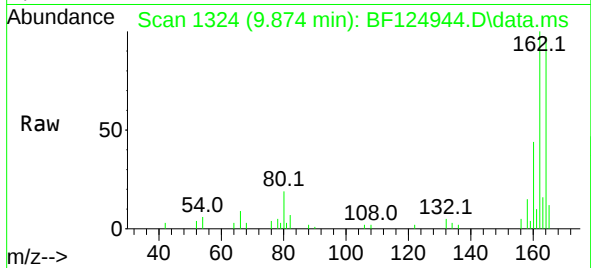
Tgt Ion:164 Resp: 16332

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

160 45.8 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.746 ng

RT: 8.998 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

Tgt Ion:216 Resp: 1756

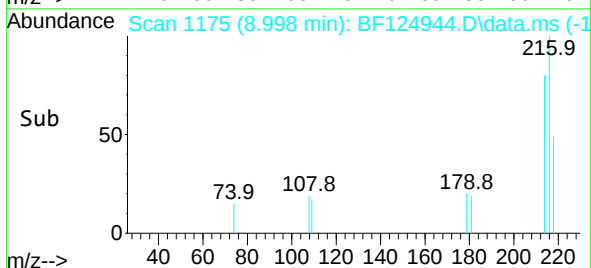
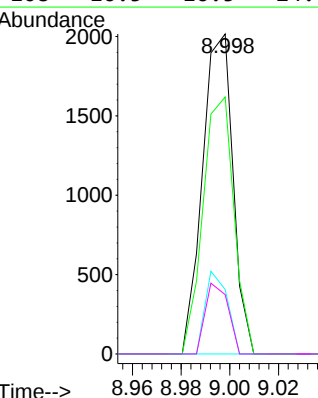
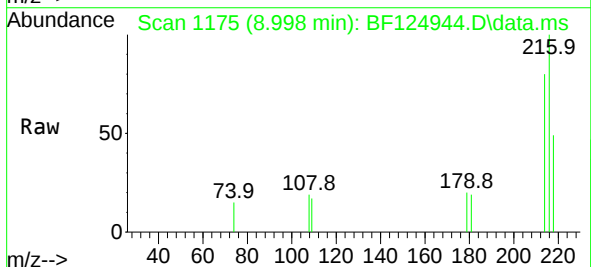
Ion Ratio Lower Upper

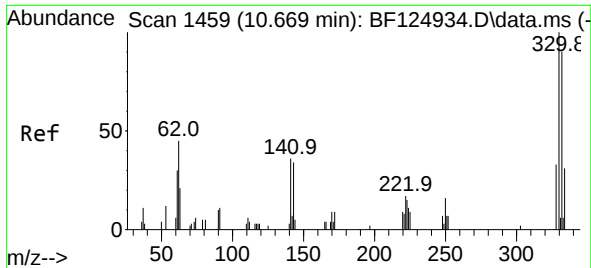
216 100

214 81.4 64.9 97.3

179 18.7 17.4 26.2

108 16.5 16.5 24.7#

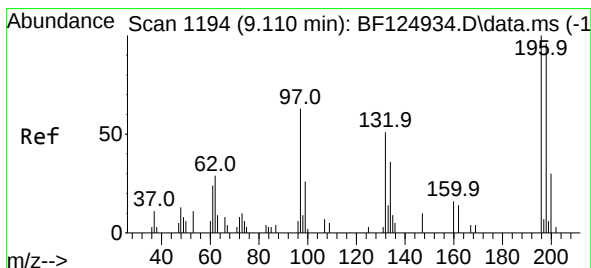
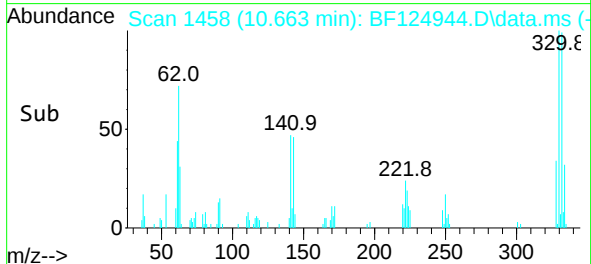
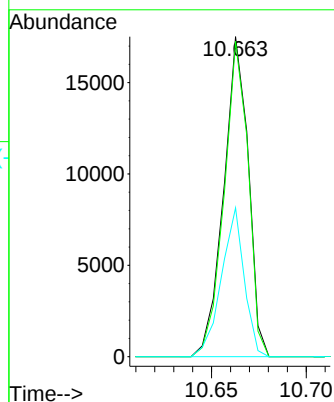
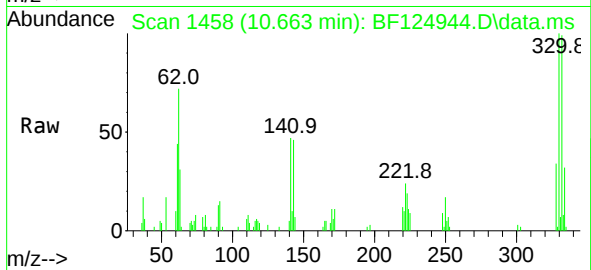




#42
2,4,6-Tribromophenol
Concen: 108.430 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

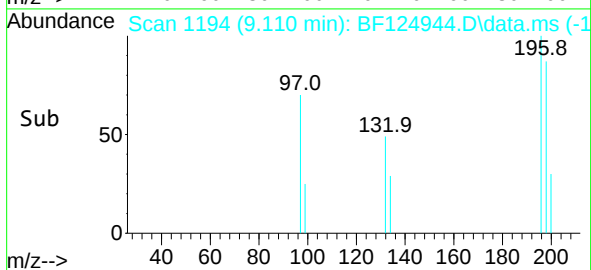
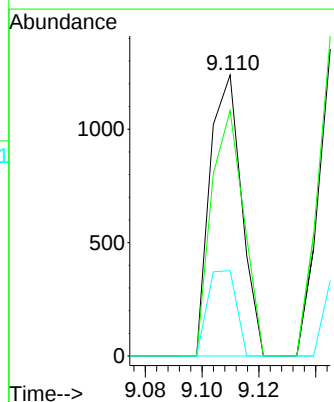
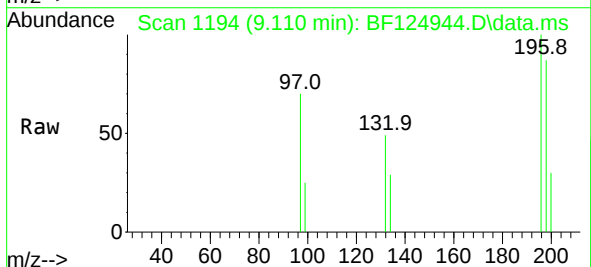
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

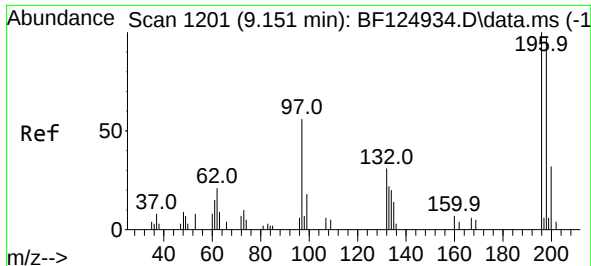
Tgt Ion:330 Resp: 15821
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 43.3 44.6 66.8#



#43
2,4,6-Trichlorophenol
Concen: 3.057 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:196 Resp: 954
Ion Ratio Lower Upper
196 100
198 87.3 74.9 112.3
200 30.3 27.0 40.4

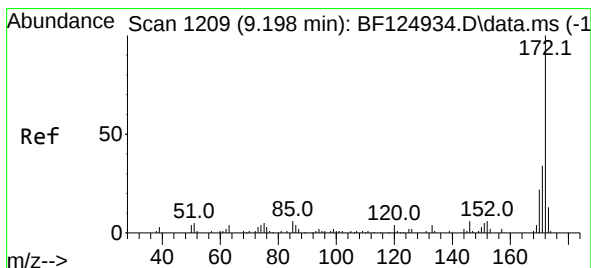
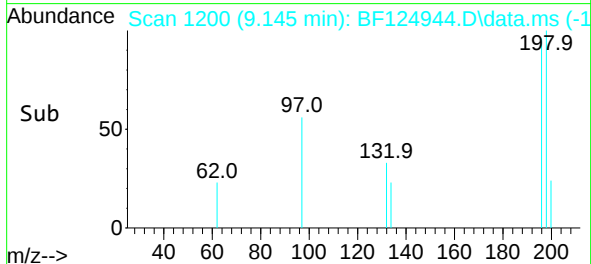
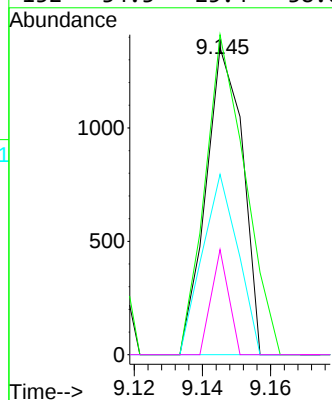
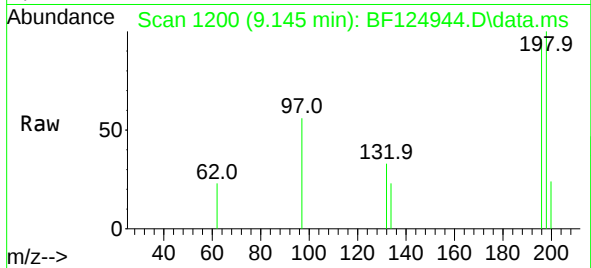




#44
2,4,5-Trichlorophenol
Concen: 3.216 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

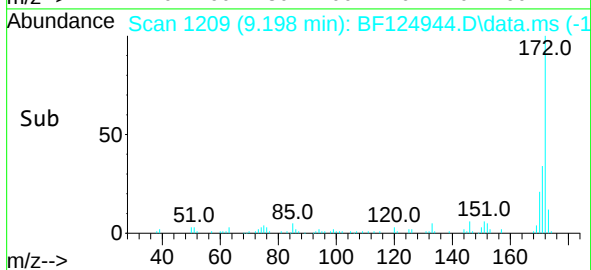
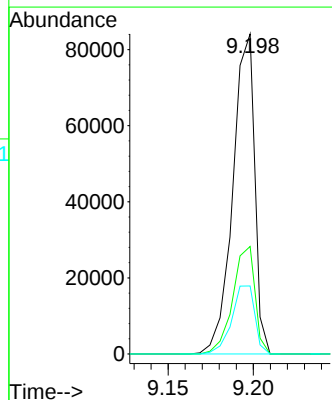
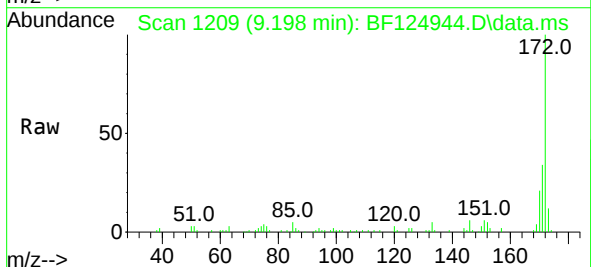
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

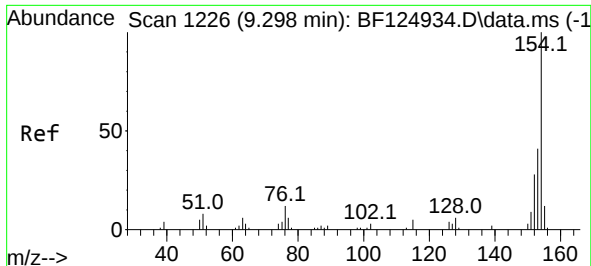
Tgt Ion:196 Resp: 1016
Ion Ratio Lower Upper
196 100
198 104.2 80.2 120.2
97 58.7 44.0 66.0
132 34.3 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 67.216 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:172 Resp: 75024
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 21.3 18.8 28.2

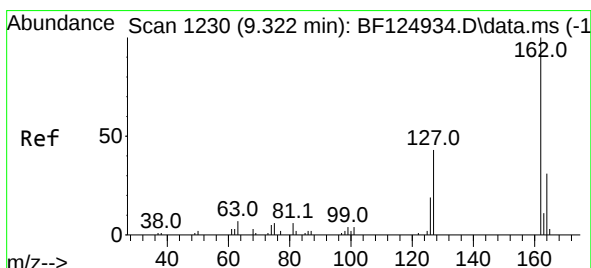
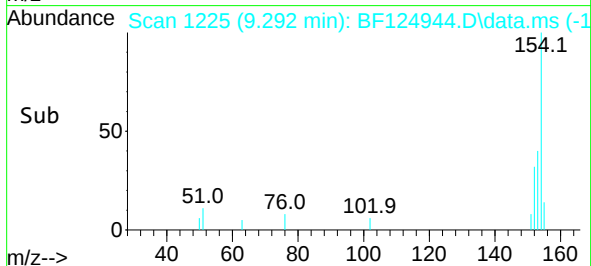
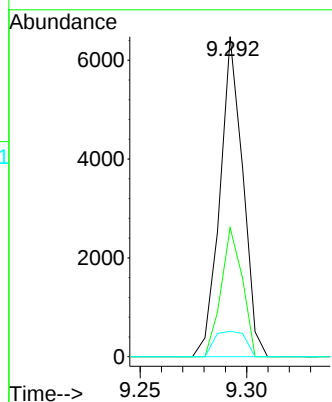
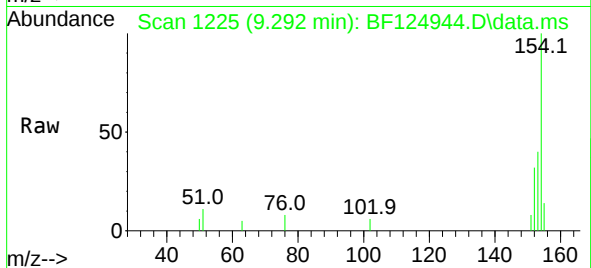




#46
1,1'-Biphenyl
Concen: 3.975 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

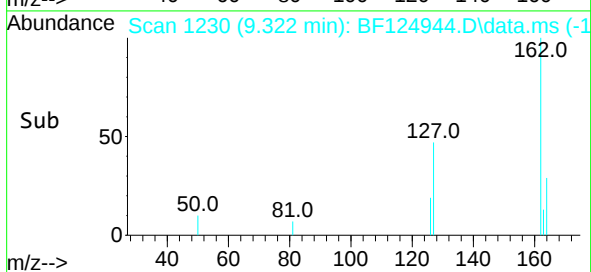
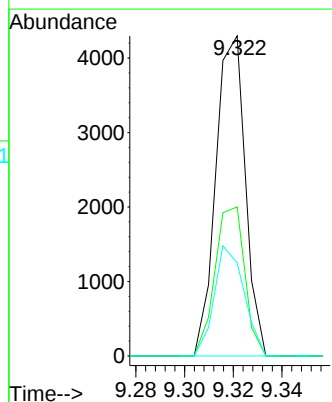
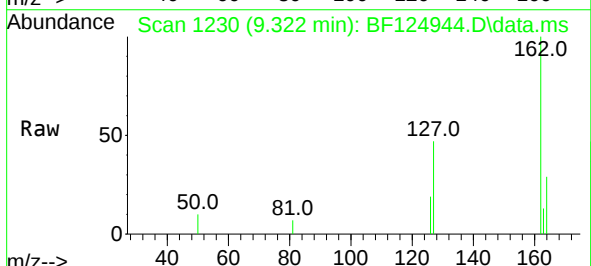
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

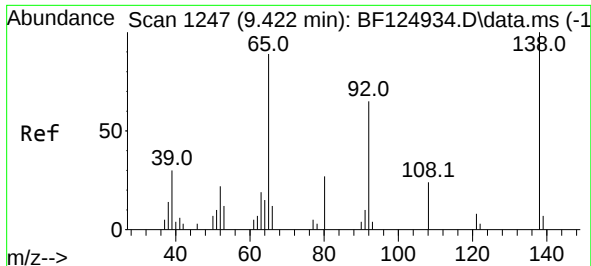
Tgt Ion:154 Resp: 4838
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 7.9 0.0 30.3



#47
2-Chloronaphthalene
Concen: 3.729 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:162 Resp: 3611
Ion Ratio Lower Upper
162 100
127 46.6 33.0 49.4
164 29.0 25.8 38.8

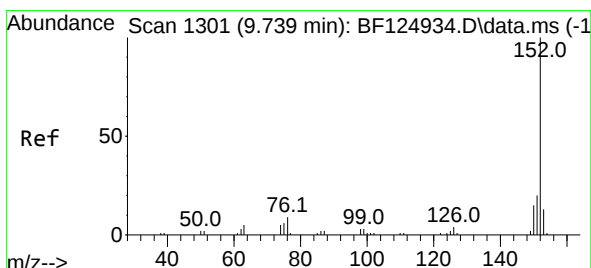
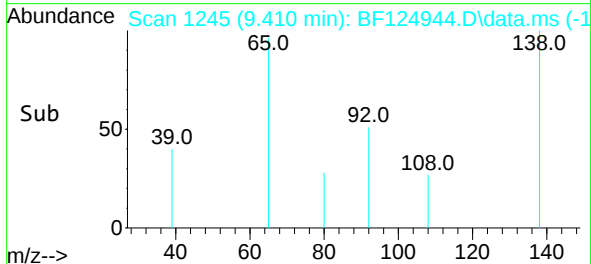
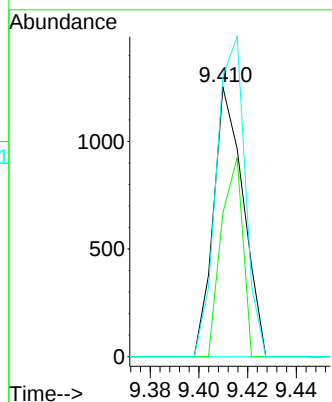
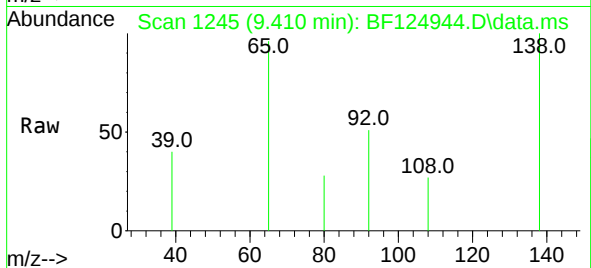




#48
2-Nitroaniline
Concen: 3.744 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

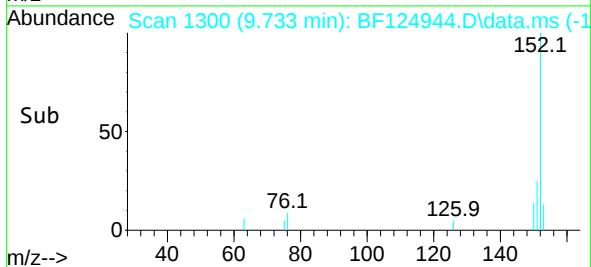
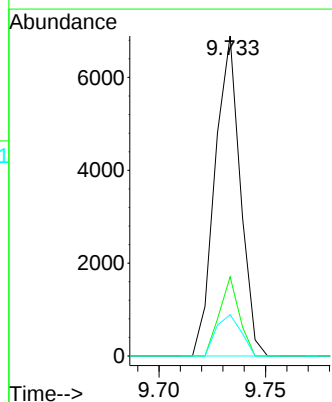
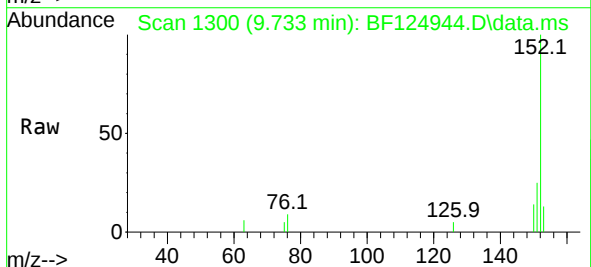
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

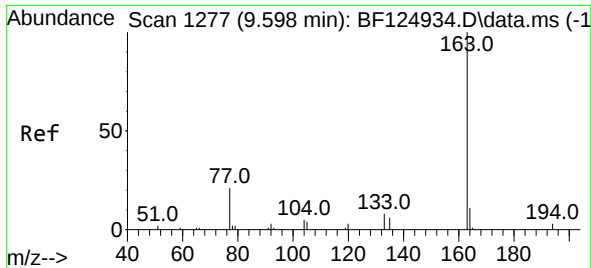
Tgt Ion: 65 Resp: 1065
Ion Ratio Lower Upper
65 100
92 53.4 55.5 83.3#
138 104.2 93.5 140.3



#49
Acenaphthylene
Concen: 3.860 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion: 152 Resp: 5677
Ion Ratio Lower Upper
152 100
151 24.7 15.7 23.5#
153 12.9 9.8 14.8

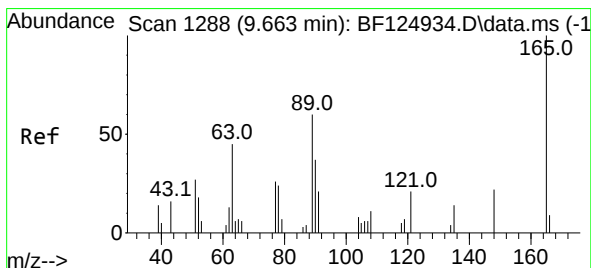
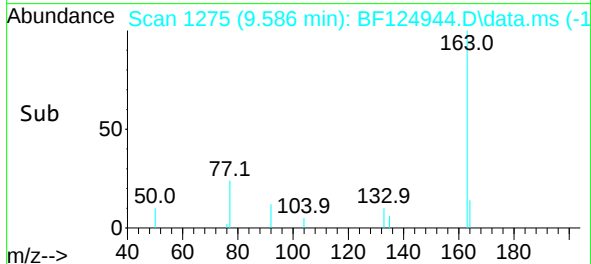
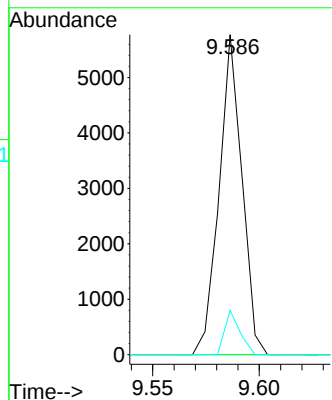
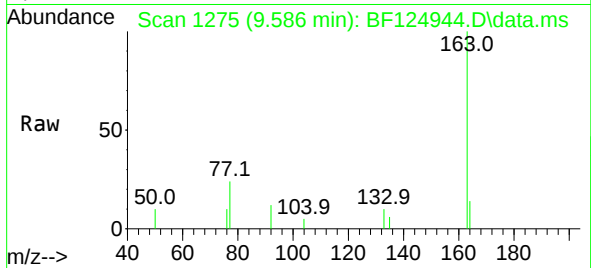




#50
Dimethylphthalate
Concen: 3.883 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

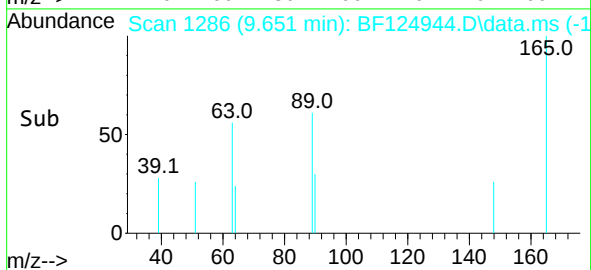
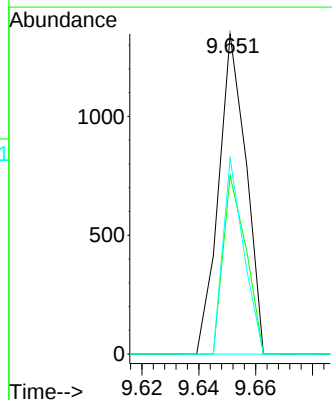
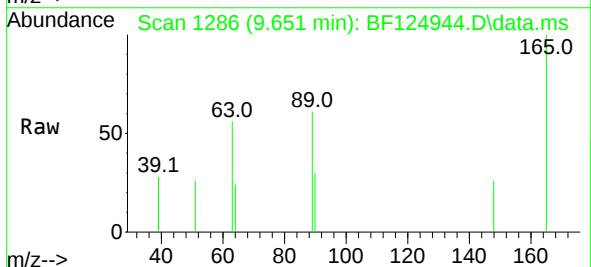
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

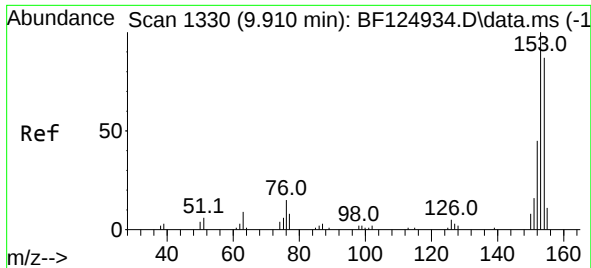
Tgt Ion:163 Resp: 4298
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 13.8 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 3.656 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:165 Resp: 901
Ion Ratio Lower Upper
165 100
63 55.8 42.6 63.8
89 61.2 40.6 60.8#

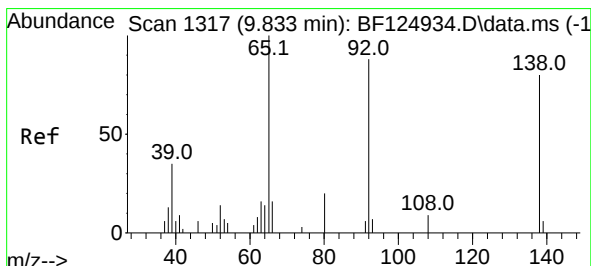
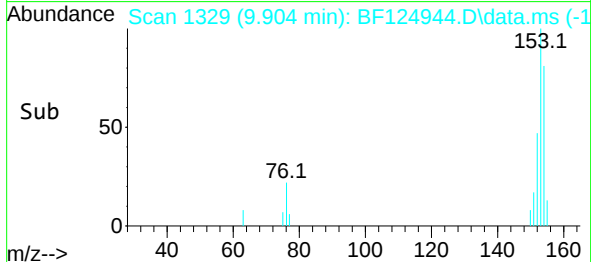
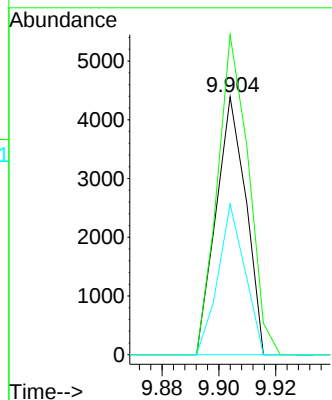
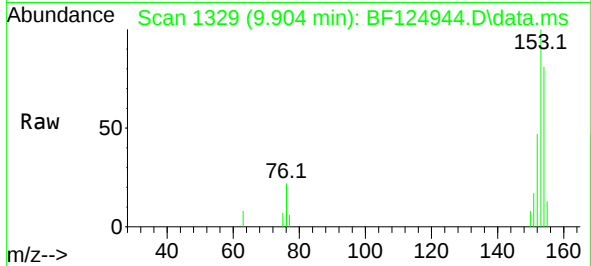




#52
Acenaphthene
Concen: 3.582 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

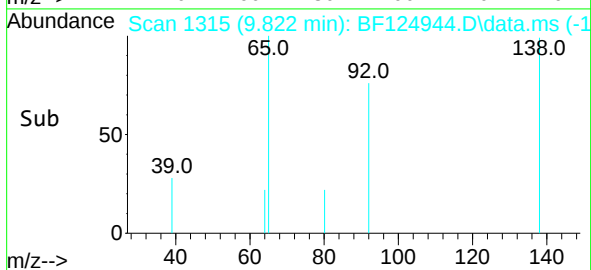
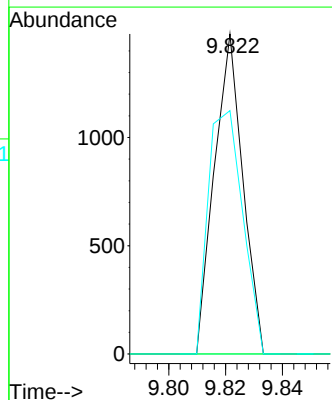
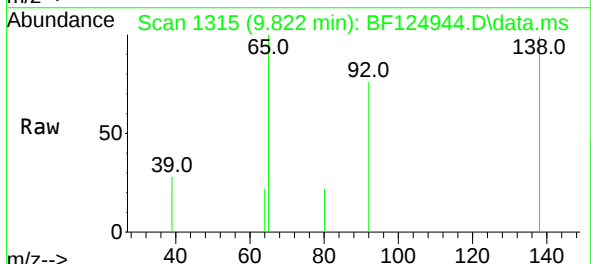
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

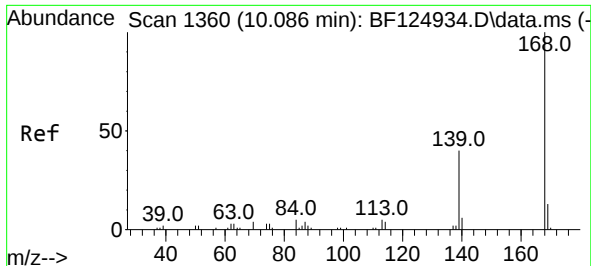
Tgt Ion:154 Resp: 3194
Ion Ratio Lower Upper
154 100
153 124.0 89.4 134.2
152 58.4 40.5 60.7



#53
3-Nitroaniline
Concen: 3.960 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

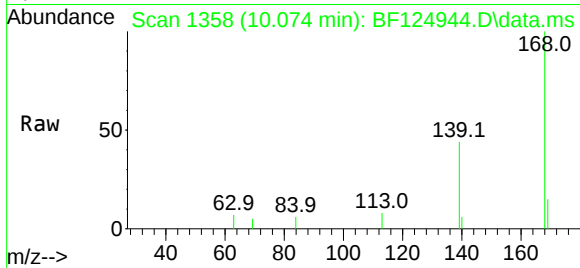
Tgt Ion:138 Resp: 1028
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 76.0 76.5 114.7#



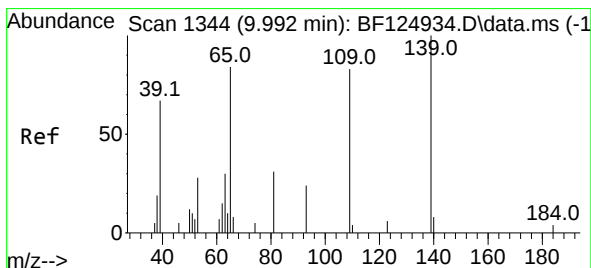
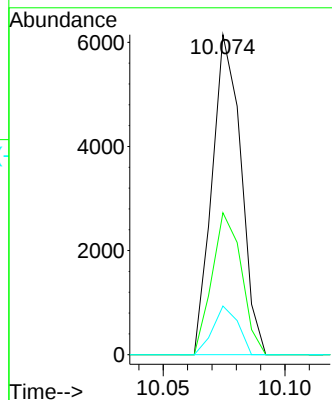
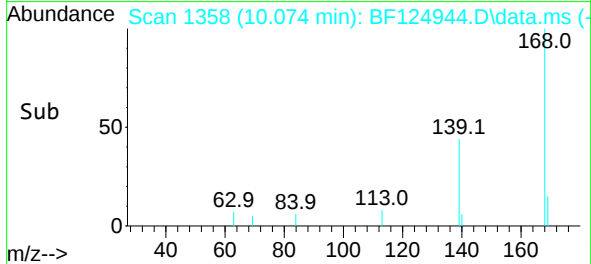


#55
Dibenzenofuran
Concen: 3.635 ng
RT: 10.074 min Scan# 1358
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

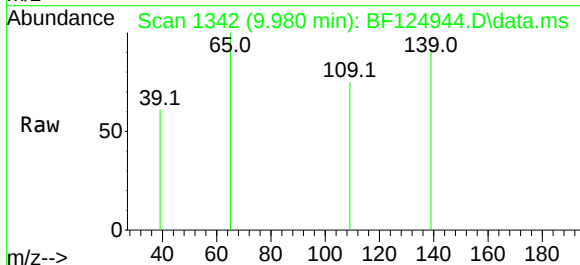
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



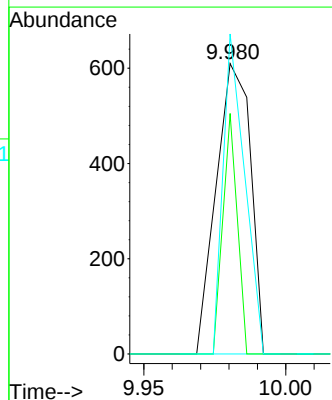
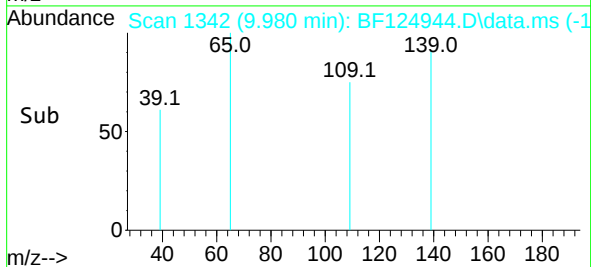
Tgt Ion:168 Resp: 5066
Ion Ratio Lower Upper
168 100
139 44.4 32.7 49.1
169 15.2 11.2 16.8

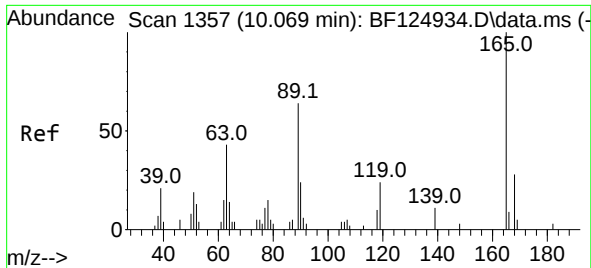


#56
4-Nitrophenol
Concen: 2.992 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36



Tgt Ion:139 Resp: 512
Ion Ratio Lower Upper
139 100
109 82.8 60.4 100.4
65 110.2 58.4 98.4#

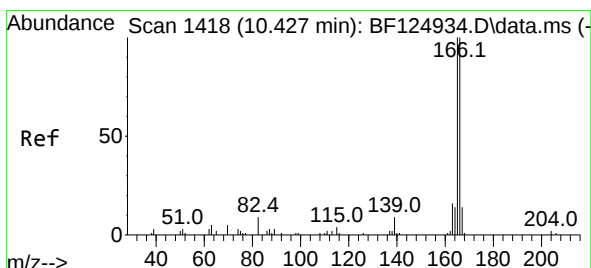
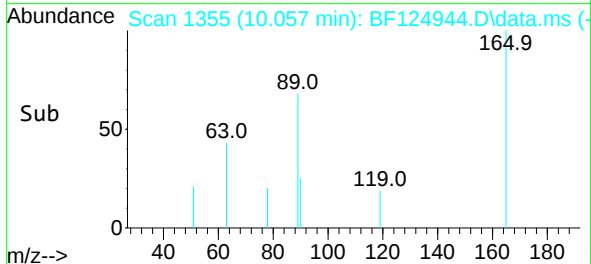
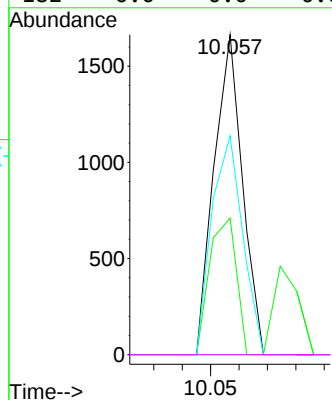
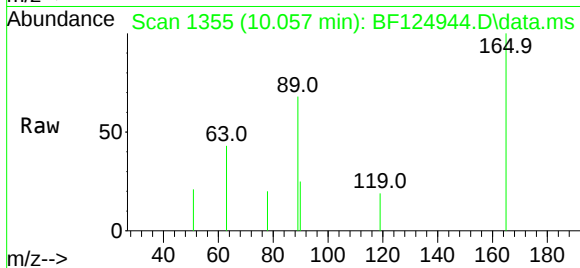




#57
2,4-Dinitrotoluene
Concen: 3.449 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

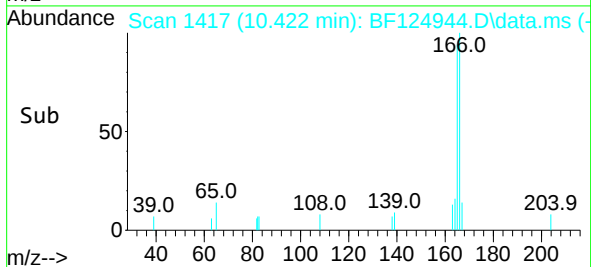
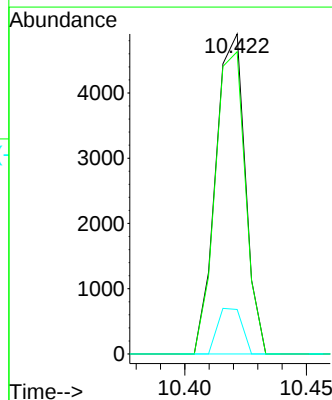
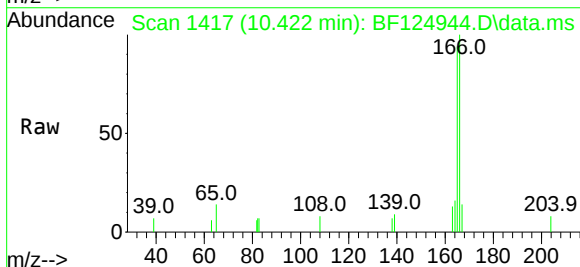
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

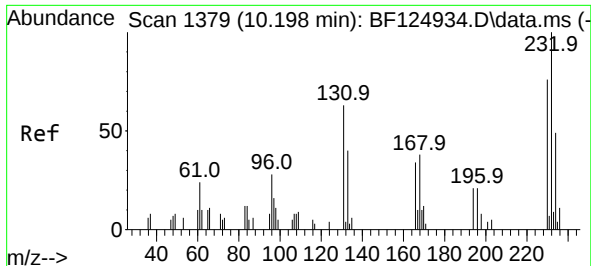
Tgt	Ion:165	Resp:	1154
Ion	Ratio	Lower	Upper
165	100		
63	42.7	40.9	61.3
89	68.4	59.7	89.5
182	0.0	0.0	0.0



#58
Fluorene
Concen: 3.876 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:166	Resp:	4141	
Ion	Ratio	Lower	Upper
166	100		
165	94.5	78.1	117.1
167	13.9	11.1	16.7

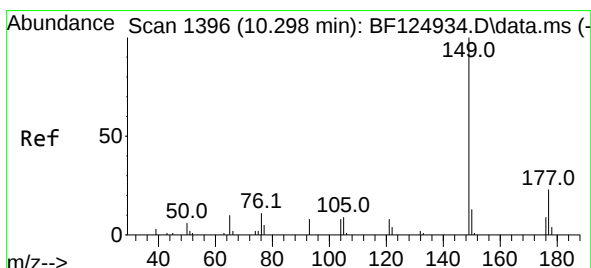
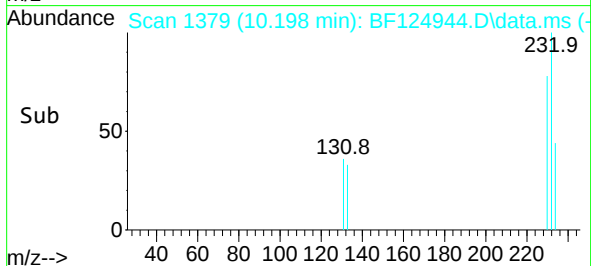
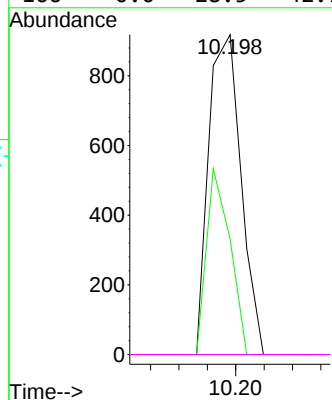
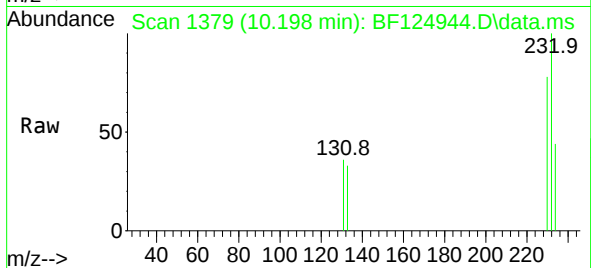




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.055 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

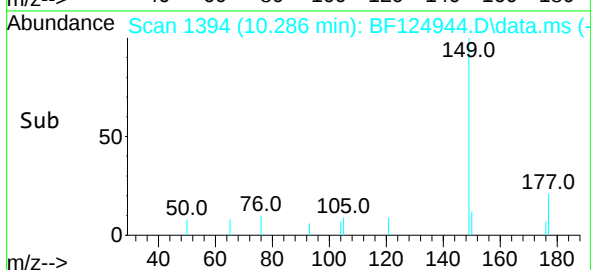
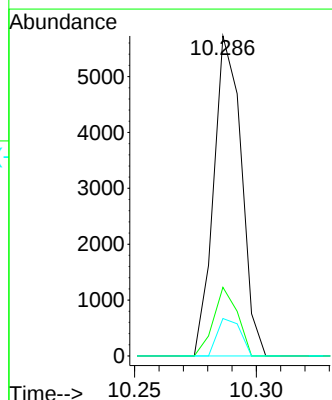
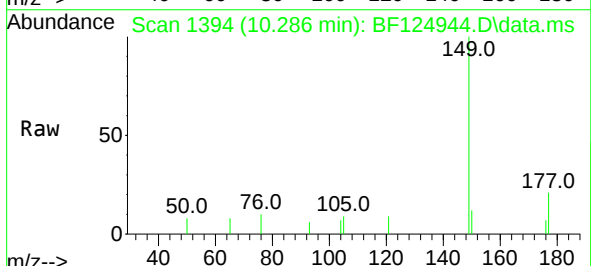
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

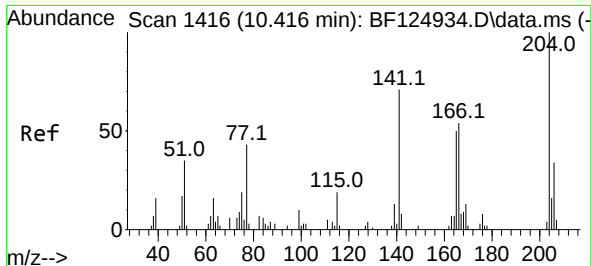
Tgt Ion:232 Resp: 724
Ion Ratio Lower Upper
232 100
131 42.1 45.4 68.0#
130 0.0 0.0 0.0
166 0.0 28.5 42.7#



#60
Diethylphthalate
Concen: 3.978 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:149 Resp: 4518
Ion Ratio Lower Upper
149 100
177 21.4 16.5 24.7
150 11.7 10.1 15.1

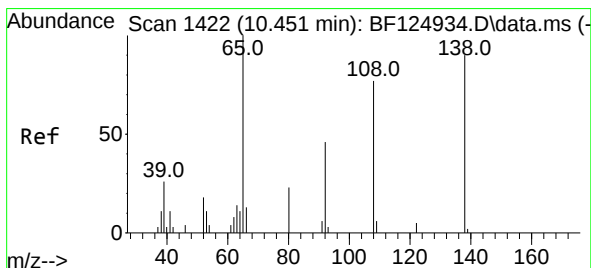
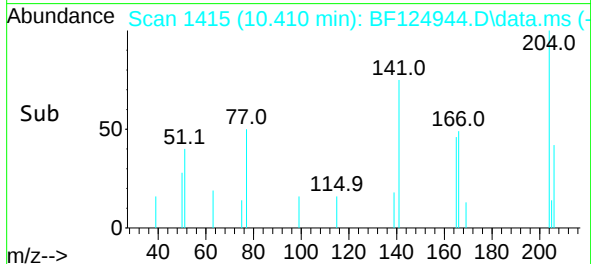
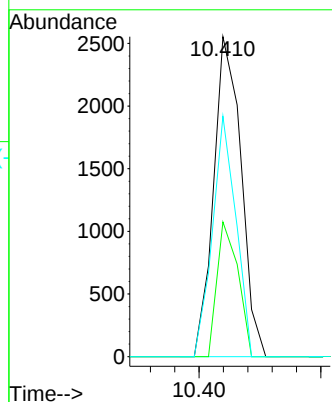
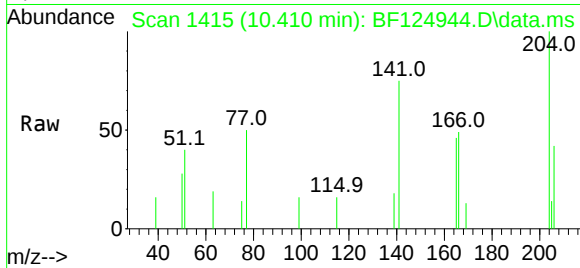




#61
4-Chlorophenyl-phenylether
Concen: 3.962 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

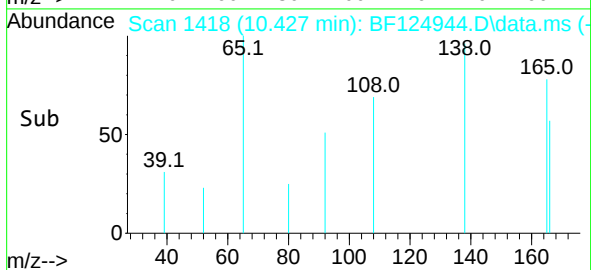
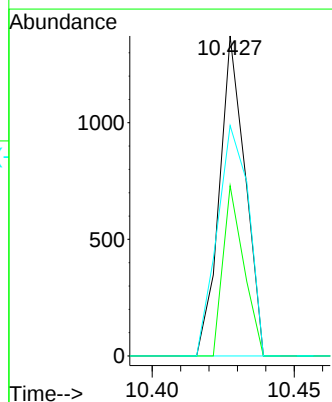
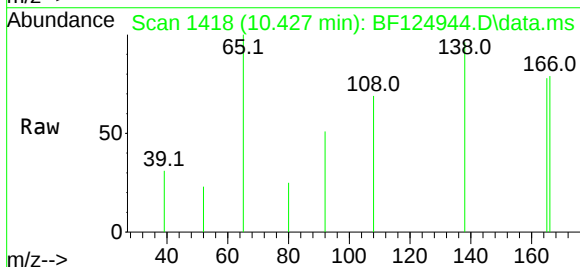
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

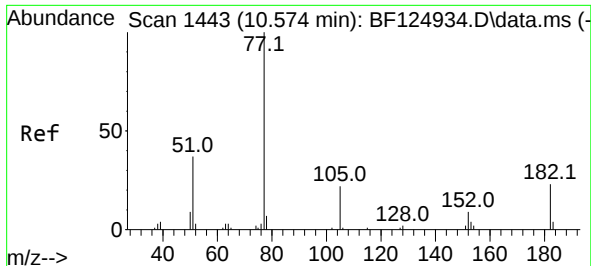
Tgt Ion:204 Resp: 1999
Ion Ratio Lower Upper
204 100
206 42.1 27.6 41.4#
141 75.1 58.6 88.0



#62
4-Nitroaniline
Concen: 3.424 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.024 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:138 Resp: 863
Ion Ratio Lower Upper
138 100
92 53.2 29.6 69.6
108 72.0 78.1 118.1#

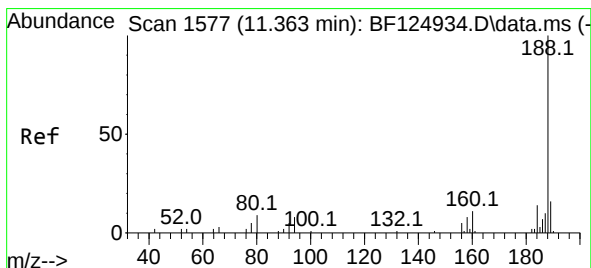
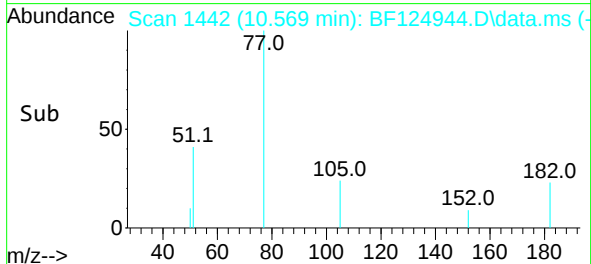
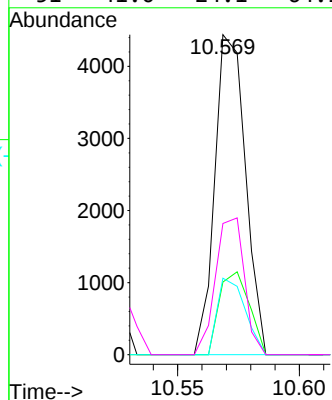
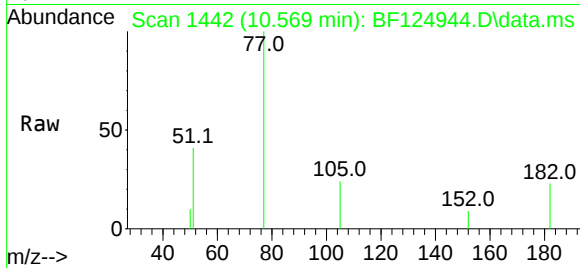




#63
Azobenzene
Concen: 3.499 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.005 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

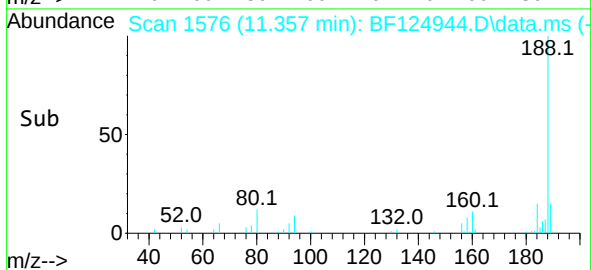
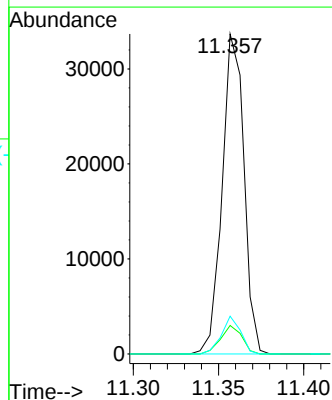
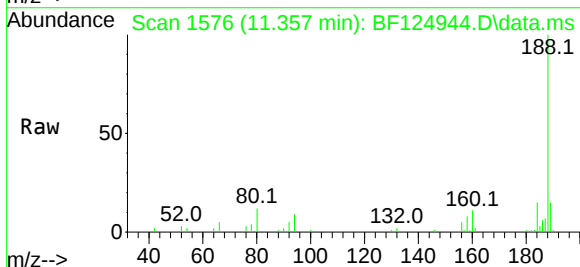
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

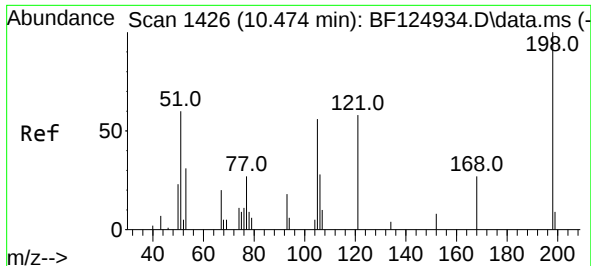
Tgt Ion: 77	Resp: 3886
Ion Ratio	Lower Upper
77 100	
182 22.7	6.3 46.3
105 23.9	2.9 42.9
51 41.0	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:188	Resp: 29971
Ion Ratio	Lower Upper
188 100	
94 8.9	6.7 10.1
80 11.8	7.5 11.3#

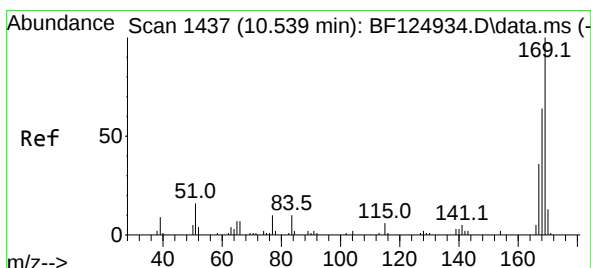
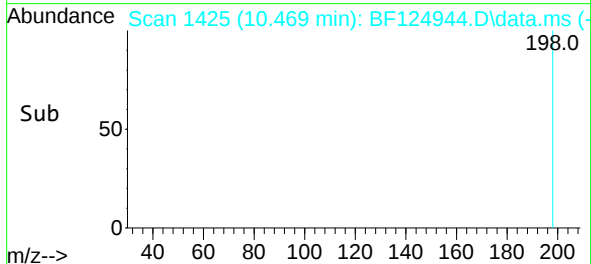
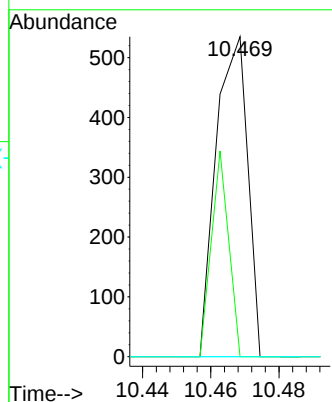
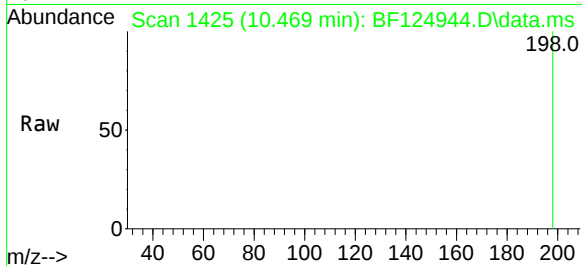




#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.832 ng
 RT: 10.469 min Scan# 1425
 Delta R.T. -0.005 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

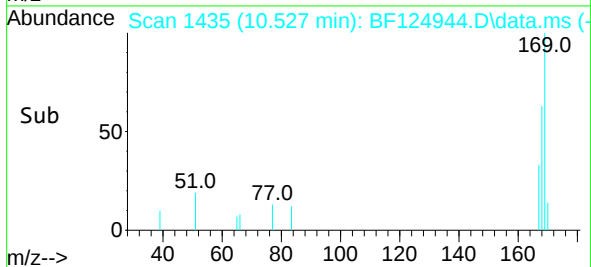
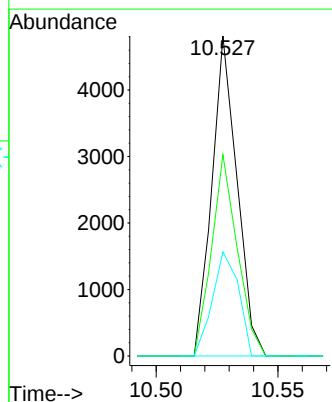
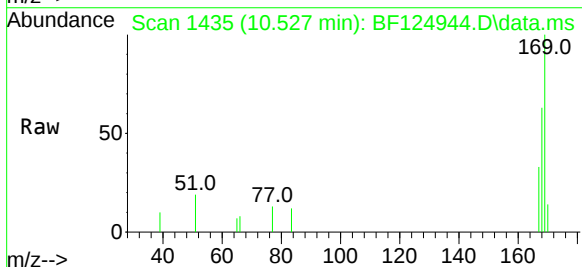
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

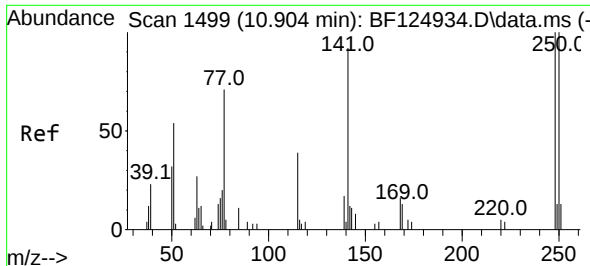
Tgt Ion:198 Resp: 344
 Ion Ratio Lower Upper
 198 100
 51 0.0 45.3 85.3#
 105 0.0 30.6 70.6#



#66
 n-Nitrosodiphenylamine
 Concen: 3.562 ng
 RT: 10.527 min Scan# 1435
 Delta R.T. -0.012 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

Tgt Ion:169 Resp: 3460
 Ion Ratio Lower Upper
 169 100
 168 62.9 50.8 76.2
 167 32.6 28.8 43.2

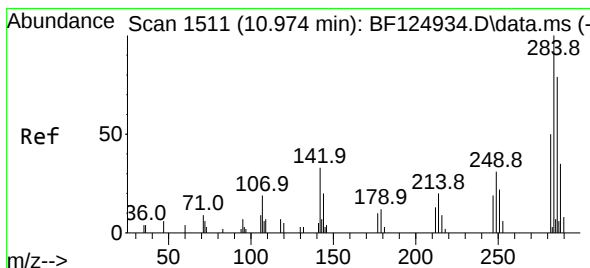
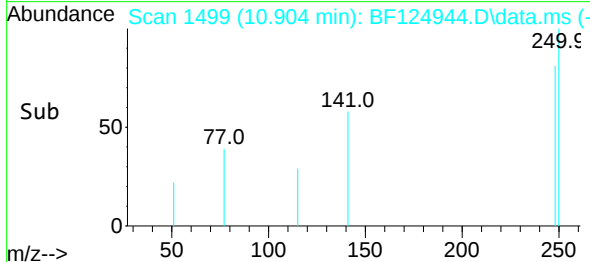
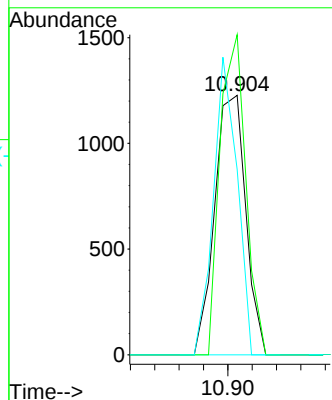
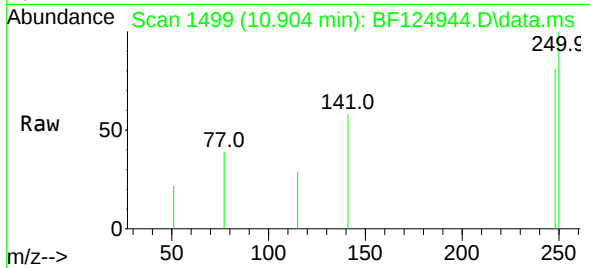




#67
4-Bromophenyl-phenylether
Concen: 3.314 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

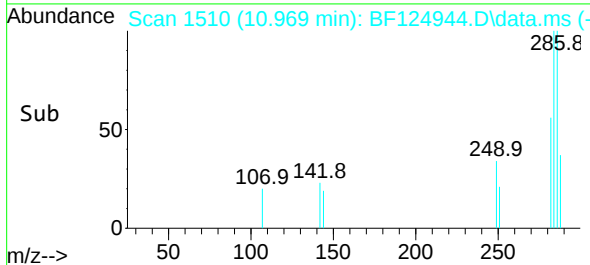
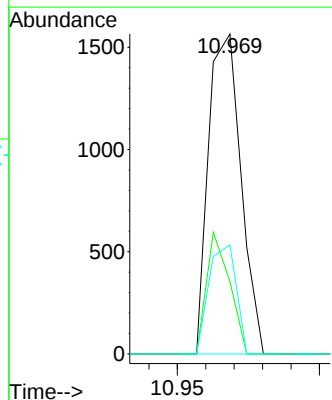
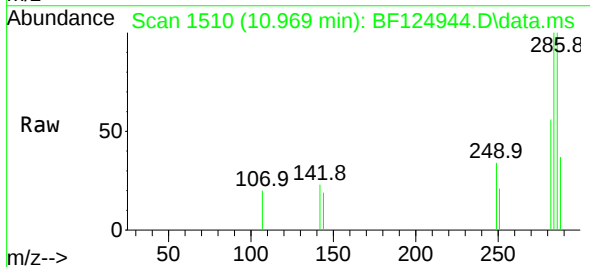
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

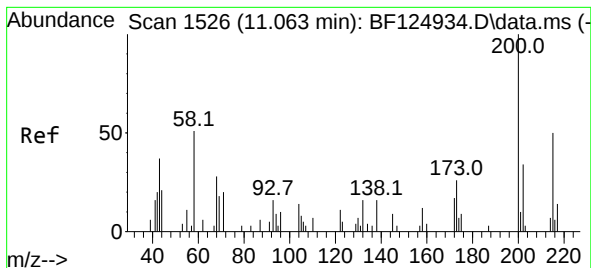
Tgt Ion:248 Resp: 1088
Ion Ratio Lower Upper
248 100
250 123.4 74.2 111.4#
141 71.5 60.4 90.6



#68
Hexachlorobenzene
Concen: 3.475 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:284 Resp: 1241
Ion Ratio Lower Upper
284 100
142 22.6 36.4 54.6#
249 34.1 25.6 38.4





#69

Atrazine

Concen: 3.710 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.012 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

Tgt Ion:200 Resp: 1083

Ion Ratio Lower Upper

200 100

173 26.9 11.1 51.1

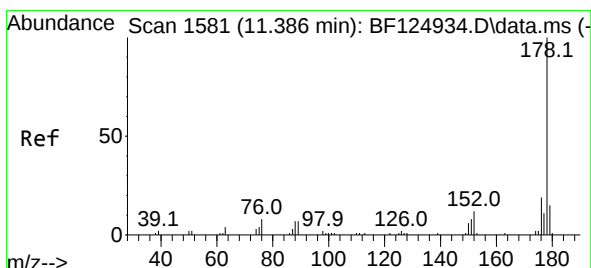
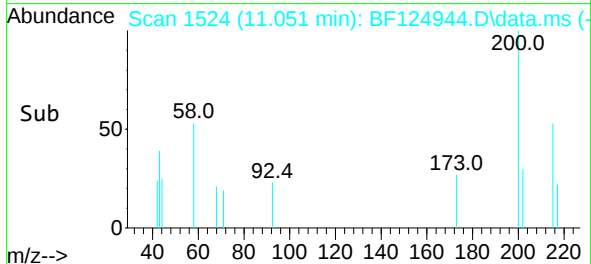
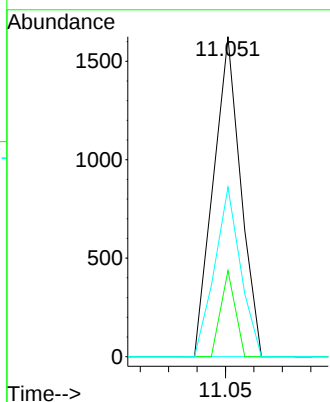
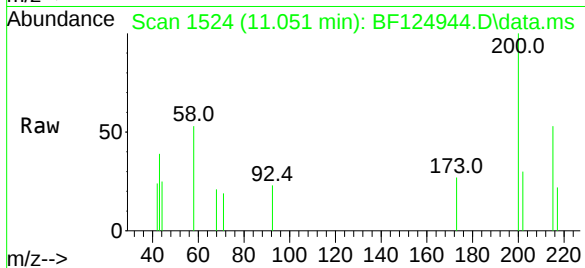
215 53.0 22.7 62.7

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#71

Phenanthrene

Concen: 3.725 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

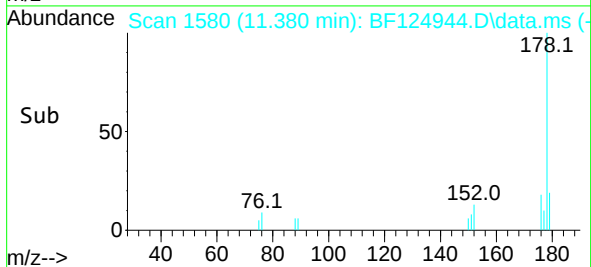
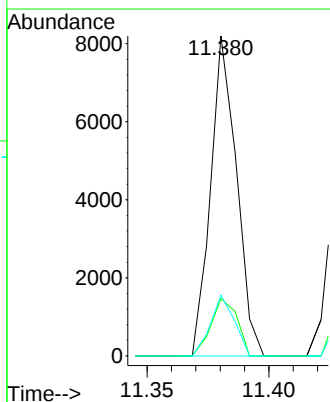
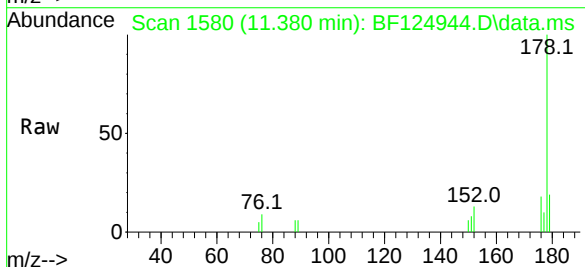
Tgt Ion:178 Resp: 6056

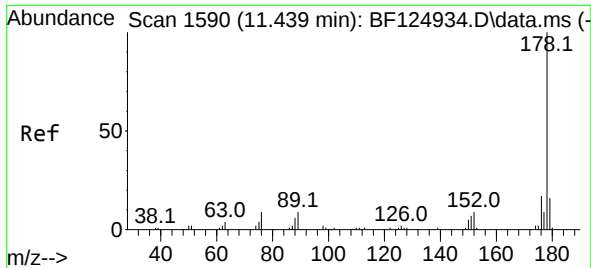
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 19.0 11.5 17.3#

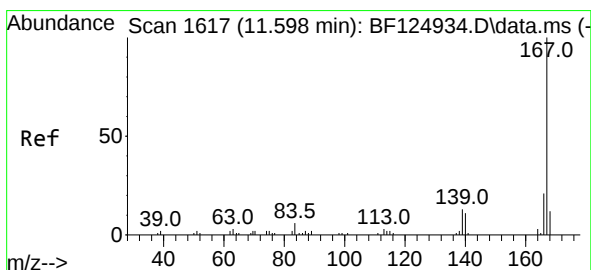
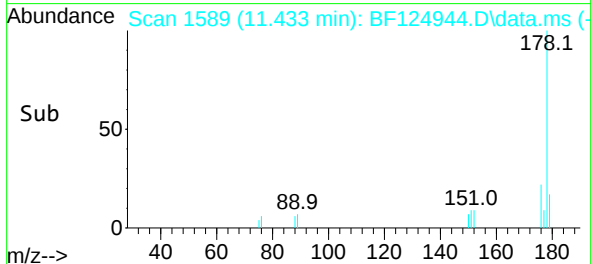
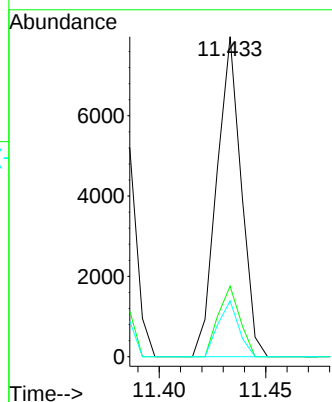
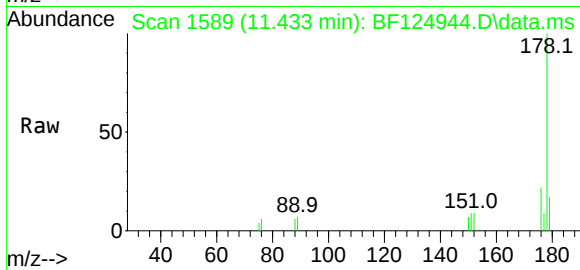




#72
 Anthracene
 Concen: 3.893 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

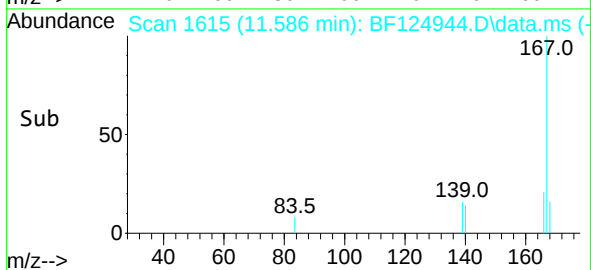
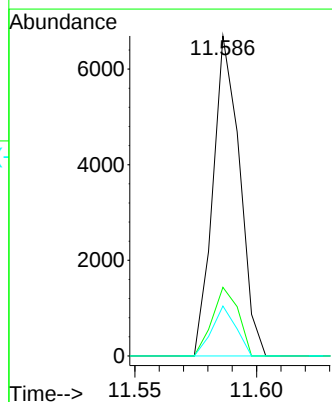
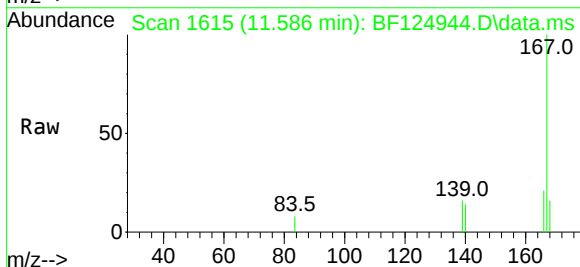
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

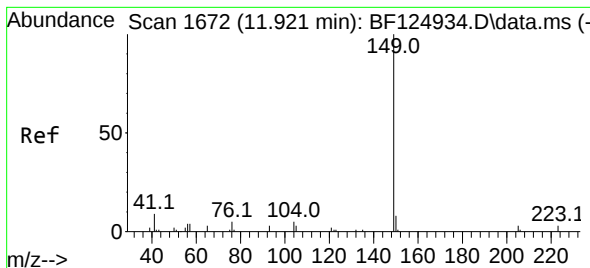
Tgt Ion:178 Resp: 6350
 Ion Ratio Lower Upper
 178 100
 176 22.0 14.3 21.5#
 179 17.4 12.2 18.4



#73
 Carbazole
 Concen: 3.406 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.012 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

Tgt Ion:167 Resp: 5094
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 15.6 11.0 16.4

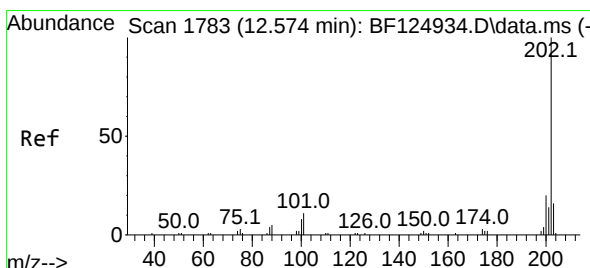
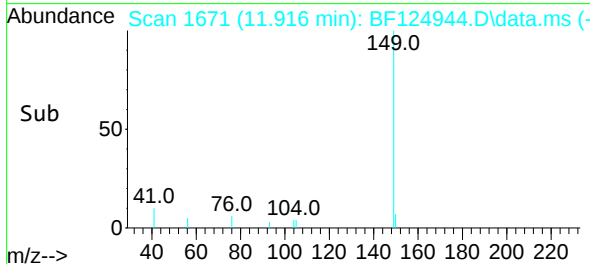
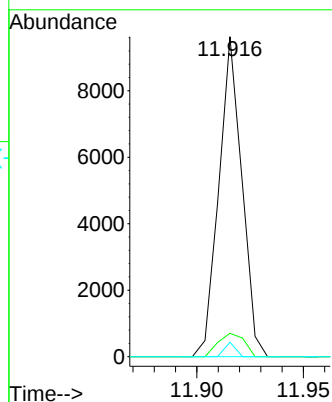
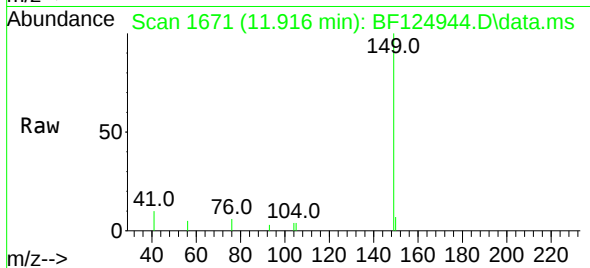




#74
Di-n-butylphthalate
Concen: 3.797 ng
RT: 11.916 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

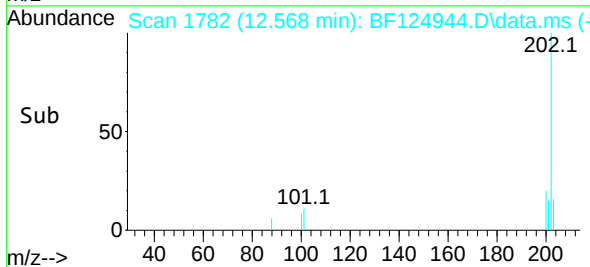
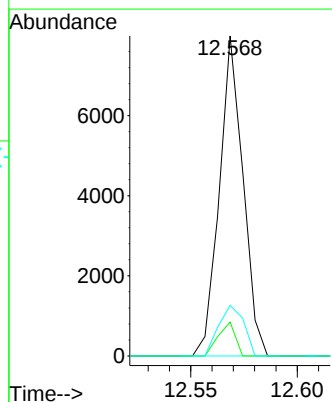
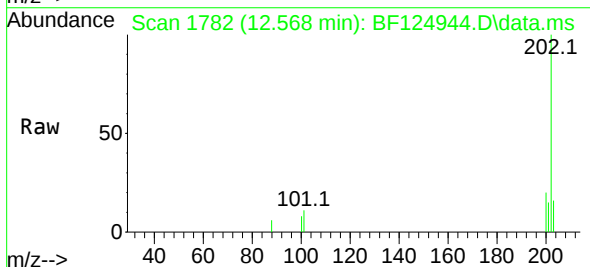
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

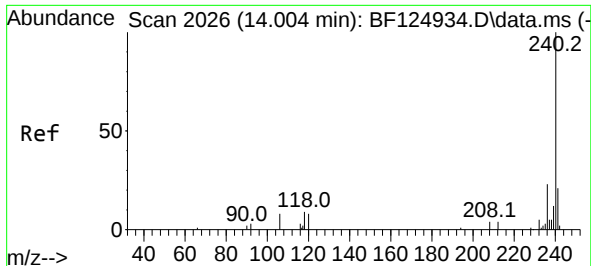
Tgt Ion:149 Resp: 7217
Ion Ratio Lower Upper
149 100
150 7.3 7.4 11.2#
104 4.5 4.1 6.1



#75
Fluoranthene
Concen: 3.666 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:202 Resp: 6166
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 15.8 0.0 36.3

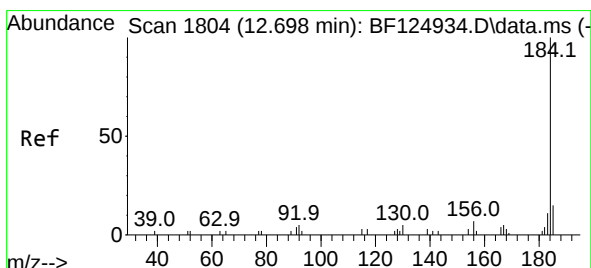
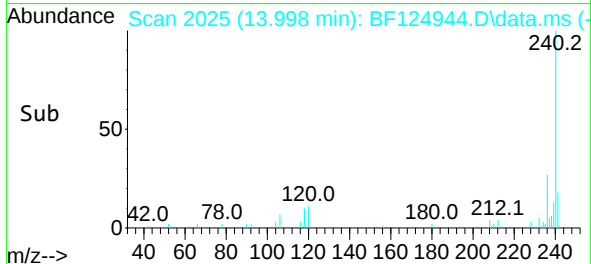
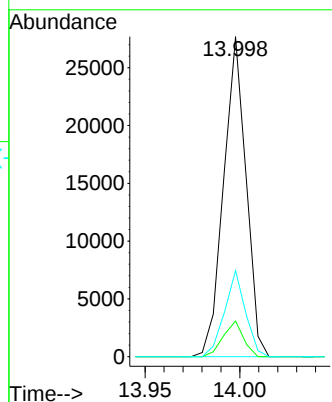
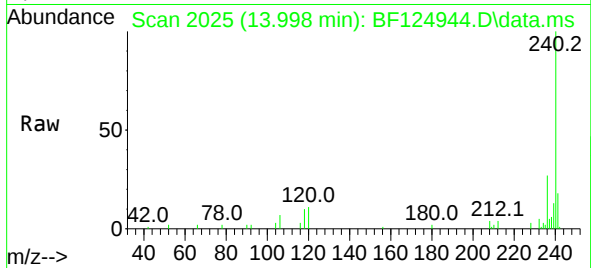




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

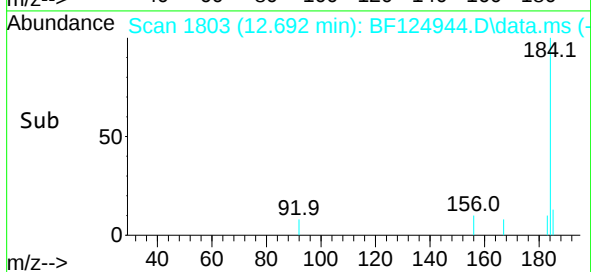
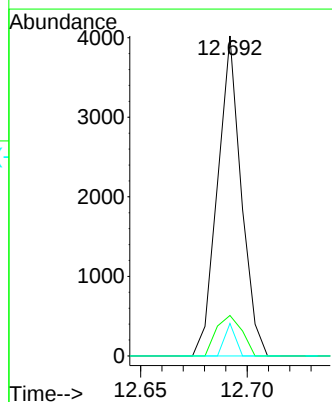
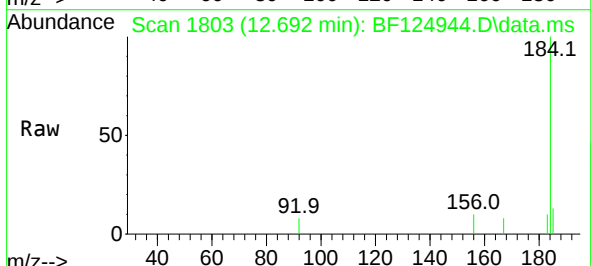
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

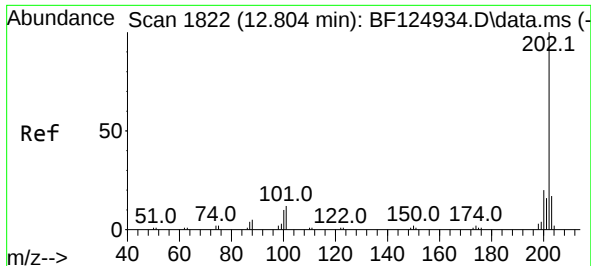
Tgt Ion:240 Resp: 22811
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 26.9 21.6 32.4



#77
Benzidine
Concen: 5.086 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:184 Resp: 3104
Ion Ratio Lower Upper
184 100
185 12.7 10.8 16.2
183 10.1 8.1 12.1

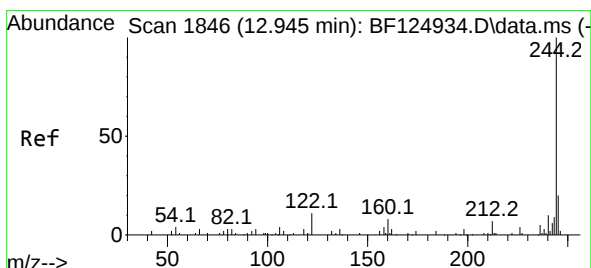
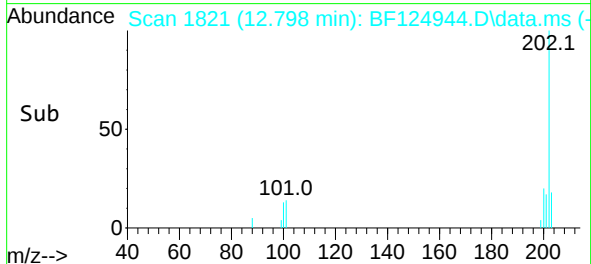
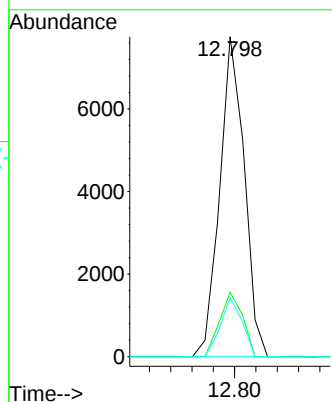
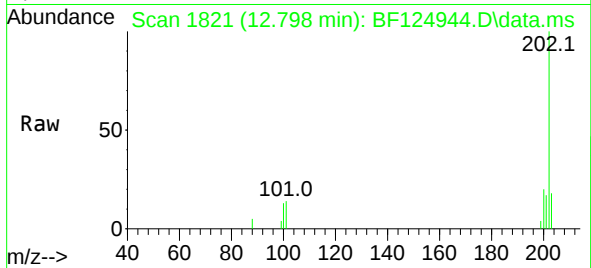




#78
Pyrene
Concen: 3.451 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

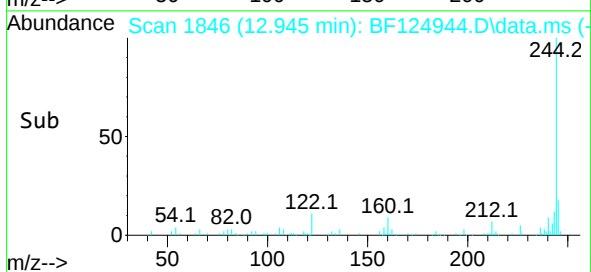
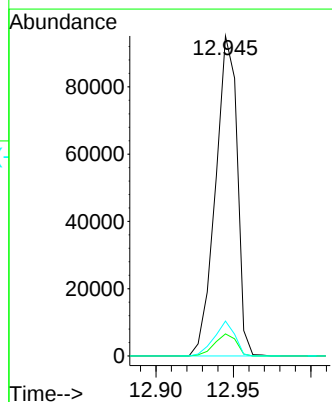
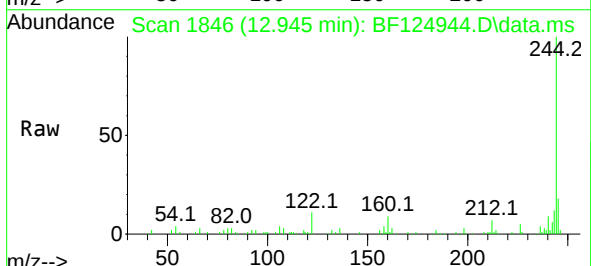
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

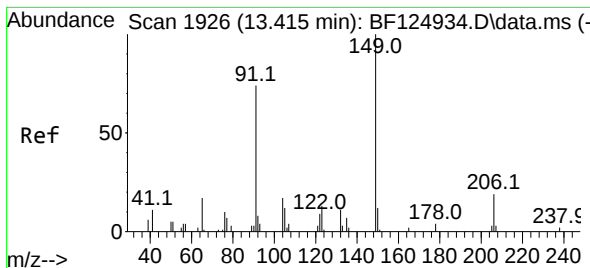
Tgt Ion:202	Resp:	6200
Ion Ratio	Lower	Upper
202	100	
200	20.1	15.3 22.9
203	18.4	13.4 20.0



#79
Terphenyl-d14
Concen: 68.407 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:244	Resp:	92507
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.9 8.9
122	10.9	9.0 13.4

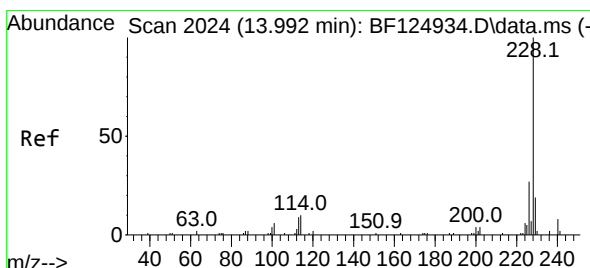
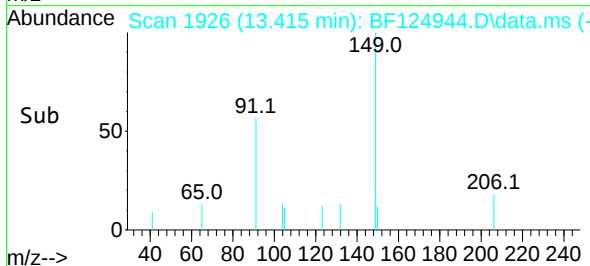
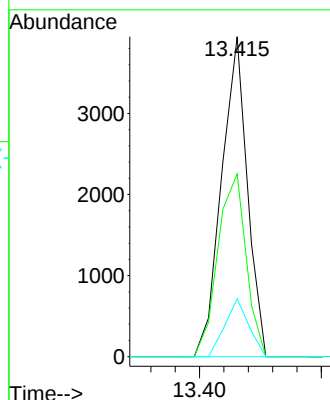
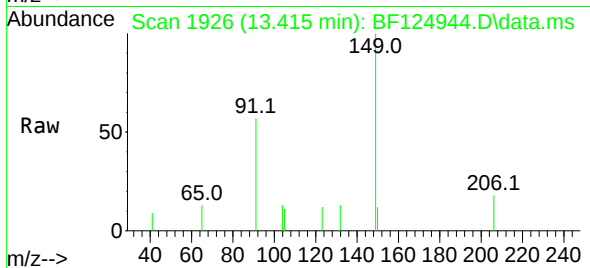




#80
Butylbenzylphthalate
Concen: 3.624 ng
RT: 13.415 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

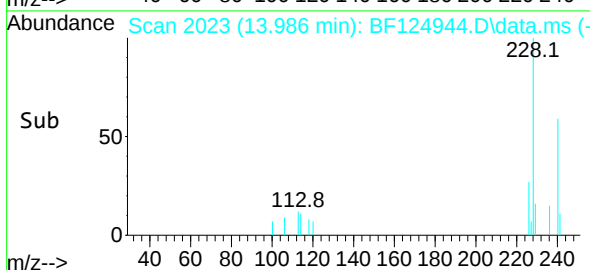
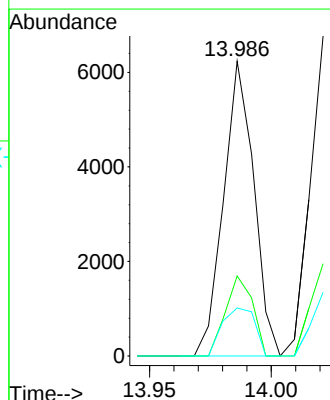
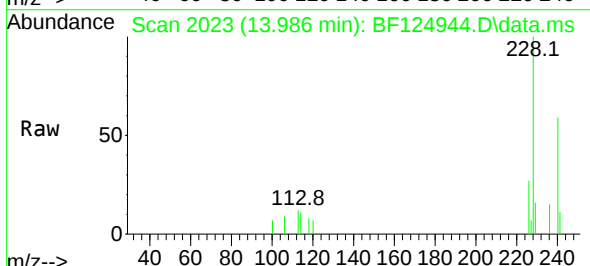
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

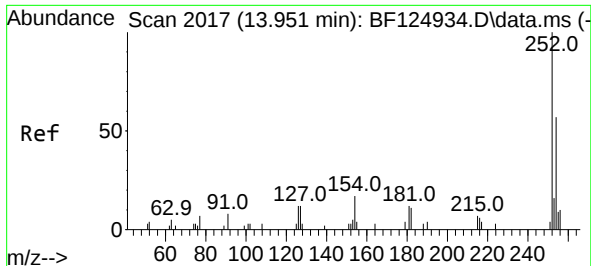
Tgt Ion:	149	Resp:	2898
Ion Ratio	Lower	Upper	
149	100		
91	57.2	51.8	77.8
206	18.1	14.5	21.7



#81
Benzo(a)anthracene
Concen: 3.625 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:	228	Resp:	5389
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.6	32.4
229	16.3	15.6	23.4

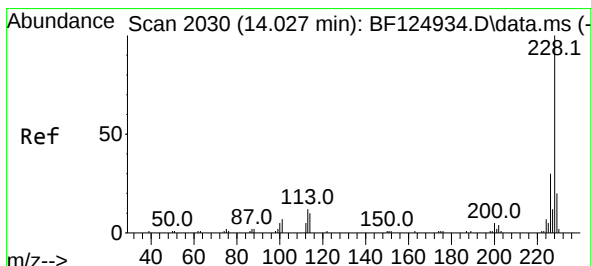
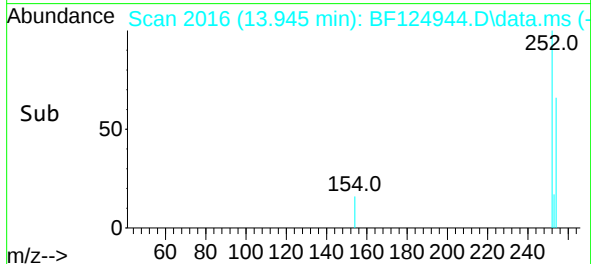
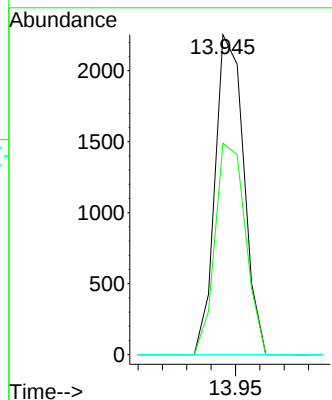
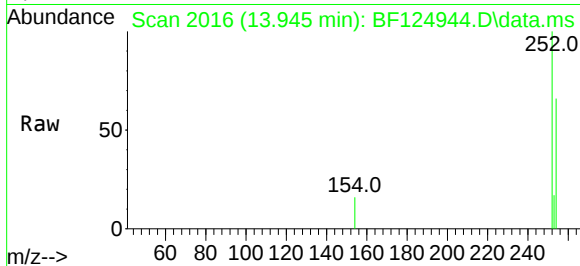




#82
 3,3'-Dichlorobenzidine
 Concen: 4.708 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

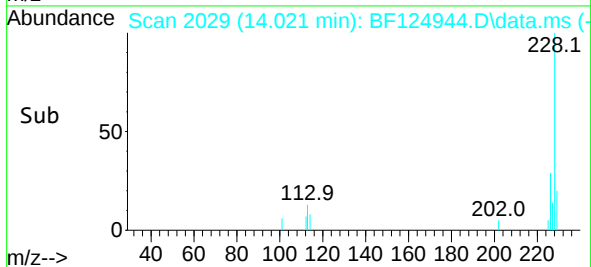
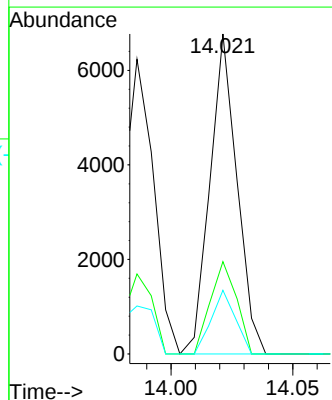
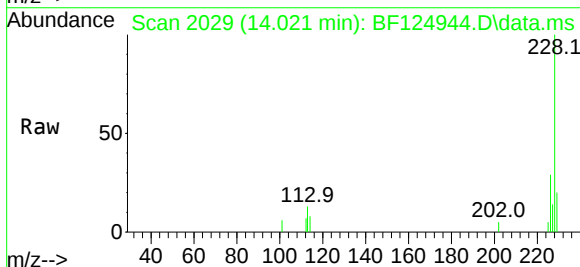
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

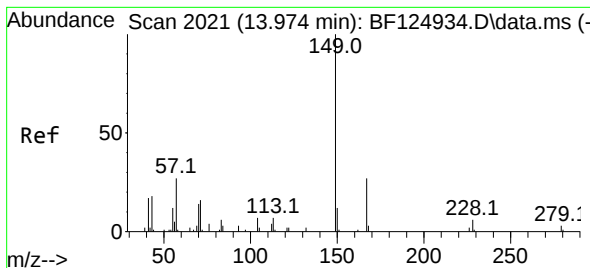
Tgt Ion:252 Resp: 1845
 Ion Ratio Lower Upper
 252 100
 254 66.1 51.4 77.0
 126 0.0 9.5 14.3#



#83
 Chrysene
 Concen: 3.644 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

Tgt Ion:228 Resp: 5237
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.6 34.0
 229 19.9 15.9 23.9

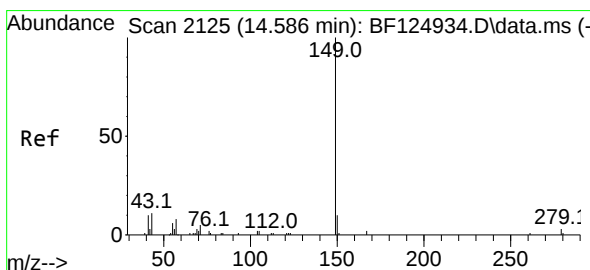
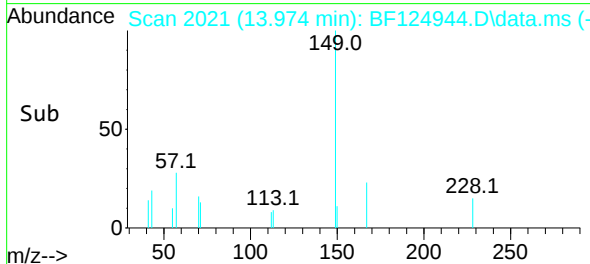
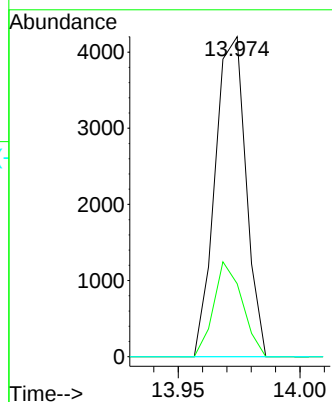
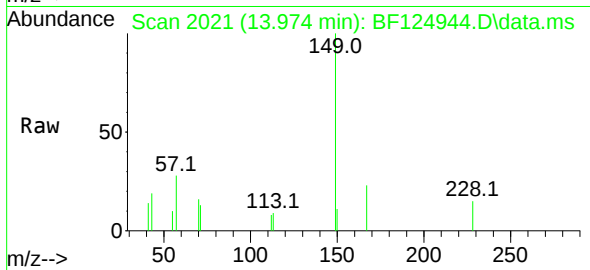




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.344 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

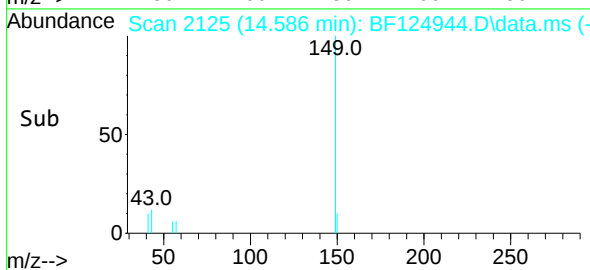
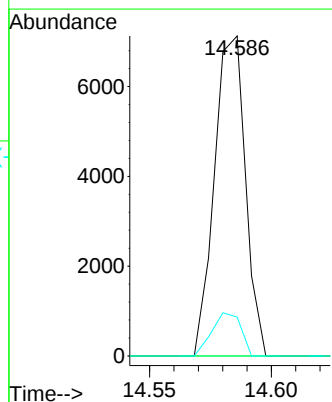
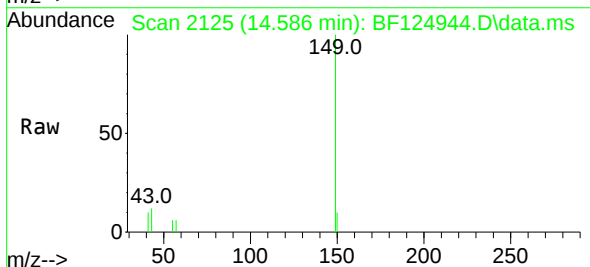
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

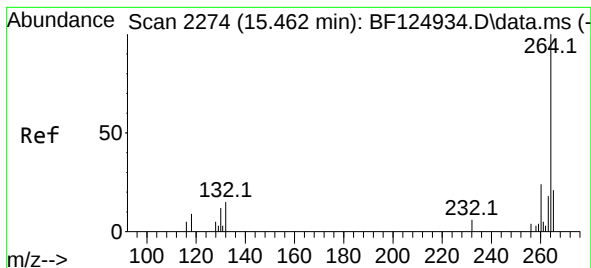
Tgt Ion:149 Resp: 3709
Ion Ratio Lower Upper
149 100
167 22.8 21.4 32.0
279 0.0 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 3.604 ng
RT: 14.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:149 Resp: 6306
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 12.6 9.9 14.9

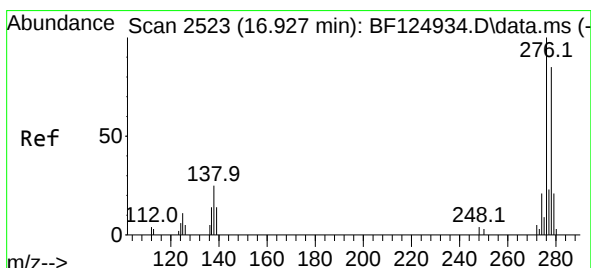
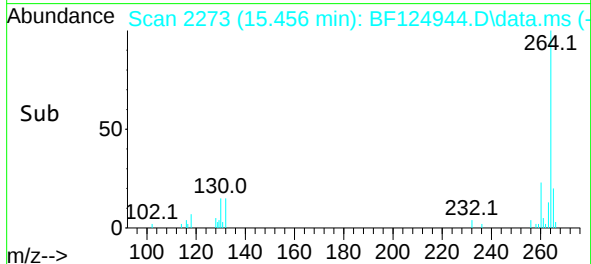
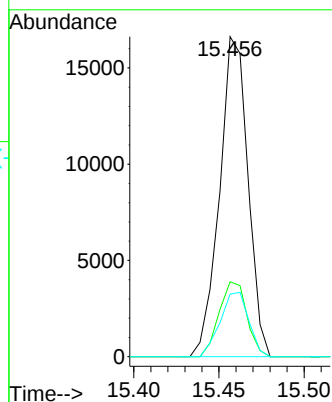
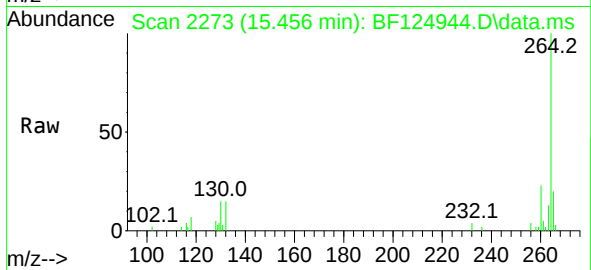




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

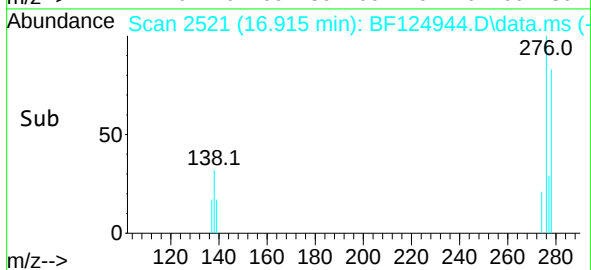
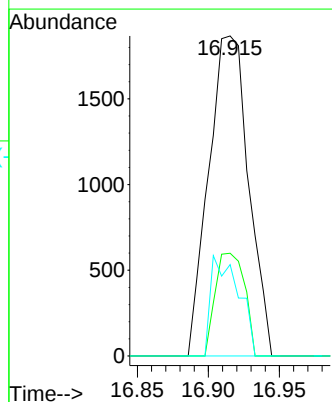
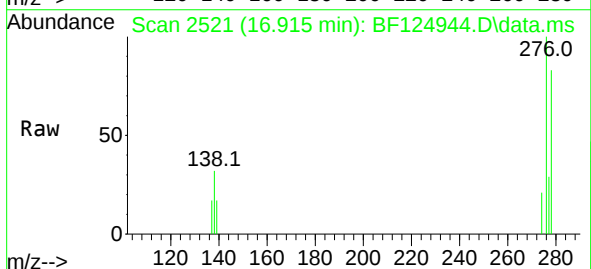
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

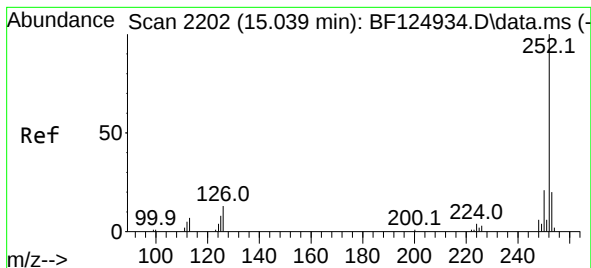
Tgt Ion:264 Resp: 19275
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 19.6 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.177 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

Tgt Ion:276 Resp: 3647
Ion Ratio Lower Upper
276 100
138 23.5 24.1 36.1#
277 21.9 18.8 28.2





#88

Benzo(b)fluoranthene

Concen: 3.635 ng

RT: 15.027 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

Tgt Ion:252 Resp: 4919

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

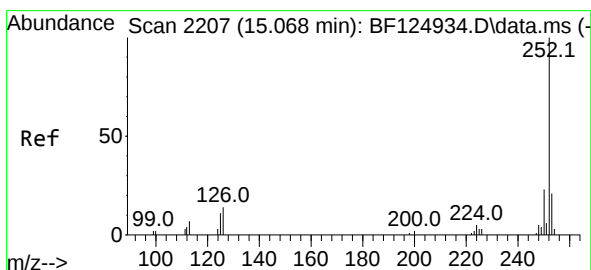
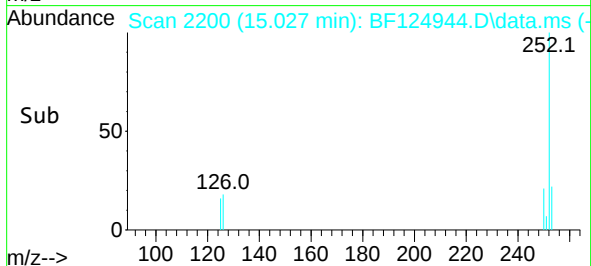
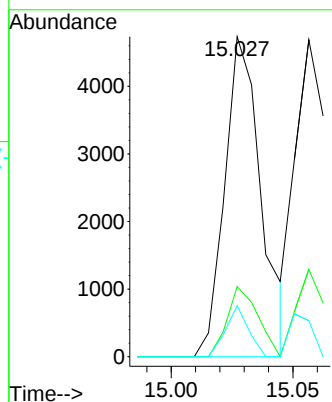
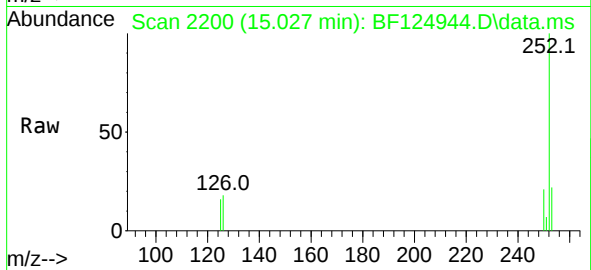
125 16.0 9.8 14.8#

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#89

Benzo(k)fluoranthene

Concen: 3.548 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BF124944.D

Acq: 5 Aug 2021 10:36

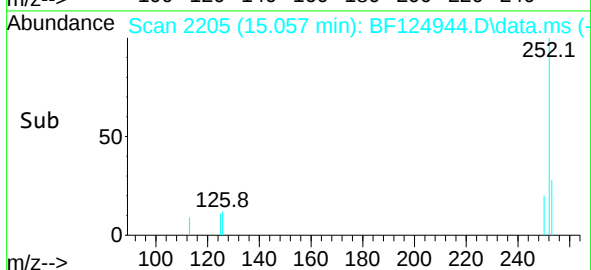
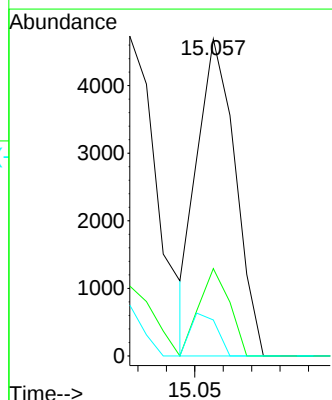
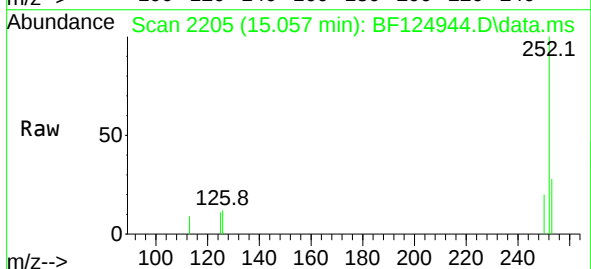
Tgt Ion:252 Resp: 4368

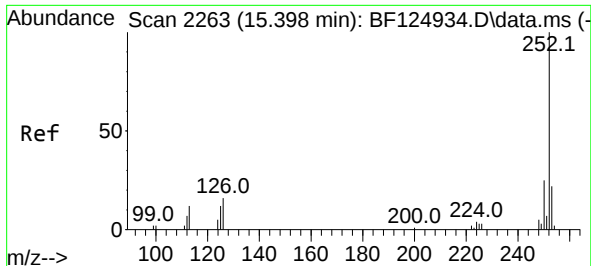
Ion Ratio Lower Upper

252 100

253 27.5 17.8 26.8#

125 11.4 7.2 10.8#

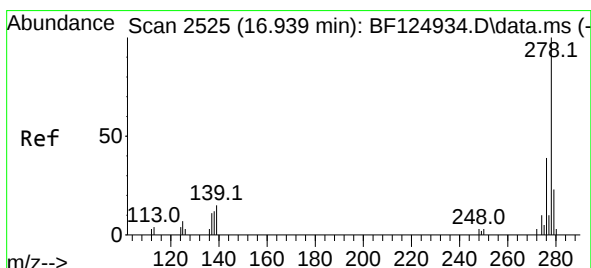
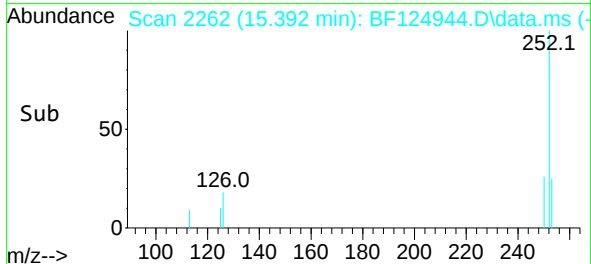
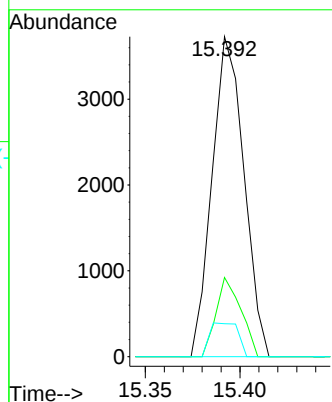
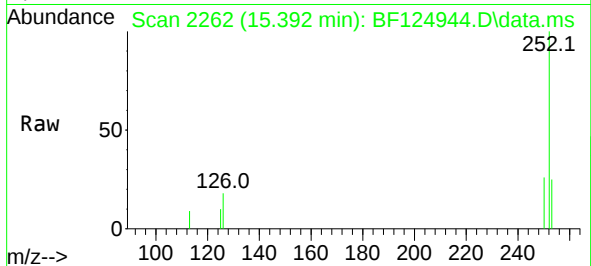




#90
Benzo(a)pyrene
Concen: 3.784 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

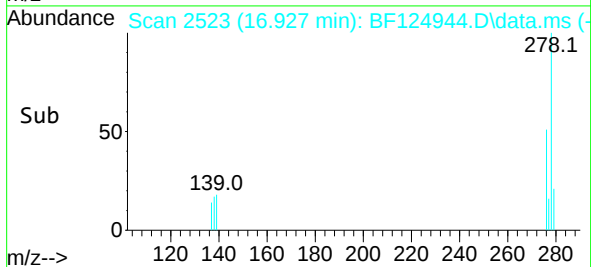
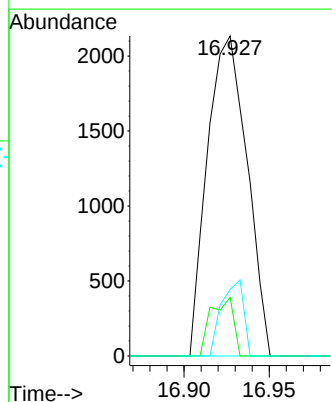
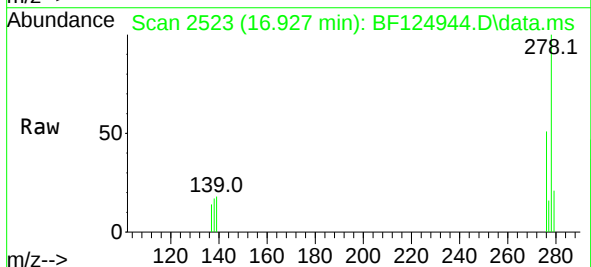
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

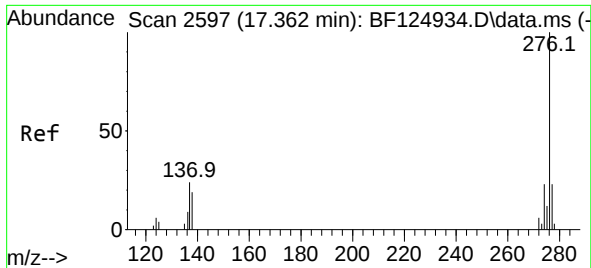
Tgt Ion:252 Resp: 4361
Ion Ratio Lower Upper
252 100
253 24.8 18.4 27.6
125 10.3 9.9 14.9



#91
Dibenzo(a,h)anthracene
Concen: 3.426 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.012 min
Lab File: BF124944.D
Acq: 5 Aug 2021 10:36

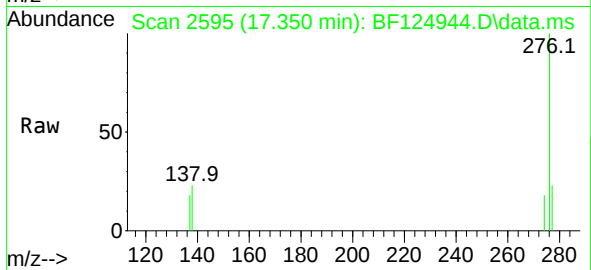
Tgt Ion:278 Resp: 3458
Ion Ratio Lower Upper
278 100
139 18.3 14.9 22.3
279 20.8 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 3.250 ng
 RT: 17.350 min Scan# 2595
 Delta R.T. -0.012 min
 Lab File: BF124944.D
 Acq: 5 Aug 2021 10:36

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	276	Resp:	3146
Ion	Ratio	Lower	Upper
276	100		
277	22.8	22.0	33.0
138	22.9	22.2	33.4

