

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126956.D
 Acq On : 18 Feb 2022 17:08
 Operator : CG\JU
 Sample : M4068-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Quant Time: Feb 18 23:52:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103673	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	407027	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	211436	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	388359	20.000	ng	0.00
76) Chrysene-d12	14.104	240	265955	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	206530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	936706	139.646	ng	0.00
7) Phenol-d6	6.557	99	1282702	141.718	ng	0.00
23) Nitrobenzene-d5	7.498	82	722482	80.120	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	379872	156.043	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1179555	82.128	ng	0.00
79) Terphenyl-d14	13.051	244	1405101	77.666	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	11306	3.683	ng	# 97
3) Pyridine	3.599	79	25253	3.137	ng	# 85
4) n-Nitrosodimethylamine	3.475	42	13773	3.492	ng	# 71
6) Aniline	6.598	93	43533	4.059	ng	98
8) 2-Chlorophenol	6.716	128	26895	3.737	ng	96
9) Benzaldehyde	6.487	77	26692	4.845	ng	95
10) Phenol	6.569	94	35167	3.845	ng	87
11) bis(2-Chloroethyl)ether	6.663	93	27887	3.888	ng	95
12) 1,3-Dichlorobenzene	6.869	146	29481	3.797	ng	97
13) 1,4-Dichlorobenzene	6.945	146	29960	3.806	ng	97
14) 1,2-Dichlorobenzene	7.098	146	27925	3.720	ng	97
15) Benzyl Alcohol	7.063	79	21022	2.757	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.198	45	39917	3.534	ng	96
17) 2-Methylphenol	7.169	107	23718	3.809	ng	93
18) Hexachloroethane	7.440	117	11635	3.857	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	21654	3.713	ng	92
20) 3+4-Methylphenols	7.322	107	30458	3.767	ng	# 75
22) Acetophenone	7.334	105	43385	4.048	ng	94
24) Nitrobenzene	7.510	77	35703	4.191	ng	97
25) Isophorone	7.740	82	60117	4.029	ng	97
26) 2-Nitrophenol	7.822	139	13652	3.764	ng	# 83
27) 2,4-Dimethylphenol	7.851	122	25245	4.237	ng	90
28) bis(2-Chloroethoxy)met...	7.951	93	34209	3.782	ng	97
29) 2,4-Dichlorophenol	8.063	162	19579	3.495	ng	96
30) 1,2,4-Trichlorobenzene	8.151	180	24071	3.843	ng	97
31) Naphthalene	8.234	128	83645	3.937	ng	98
33) 4-Chloroaniline	8.281	127	33880	4.051	ng	96
34) Hexachlorobutadiene	8.345	225	13350	3.651	ng	97
35) Caprolactam	8.610	113	6899	3.527	ng	92
36) 4-Chloro-3-methylphenol	8.751	107	26469	3.697	ng	99
37) 2-Methylnaphthalene	8.922	142	54616	3.961	ng	98
38) 1-Methylnaphthalene	9.022	142	52194	3.953	ng	97
40) 1,2,4,5-Tetrachloroben...	9.086	216	22367	4.019	ng	98
41) Hexachlorocyclopentadiene	9.075	237	8921	2.955	ng	97
43) 2,4,6-Trichlorophenol	9.198	196	14520	3.557	ng	99
44) 2,4,5-Trichlorophenol	9.239	196	15317	3.566	ng	96

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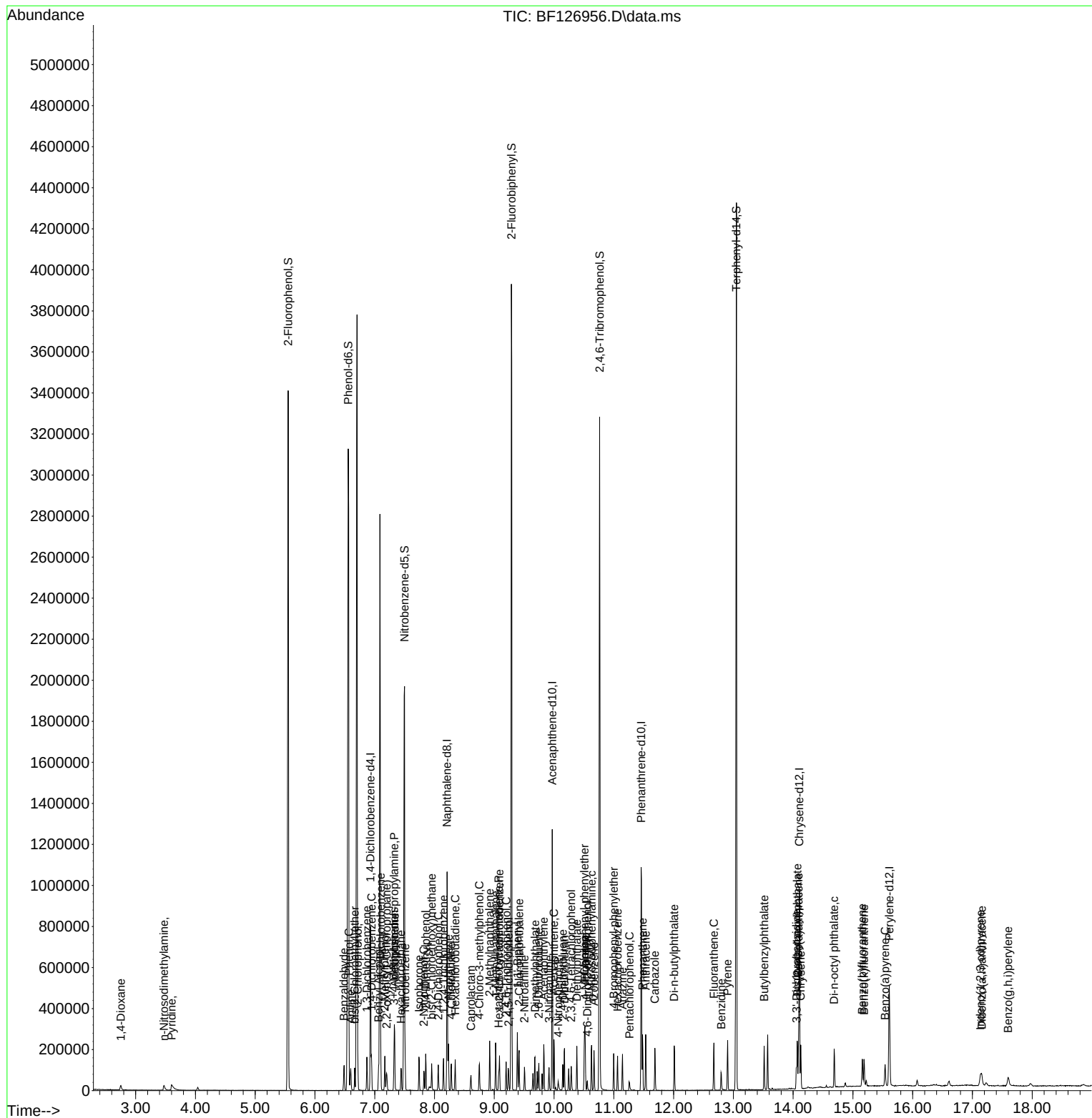
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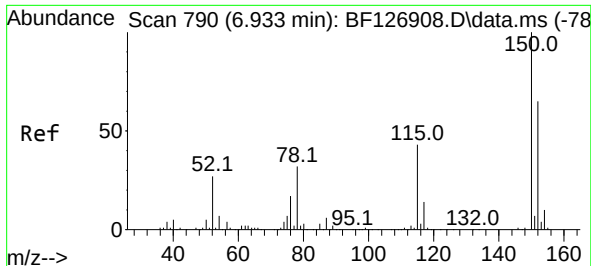
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.386	154	67701	4.041	ng	94
47) 2-Chloronaphthalene	9.416	162	48384	3.895	ng	97
48) 2-Nitroaniline	9.504	65	17191	3.507	ng	95
49) Acenaphthylene	9.828	152	82941	4.110	ng	99
50) Dimethylphthalate	9.681	163	57744	3.821	ng	# 98
51) 2,6-Dinitrotoluene	9.745	165	11594	3.771	ng	92
52) Acenaphthene	9.998	154	49345	3.760	ng	96
53) 3-Nitroaniline	9.916	138	13690	3.642	ng	94
55) Dibenzofuran	10.175	168	71180	3.945	ng	98
56) 4-Nitrophenol	10.069	139	8022	2.890	ng	# 88
57) 2,4-Dinitrotoluene	10.145	165	15619	3.757	ng	# 92
58) Fluorene	10.516	166	56015	3.985	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	12124	3.560	ng	96
60) Diethylphthalate	10.381	149	61815	3.914	ng	98
61) 4-Chlorophenyl-phenyle...	10.510	204	25887	3.906	ng	98
62) 4-Nitroaniline	10.522	138	12826	3.456	ng	# 81
63) Azobenzene	10.669	77	65057	3.700	ng	94
65) 4,6-Dinitro-2-methylph...	10.557	198	4790	2.099	ng	84
66) n-Nitrosodiphenylamine	10.628	169	47221	3.708	ng	95
67) 4-Bromophenyl-phenylether	10.998	248	15845	3.652	ng	# 85
68) Hexachlorobenzene	11.063	284	18415	3.942	ng	93
69) Atrazine	11.145	200	16232	4.110	ng	96
70) Pentachlorophenol	11.263	266	6093	2.389	ng	97
71) Phenanthrene	11.480	178	84711	3.897	ng	98
72) Anthracene	11.533	178	86451	3.995	ng	98
73) Carbazole	11.686	167	73354	3.696	ng	97
74) Di-n-butylphthalate	12.010	149	97731	3.831	ng	98
75) Fluoranthene	12.675	202	82358	3.990	ng	96
77) Benzidine	12.798	184	31784	4.398	ng	# 95
78) Pyrene	12.904	202	83226	3.602	ng	99
80) Butylbenzylphthalate	13.516	149	39062	3.571	ng	92
81) Benzo(a)anthracene	14.092	228	66850	3.728	ng	98
82) 3,3'-Dichlorobenzidine	14.057	252	20160	3.568	ng	# 96
83) Chrysene	14.127	228	64070	3.800	ng	97
84) Bis(2-ethylhexyl)phtha...	14.069	149	55513	3.866	ng	99
85) Di-n-octyl phthalate	14.686	149	81625	3.948	ng	98
87) Indeno(1,2,3-cd)pyrene	17.133	276	40325	2.978	ng	# 87
88) Benzo(b)fluoranthene	15.157	252	56153	4.048	ng	# 95
89) Benzo(k)fluoranthene	15.186	252	52346	3.912	ng	# 97
90) Benzo(a)pyrene	15.539	252	47237	4.360	ng	# 92
91) Dibenzo(a,h)anthracene	17.157	278	34570	3.087	ng	# 87
92) Benzo(g,h,i)perylene	17.598	276	34579	3.132	ng	# 84

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

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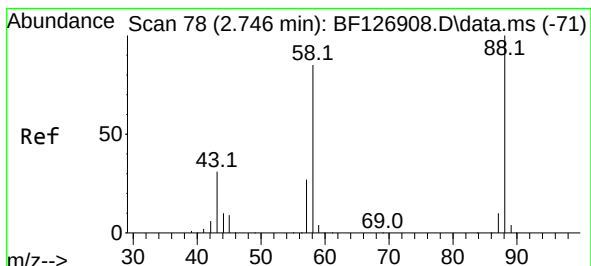
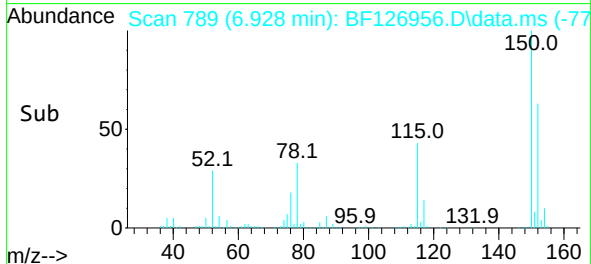
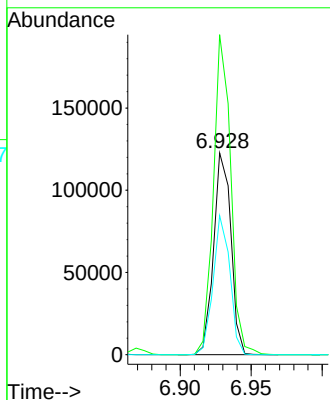
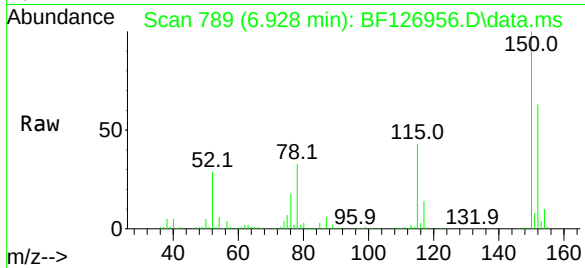




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

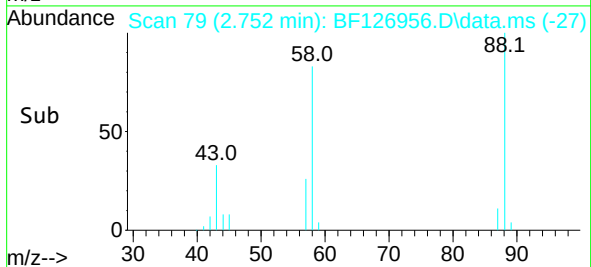
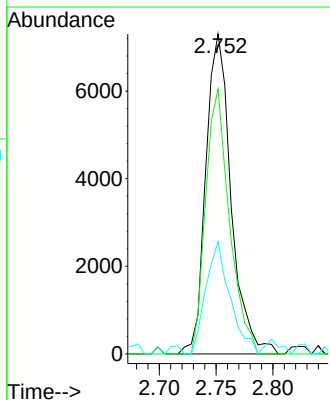
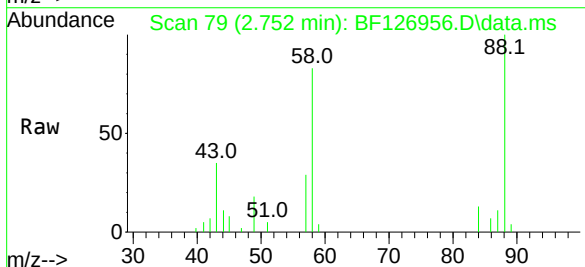
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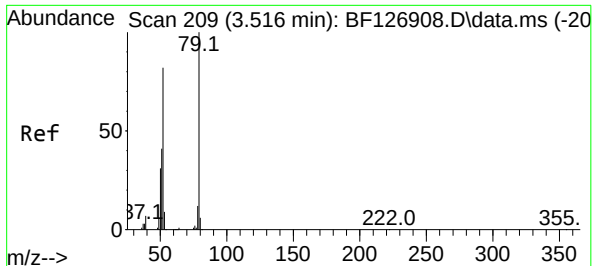
Tgt Ion:152 Resp: 103673
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.1 192.1
 115 68.9 56.7 85.1



#2
 1,4-Dioxane
 Concen: 3.683 ng
 RT: 2.752 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

Tgt Ion: 88 Resp: 11306
 Ion Ratio Lower Upper
 88 100
 58 77.8 62.8 94.2
 43 33.6 22.3 33.5#

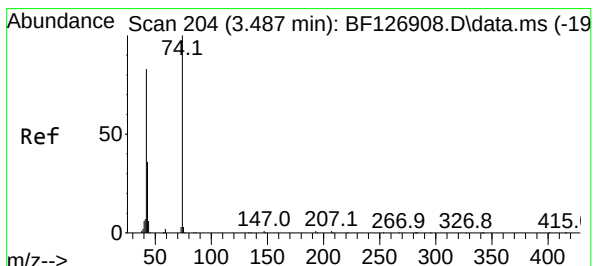
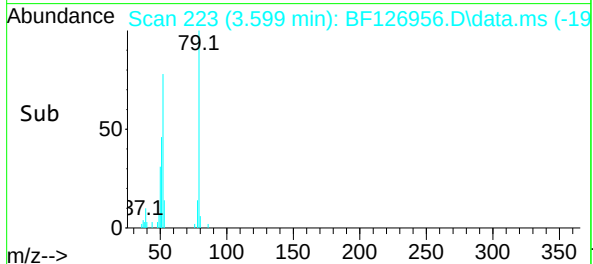
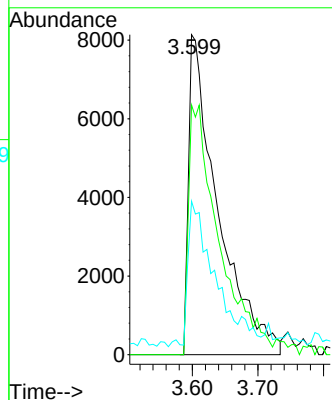
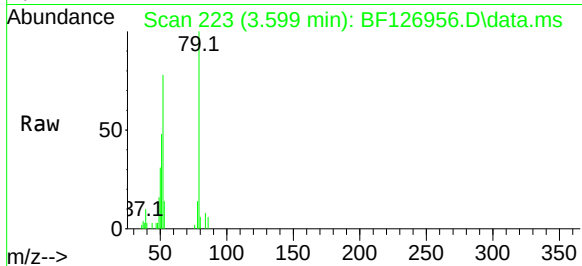




#3
 Pyridine
 Concen: 3.137 ng
 RT: 3.599 min Scan# 21
 Delta R.T. 0.083 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

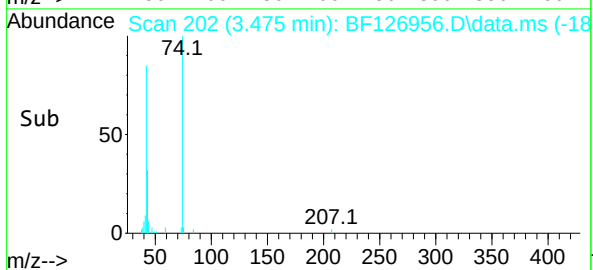
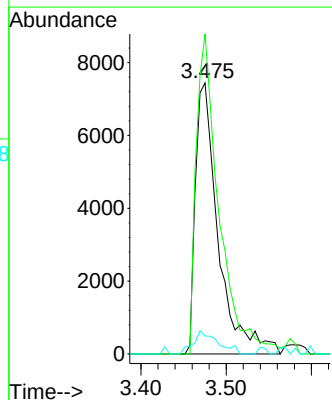
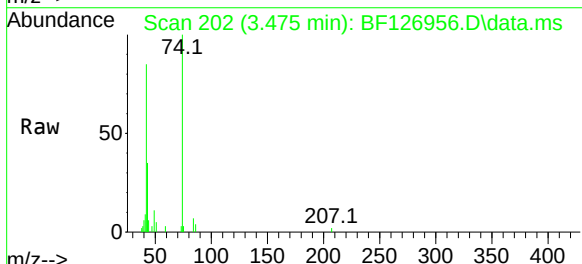
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

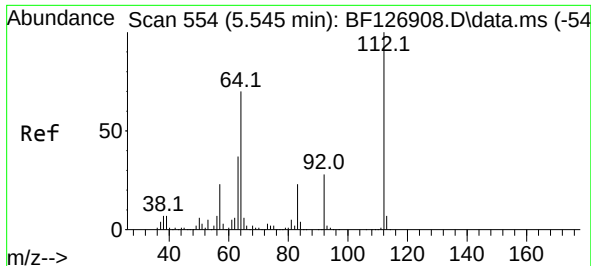
Tgt Ion: 79 Resp: 25253
 Ion Ratio Lower Upper
 79 100
 52 78.0 56.2 84.4
 51 47.9 26.7 40.1#



#4
 n-Nitrosodimethylamine
 Concen: 3.492 ng
 RT: 3.475 min Scan# 202
 Delta R.T. -0.012 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

Tgt Ion: 42 Resp: 13773
 Ion Ratio Lower Upper
 42 100
 74 118.1 125.6 188.4#
 44 6.6 5.7 8.5

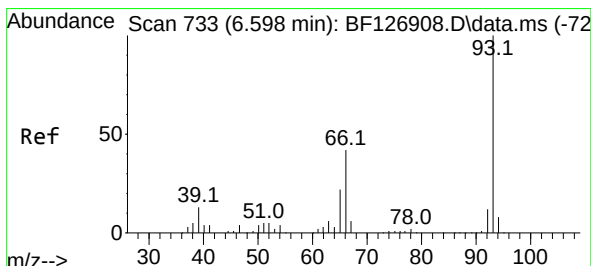
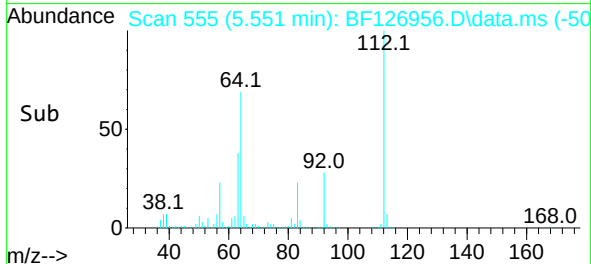
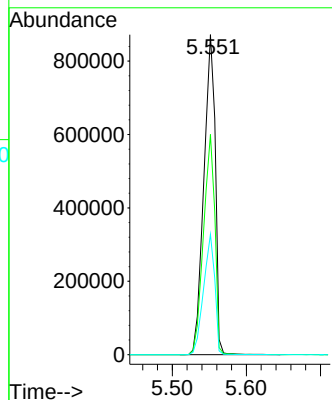
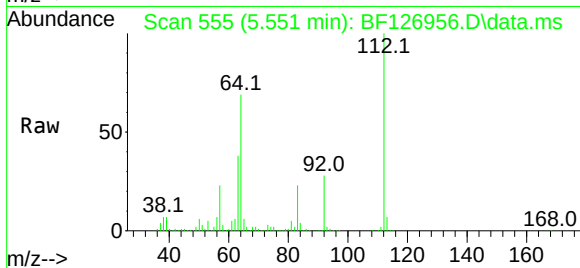




#5
2-Fluorophenol
Concen: 139.646 ng
RT: 5.551 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

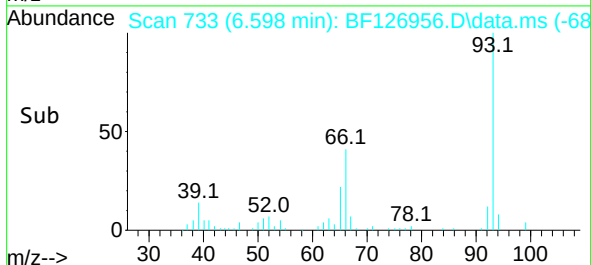
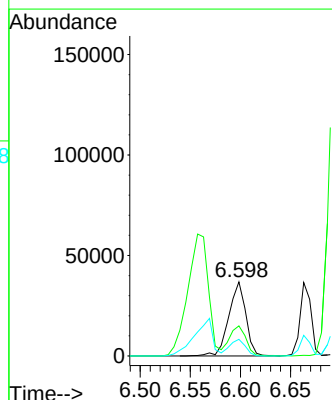
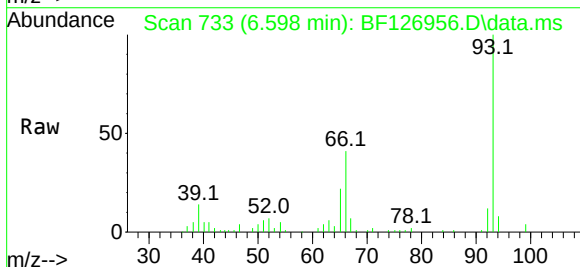
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ClientSampleId :
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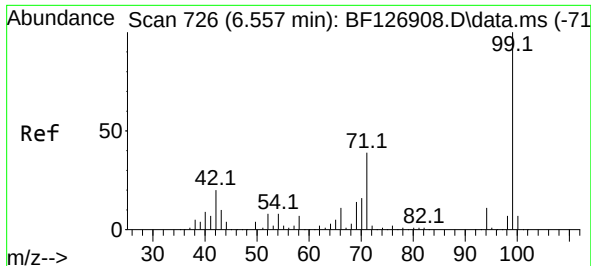
Tgt Ion:112 Resp: 936706
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 37.6 23.9 35.9#



#6
Aniline
Concen: 4.059 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion: 93 Resp: 43533
Ion Ratio Lower Upper
93 100
66 40.5 32.2 48.4
65 22.5 16.3 24.5

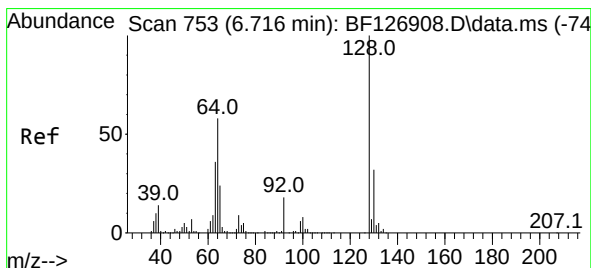
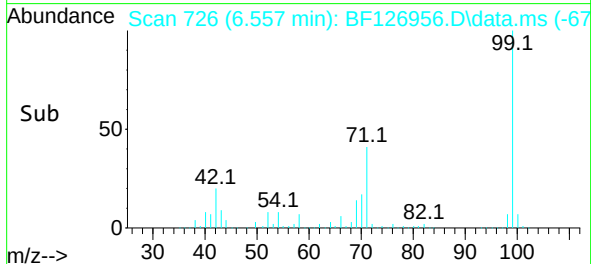
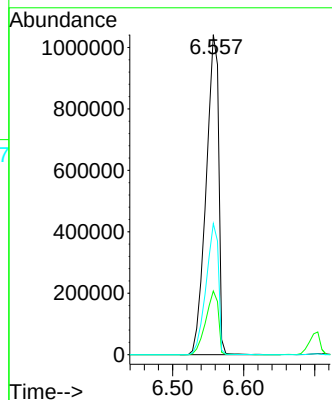
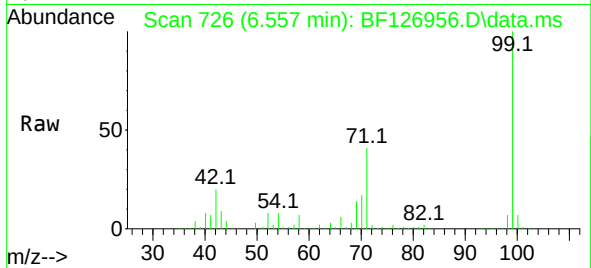




#7
Phenol-d6
Concen: 141.718 ng
RT: 6.557 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

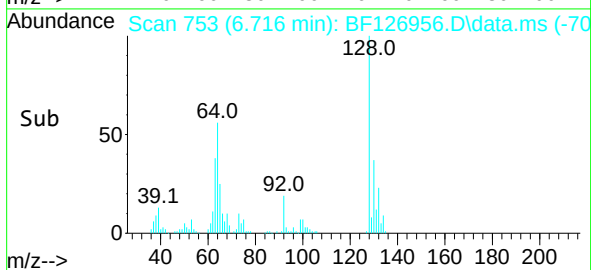
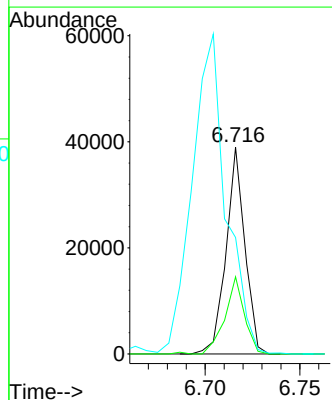
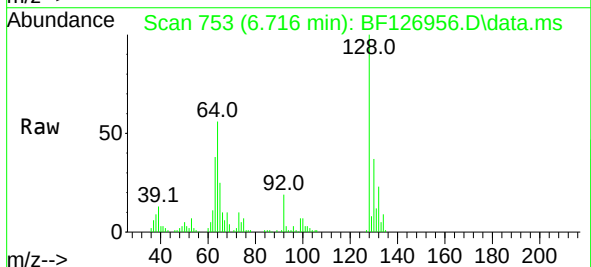
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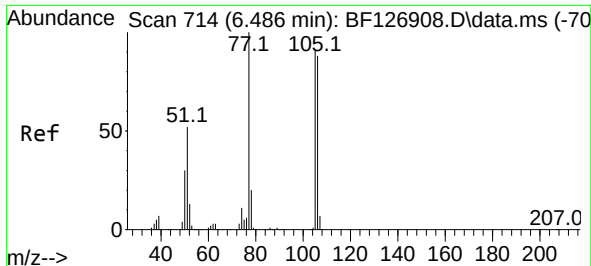
Tgt Ion: 99 Resp: 1282702
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 41.0 24.3 36.5#



#8
2-Chlorophenol
Concen: 3.737 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion: 128 Resp: 26895
Ion Ratio Lower Upper
128 100
130 37.3 12.7 52.7
64 56.3 35.6 75.6

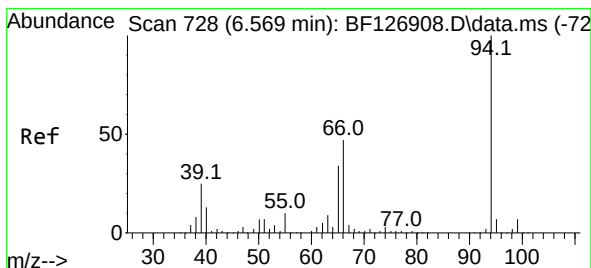
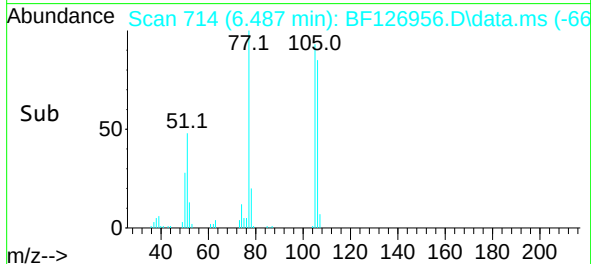
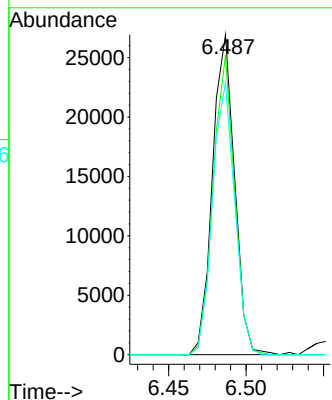
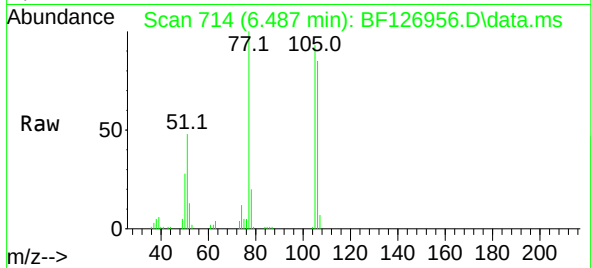




#9
Benzaldehyde
Concen: 4.845 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

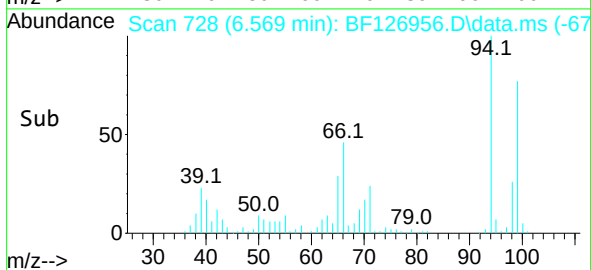
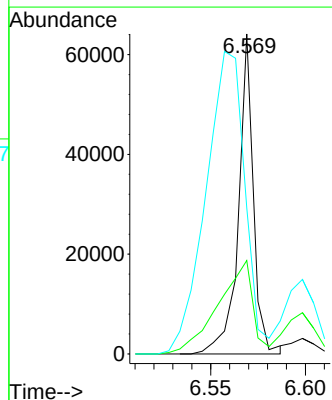
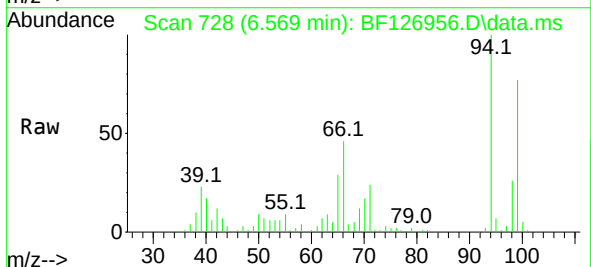
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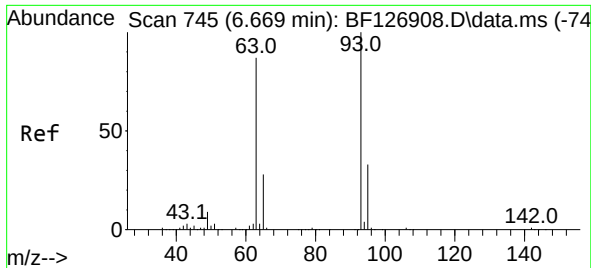
Tgt Ion: 77 Resp: 26692
Ion Ratio Lower Upper
77 100
105 93.5 74.9 114.9
106 84.9 72.4 112.4



#10
Phenol
Concen: 3.845 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion: 94 Resp: 35167
Ion Ratio Lower Upper
94 100
65 29.2 7.2 47.2
66 45.7 14.5 54.5

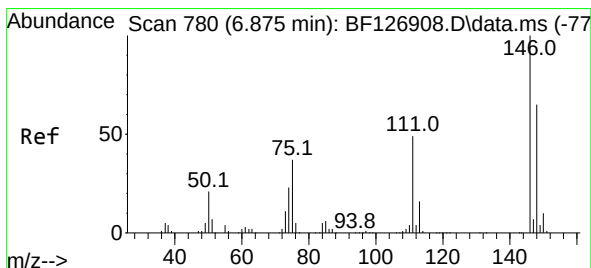
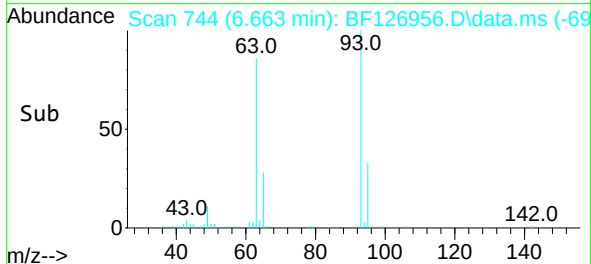
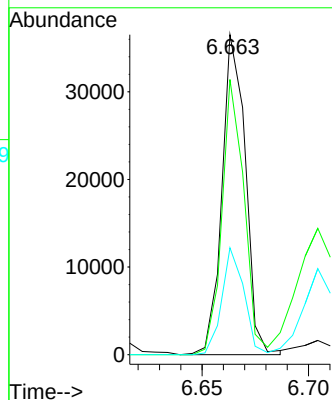
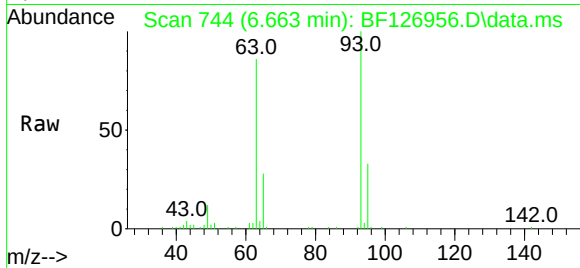




#11
bis(2-Chloroethyl)ether
Concen: 3.888 ng
RT: 6.663 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

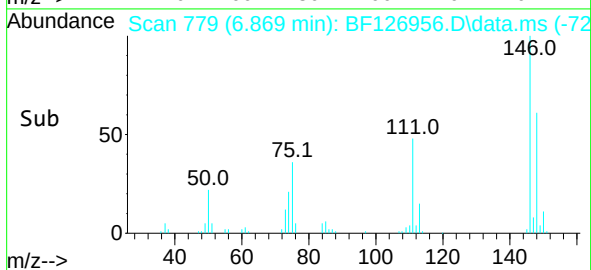
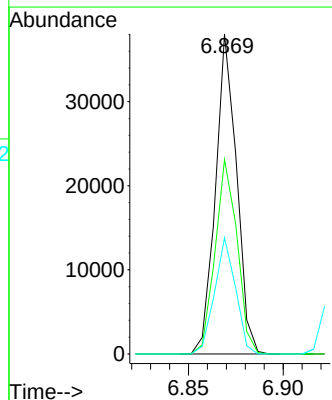
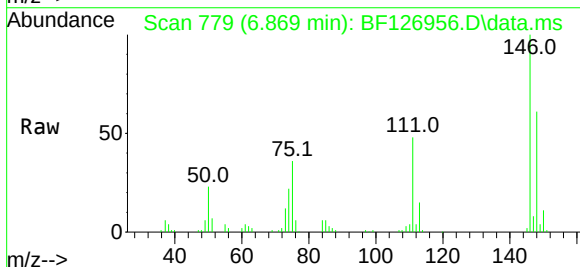
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

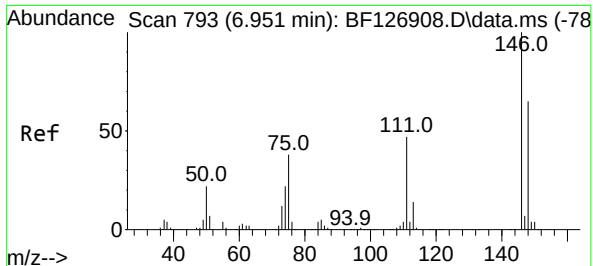
Tgt Ion: 93 Resp: 27887
Ion Ratio Lower Upper
93 100
63 86.0 60.5 100.5
95 33.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 3.797 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion: 146 Resp: 29481
Ion Ratio Lower Upper
146 100
148 60.8 50.9 76.3
75 36.4 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 3.806 ng

RT: 6.945 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

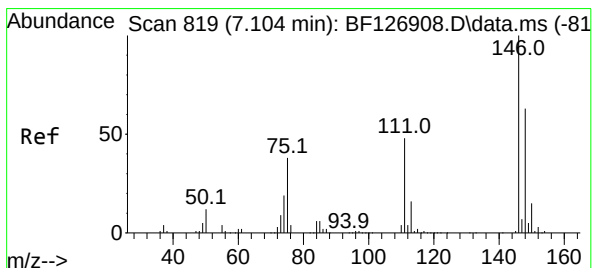
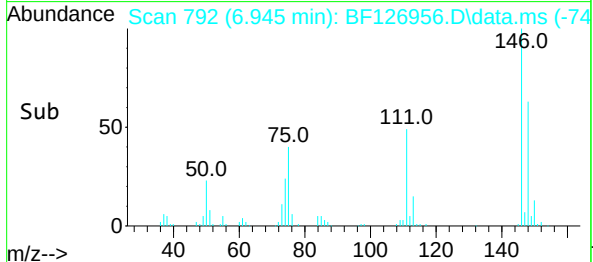
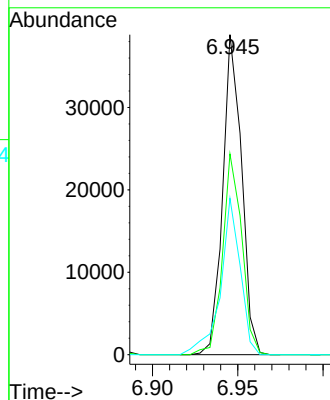
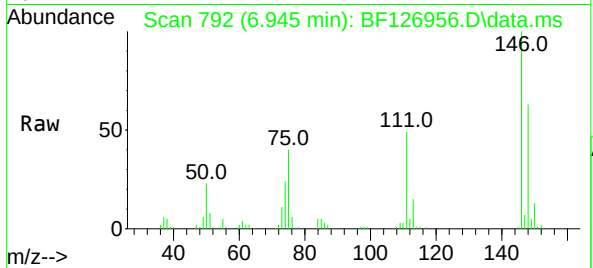
Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

Tgt Ion:146	Resp:	29960
Ion Ratio	Lower	Upper
146	100	
148	62.8	49.8 74.6
111	48.9	36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 3.720 ng

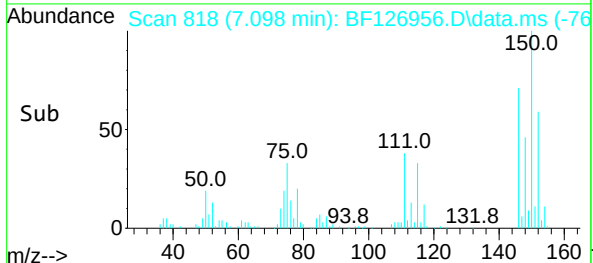
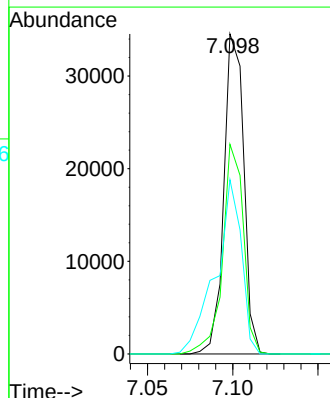
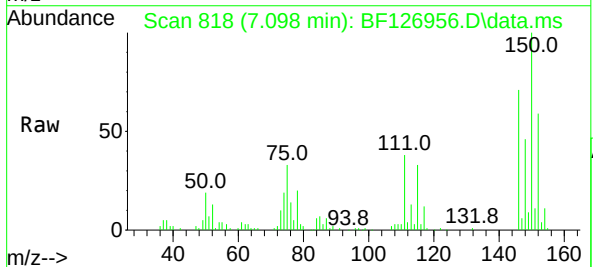
RT: 7.098 min Scan# 818

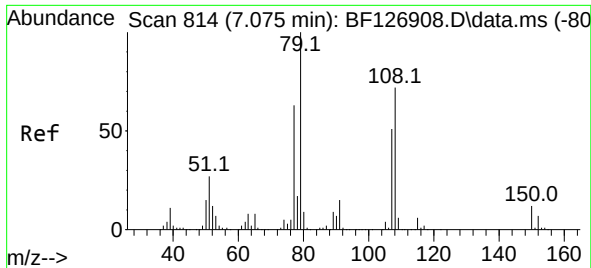
Delta R.T. -0.006 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

Tgt Ion:146	Resp:	27925
Ion Ratio	Lower	Upper
146	100	
148	65.5	51.6 77.4
111	54.4	40.2 60.2





#15

Benzyl Alcohol

Concen: 2.757 ng

RT: 7.063 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

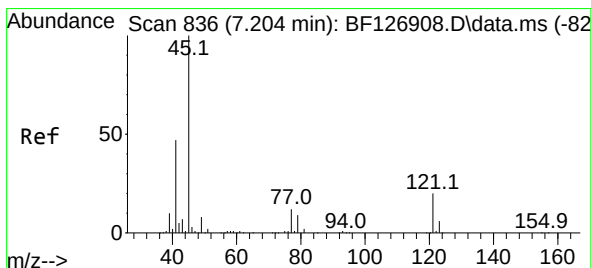
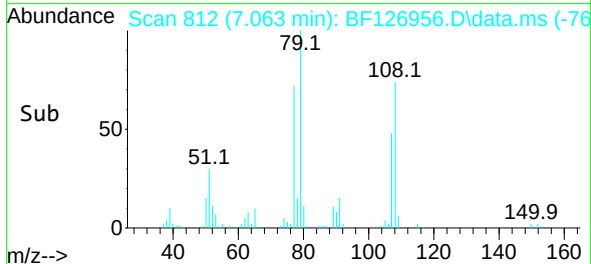
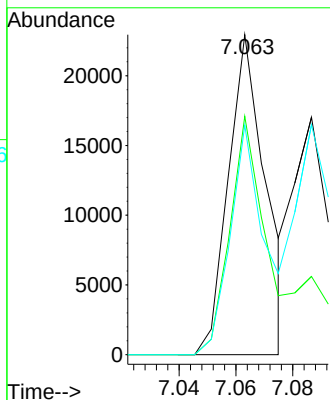
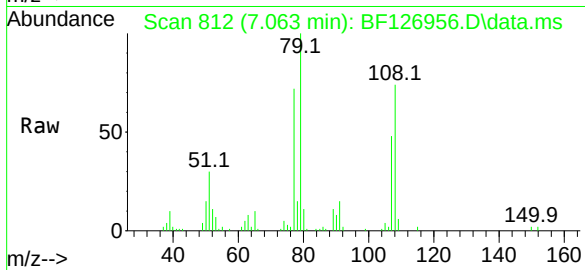
Tgt Ion: 79 Resp: 21022

Ion Ratio Lower Upper

79 100

108 74.5 63.2 94.8

77 71.7 49.4 74.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.534 ng

RT: 7.198 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

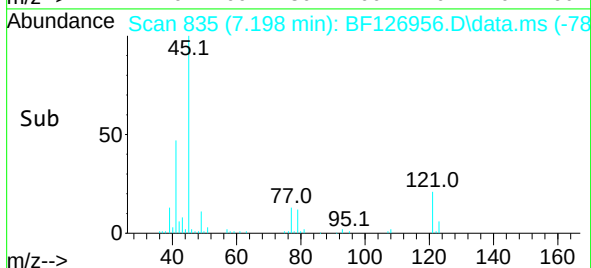
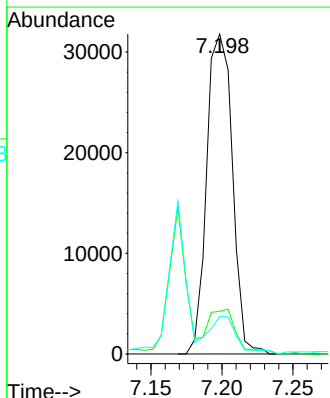
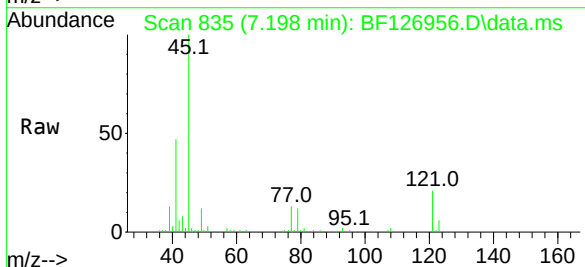
Tgt Ion: 45 Resp: 39917

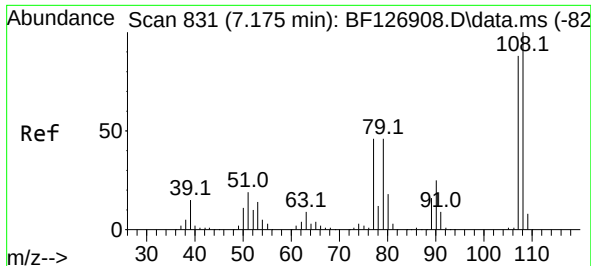
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.4

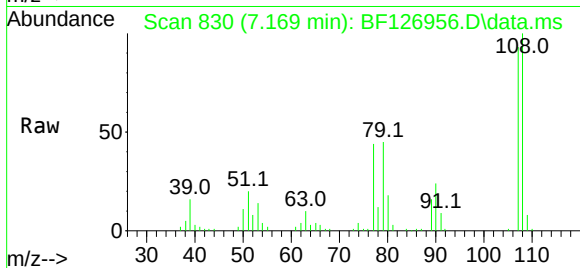
79 11.7 0.0 29.8



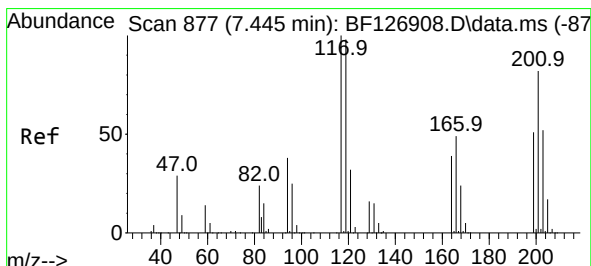
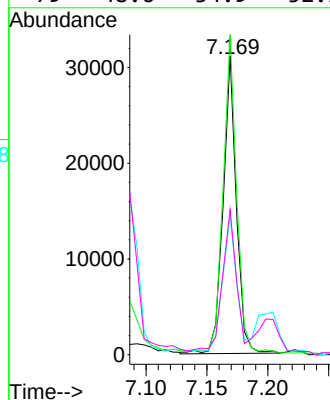
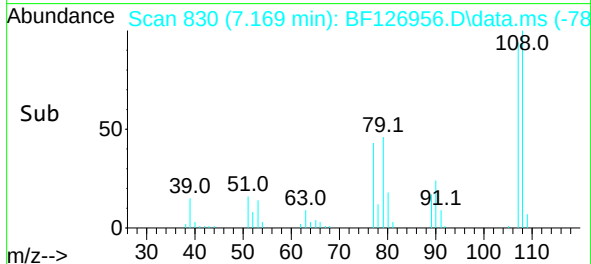


#17
2-Methylphenol
Concen: 3.809 ng
RT: 7.169 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

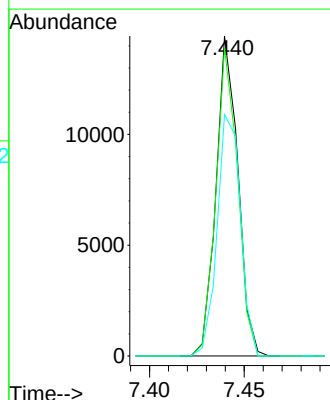
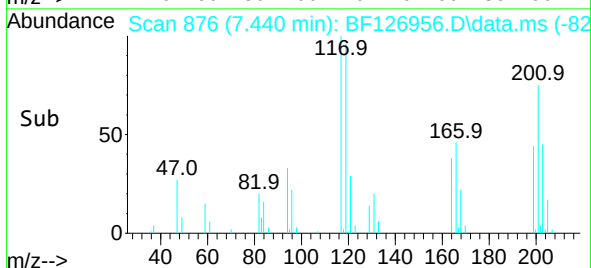
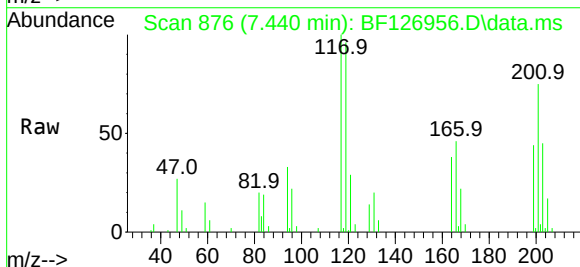


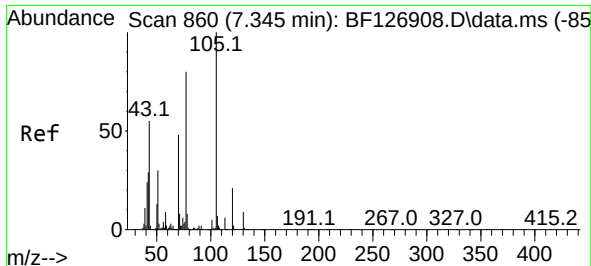
Tgt Ion:	107	Resp:	23718
Ion	Ratio	Lower	Upper
107	100		
108	107.1	93.4	140.0
77	46.6	36.1	54.1
79	48.6	34.9	52.3



#18
Hexachloroethane
Concen: 3.857 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:	117	Resp:	11635
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.0
201	75.5	56.8	85.2

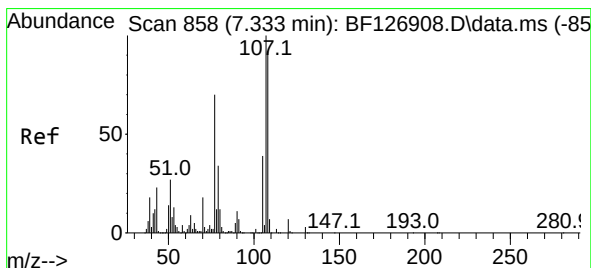
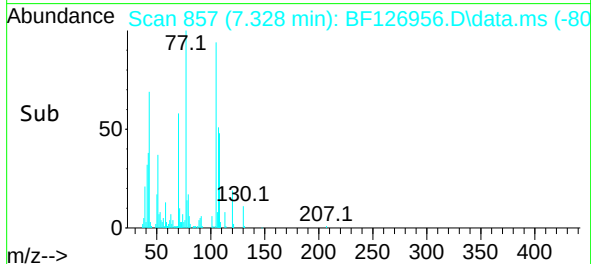
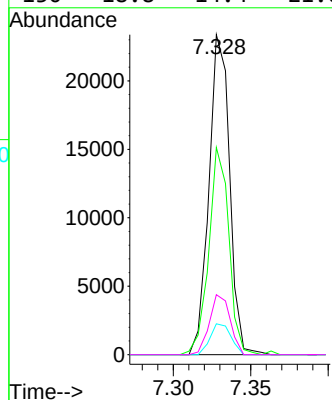
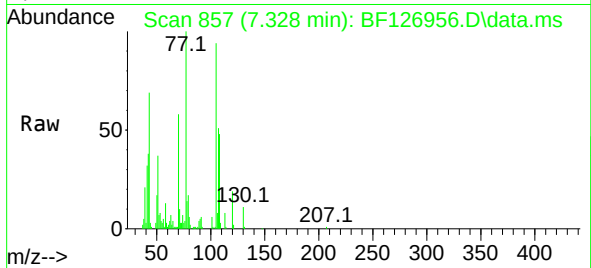




#19
n-Nitroso-di-n-propylamine
Concen: 3.713 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.017 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

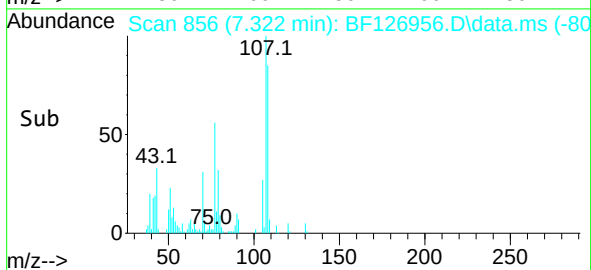
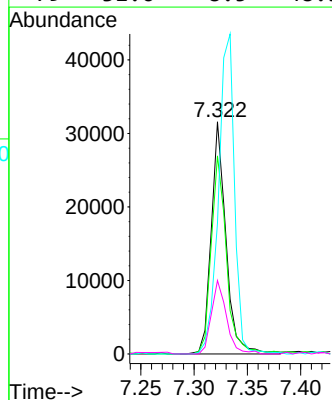
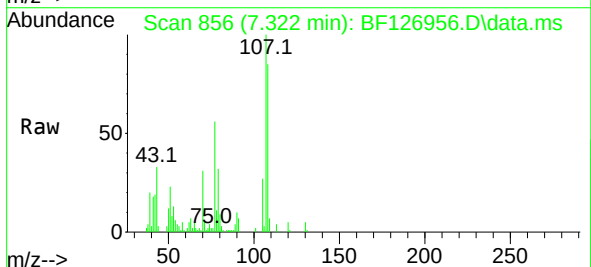
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

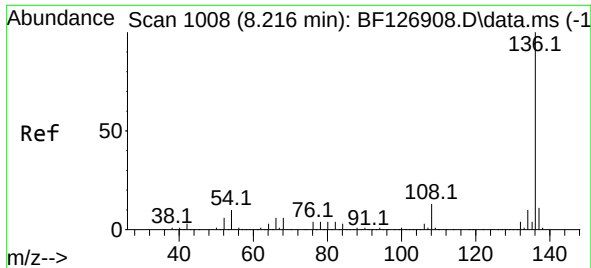
Tgt Ion:	70	Resp:	21654
Ion	Ratio	Lower	Upper
70	100		
42	64.7	45.8	68.8
101	9.6	6.9	10.3
130	18.8	14.4	21.6



#20
3+4-Methylphenols
Concen: 3.767 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

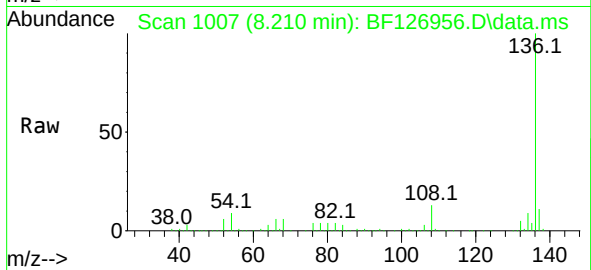
Tgt Ion:	107	Resp:	30458
Ion	Ratio	Lower	Upper
107	100		
108	85.3	72.4	112.4
77	56.4	83.8	123.8#
79	31.6	8.5	48.5



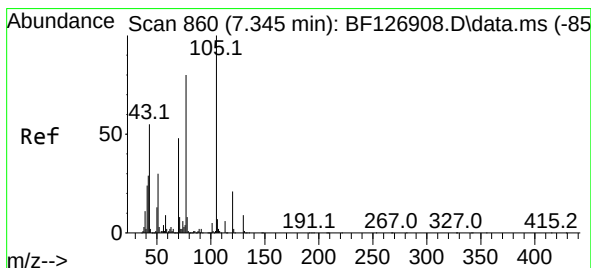
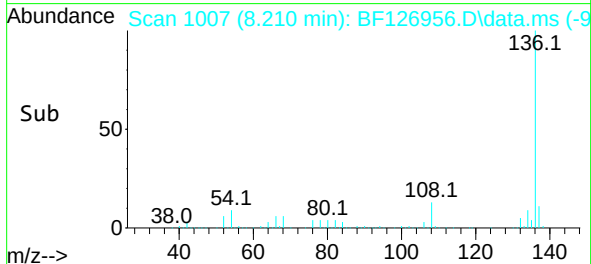
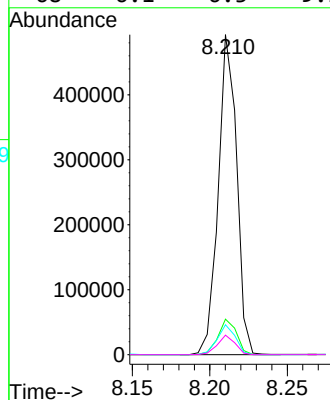


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

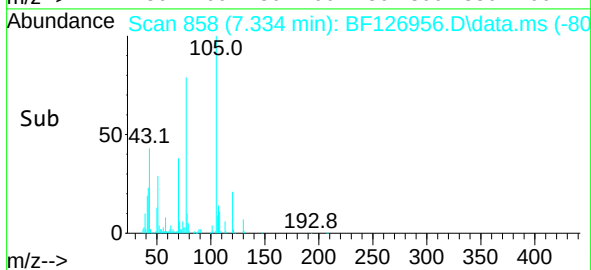
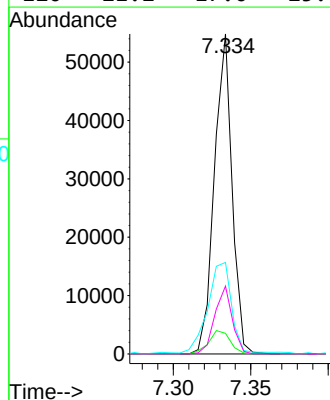
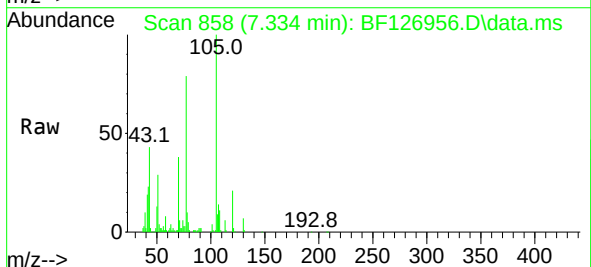


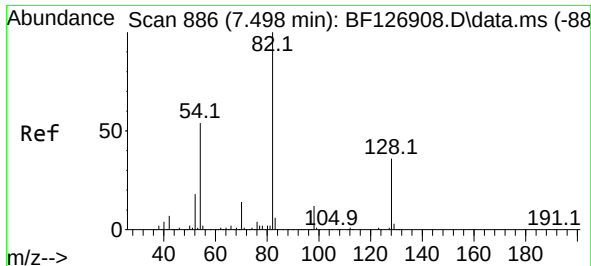
Tgt Ion:136 Resp: 407027
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 7.8 11.6
68 6.1 6.3 9.5#



#22
Acetophenone
Concen: 4.048 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:105 Resp: 43385
Ion Ratio Lower Upper
105 100
71 6.5 5.4 8.0
51 28.6 27.4 41.0
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.120 ng

RT: 7.498 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

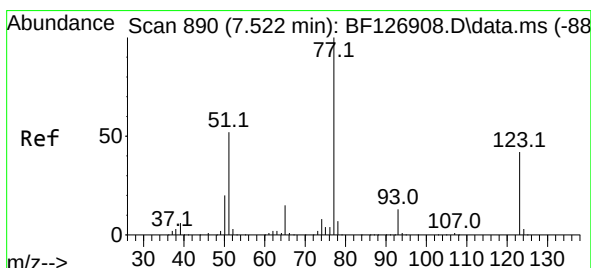
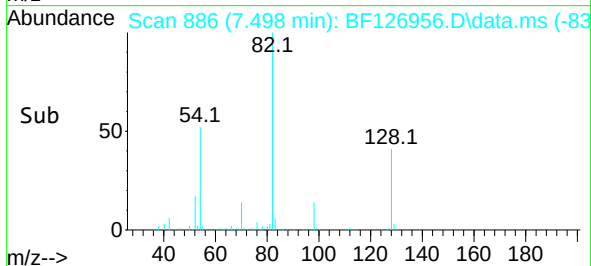
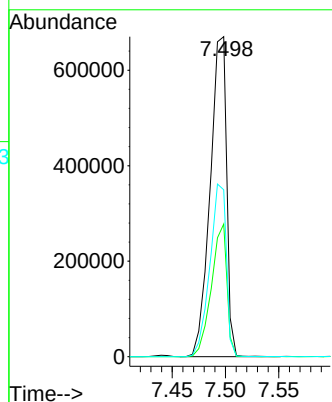
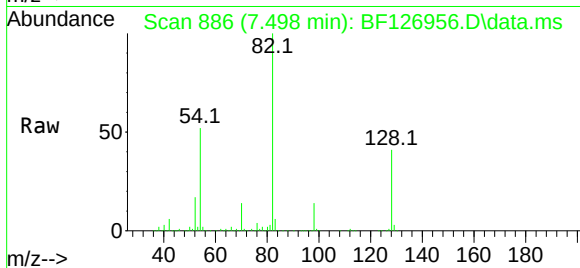
Tgt Ion: 82 Resp: 722482

Ion Ratio Lower Upper

82 100

128 41.4 32.7 49.1

54 52.1 41.7 62.5



#24

Nitrobenzene

Concen: 4.191 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

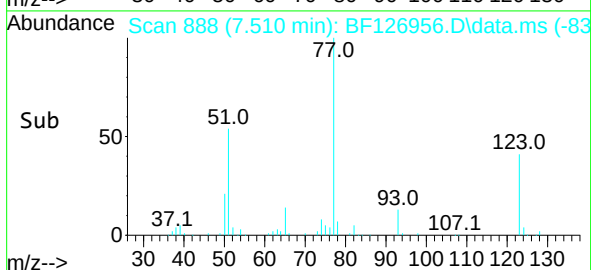
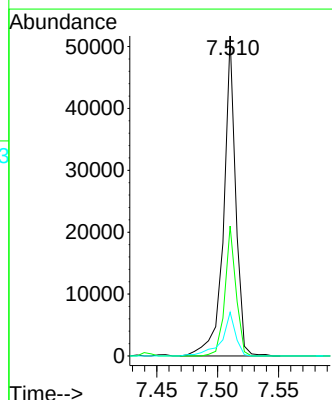
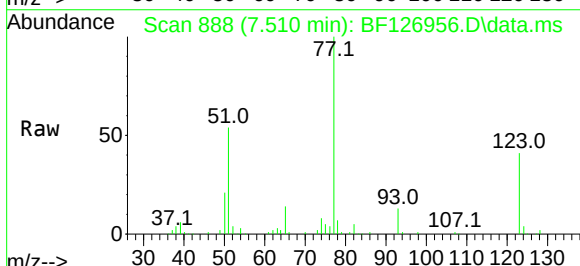
Tgt Ion: 77 Resp: 35703

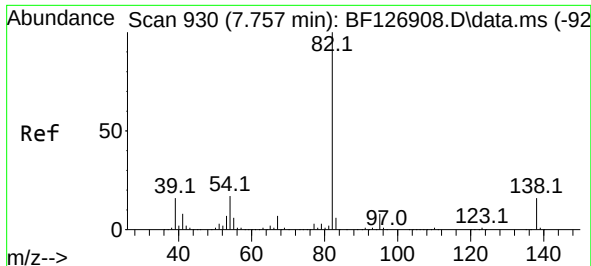
Ion Ratio Lower Upper

77 100

123 40.6 34.6 52.0

65 13.7 10.6 15.8

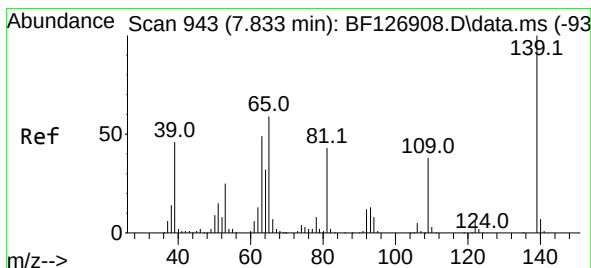
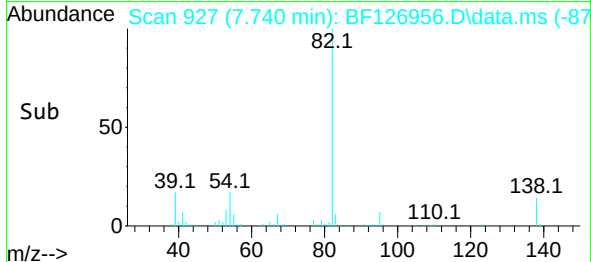
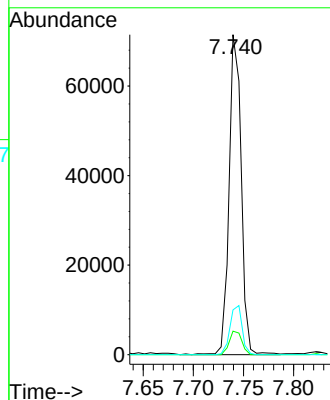
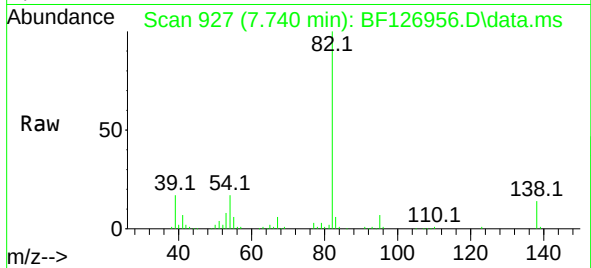




#25
Isophorone
Concen: 4.029 ng
RT: 7.740 min Scan# 911
Delta R.T. -0.017 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

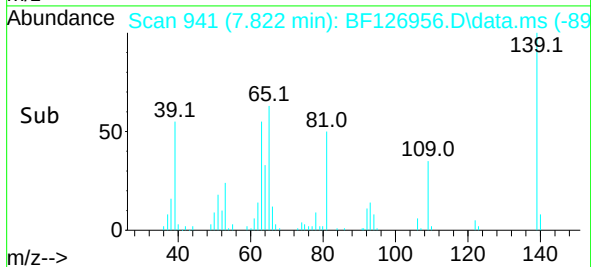
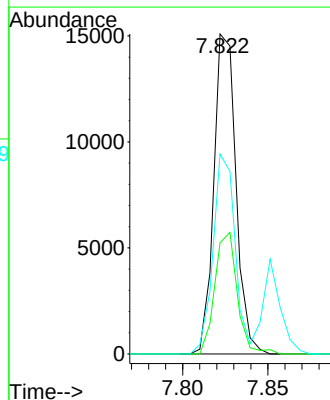
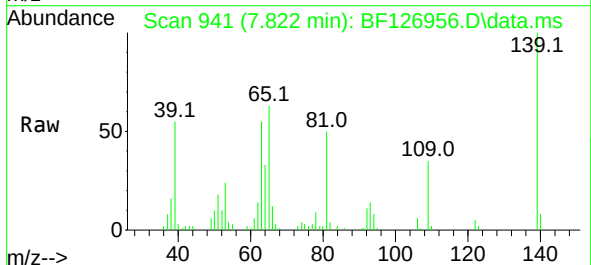
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

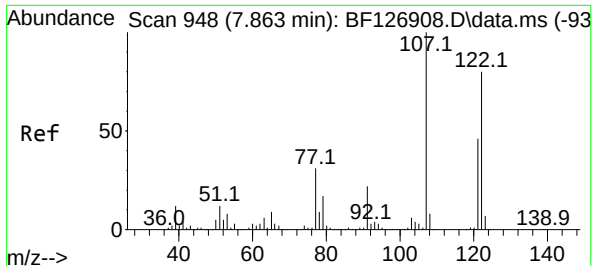
Tgt Ion: 82 Resp: 60117
Ion Ratio Lower Upper
82 100
95 7.4 5.0 7.4
138 14.0 12.3 18.5



#26
2-Nitrophenol
Concen: 3.764 ng
RT: 7.822 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion: 139 Resp: 13652
Ion Ratio Lower Upper
139 100
109 34.7 20.0 30.0#
65 62.5 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 4.237 ng

RT: 7.851 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

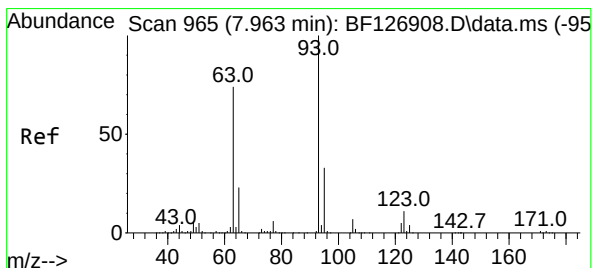
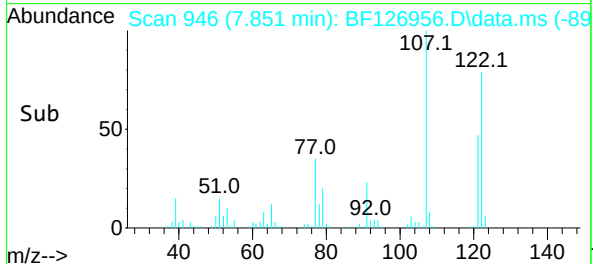
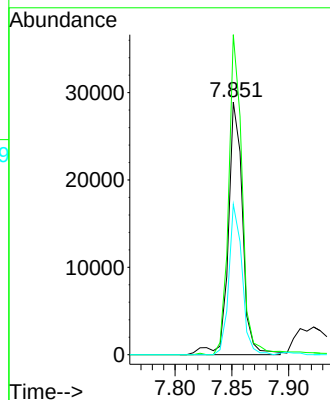
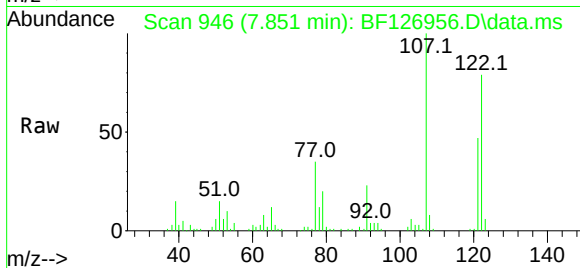
Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

Tgt Ion:	122	Resp:	25245
Ion	Ratio	Lower	Upper
122	100		
107	126.6	91.2	136.8
121	59.5	44.4	66.6



#28

bis(2-Chloroethoxy)methane

Concen: 3.782 ng

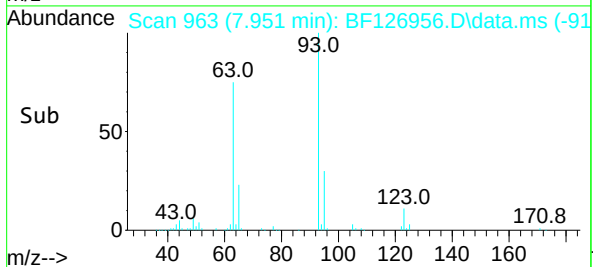
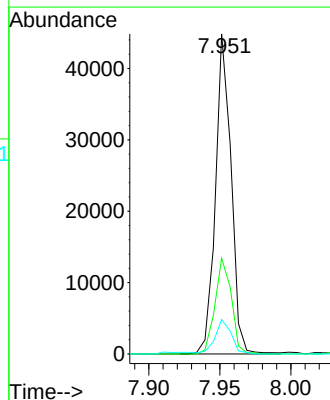
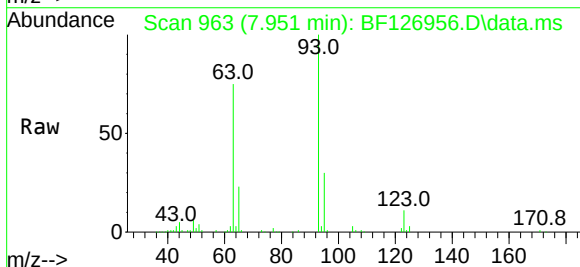
RT: 7.951 min Scan# 963

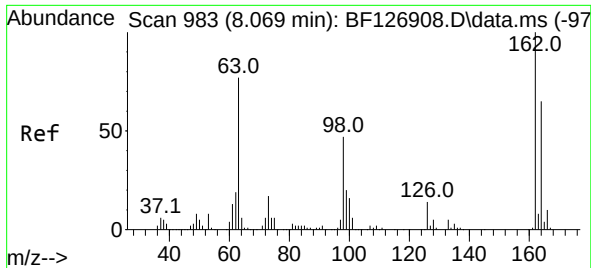
Delta R.T. -0.012 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

Tgt Ion:	93	Resp:	34209
Ion	Ratio	Lower	Upper
93	100		
95	29.9	25.4	38.2
123	10.8	8.9	13.3

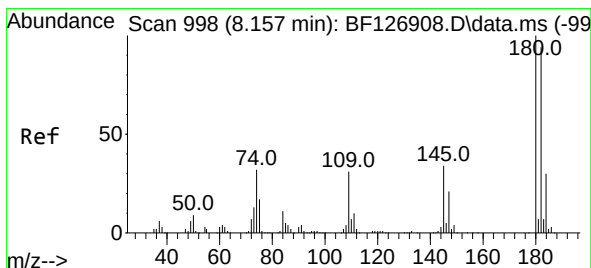
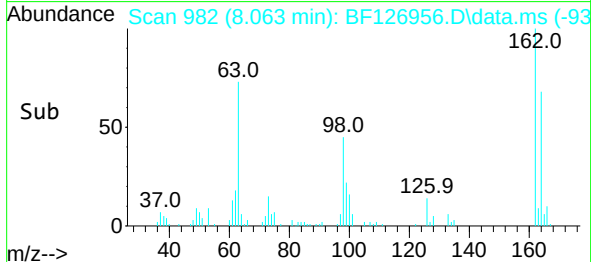
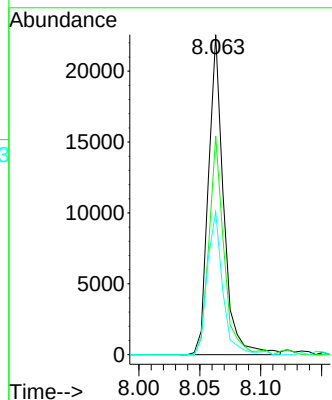
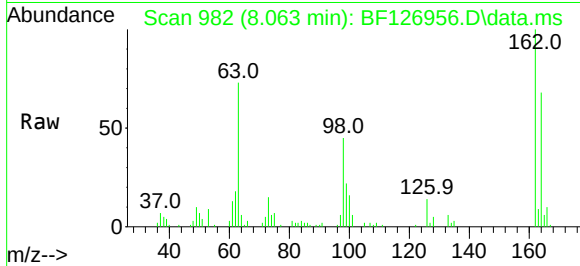




#29
2,4-Dichlorophenol
Concen: 3.495 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

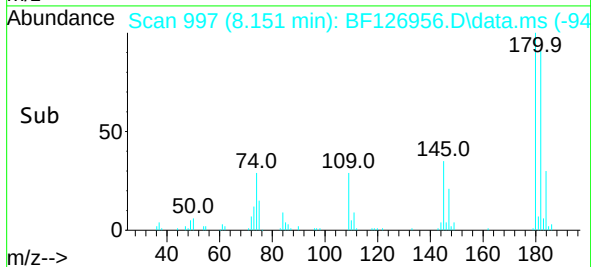
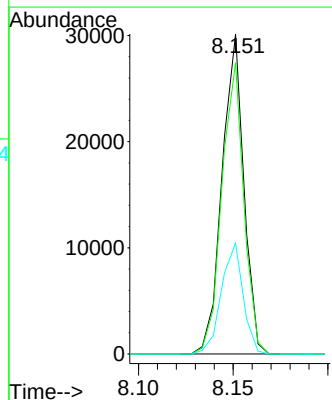
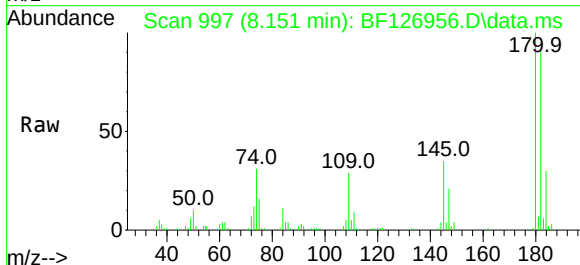
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

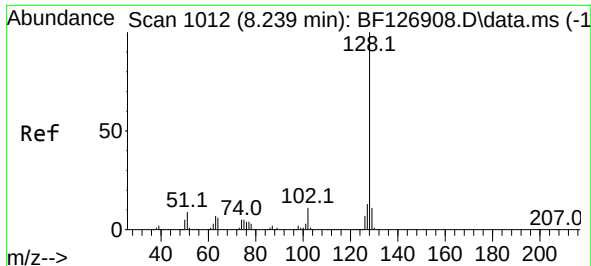
Tgt Ion:	162	Resp:	19579
Ion	Ratio	Lower	Upper
162	100		
164	68.4	43.8	83.8
98	44.6	23.6	63.6



#30
1,2,4-Trichlorobenzene
Concen: 3.843 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:	180	Resp:	24071
Ion	Ratio	Lower	Upper
180	100		
182	91.0	75.5	113.3
145	34.7	26.2	39.2

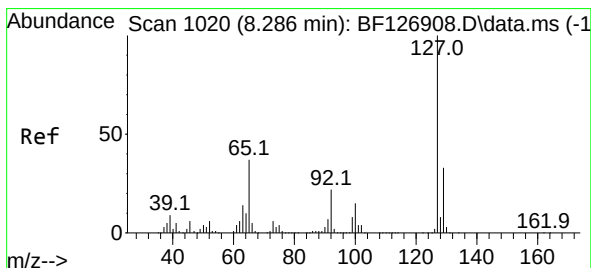
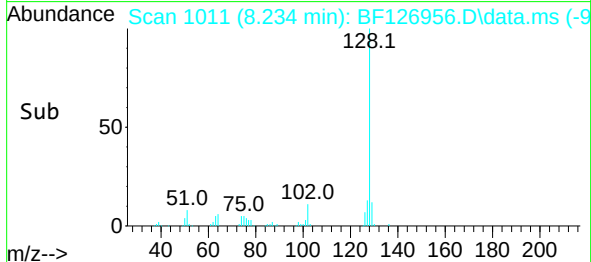
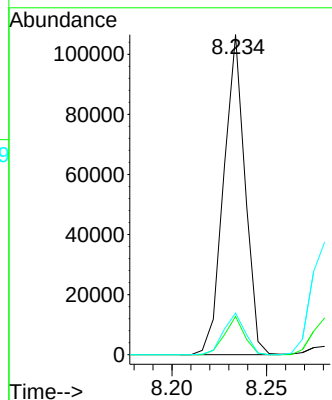
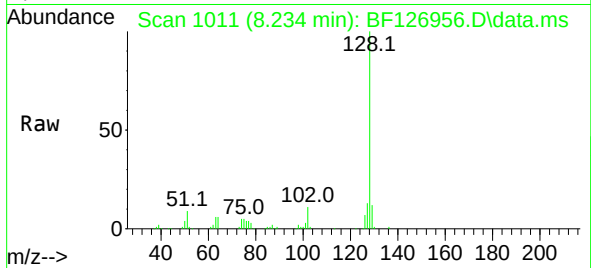




#31
Naphthalene
Concen: 3.937 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

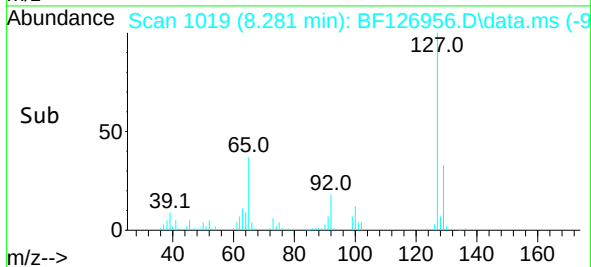
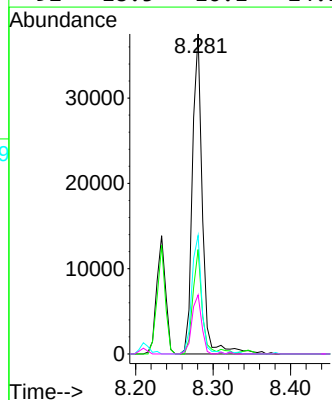
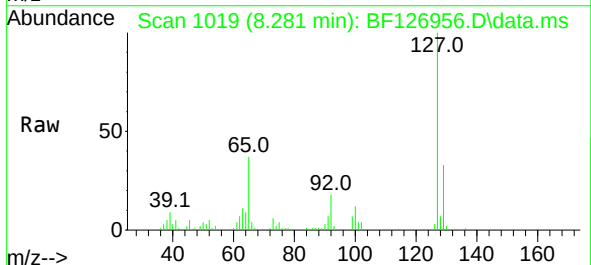
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

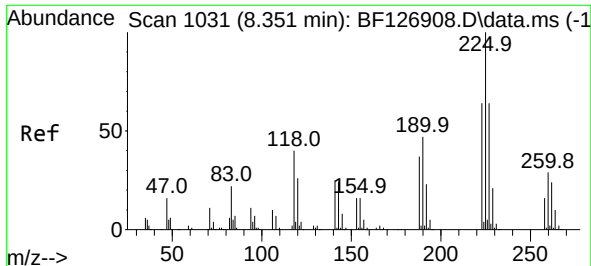
Tgt Ion:128 Resp: 83645
Ion Ratio Lower Upper
128 100
129 11.9 8.6 13.0
127 13.0 10.3 15.5



#33
4-Chloroaniline
Concen: 4.051 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

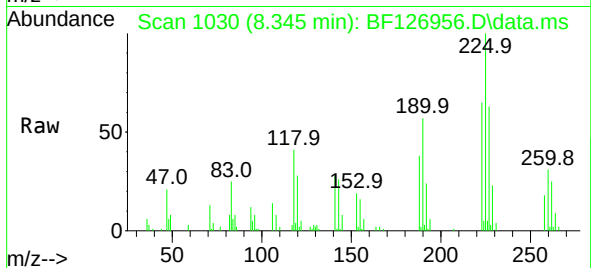
Tgt Ion:127 Resp: 33880
Ion Ratio Lower Upper
127 100
129 32.7 26.5 39.7
65 37.1 26.6 39.8
92 18.5 16.1 24.1



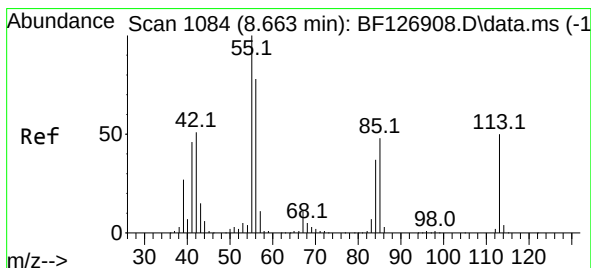
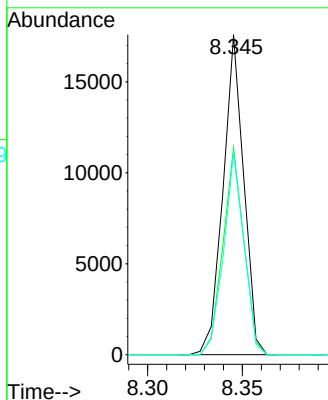
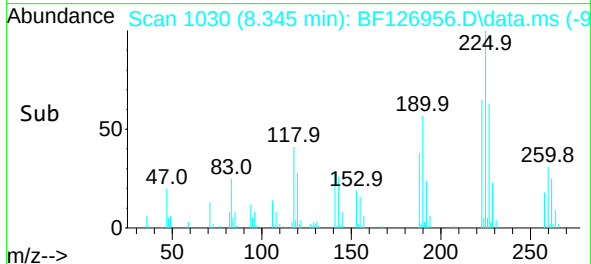


#34
Hexachlorobutadiene
Concen: 3.651 ng
RT: 8.345 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

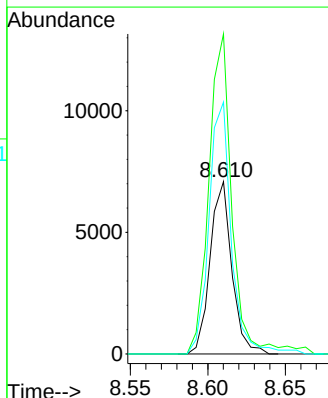
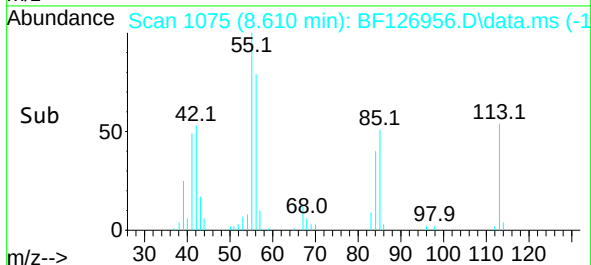
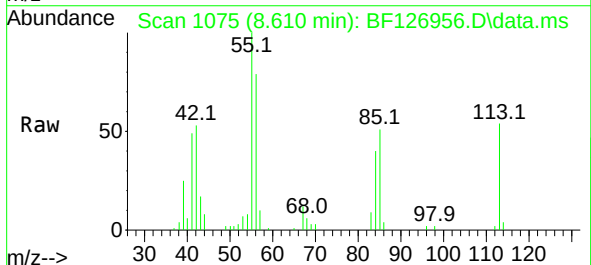


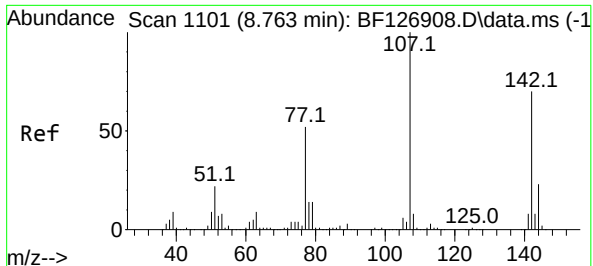
Tgt Ion:225 Resp: 13350
Ion Ratio Lower Upper
225 100
223 64.7 48.6 73.0
227 63.3 51.4 77.0



#35
Caprolactam
Concen: 3.527 ng
RT: 8.610 min Scan# 1075
Delta R.T. -0.053 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:113 Resp: 6899
Ion Ratio Lower Upper
113 100
55 185.7 183.9 223.9
56 146.1 129.9 169.9





#36

4-Chloro-3-methylphenol

Concen: 3.697 ng

RT: 8.751 min Scan# 1101

Delta R.T. -0.012 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

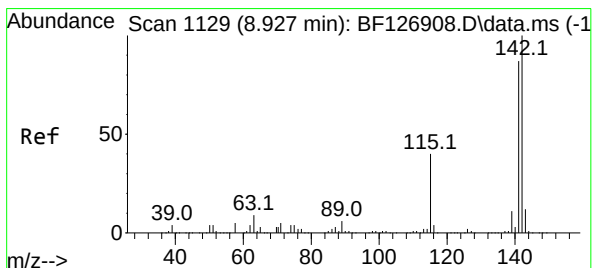
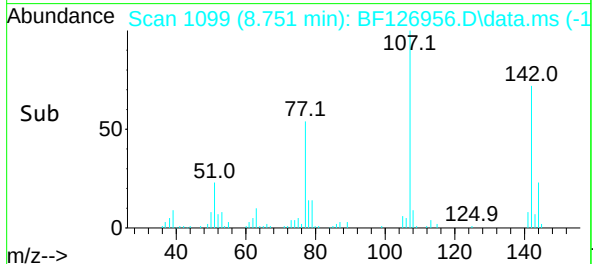
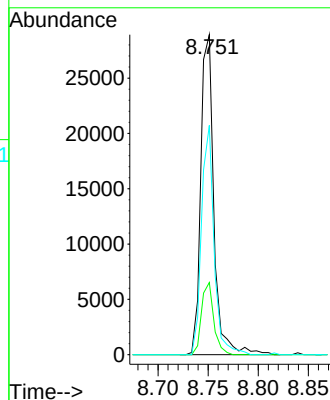
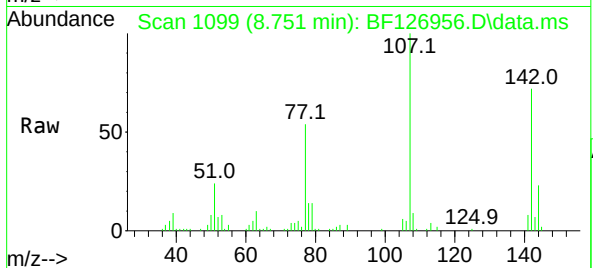
Tgt Ion:107 Resp: 26469

Ion Ratio Lower Upper

107 100

144 22.6 18.5 27.7

142 71.7 58.1 87.1



#37

2-Methylnaphthalene

Concen: 3.961 ng

RT: 8.922 min Scan# 1128

Delta R.T. -0.006 min

Lab File: BF126956.D

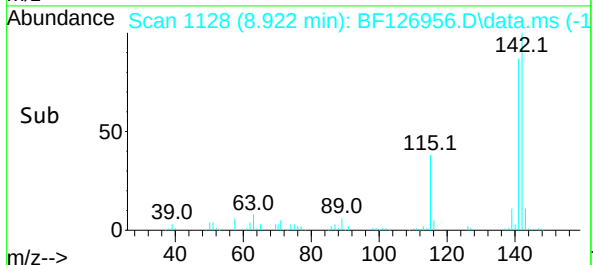
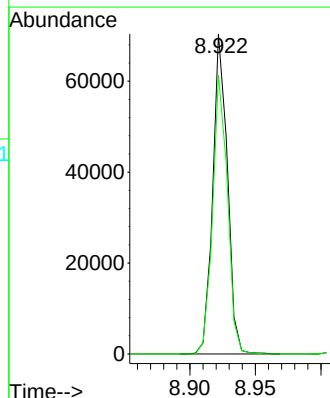
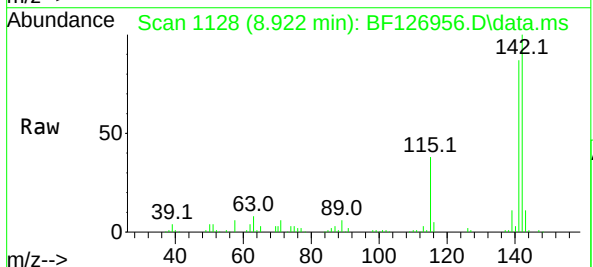
Acq: 18 Feb 2022 17:08

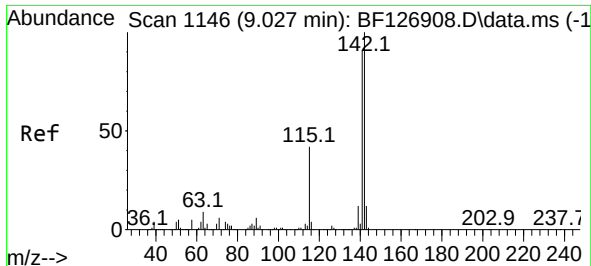
Tgt Ion:142 Resp: 54616

Ion Ratio Lower Upper

142 100

141 87.2 68.6 102.8

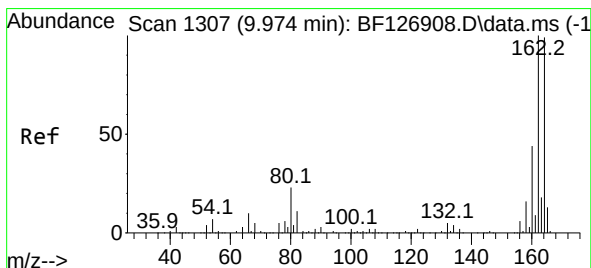
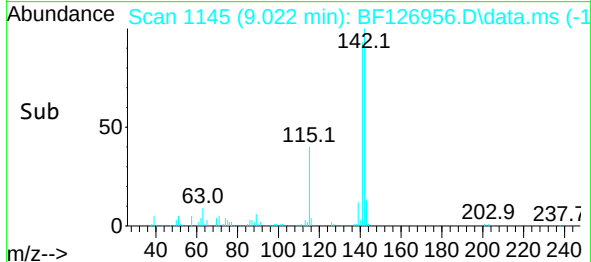
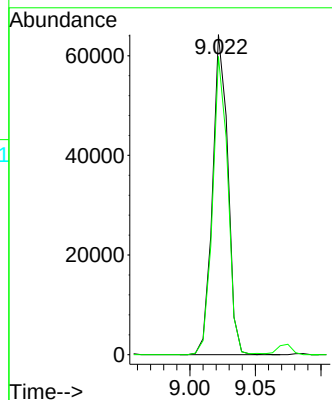
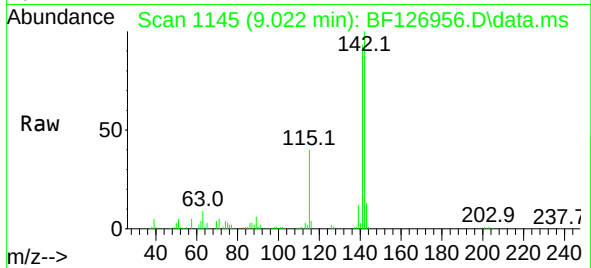




#38
1-Methylnaphthalene
Concen: 3.953 ng
RT: 9.022 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

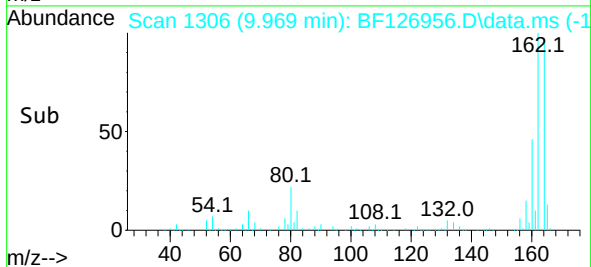
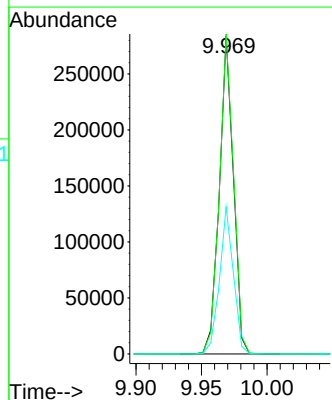
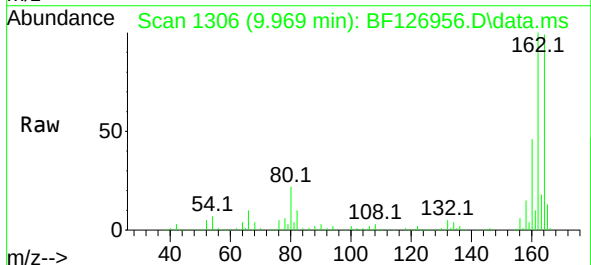
Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT4-2021

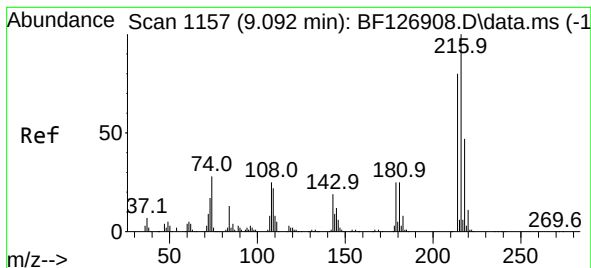
Tgt Ion:142 Resp: 52194
Ion Ratio Lower Upper
142 100
141 93.2 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:164 Resp: 211436
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 46.2 36.6 54.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.019 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

Tgt Ion:216 Resp: 22367

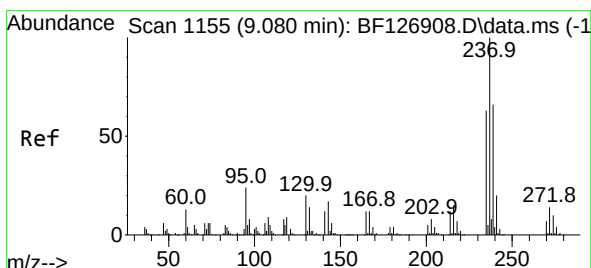
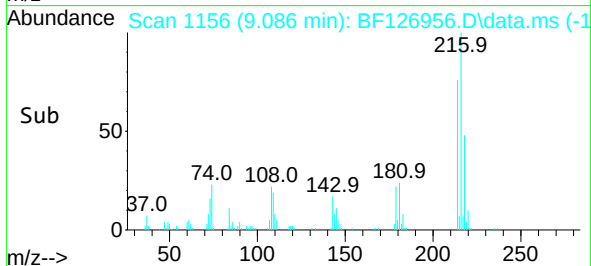
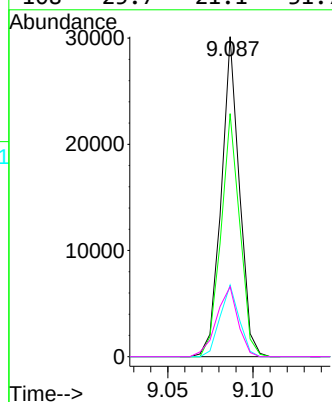
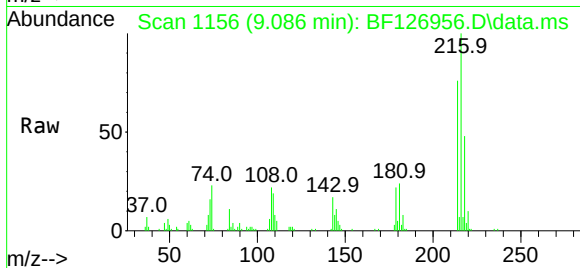
Ion Ratio Lower Upper

216 100

214 78.3 64.6 96.8

179 23.5 19.5 29.3

108 25.7 21.1 31.7



#41

Hexachlorocyclopentadiene

Concen: 2.955 ng

RT: 9.075 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

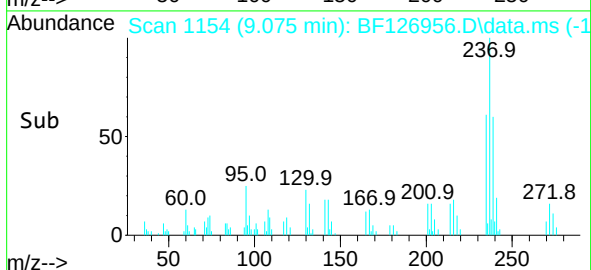
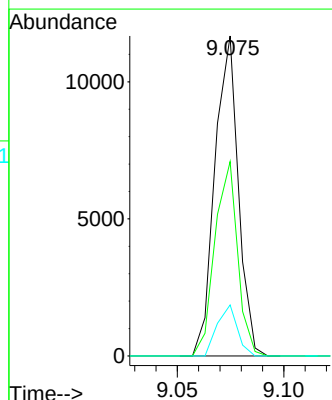
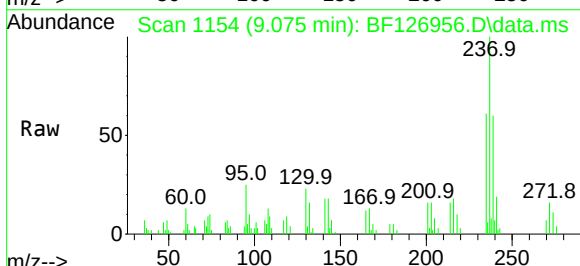
Tgt Ion:237 Resp: 8921

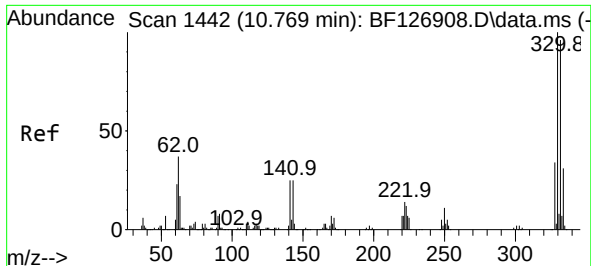
Ion Ratio Lower Upper

237 100

235 60.7 38.9 78.9

272 15.9 0.0 33.5





#42

2,4,6-Tribromophenol

Concen: 156.043 ng

RT: 10.763 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126956.D

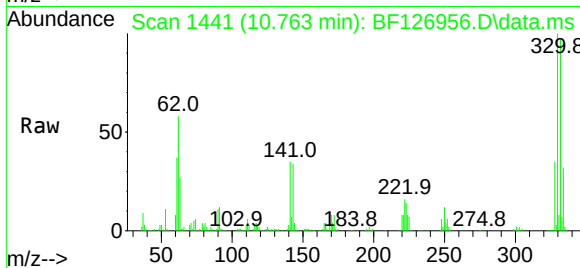
Acq: 18 Feb 2022 17:08

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021



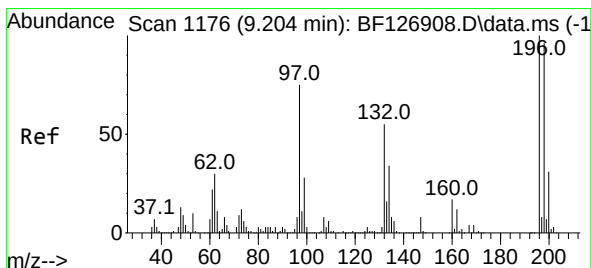
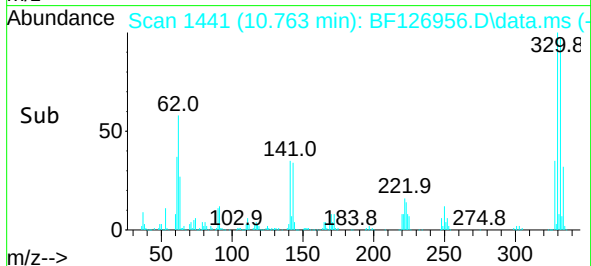
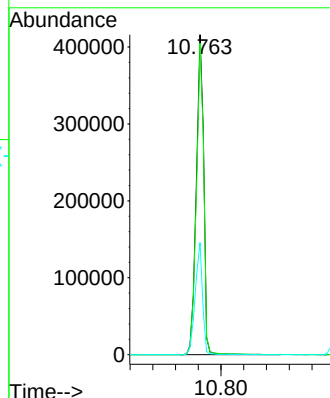
Tgt Ion:330 Resp: 379872

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

141 34.6 30.1 45.1



#43

2,4,6-Trichlorophenol

Concen: 3.557 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

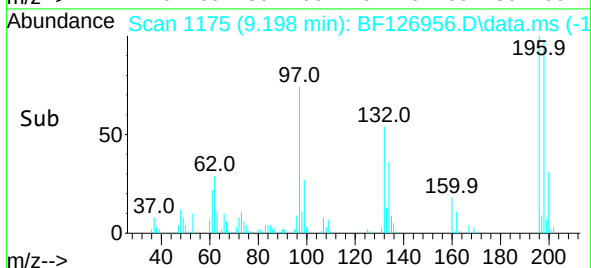
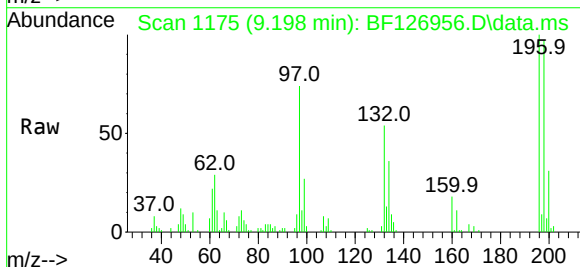
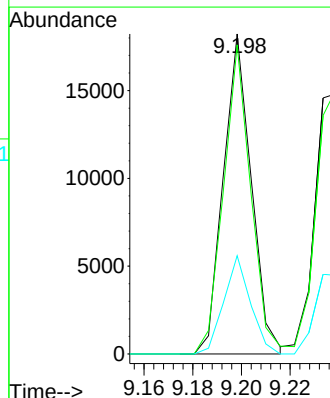
Tgt Ion:196 Resp: 14520

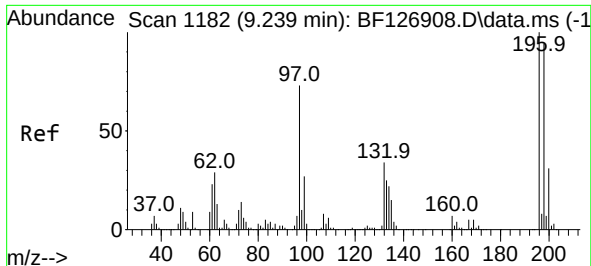
Ion Ratio Lower Upper

196 100

198 96.6 78.5 117.7

200 30.7 24.9 37.3

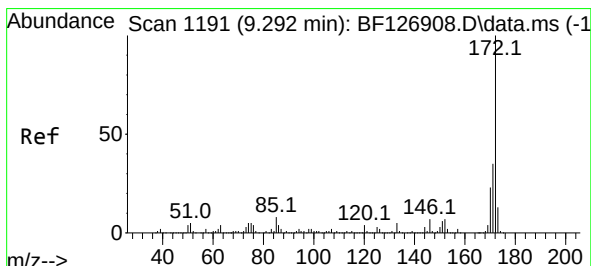
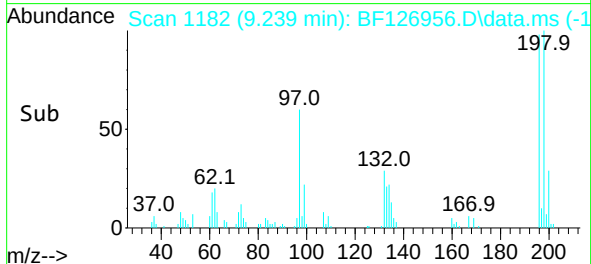
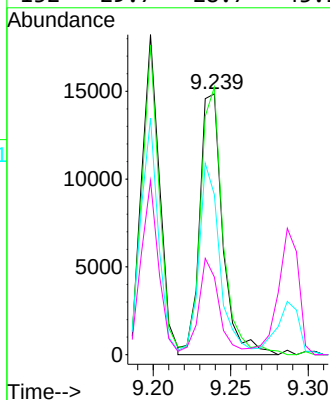
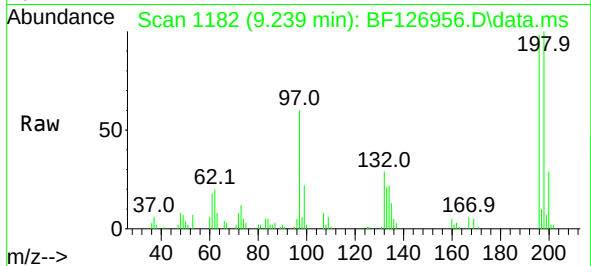




#44
 2,4,5-Trichlorophenol
 Concen: 3.566 ng
 RT: 9.239 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

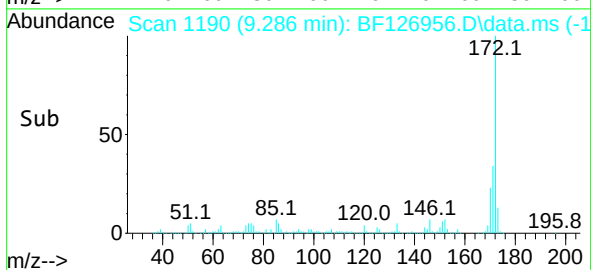
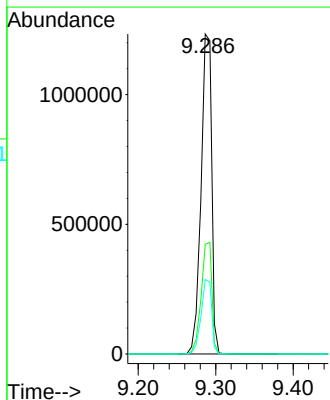
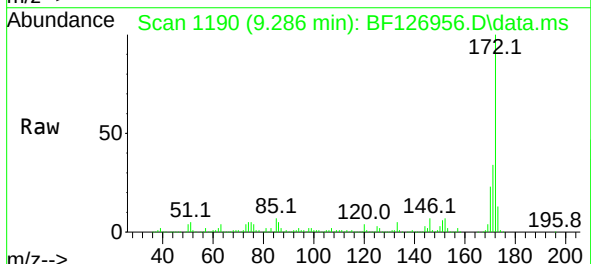
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

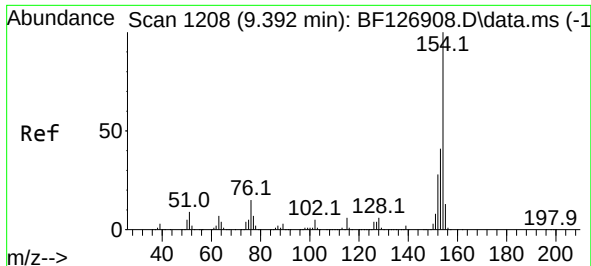
Tgt Ion:196	Resp:	15317
Ion Ratio	Lower	Upper
196	100	
198	102.6	82.0 123.0
97	61.3	53.5 80.3
132	29.7	28.7 43.1



#45
 2-Fluorobiphenyl
 Concen: 82.128 ng
 RT: 9.286 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

Tgt Ion:172	Resp:	1179555
Ion Ratio	Lower	Upper
172	100	
171	34.3	28.3 42.5
170	23.3	19.0 28.6

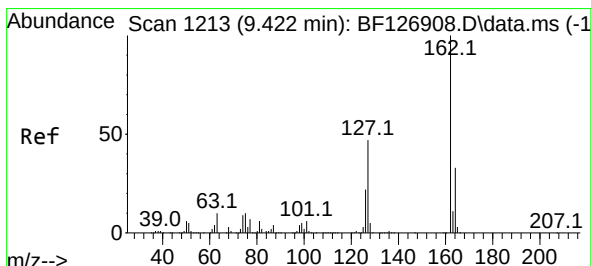
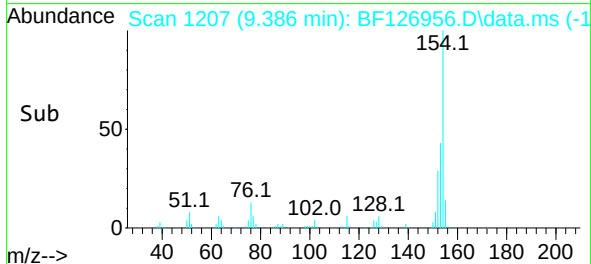
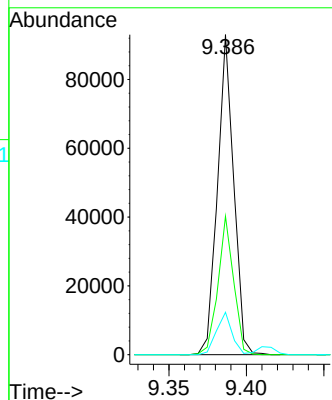
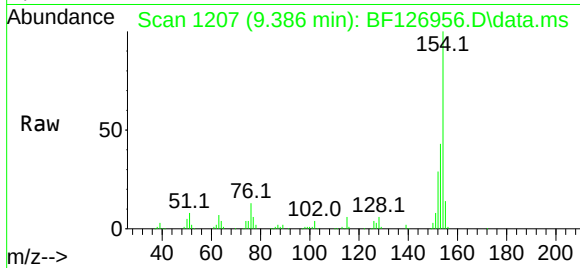




#46
1,1'-Biphenyl
Concen: 4.041 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

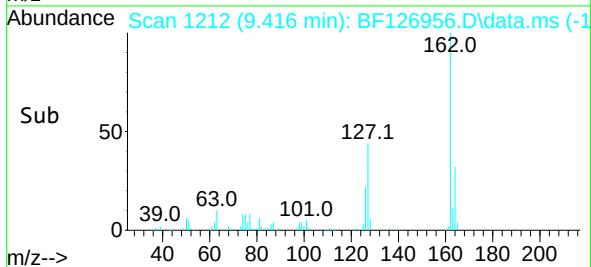
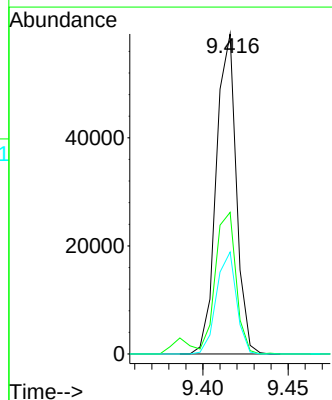
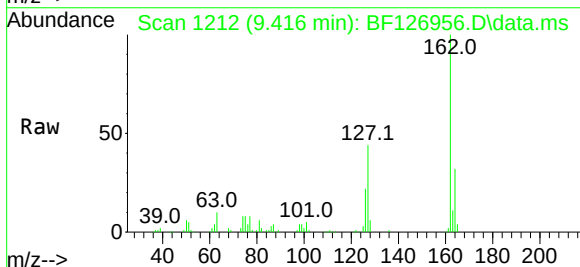
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

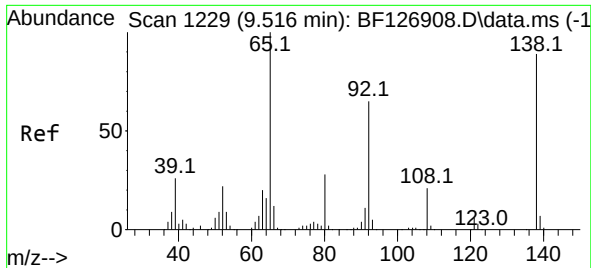
Tgt Ion:154 Resp: 67701
Ion Ratio Lower Upper
154 100
153 43.2 19.0 59.0
76 13.3 0.0 34.5



#47
2-Chloronaphthalene
Concen: 3.895 ng
RT: 9.416 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:162 Resp: 48384
Ion Ratio Lower Upper
162 100
127 44.2 33.5 50.3
164 31.9 26.2 39.4

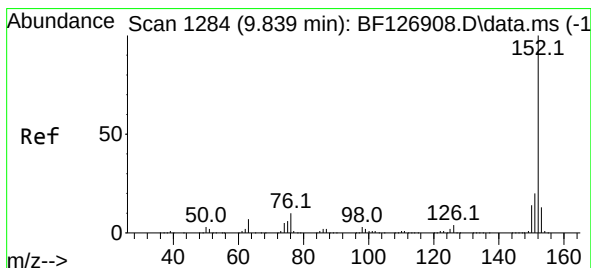
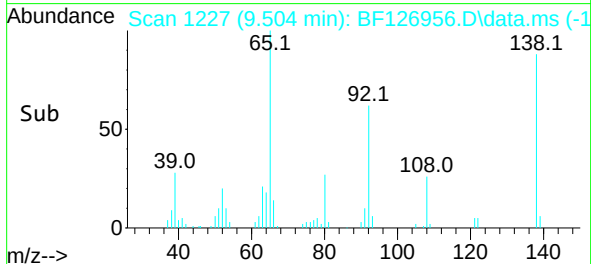
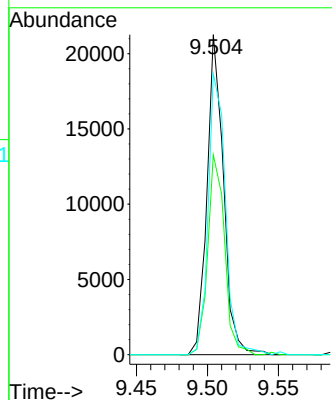
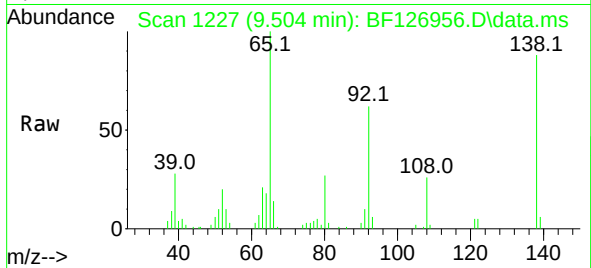




#48
2-Nitroaniline
Concen: 3.507 ng
RT: 9.504 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

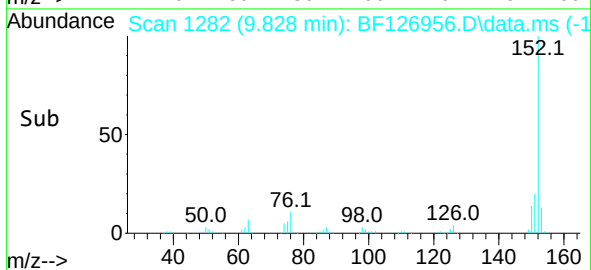
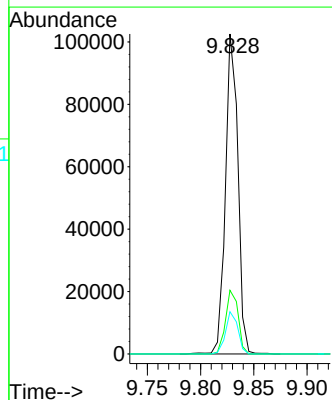
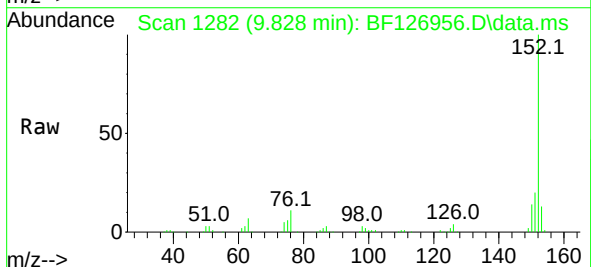
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

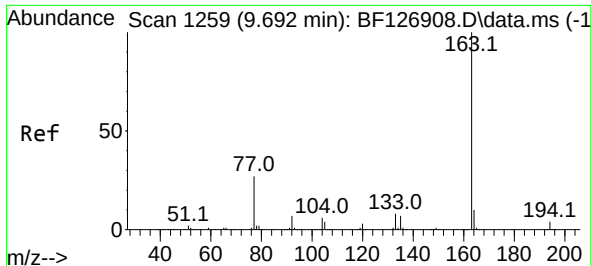
Tgt Ion: 65 Resp: 17191
Ion Ratio Lower Upper
65 100
92 62.5 54.4 81.6
138 87.8 72.5 108.7



#49
Acenaphthylene
Concen: 4.110 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion: 152 Resp: 82941
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 11.4 17.0

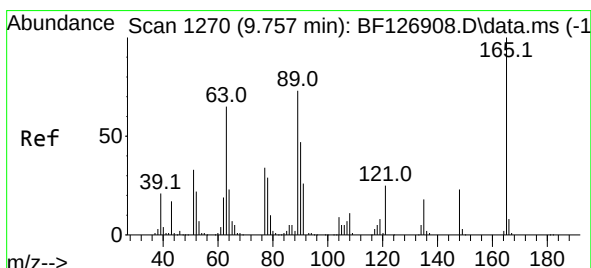
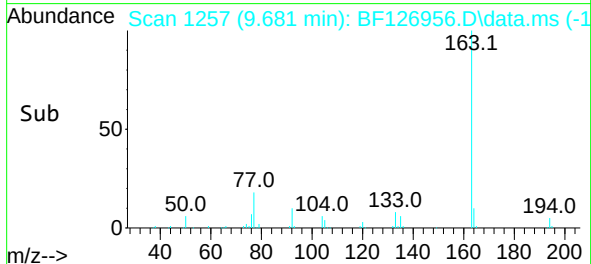
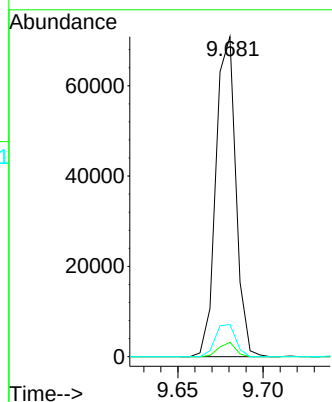
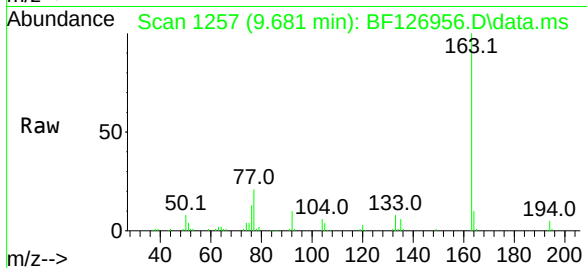




#50
Dimethylphthalate
Concen: 3.821 ng
RT: 9.681 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

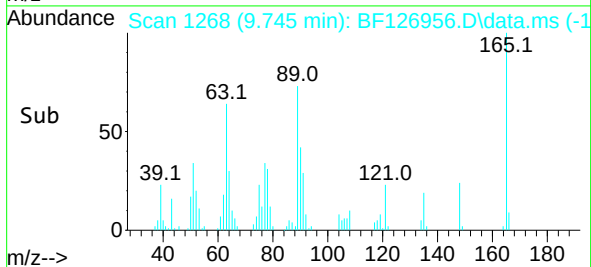
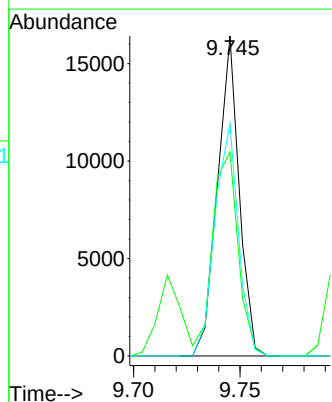
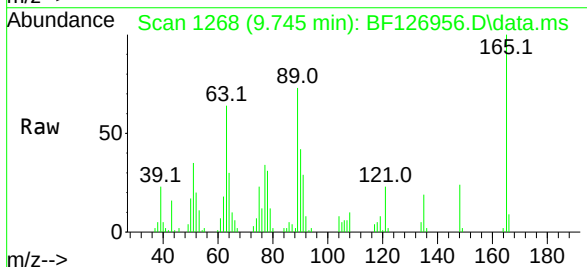
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

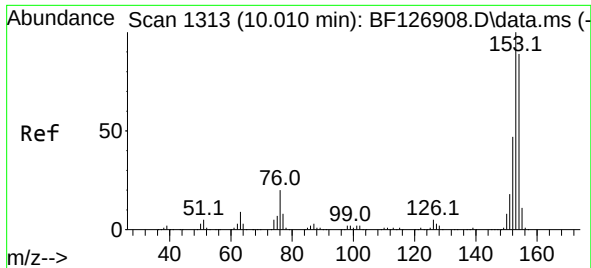
Tgt Ion:163 Resp: 57744
Ion Ratio Lower Upper
163 100
194 4.5 2.6 3.8#
164 10.1 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 3.771 ng
RT: 9.745 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:165 Resp: 11594
Ion Ratio Lower Upper
165 100
63 63.8 48.4 72.6
89 72.6 50.5 75.7

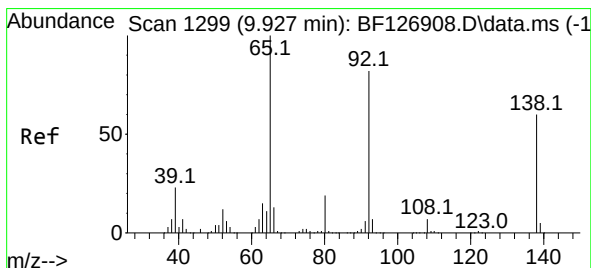
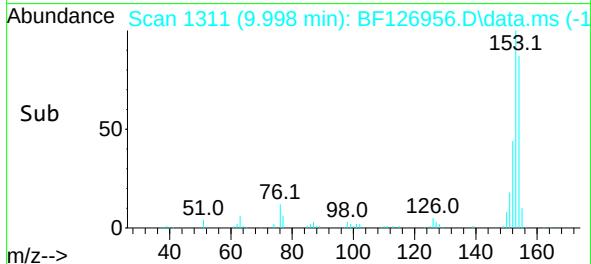
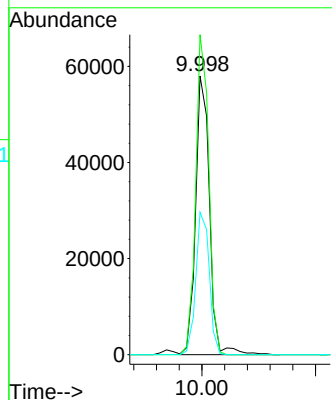
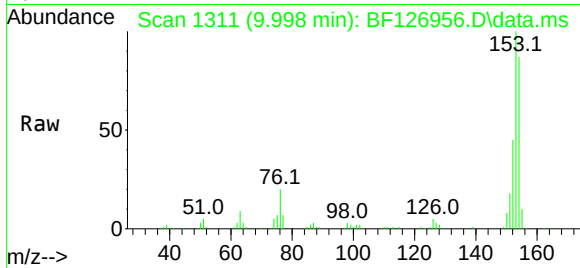




#52
Acenaphthene
Concen: 3.760 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

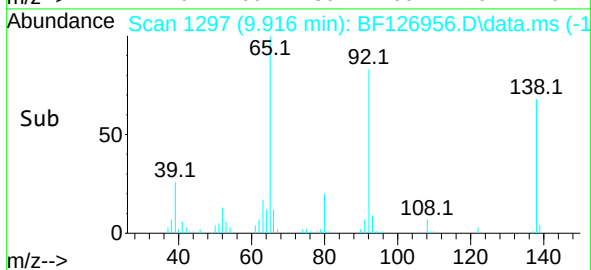
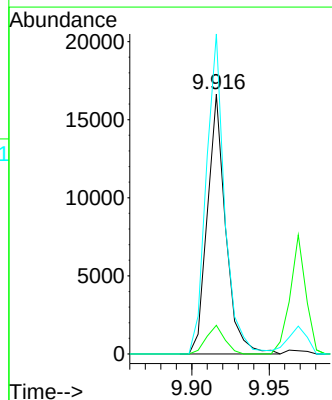
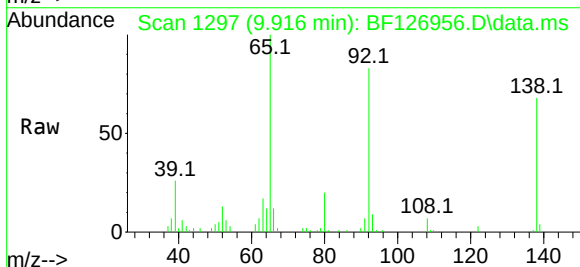
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

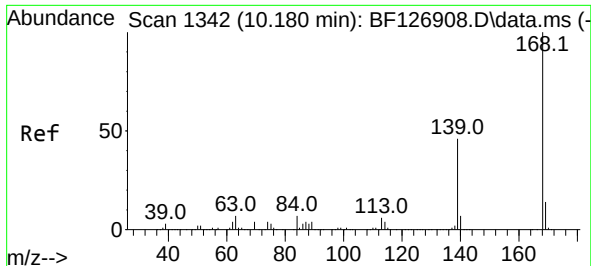
Tgt Ion:154 Resp: 49345
Ion Ratio Lower Upper
154 100
153 114.8 87.8 131.6
152 51.1 39.4 59.2



#53
3-Nitroaniline
Concen: 3.642 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:138 Resp: 13690
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 123.1 105.0 157.6

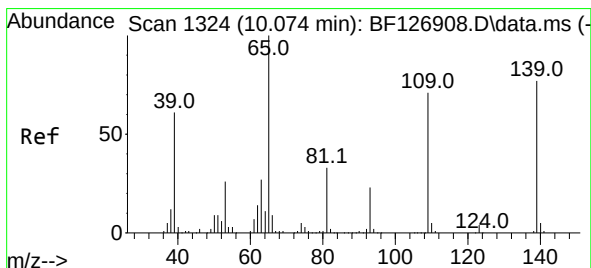
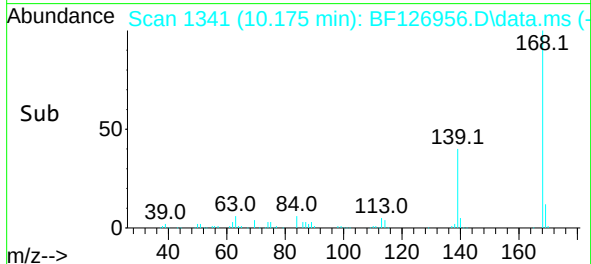
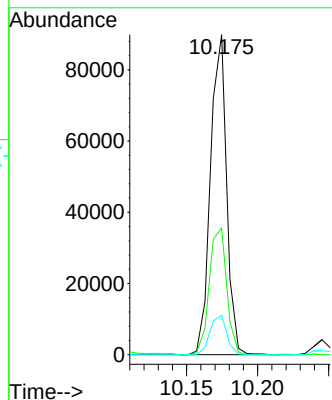
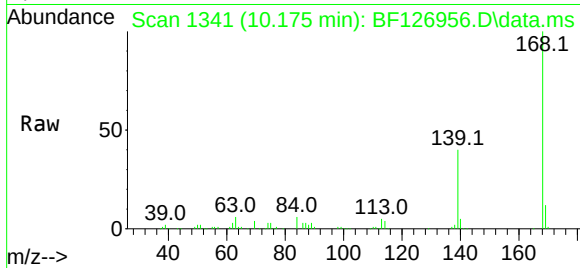




#55
Dibenzenofuran
Concen: 3.945 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

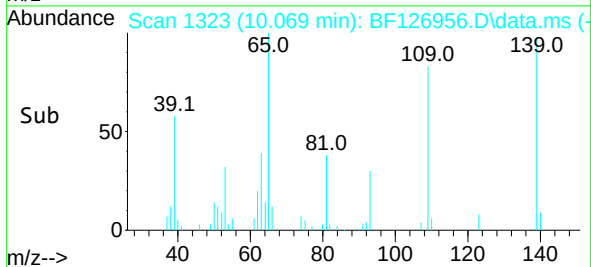
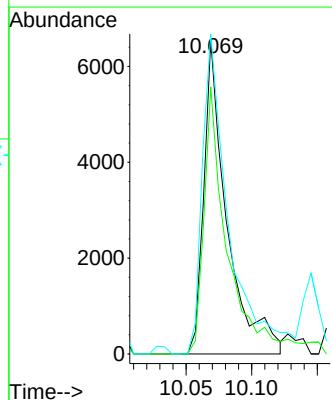
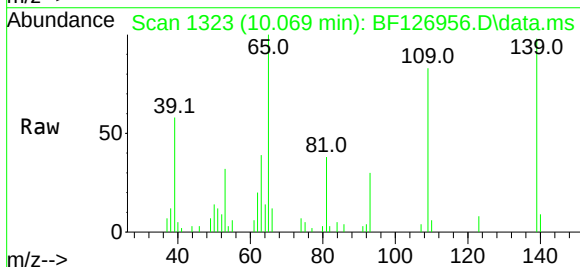
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

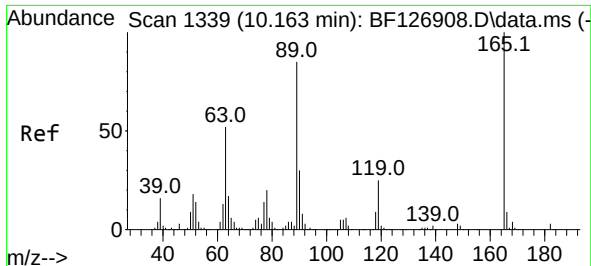
Tgt Ion:168 Resp: 71180
Ion Ratio Lower Upper
168 100
139 39.5 30.6 46.0
169 12.3 10.0 15.0



#56
4-Nitrophenol
Concen: 2.890 ng
RT: 10.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:139 Resp: 8022
Ion Ratio Lower Upper
139 100
109 85.0 44.1 84.1#
65 101.9 85.5 125.5

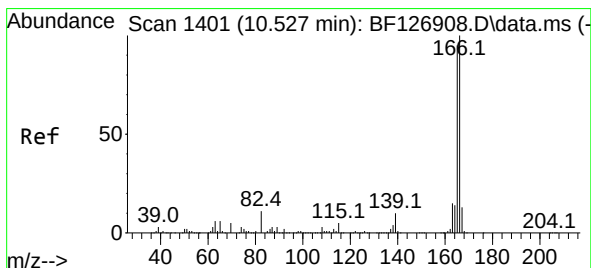
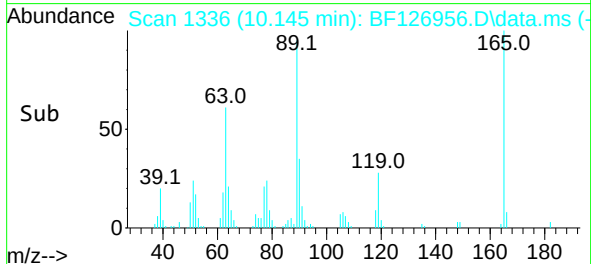
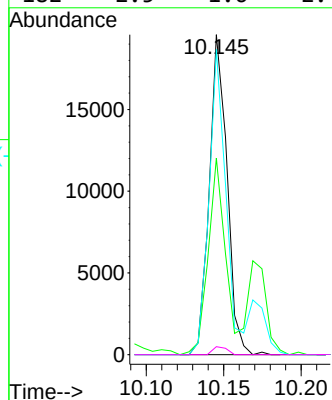
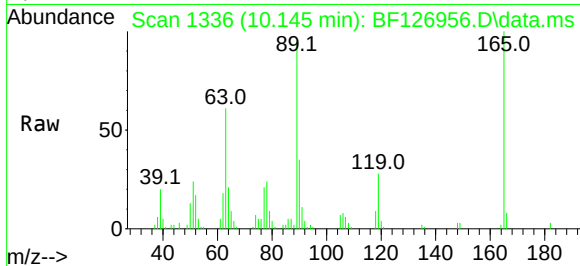




#57
2,4-Dinitrotoluene
Concen: 3.757 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

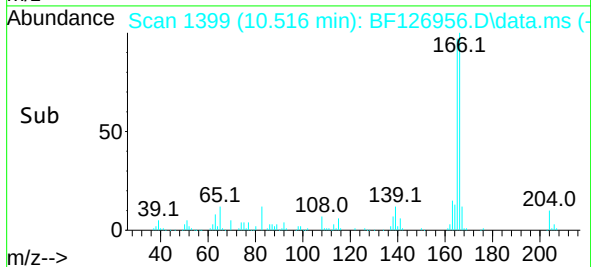
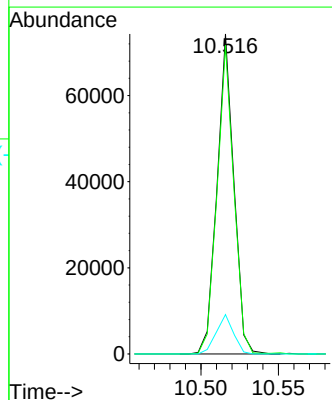
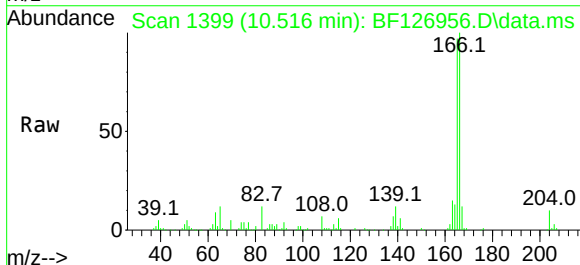
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

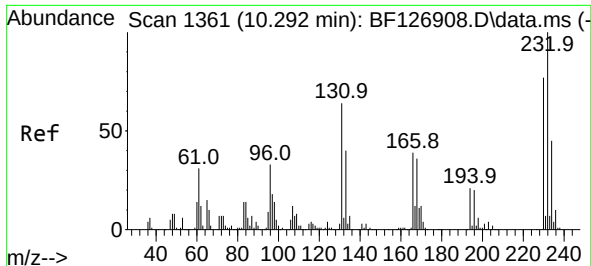
Tgt Ion:165	Resp:	15619
Ion	Ratio	Lower Upper
165	100	
63	61.5	43.0 64.6
89	95.3	71.0 106.4
182	2.5	1.6 2.4#



#58
Fluorene
Concen: 3.985 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:166	Resp:	56015
Ion	Ratio	Lower Upper
166	100	
165	96.5	77.7 116.5
167	12.3	10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.560 ng

RT: 10.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126956.D

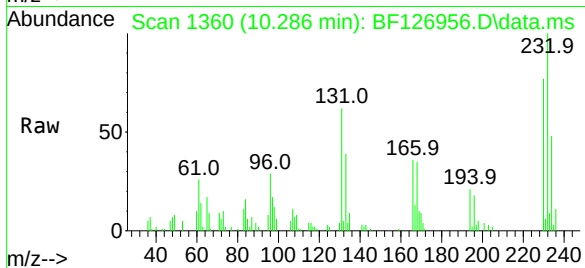
Acq: 18 Feb 2022 17:08

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021



Tgt Ion:232 Resp: 12124

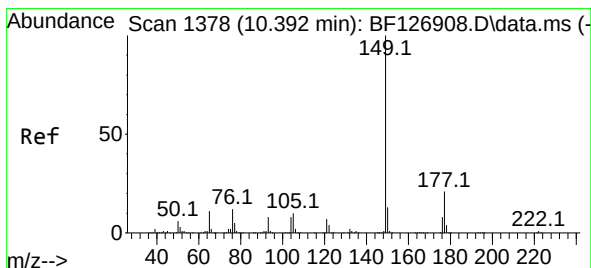
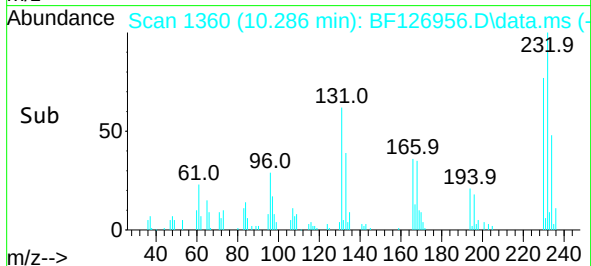
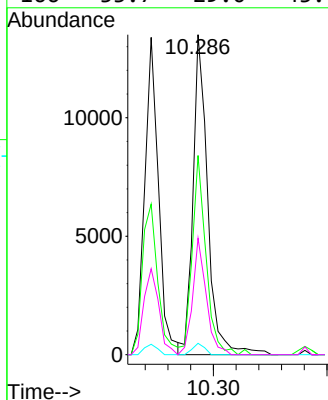
Ion Ratio Lower Upper

232 100

131 58.9 50.0 75.0

130 2.9 2.2 3.2

166 33.7 29.0 43.4



#60

Diethylphthalate

Concen: 3.914 ng

RT: 10.381 min Scan# 1376

Delta R.T. -0.012 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

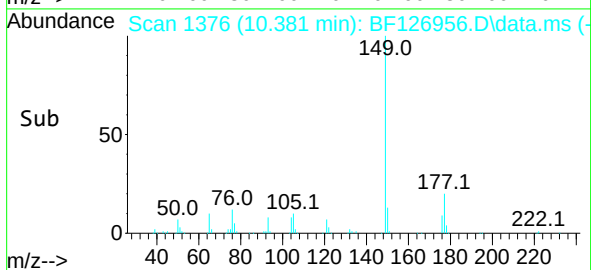
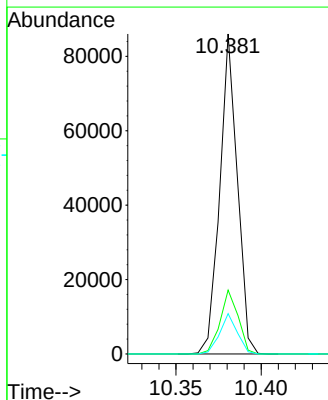
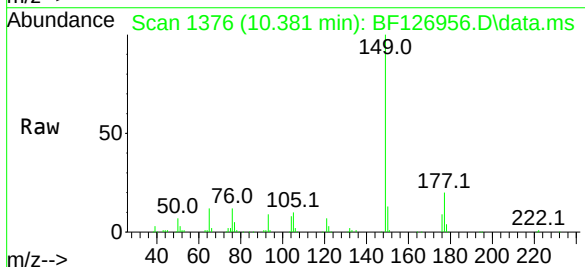
Tgt Ion:149 Resp: 61815

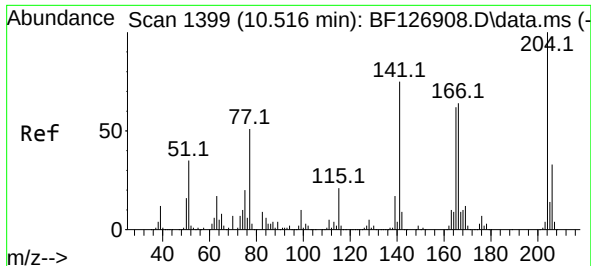
Ion Ratio Lower Upper

149 100

177 20.0 16.7 25.1

150 12.6 9.8 14.8

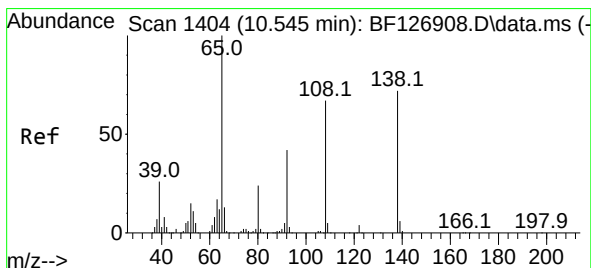
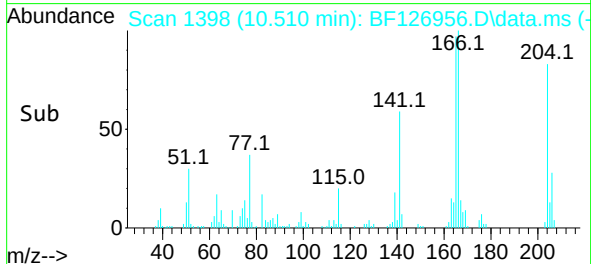
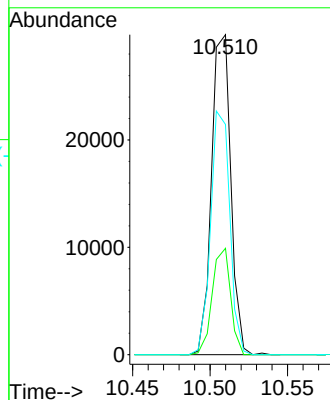
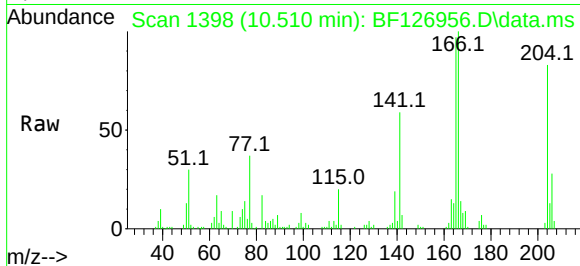




#61
4-Chlorophenyl-phenylether
Concen: 3.906 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

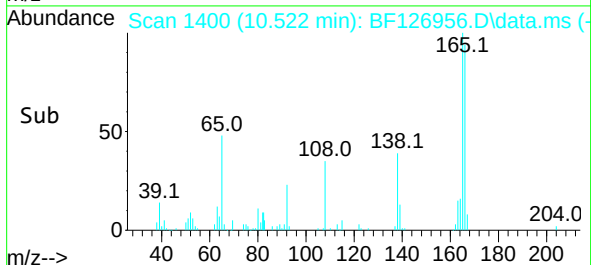
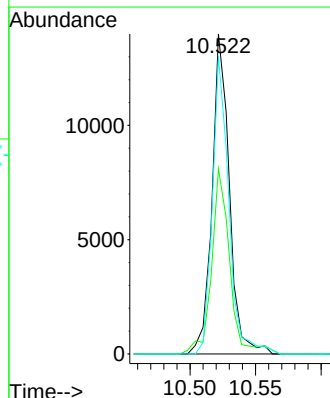
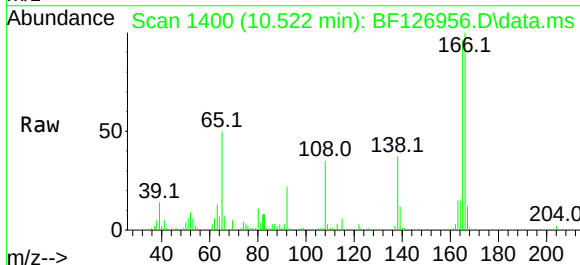
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

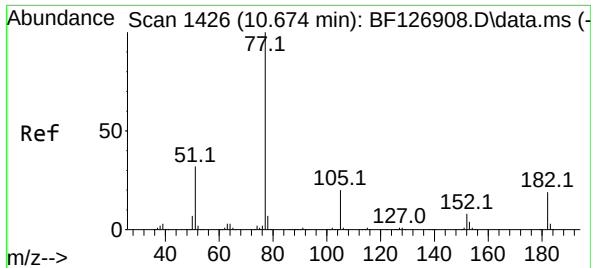
Tgt Ion:204 Resp: 25887
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 71.9 59.0 88.6



#62
4-Nitroaniline
Concen: 3.456 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.023 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:138 Resp: 12826
Ion Ratio Lower Upper
138 100
92 57.8 36.2 76.2
108 93.0 46.7 86.7#

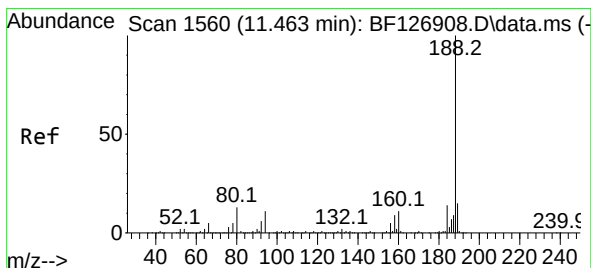
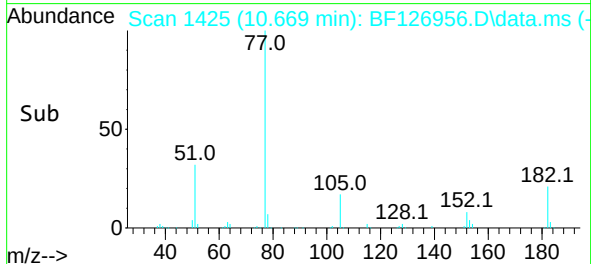
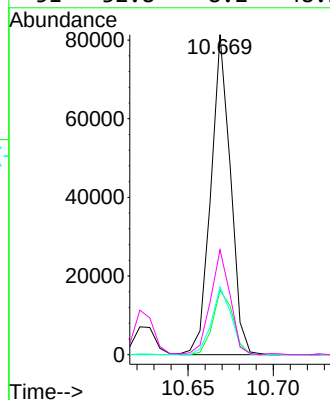
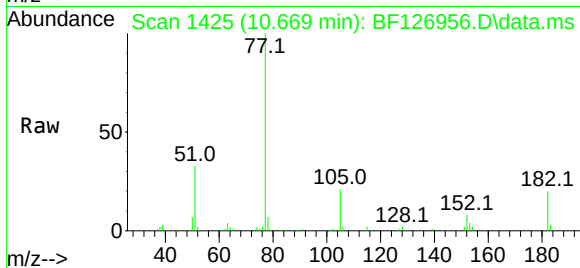




#63
Azobenzene
Concen: 3.700 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

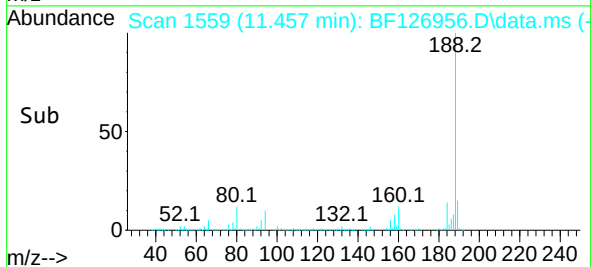
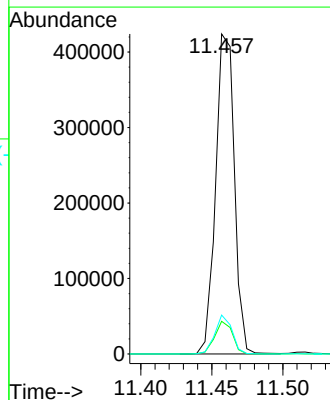
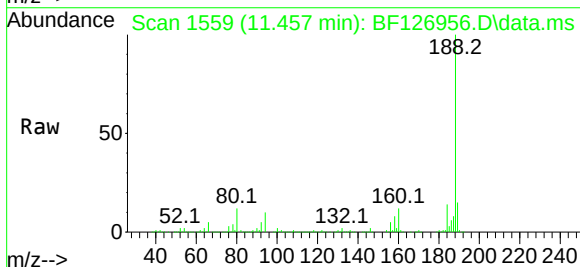
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

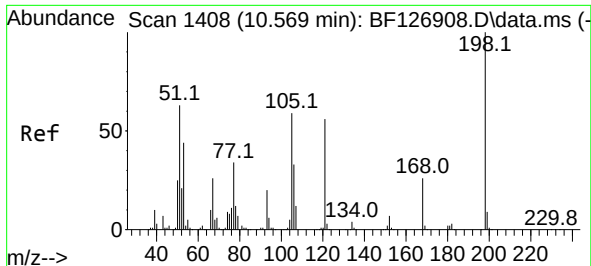
Tgt Ion: 77	Resp: 65057
Ion Ratio	Lower Upper
77 100	
182 20.1	0.0 39.0
105 21.1	3.2 43.2
51 32.8	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:188	Resp: 388359		
Ion Ratio	Lower	Upper	
188 100			
94 10.2	10.1	15.1	
80 12.2	11.8	17.6	

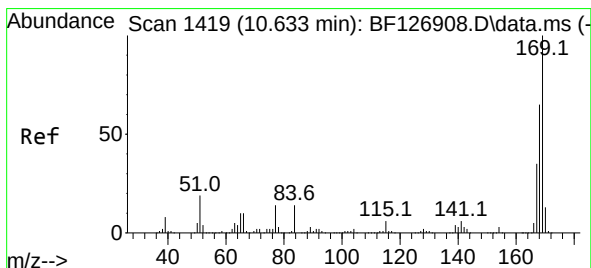
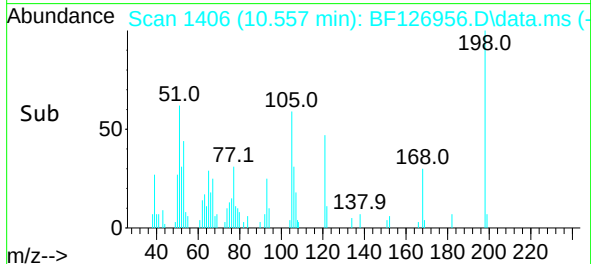
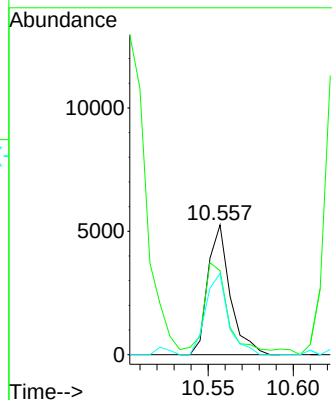
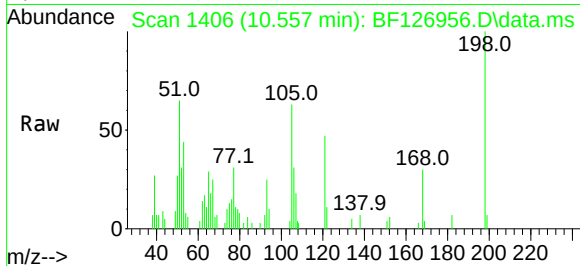




#65
4,6-Dinitro-2-methylphenol
Concen: 2.099 ng
RT: 10.557 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

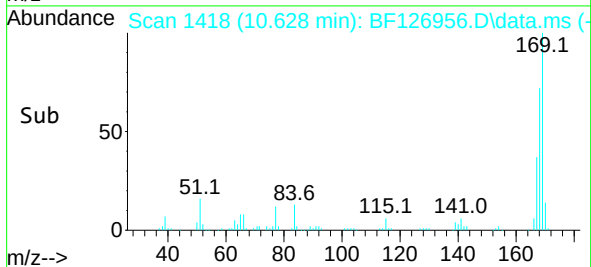
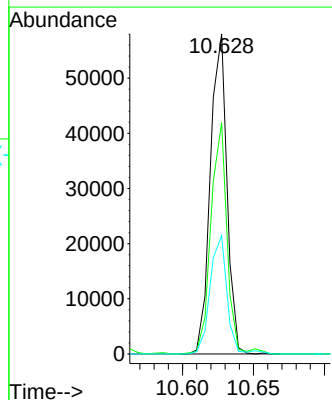
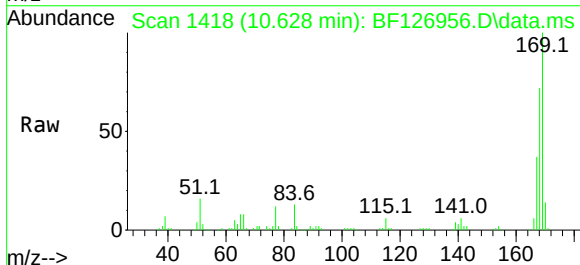
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

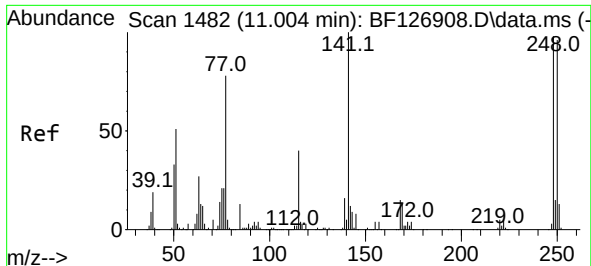
Tgt Ion:198 Resp: 4790
Ion Ratio Lower Upper
198 100
51 64.7 32.0 72.0
105 62.6 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 3.708 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:169 Resp: 47221
Ion Ratio Lower Upper
169 100
168 72.3 53.4 80.0
167 37.0 29.4 44.0

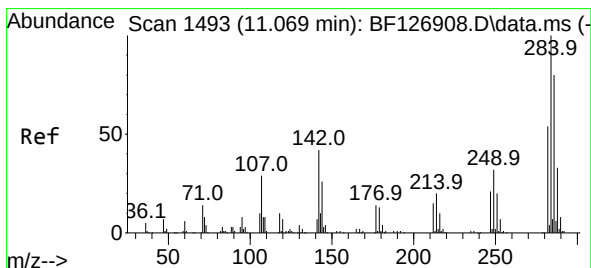
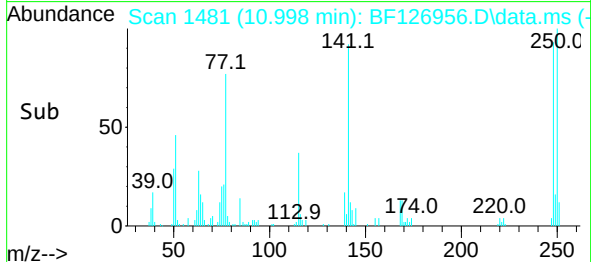
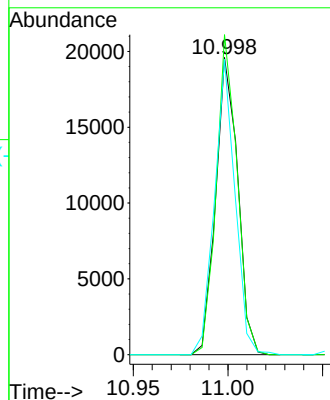
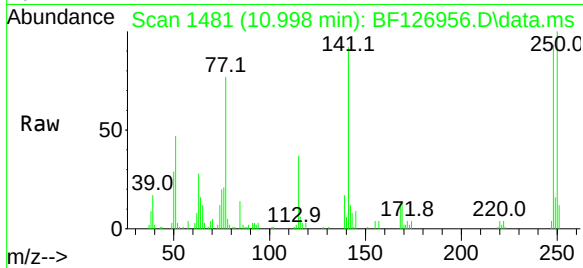




#67
4-Bromophenyl-phenylether
Concen: 3.652 ng
RT: 10.998 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

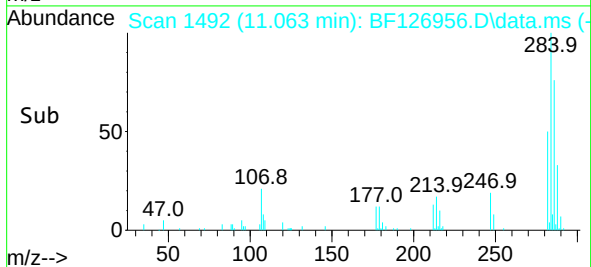
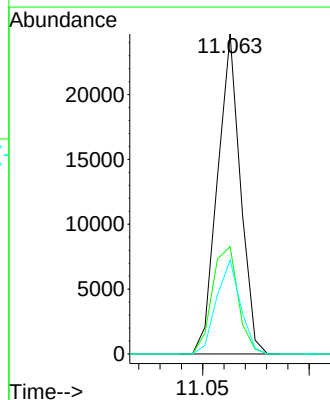
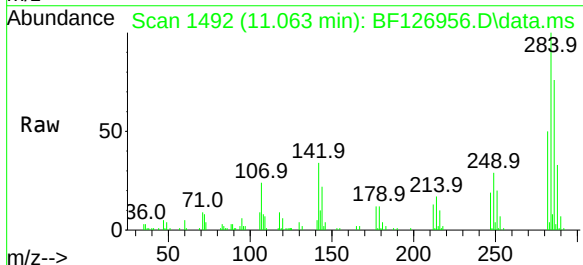
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

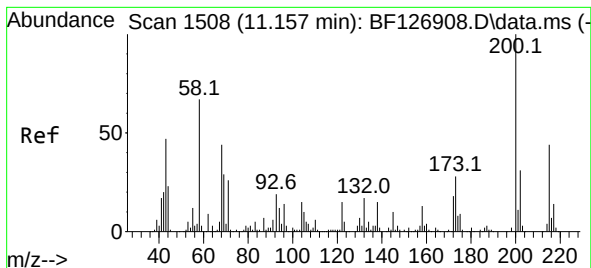
Tgt Ion:248 Resp: 15845
Ion Ratio Lower Upper
248 100
250 107.7 76.2 114.4
141 99.4 66.2 99.4#



#68
Hexachlorobenzene
Concen: 3.942 ng
RT: 11.063 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:284 Resp: 18415
Ion Ratio Lower Upper
284 100
142 33.6 30.7 46.1
249 29.3 21.1 31.7





#69

Atrazine

Concen: 4.110 ng

RT: 11.145 min Scan# 1506

Delta R.T. -0.012 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

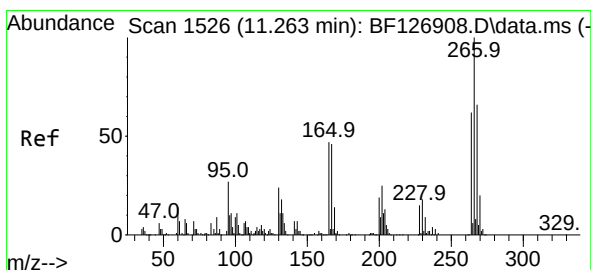
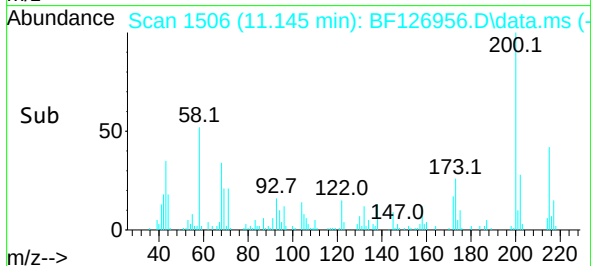
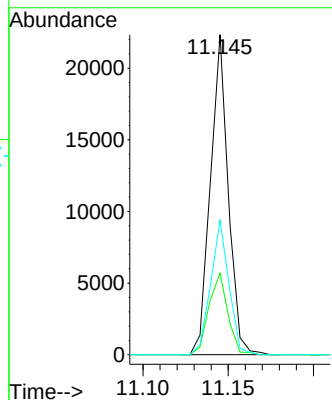
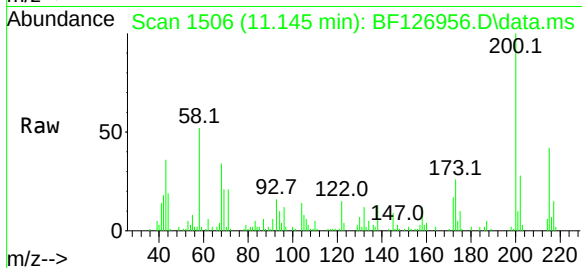
Tgt Ion:200 Resp: 16232

Ion Ratio Lower Upper

200 100

173 25.5 9.2 49.2

215 42.0 23.2 63.2



#70

Pentachlorophenol

Concen: 2.389 ng

RT: 11.263 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

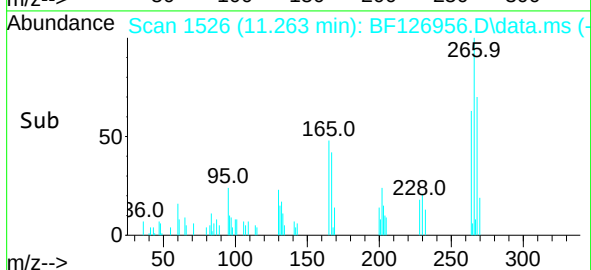
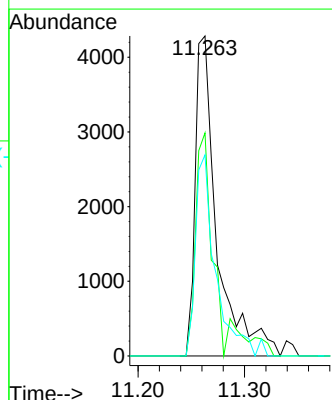
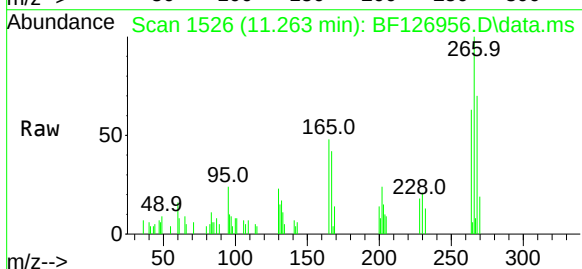
Tgt Ion:266 Resp: 6093

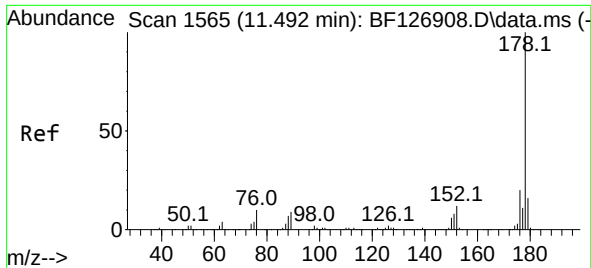
Ion Ratio Lower Upper

266 100

268 69.7 52.3 78.5

264 62.9 50.4 75.6

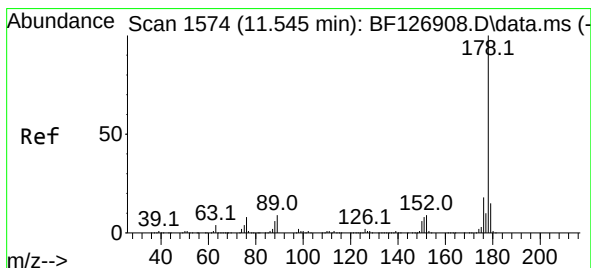
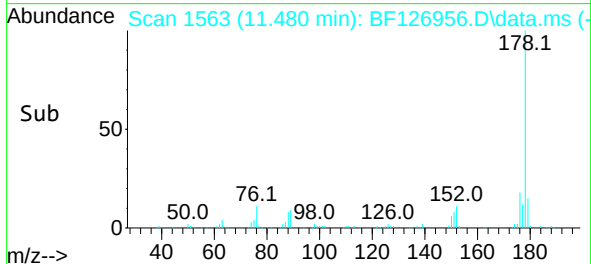
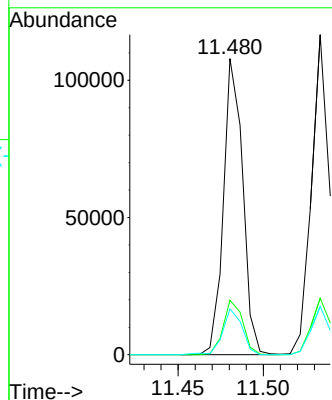
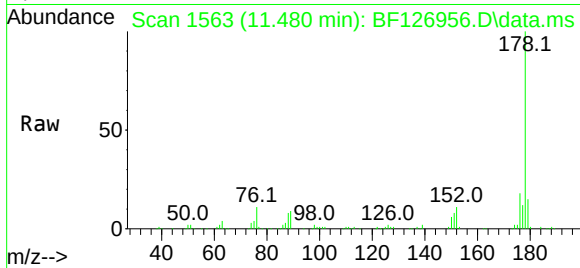




#71
Phenanthrene
Concen: 3.897 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

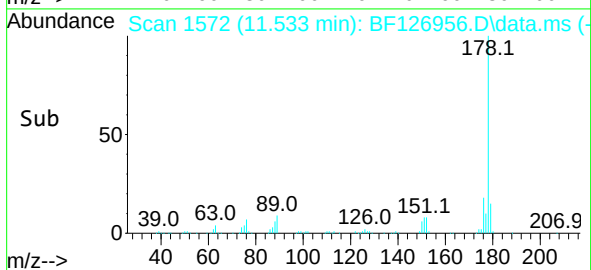
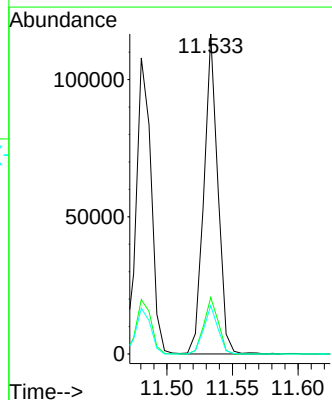
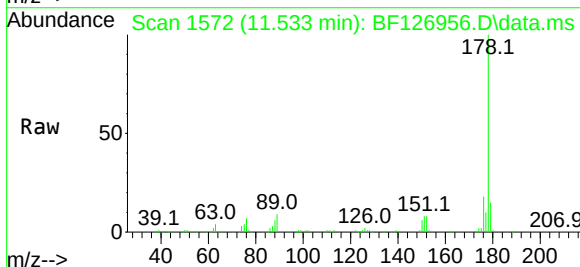
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

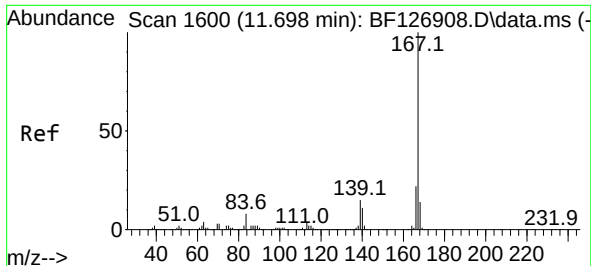
Tgt Ion:178 Resp: 84711
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.5 12.3 18.5



#72
Anthracene
Concen: 3.995 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:178 Resp: 86451
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.6
179 15.1 12.5 18.7

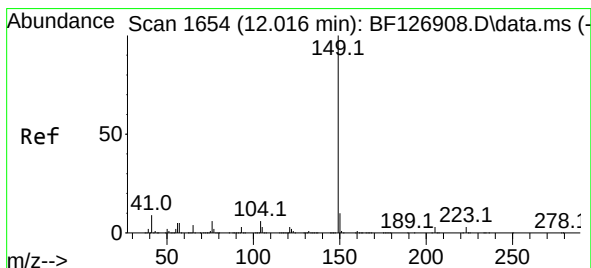
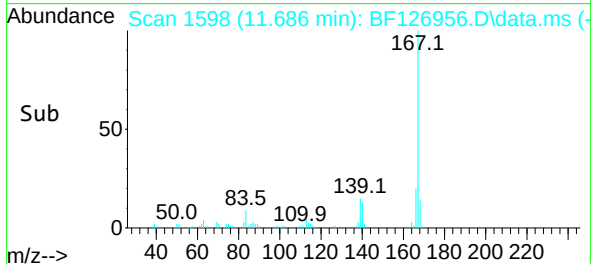
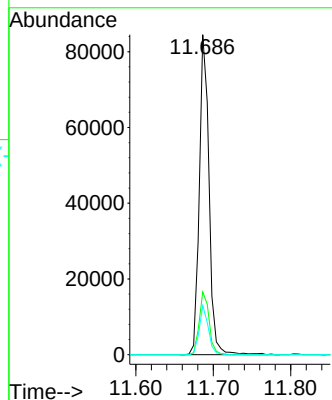
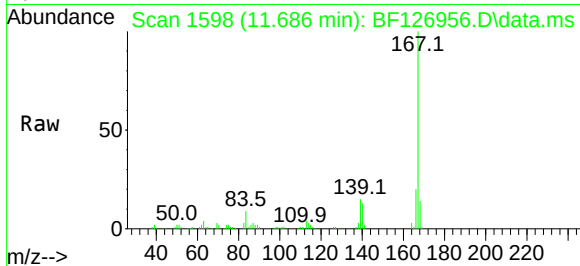




#73
 Carbazole
 Concen: 3.696 ng
 RT: 11.686 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

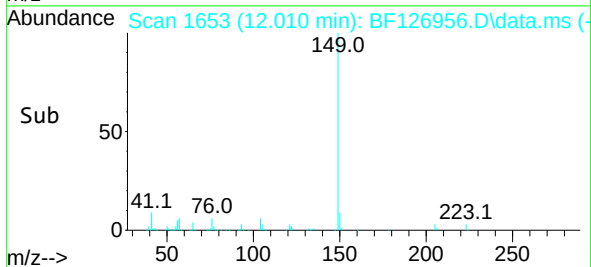
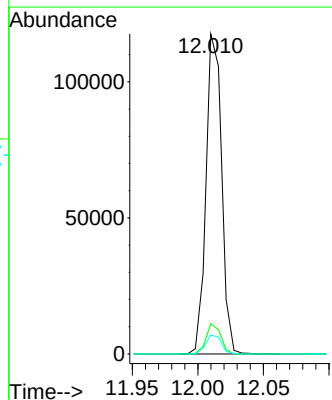
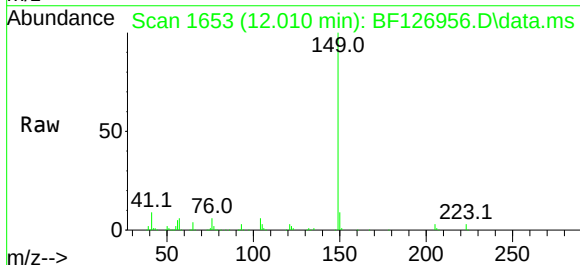
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

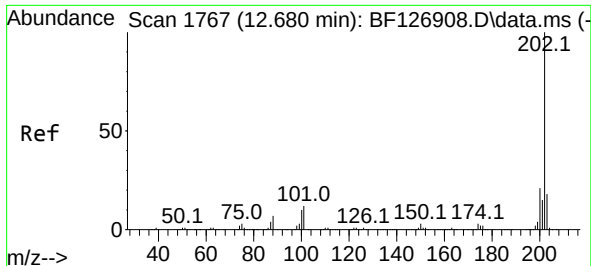
Tgt Ion:167 Resp: 73354
 Ion Ratio Lower Upper
 167 100
 166 19.6 16.9 25.3
 139 15.4 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 3.831 ng
 RT: 12.010 min Scan# 1653
 Delta R.T. -0.006 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

Tgt Ion:149 Resp: 97731
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.9 4.2 6.2

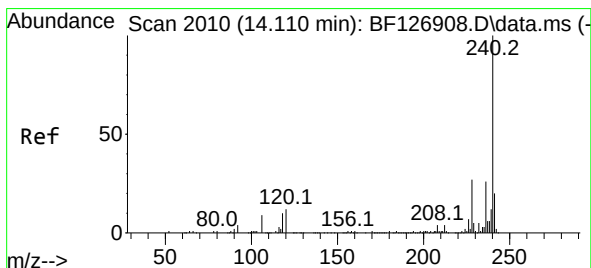
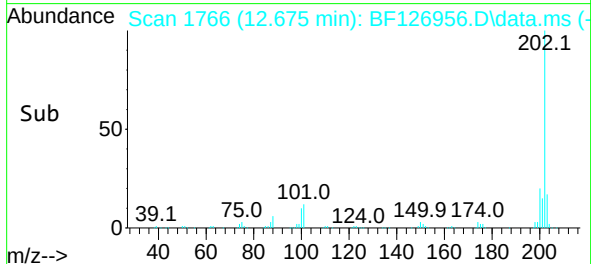
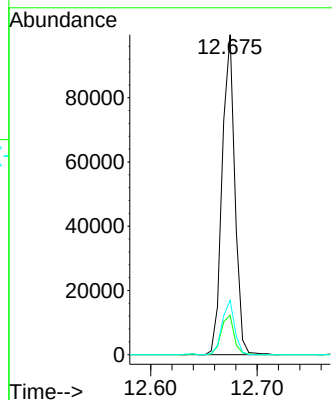
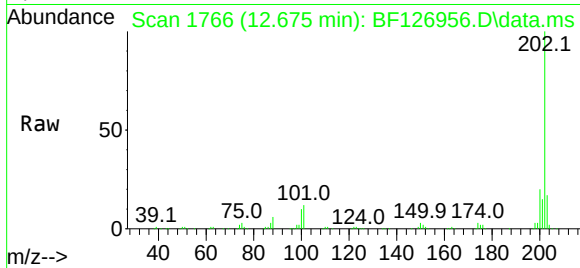




#75
Fluoranthene
Concen: 3.990 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

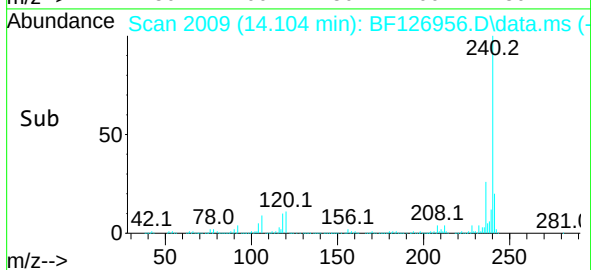
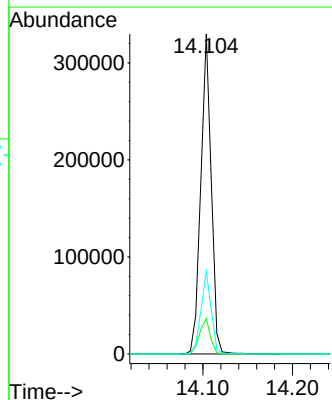
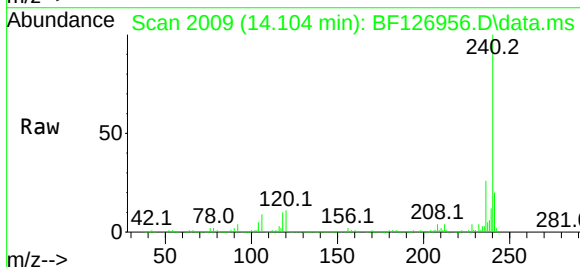
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

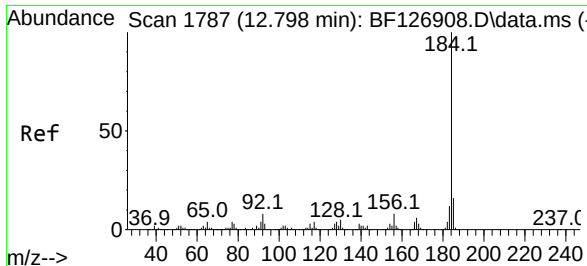
Tgt Ion:202 Resp: 82358
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.7
203 17.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:240 Resp: 265955
Ion Ratio Lower Upper
240 100
120 11.1 14.4 21.6#
236 25.9 20.5 30.7

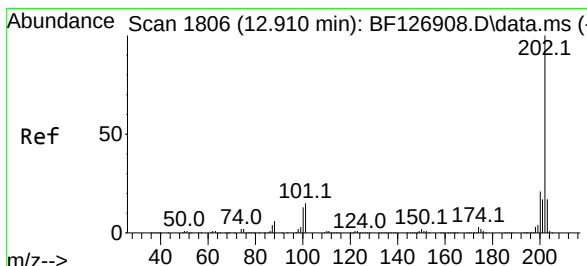
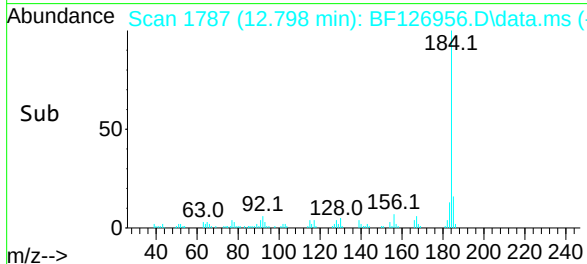
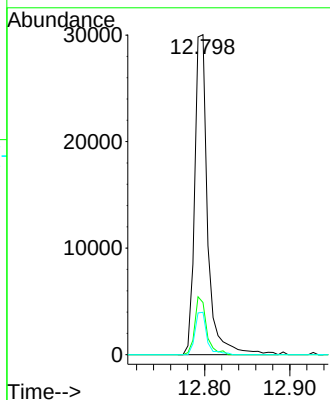
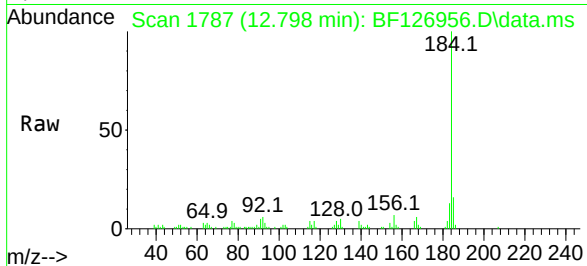




#77
Benzidine
Concen: 4.398 ng
RT: 12.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

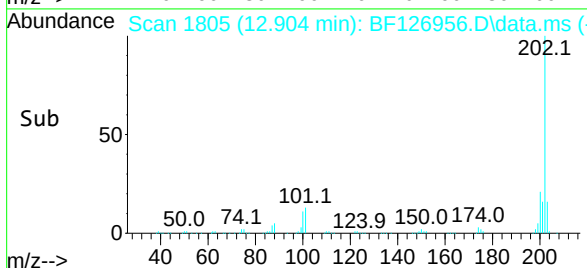
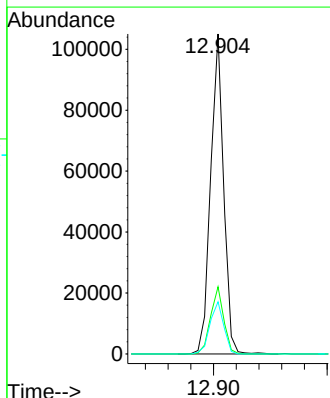
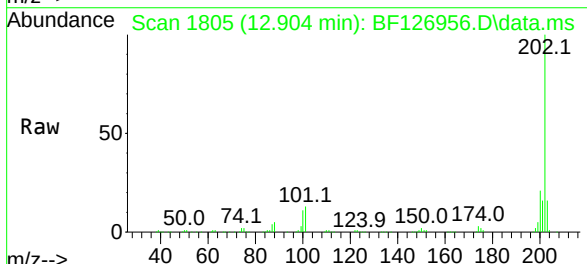
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

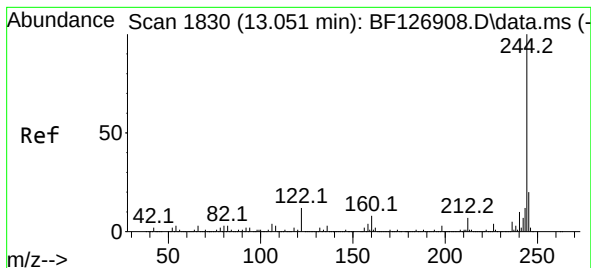
Tgt Ion:184 Resp: 31784
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.8
183 13.3 8.2 12.2#



#78
Pyrene
Concen: 3.602 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:202 Resp: 83226
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 16.3 13.8 20.8





#79

Terphenyl-d14

Concen: 77.666 ng

RT: 13.051 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

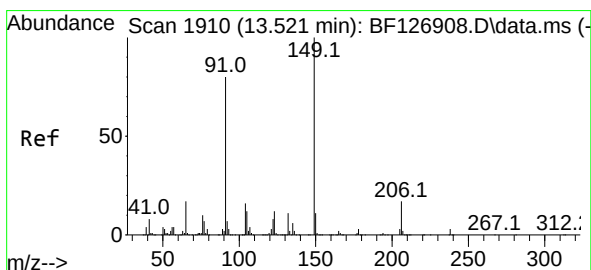
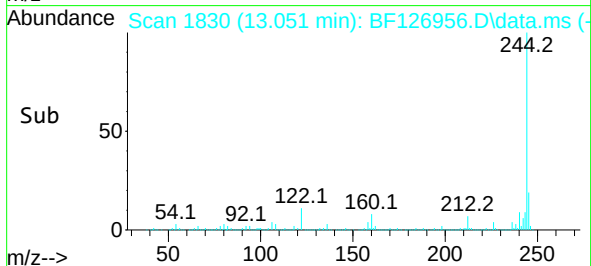
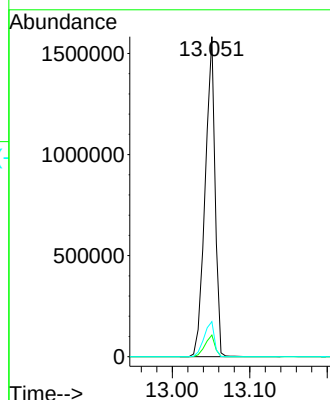
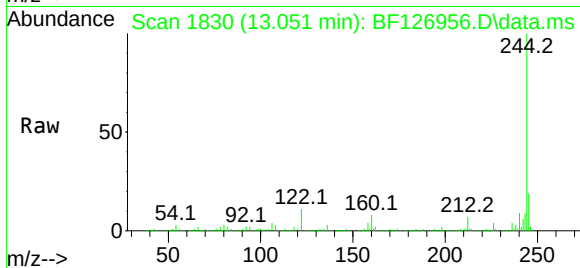
Tgt Ion:244 Resp: 1405101

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 10.9 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 3.571 ng

RT: 13.516 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BF126956.D

Acq: 18 Feb 2022 17:08

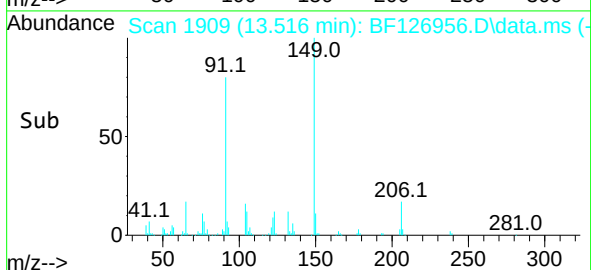
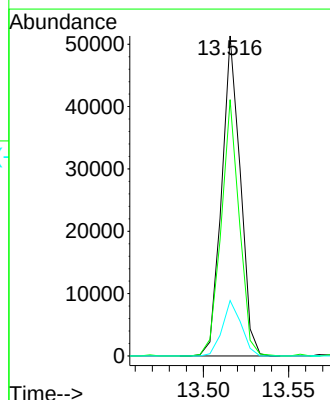
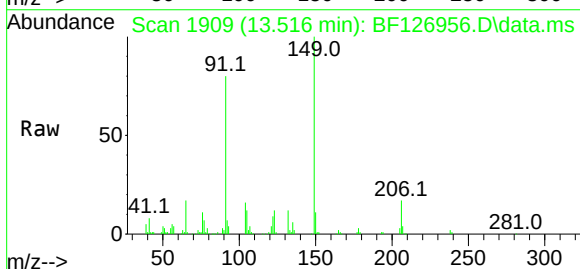
Tgt Ion:149 Resp: 39062

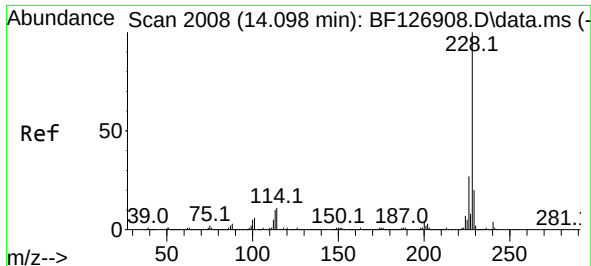
Ion Ratio Lower Upper

149 100

91 80.1 70.5 105.7

206 17.3 12.6 19.0

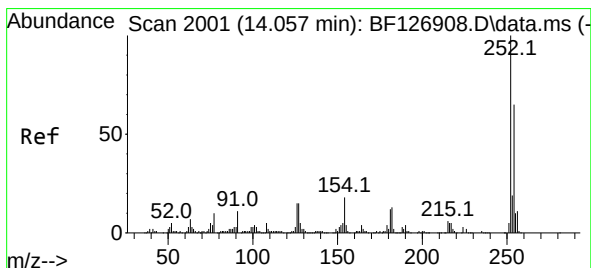
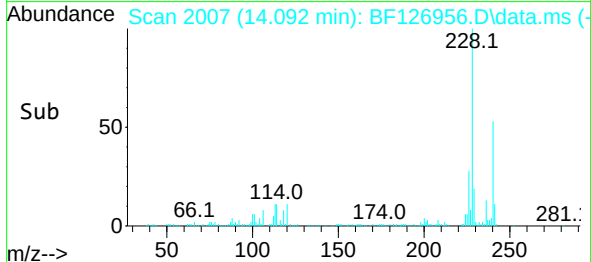
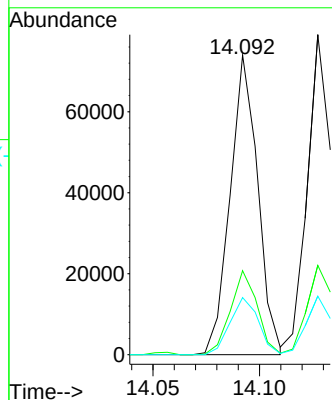
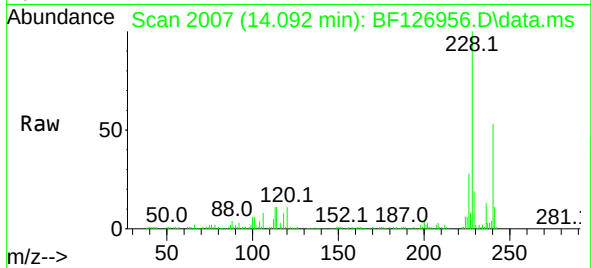




#81
Benzo(a)anthracene
Concen: 3.728 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

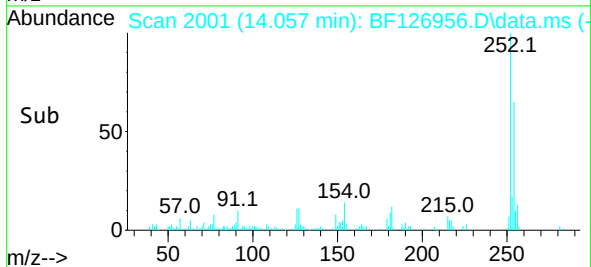
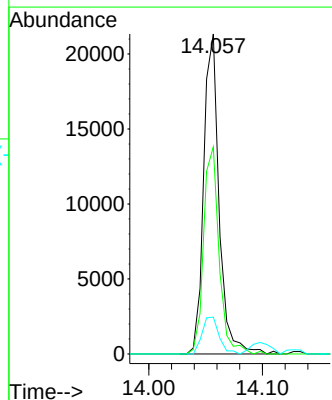
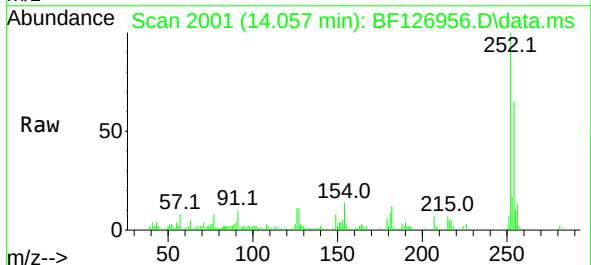
Instrument :
BNA_F
ClientSampleId :
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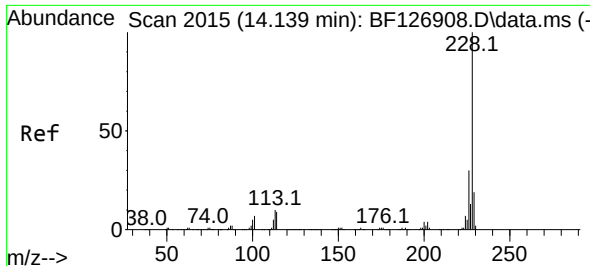
Tgt Ion:228 Resp: 66850
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 19.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 3.568 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:252 Resp: 20160
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.4
126 11.5 13.4 20.0#

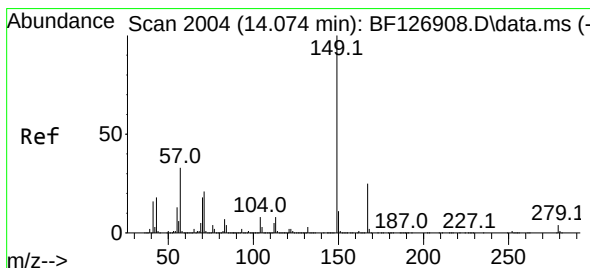
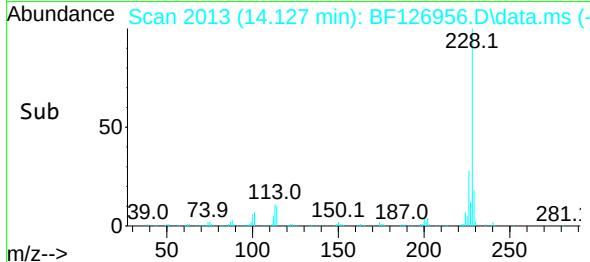
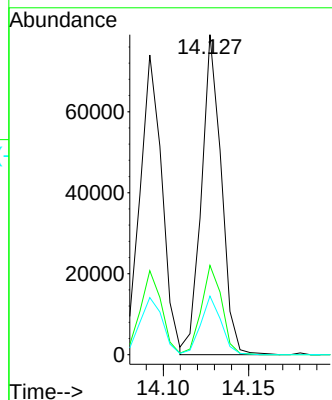
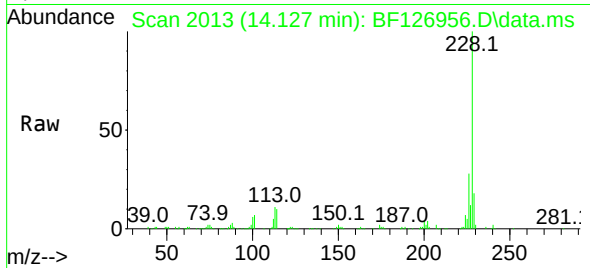




#83
Chrysene
Concen: 3.800 ng
RT: 14.127 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

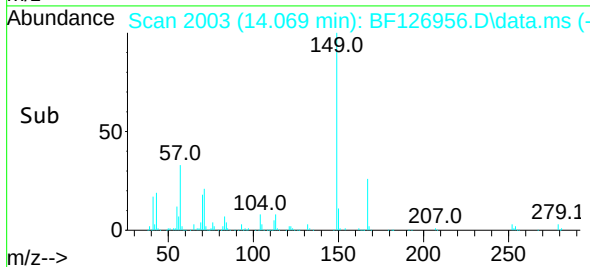
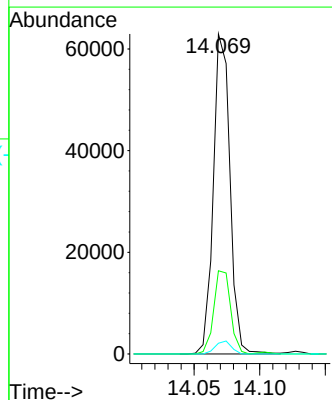
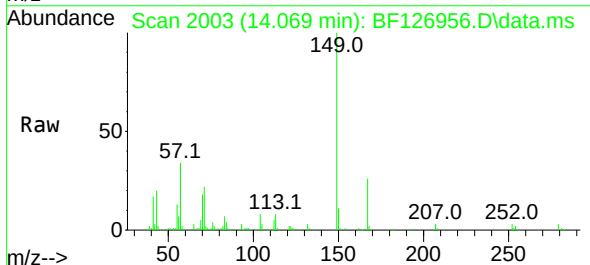
Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT4-2021

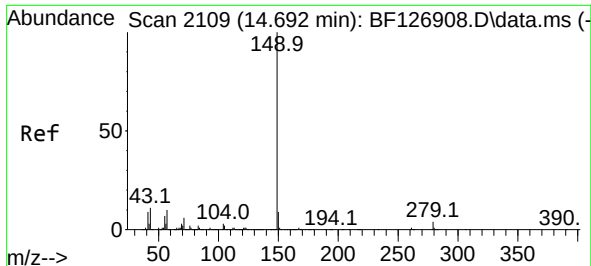
Tgt Ion:228 Resp: 64070
Ion Ratio Lower Upper
228 100
226 27.9 23.7 35.5
229 18.3 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.866 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:149 Resp: 55513
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.2
279 3.3 2.4 3.6

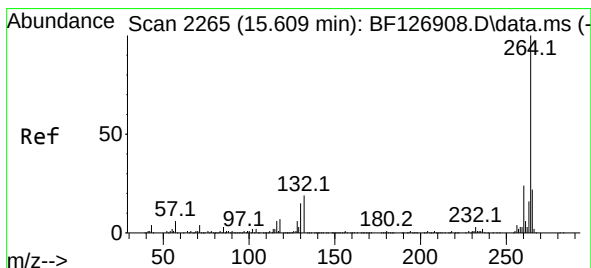
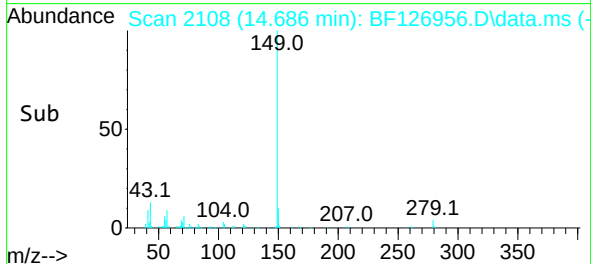
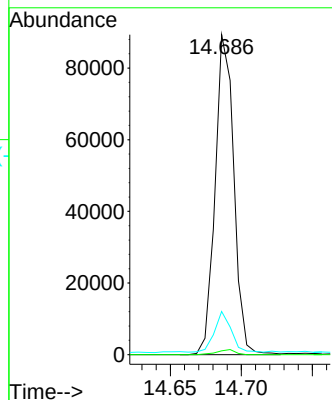
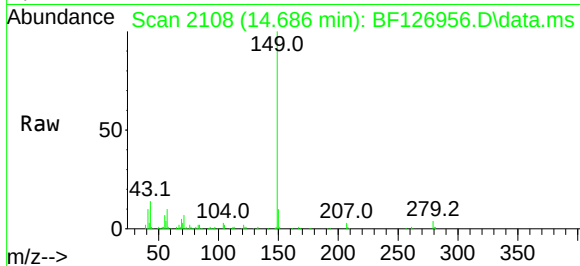




#85
Di-n-octyl phthalate
Concen: 3.948 ng
RT: 14.686 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

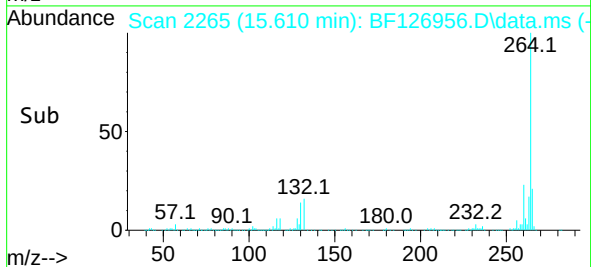
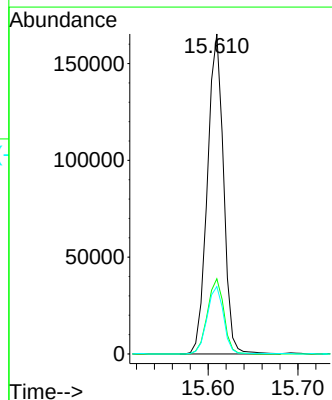
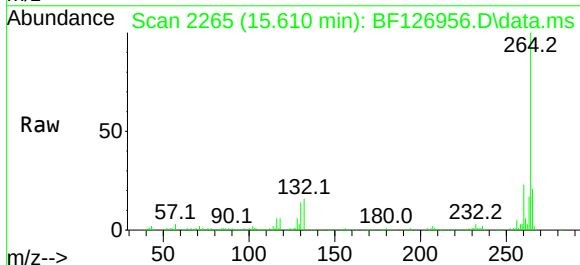
Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT4-2021

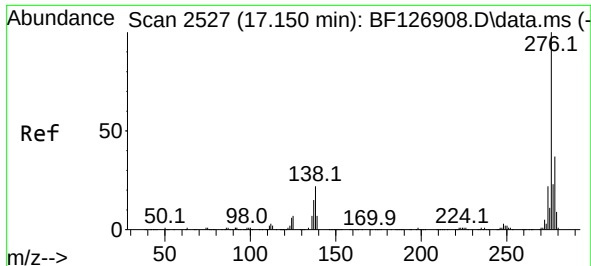
Tgt Ion:149 Resp: 81625
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.4 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:264 Resp: 206530
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.1 17.4 26.2

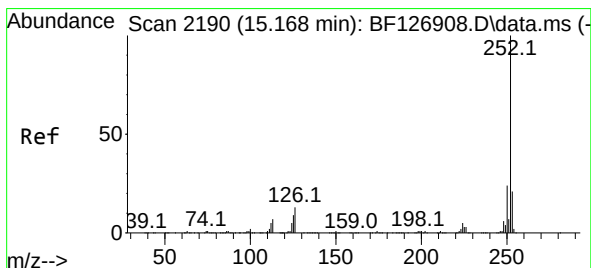
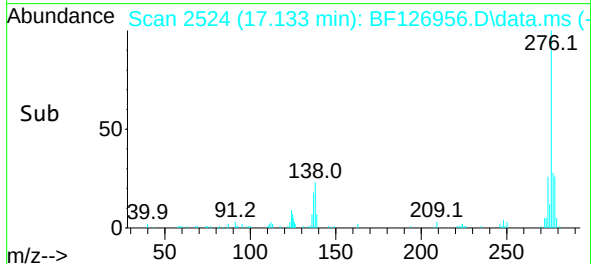
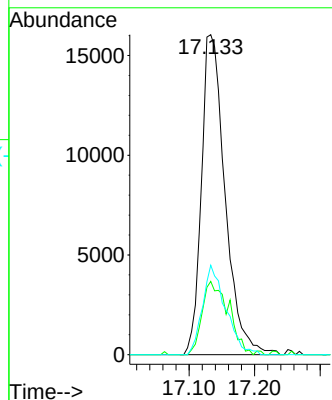
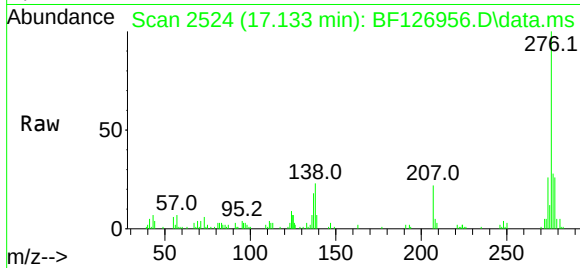




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.978 ng
 RT: 17.133 min Scan# 2188
 Delta R.T. -0.017 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

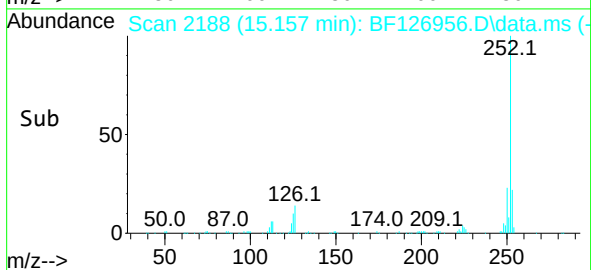
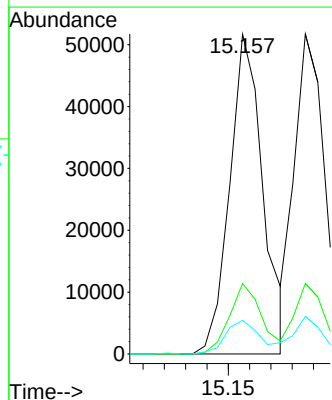
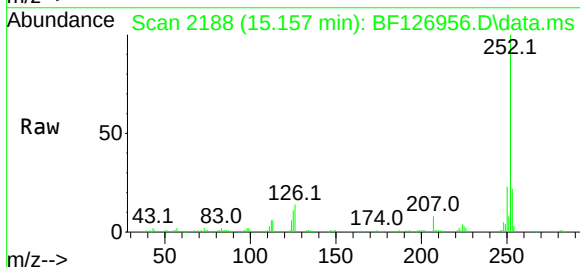
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

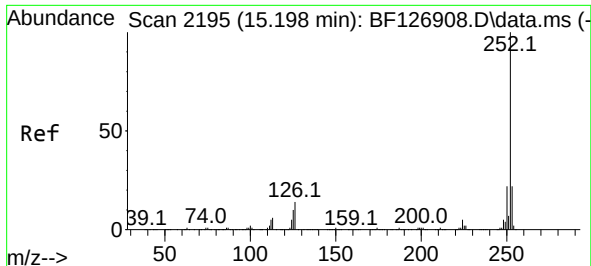
Tgt Ion:276 Resp: 40325
 Ion Ratio Lower Upper
 276 100
 138 25.6 29.2 43.8#
 277 27.4 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 4.048 ng
 RT: 15.157 min Scan# 2188
 Delta R.T. -0.012 min
 Lab File: BF126956.D
 Acq: 18 Feb 2022 17:08

Tgt Ion:252 Resp: 56153
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 10.5 12.4 18.6#

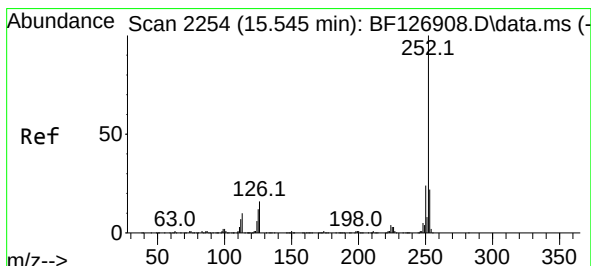
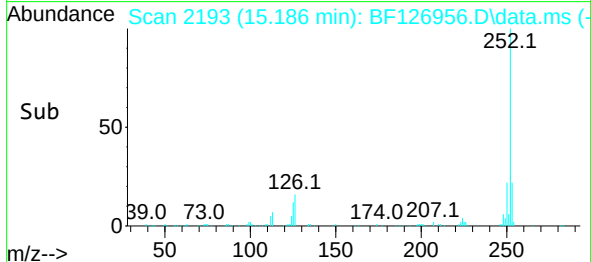
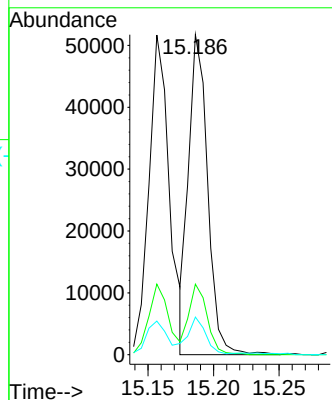
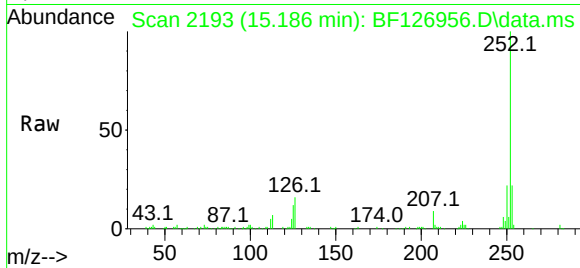




#89
Benzo(k)fluoranthene
Concen: 3.912 ng
RT: 15.186 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

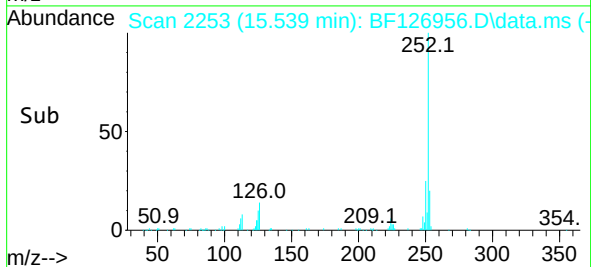
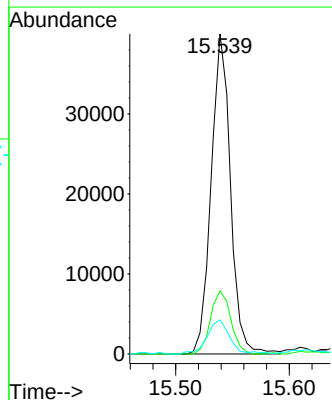
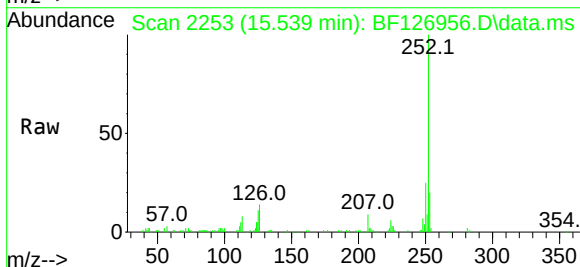
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

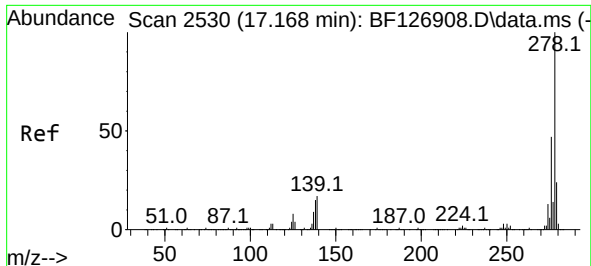
Tgt Ion:252 Resp: 52346
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.7 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 4.360 ng
RT: 15.539 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:252 Resp: 47237
Ion Ratio Lower Upper
252 100
253 19.7 17.1 25.7
125 10.7 13.0 19.6#

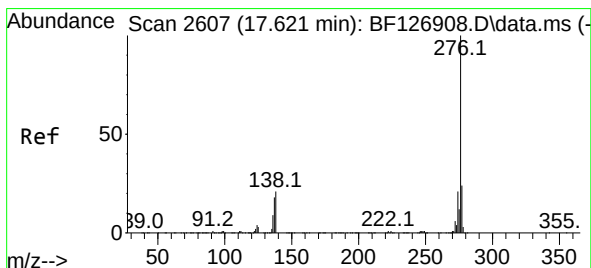
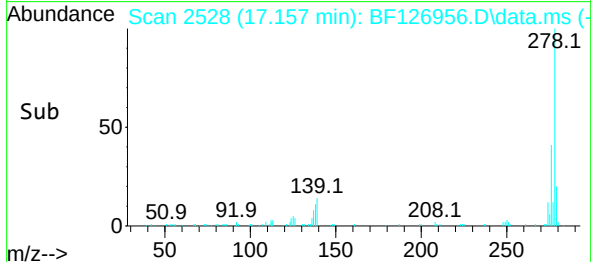
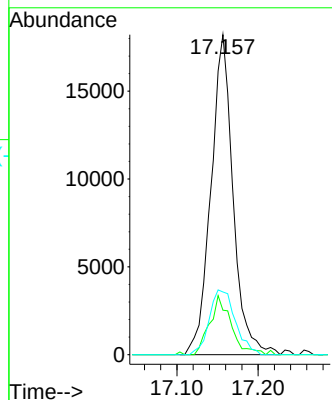
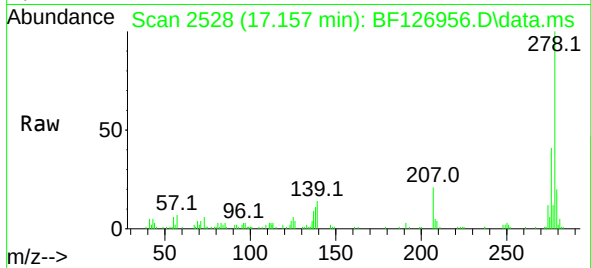




#91
Dibenzo(a,h)anthracene
Concen: 3.087 ng
RT: 17.157 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:278 Resp: 34570
Ion Ratio Lower Upper
278 100
139 13.9 18.0 27.0#
279 19.6 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 3.132 ng
RT: 17.598 min Scan# 2603
Delta R.T. -0.023 min
Lab File: BF126956.D
Acq: 18 Feb 2022 17:08

Tgt Ion:276 Resp: 34579
Ion Ratio Lower Upper
276 100
277 24.9 18.5 27.7
138 18.9 25.9 38.9#

