

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126970.D
 Acq On : 21 Feb 2022 13:34
 Operator : CG\JU
 Sample : M4068-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 21 14:10:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	96651	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	386113	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	204833	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	374663	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	295192	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	270117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	894612	143.060	ng	0.00
7) Phenol-d6	6.551	99	1211687	143.598	ng	0.00
23) Nitrobenzene-d5	7.486	82	686942	80.305	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	375438	159.194	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1118214	80.367	ng	0.00
79) Terphenyl-d14	13.039	244	1408518	70.143	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	10555	3.689	ng	93
3) Pyridine	3.575	79	25617	3.413	ng	89
4) n-Nitrosodimethylamine	3.457	42	12775	3.475	ng	# 70
6) Aniline	6.587	93	41403	4.141	ng	95
8) 2-Chlorophenol	6.704	128	25281	3.768	ng	87
9) Benzaldehyde	6.475	77	23957	4.664	ng	99
10) Phenol	6.557	94	32461	3.807	ng	# 55
11) bis(2-Chloroethyl)ether	6.657	93	25431	3.803	ng	98
12) 1,3-Dichlorobenzene	6.863	146	27993	3.868	ng	96
13) 1,4-Dichlorobenzene	6.939	146	27362	3.729	ng	98
14) 1,2-Dichlorobenzene	7.092	146	26465	3.782	ng	95
15) Benzyl Alcohol	7.057	79	23468	3.301	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.192	45	36430	3.460	ng	98
17) 2-Methylphenol	7.157	107	21783	3.752	ng	# 91
18) Hexachloroethane	7.434	117	10671	3.794	ng	# 92
19) n-Nitroso-di-n-propyla...	7.322	70	20959	3.855	ng	# 97
20) 3+4-Methylphenols	7.310	107	28458	3.775	ng	# 73
22) Acetophenone	7.322	105	41999	4.131	ng	98
24) Nitrobenzene	7.498	77	32809	4.060	ng	# 95
25) Isophorone	7.733	82	56226	3.972	ng	# 97
26) 2-Nitrophenol	7.816	139	12676	3.684	ng	# 86
27) 2,4-Dimethylphenol	7.845	122	23917	4.231	ng	92
28) bis(2-Chloroethoxy)met...	7.945	93	31412	3.660	ng	98
29) 2,4-Dichlorophenol	8.051	162	19407	3.652	ng	96
30) 1,2,4-Trichlorobenzene	8.139	180	22346	3.761	ng	99
31) Naphthalene	8.222	128	79482	3.943	ng	98
32) Benzoic acid	7.898	122	8307	2.072	ng	91
33) 4-Chloroaniline	8.269	127	31596	3.983	ng	97
34) Hexachlorobutadiene	8.333	225	13202	3.806	ng	95
35) Caprolactam	8.604	113	6393	3.445	ng	# 86
36) 4-Chloro-3-methylphenol	8.739	107	26420	3.890	ng	93
37) 2-Methylnaphthalene	8.916	142	49641	3.796	ng	93
38) 1-Methylnaphthalene	9.016	142	49128	3.923	ng	96
40) 1,2,4,5-Tetrachloroben...	9.075	216	21178	3.928	ng	98
41) Hexachlorocyclopentadiene	9.063	237	9379	3.207	ng	96
43) 2,4,6-Trichlorophenol	9.186	196	14407	3.643	ng	91

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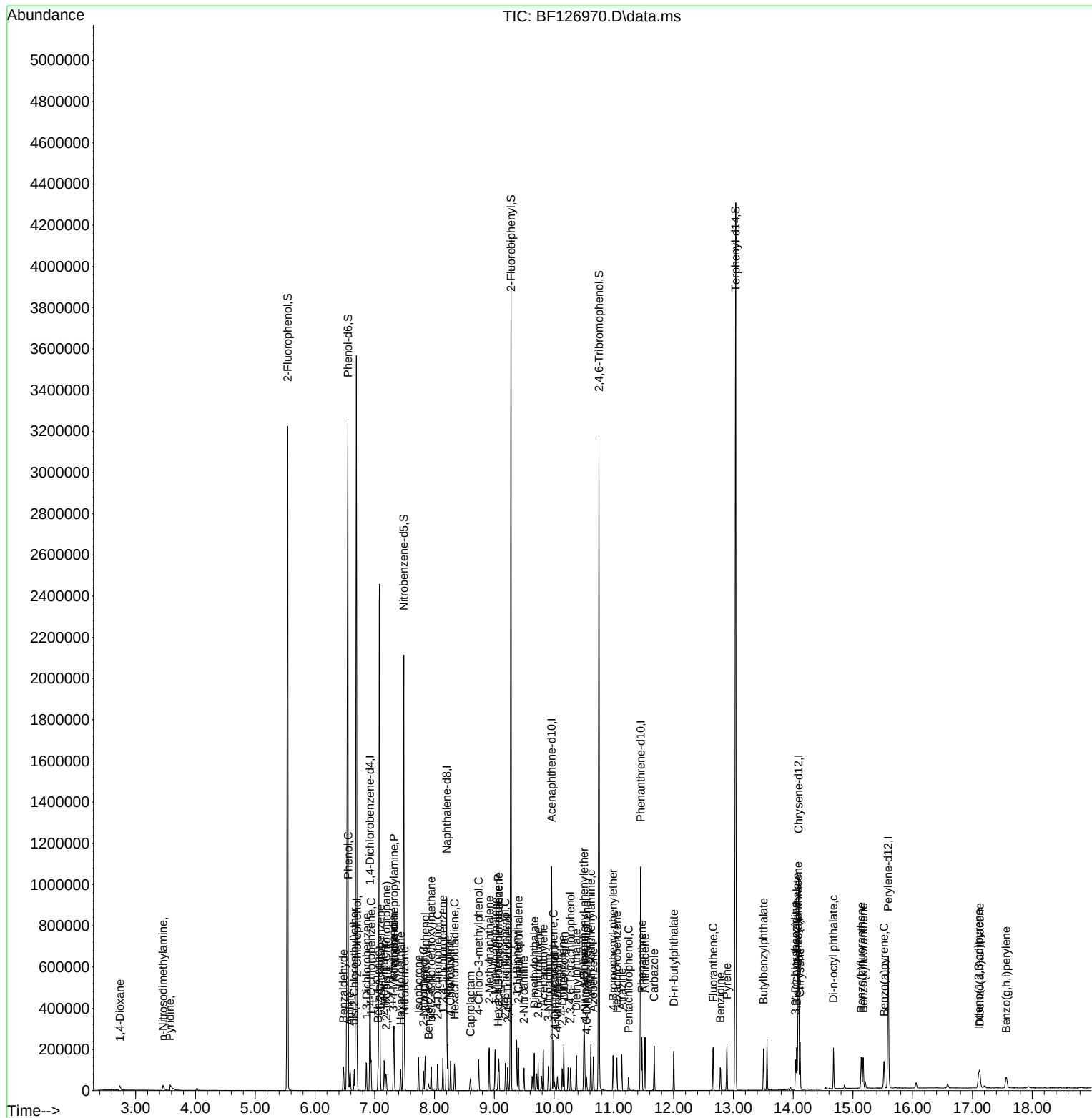
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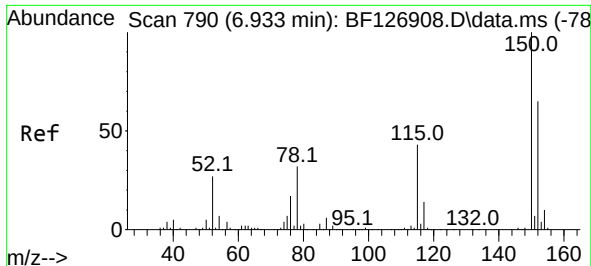
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	14610	3.511	ng	91
46) 1,1'-Biphenyl	9.375	154	66335	4.088	ng	97
47) 2-Chloronaphthalene	9.404	162	45450	3.777	ng	95
48) 2-Nitroaniline	9.498	65	16132	3.397	ng	95
49) Acenaphthylene	9.822	152	77320	3.955	ng	97
50) Dimethylphthalate	9.669	163	54765	3.740	ng	99
51) 2,6-Dinitrotoluene	9.733	165	11069	3.716	ng	# 85
52) Acenaphthene	9.992	154	48073	3.781	ng	99
53) 3-Nitroaniline	9.904	138	12790	3.513	ng	# 99
54) 2,4-Dinitrophenol	10.010	184	3586	2.274	ng	96
55) Dibenzofuran	10.163	168	67432	3.857	ng	94
56) 4-Nitrophenol	10.057	139	9301	3.458	ng	# 86
57) 2,4-Dinitrotoluene	10.139	165	14265	3.542	ng	# 91
58) Fluorene	10.504	166	53198	3.907	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	11305	3.427	ng	97
60) Diethylphthalate	10.374	149	57254	3.742	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	24823	3.866	ng	98
62) 4-Nitroaniline	10.516	138	12894	3.586	ng	# 82
63) Azobenzene	10.657	77	62185	3.650	ng	96
65) 4,6-Dinitro-2-methylph...	10.545	198	5828	2.647	ng	93
66) n-Nitrosodiphenylamine	10.616	169	45859	3.733	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	14920	3.564	ng	# 85
68) Hexachlorobenzene	11.051	284	16717	3.710	ng	# 92
69) Atrazine	11.133	200	14693	3.856	ng	96
70) Pentachlorophenol	11.245	266	7415	3.014	ng	97
71) Phenanthrene	11.469	178	82159	3.918	ng	99
72) Anthracene	11.521	178	81304	3.895	ng	98
73) Carbazole	11.674	167	69936	3.653	ng	97
74) Di-n-butylphthalate	12.004	149	87595	3.559	ng	100
75) Fluoranthene	12.663	202	80858	4.061	ng	91
77) Benzidine	12.780	184	38062	4.745	ng	98
78) Pyrene	12.892	202	82983	3.236	ng	99
80) Butylbenzylphthalate	13.504	149	36564	3.012	ng	94
81) Benzo(a)anthracene	14.080	228	73049	3.671	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	24251	3.867	ng	95
83) Chrysene	14.115	228	67948	3.631	ng	97
84) Bis(2-ethylhexyl)phtha...	14.063	149	50776	3.185	ng	# 96
85) Di-n-octyl phthalate	14.674	149	80061	3.488	ng	97
87) Indeno(1,2,3-cd)pyrene	17.103	276	53198	3.004	ng	# 87
88) Benzo(b)fluoranthene	15.139	252	63925	3.524	ng	# 96
89) Benzo(k)fluoranthene	15.174	252	64696	3.697	ng	# 93
90) Benzo(a)pyrene	15.521	252	59619	4.207	ng	# 93
91) Dibenzo(a,h)anthracene	17.121	278	46273	3.159	ng	# 90
92) Benzo(g,h,i)perylene	17.562	276	42484	2.942	ng	# 86

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

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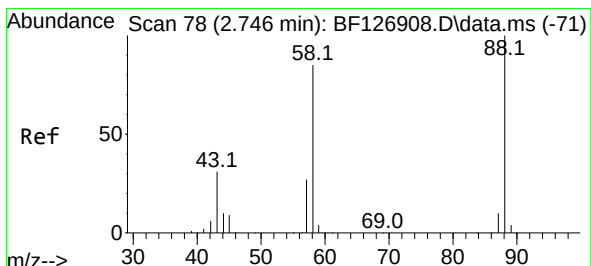
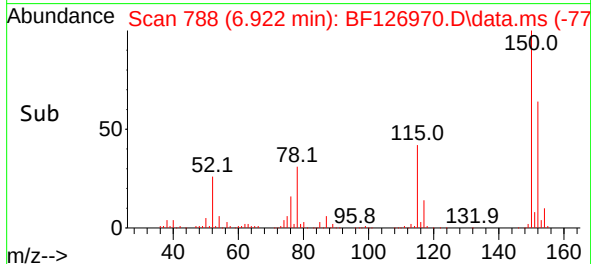
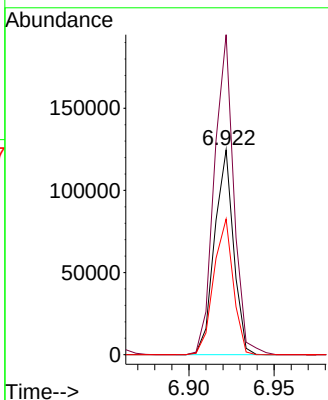
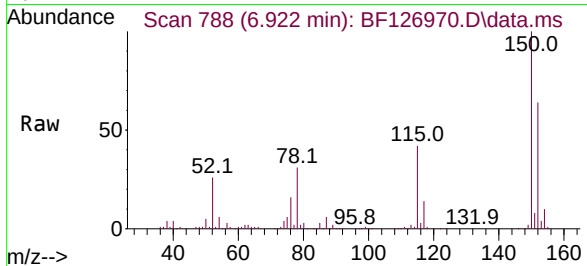




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

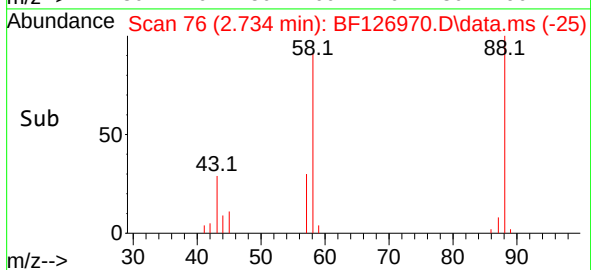
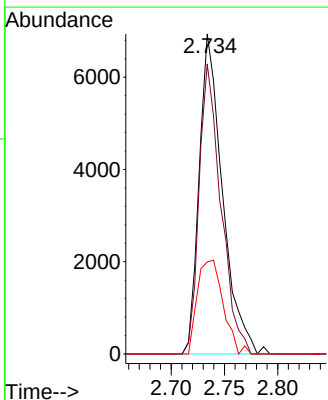
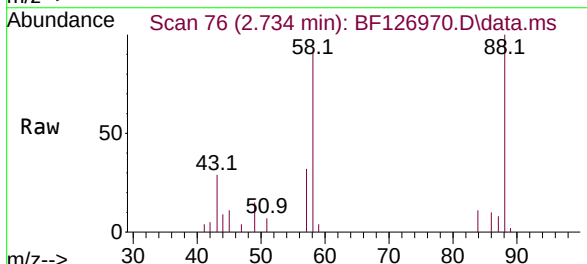
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BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

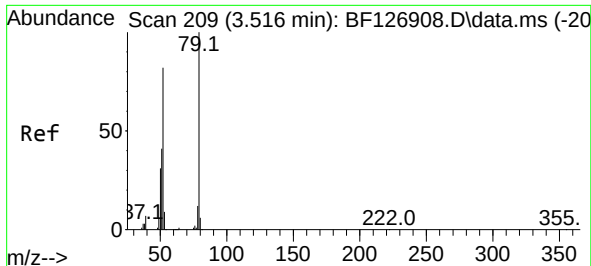
Tgt Ion:152 Resp: 96651
Ion Ratio Lower Upper
152 100
150 156.3 128.1 192.1
115 66.3 56.7 85.1



#2
1,4-Dioxane
Concen: 3.689 ng
RT: 2.734 min Scan# 76
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion: 88 Resp: 10555
Ion Ratio Lower Upper
88 100
58 84.7 62.8 94.2
43 32.5 22.3 33.5





#3

Pyridine

Concen: 3.413 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

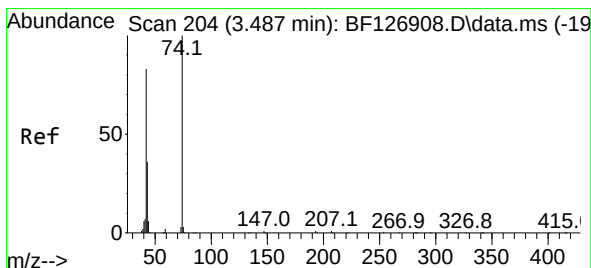
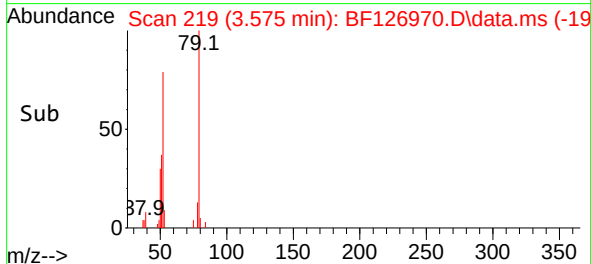
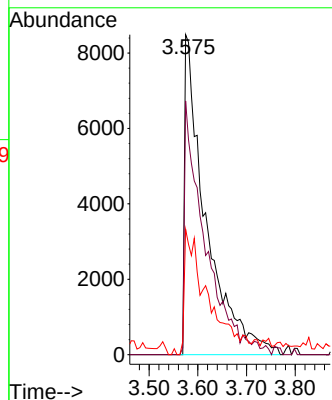
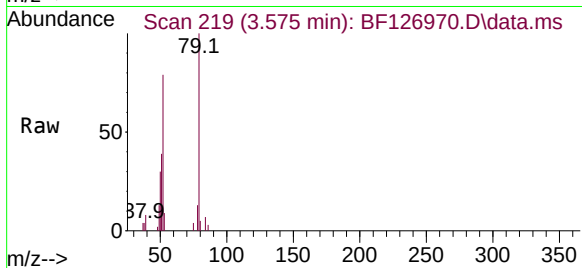
Tgt Ion: 79 Resp: 25617

Ion Ratio Lower Upper

79 100

52 79.3 56.2 84.4

51 39.1 26.7 40.1



#4

n-Nitrosodimethylamine

Concen: 3.475 ng

RT: 3.457 min Scan# 199

Delta R.T. -0.018 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

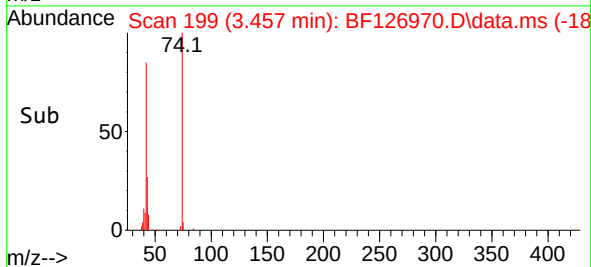
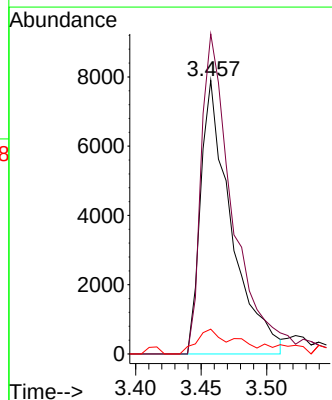
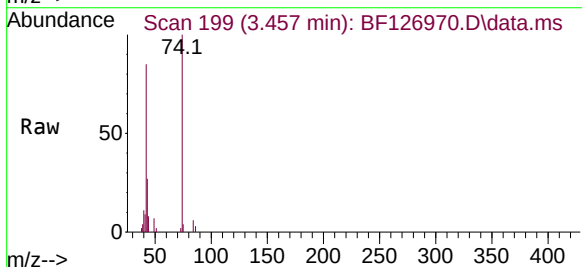
Tgt Ion: 42 Resp: 12775

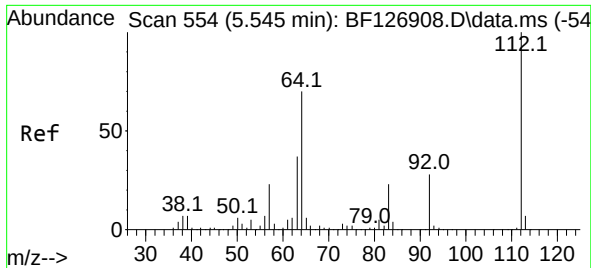
Ion Ratio Lower Upper

42 100

74 117.0 125.6 188.4#

44 9.1 5.7 8.5#

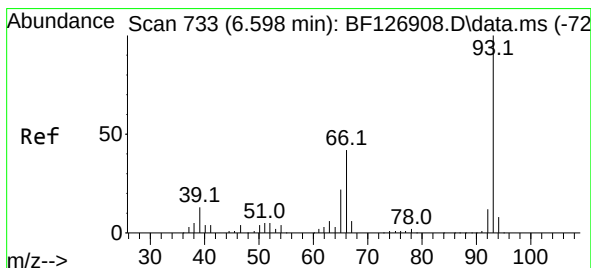
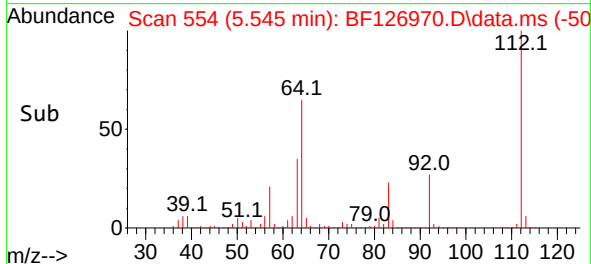
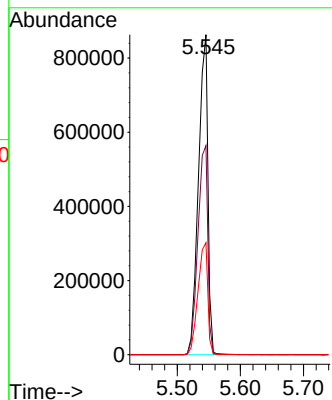
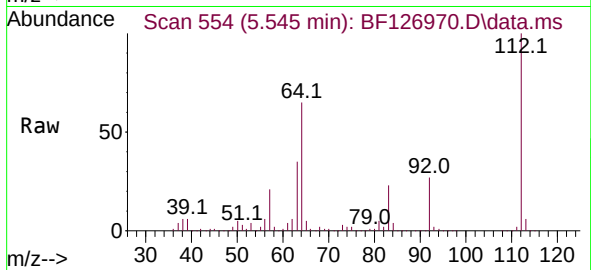




#5
2-Fluorophenol
Concen: 143.060 ng
RT: 5.545 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

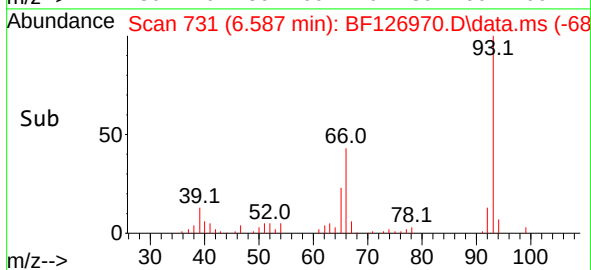
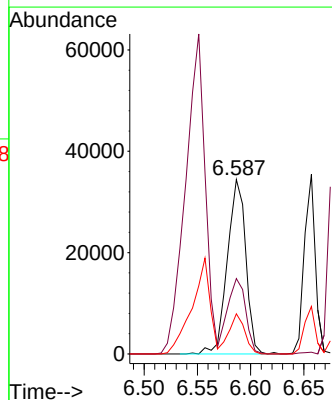
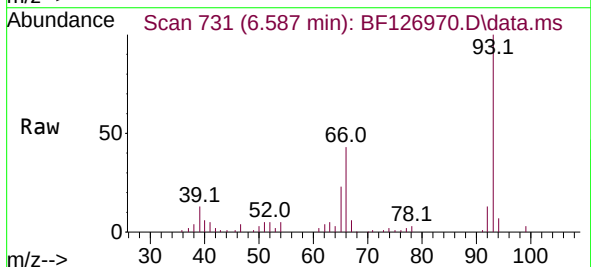
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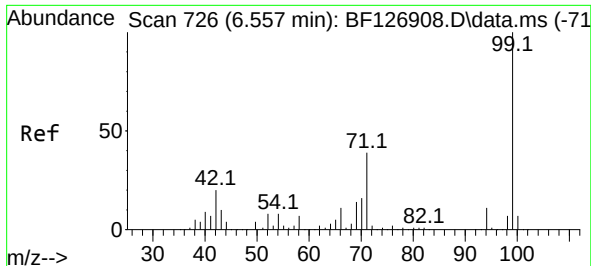
Tgt Ion:112 Resp: 894612
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 35.0 23.9 35.9



#6
Aniline
Concen: 4.141 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion: 93 Resp: 41403
Ion Ratio Lower Upper
93 100
66 43.2 32.2 48.4
65 23.1 16.3 24.5

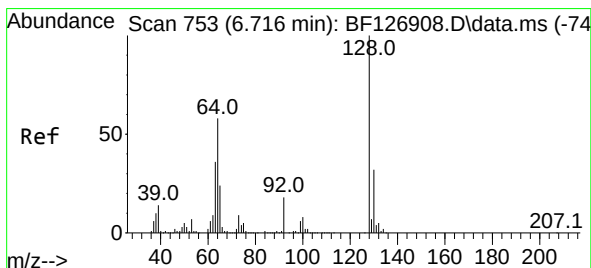
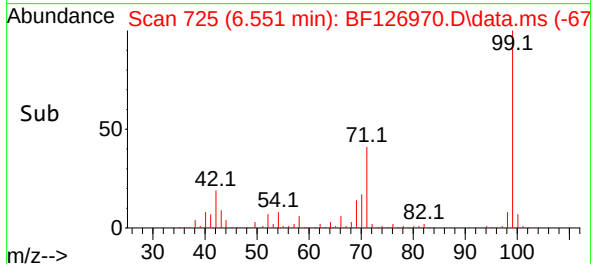
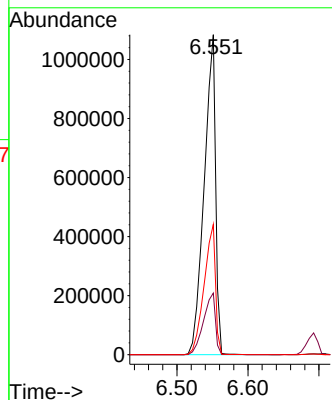
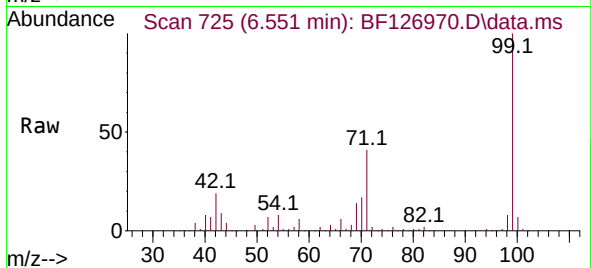




#7
Phenol-d6
Concen: 143.598 ng
RT: 6.551 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

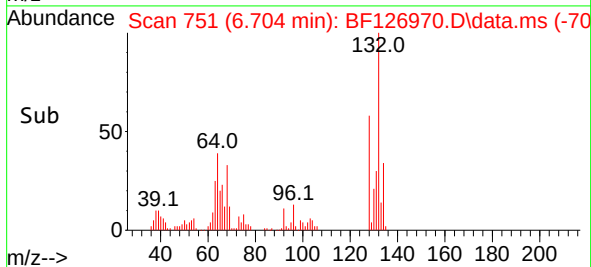
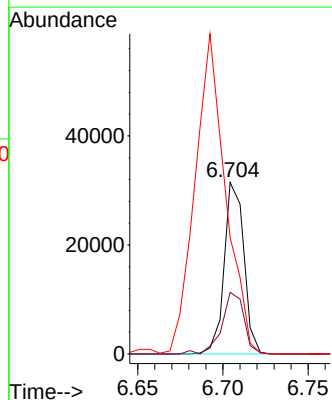
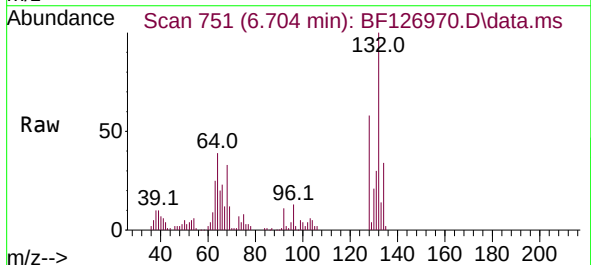
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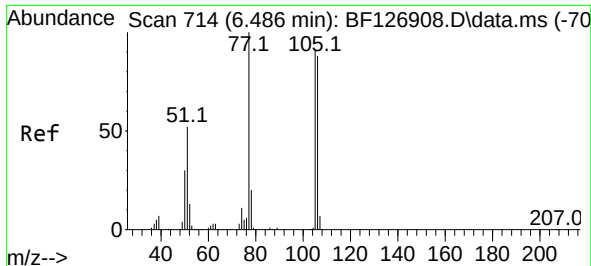
Tgt Ion: 99 Resp: 1211687
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 40.7 24.3 36.5#



#8
2-Chlorophenol
Concen: 3.768 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion: 128 Resp: 25281
Ion Ratio Lower Upper
128 100
130 35.9 12.7 52.7
64 67.8 35.6 75.6

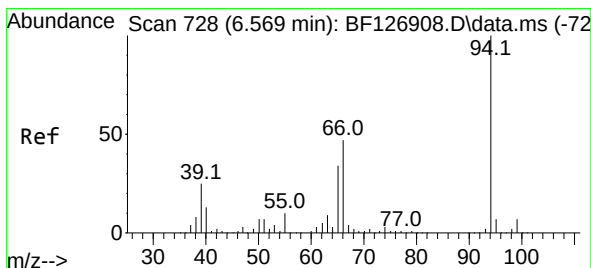
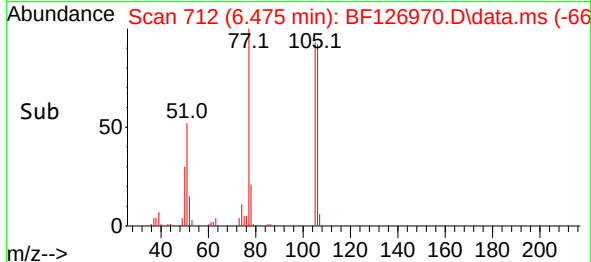
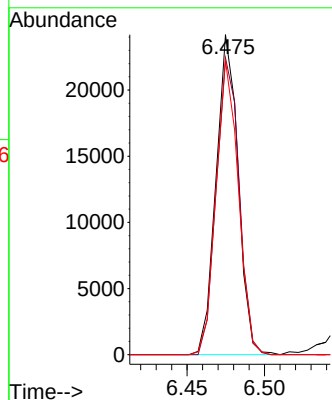
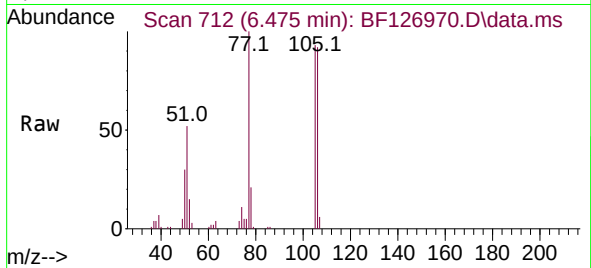




#9
Benzaldehyde
Concen: 4.664 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

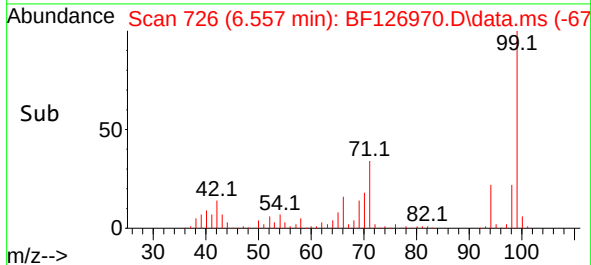
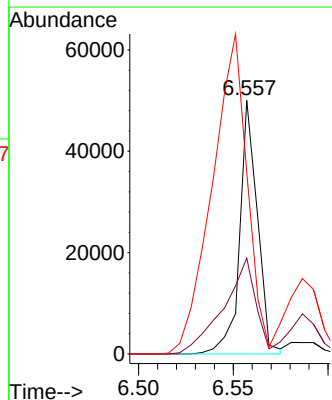
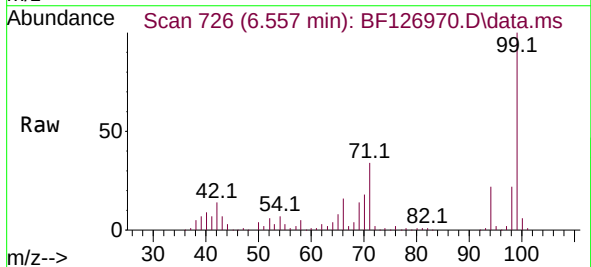
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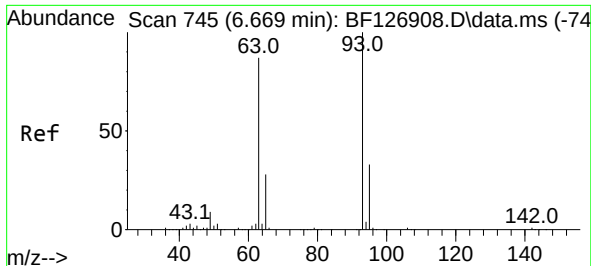
Tgt Ion: 77 Resp: 23957
Ion Ratio Lower Upper
77 100
105 92.8 74.9 114.9
106 91.9 72.4 112.4



#10
Phenol
Concen: 3.807 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion: 94 Resp: 32461
Ion Ratio Lower Upper
94 100
65 37.8 7.2 47.2
66 71.5 14.5 54.5#

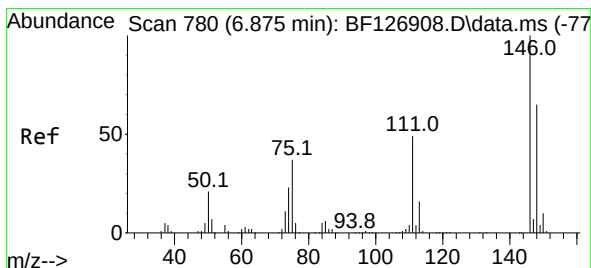
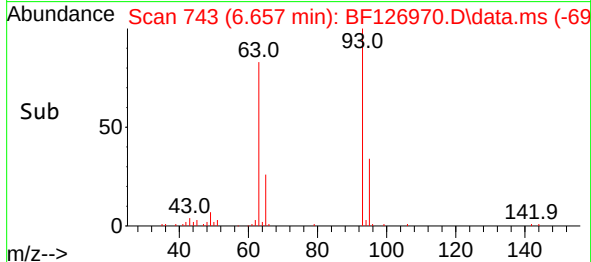
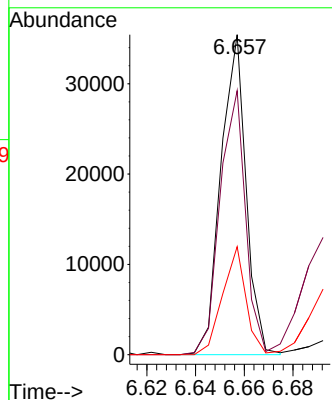
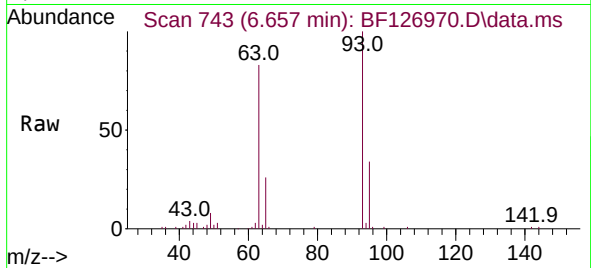




#11
bis(2-Chloroethyl)ether
Concen: 3.803 ng
RT: 6.657 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

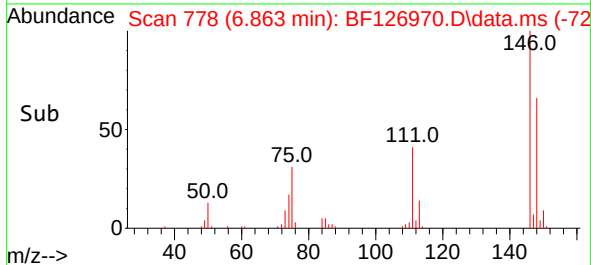
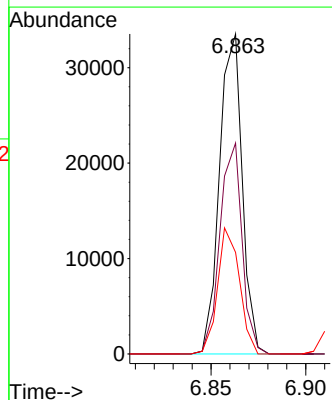
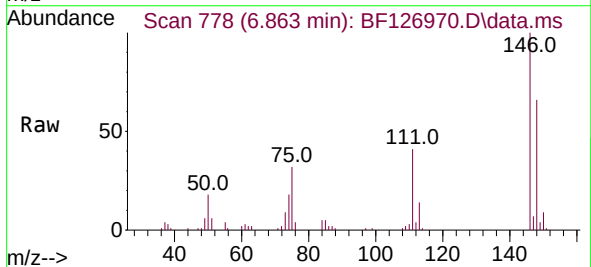
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

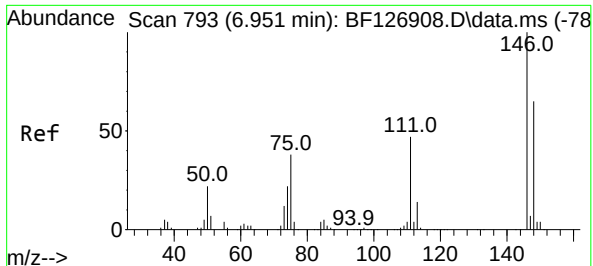
Tgt Ion: 93	Resp: 25431
Ion Ratio	Lower Upper
93 100	
63 82.5	60.5 100.5
95 33.7	12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 3.868 ng
RT: 6.863 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:146	Resp: 27993
Ion Ratio	Lower Upper
146 100	
148 65.9	50.9 76.3
75 31.7	28.4 42.6

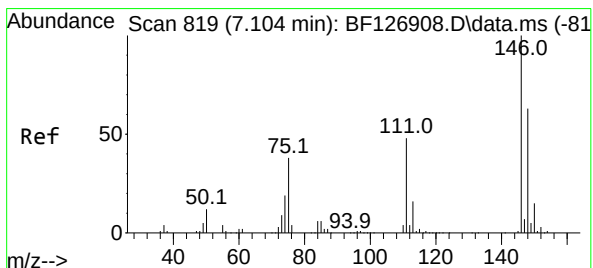
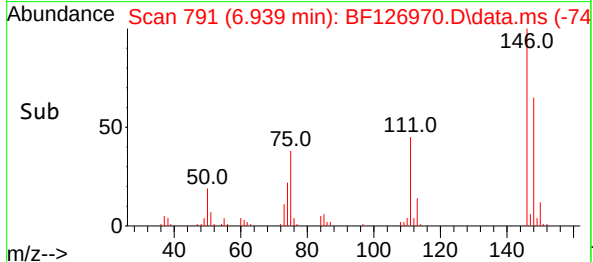
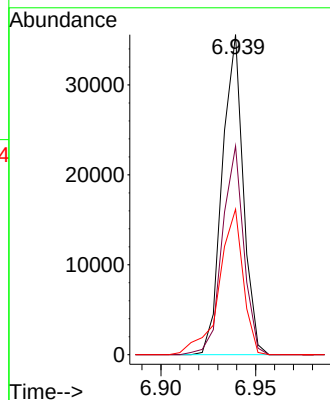
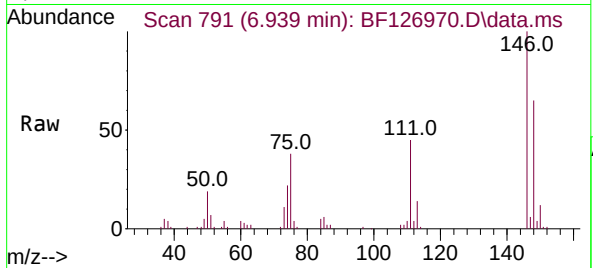




#13
1,4-Dichlorobenzene
Concen: 3.729 ng
RT: 6.939 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

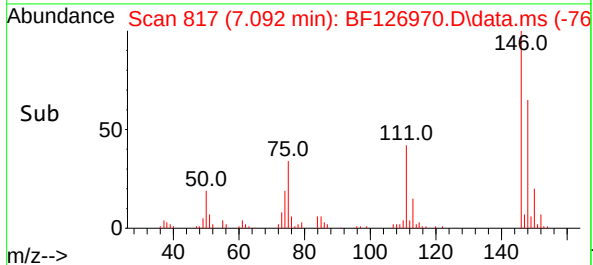
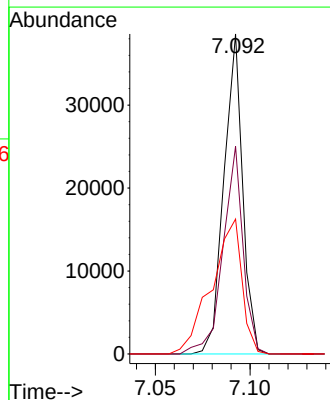
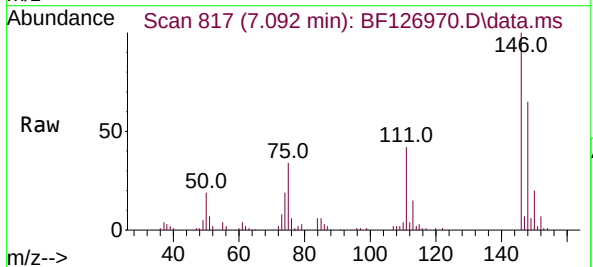
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

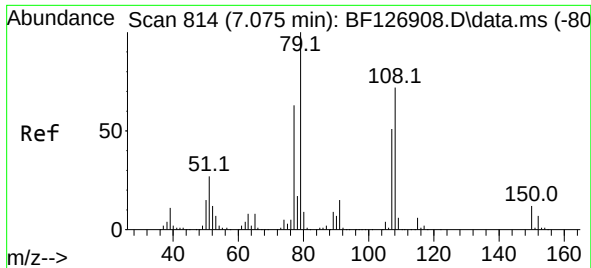
Tgt Ion:146 Resp: 27362
Ion Ratio Lower Upper
146 100
148 65.2 49.8 74.6
111 45.4 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 3.782 ng
RT: 7.092 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:146 Resp: 26465
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 42.2 40.2 60.2

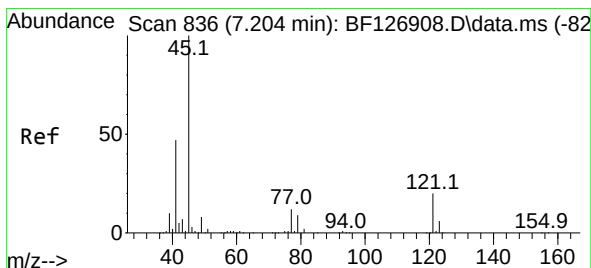
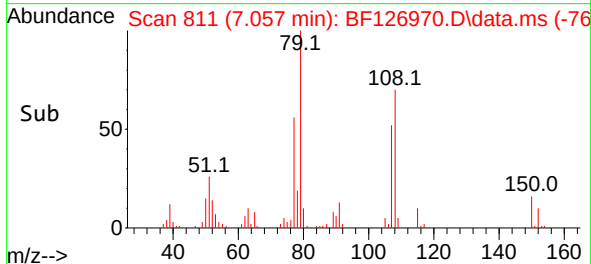
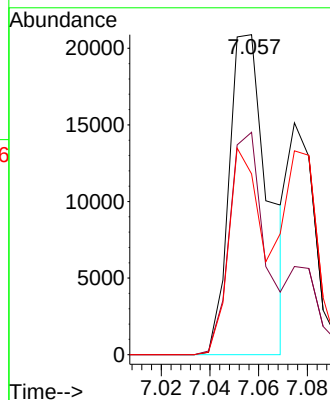
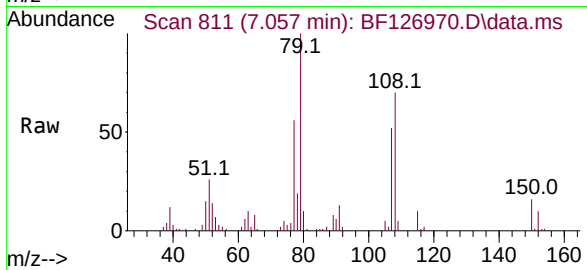




#15
Benzyl Alcohol
Concen: 3.301 ng
RT: 7.057 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

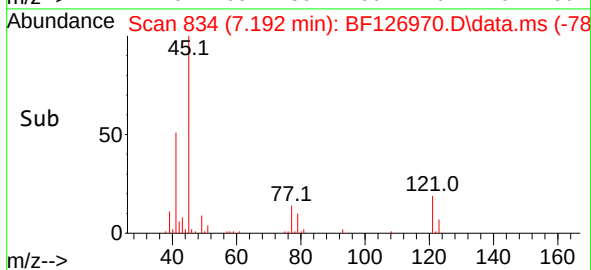
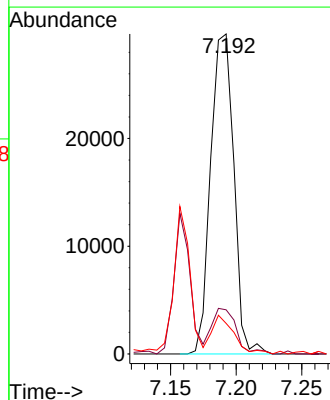
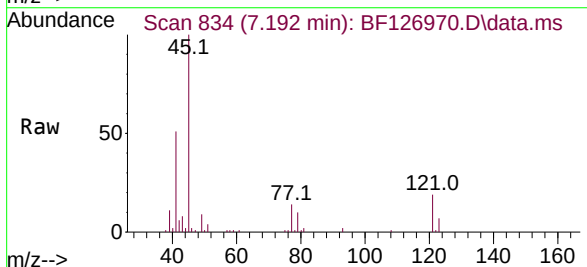
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

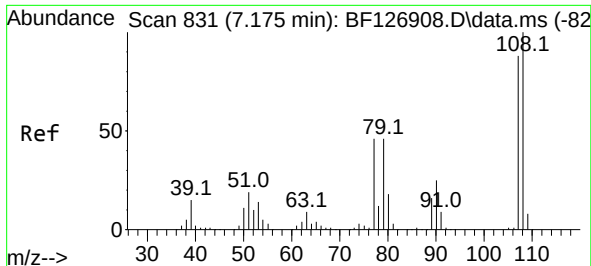
Tgt Ion: 79 Resp: 23468
Ion Ratio Lower Upper
79 100
108 69.5 63.2 94.8
77 56.5 49.4 74.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 3.460 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion: 45 Resp: 36430
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.4
79 9.6 0.0 29.8

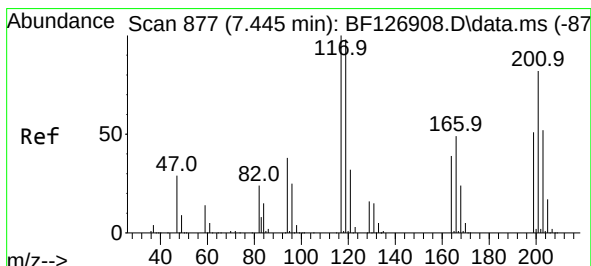
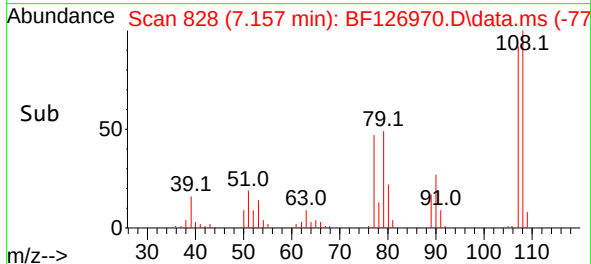
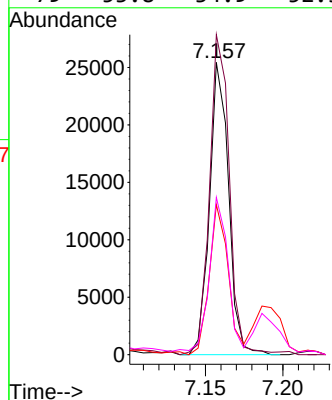
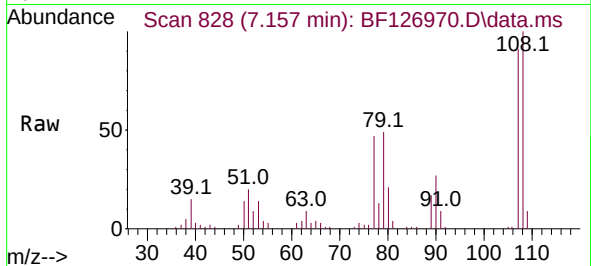




#17
2-Methylphenol
Concen: 3.752 ng
RT: 7.157 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

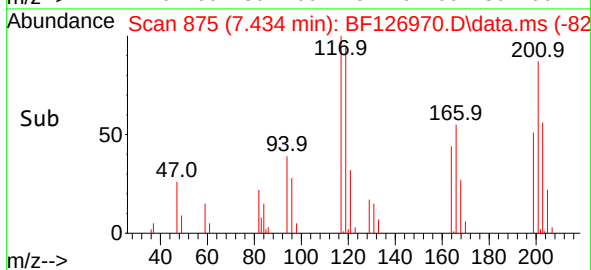
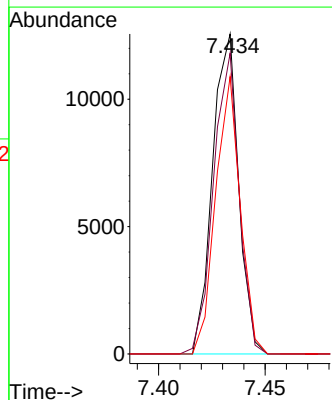
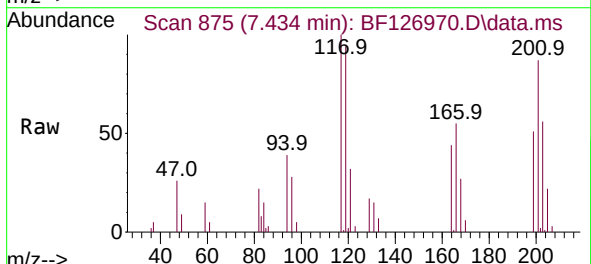
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

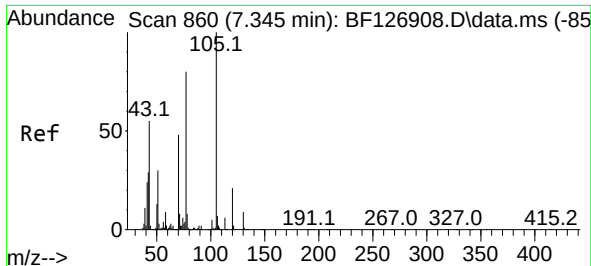
Tgt Ion:	107	Resp:	21783
Ion	Ratio	Lower	Upper
107	100		
108	109.5	93.4	140.0
77	51.3	36.1	54.1
79	53.8	34.9	52.3



#18
Hexachloroethane
Concen: 3.794 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:	117	Resp:	10671
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.4	113.0
201	86.7	56.8	85.2

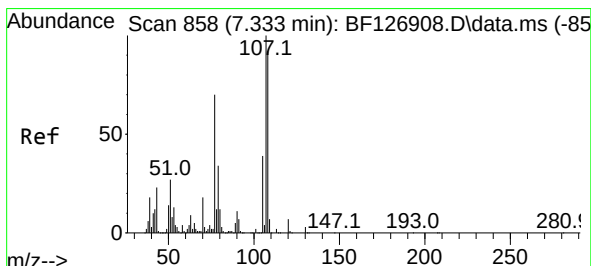
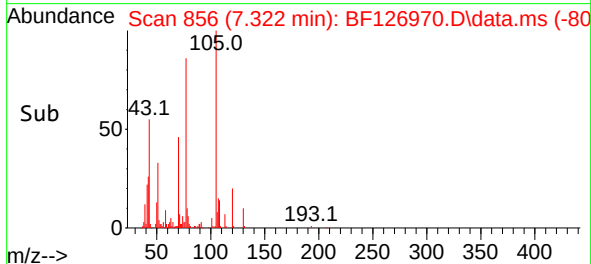
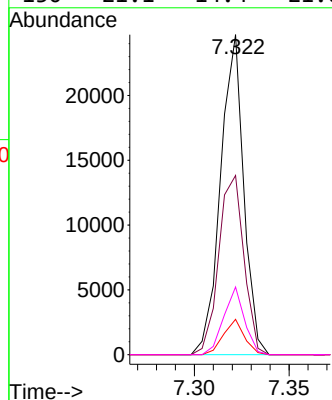
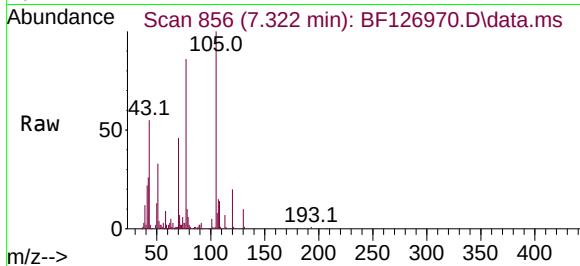




#19
n-Nitroso-di-n-propylamine
Concen: 3.855 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

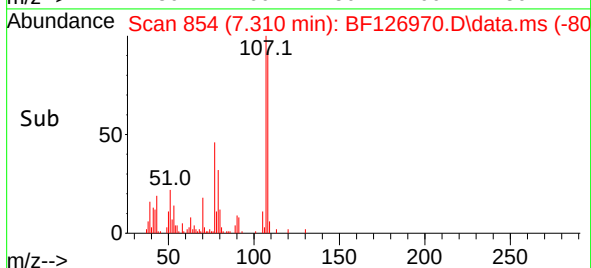
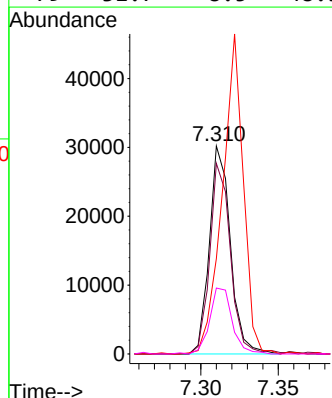
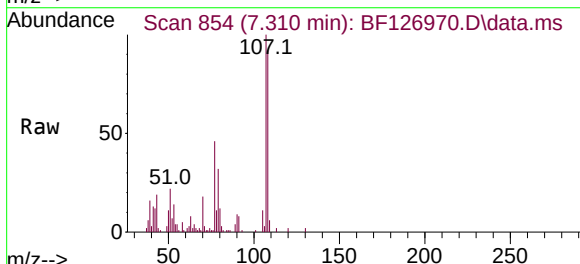
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

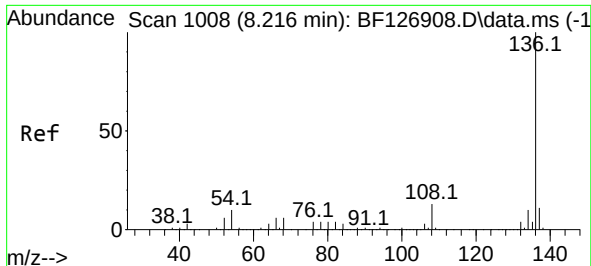
Tgt Ion:	70	Resp:	20959
Ion	Ratio	Lower	Upper
70	100		
42	56.0	45.8	68.8
101	11.0	6.9	10.3
130	21.1	14.4	21.6



#20
3+4-Methylphenols
Concen: 3.775 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

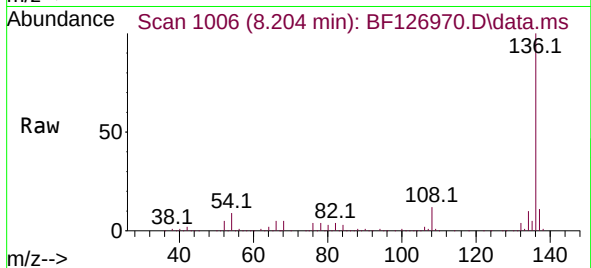
Tgt Ion:	107	Resp:	28458
Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.4	112.4
77	45.8	83.8	123.8
79	31.7	8.5	48.5



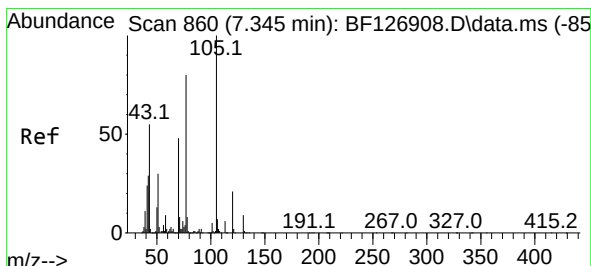
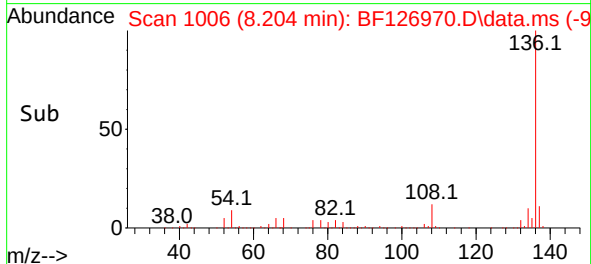
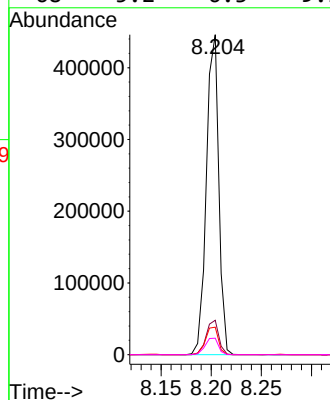


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

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

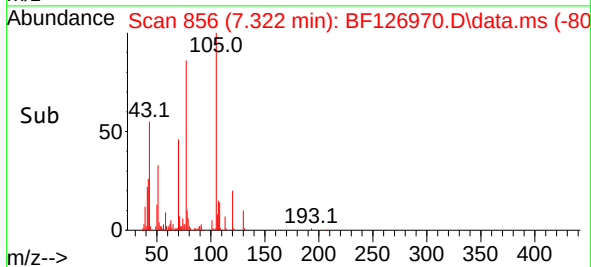
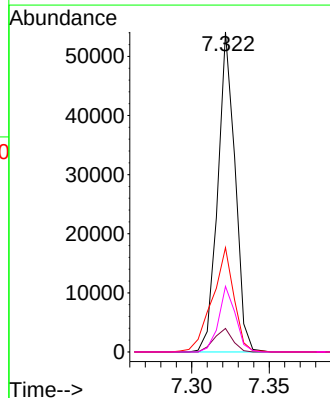
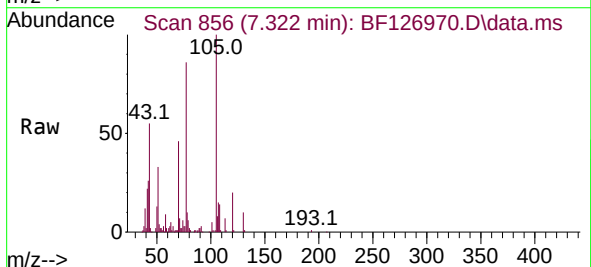


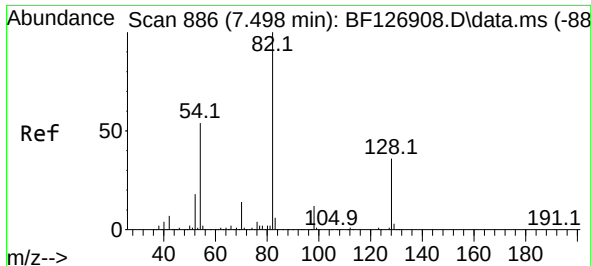
Tgt Ion:136 Resp: 386113
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.8 11.6
68 5.2 6.3 9.5#



#22
Acetophenone
Concen: 4.131 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:105 Resp: 41999
Ion Ratio Lower Upper
105 100
71 7.3 5.4 8.0
51 32.6 27.4 41.0
120 20.5 17.0 25.6

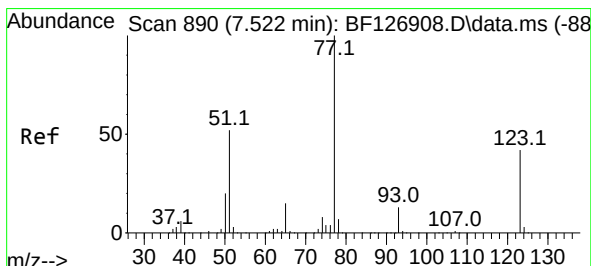
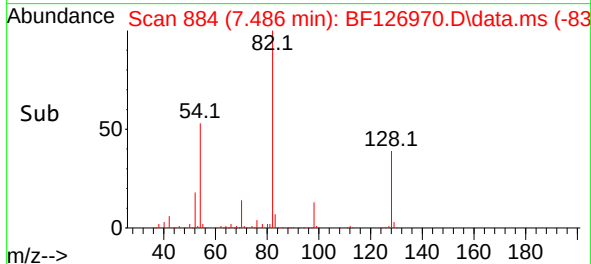
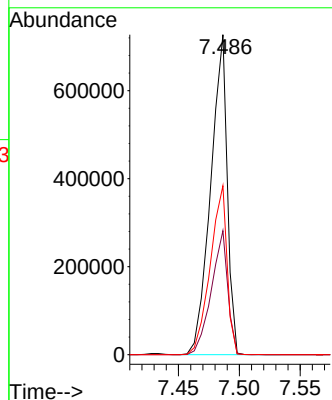
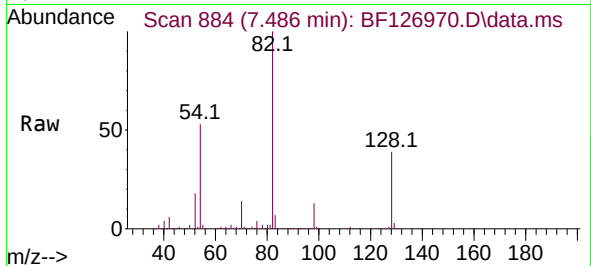




#23
Nitrobenzene-d5
Concen: 80.305 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

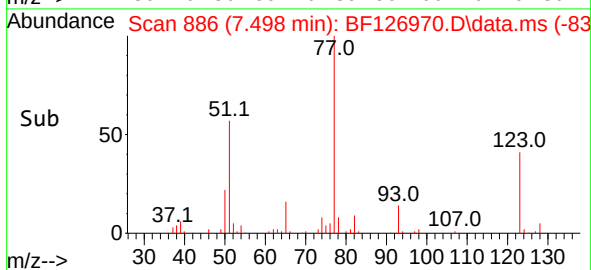
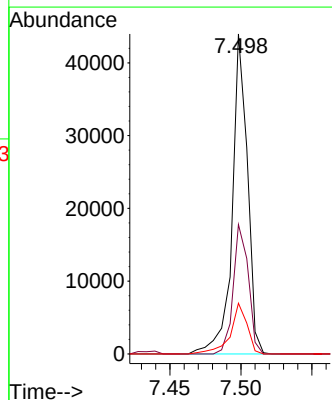
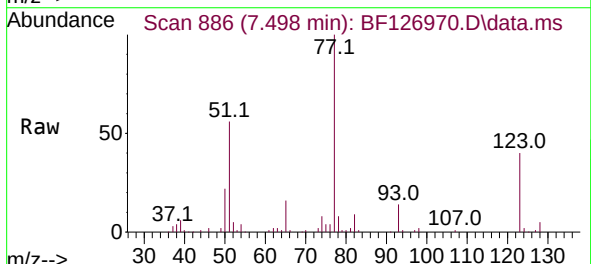
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

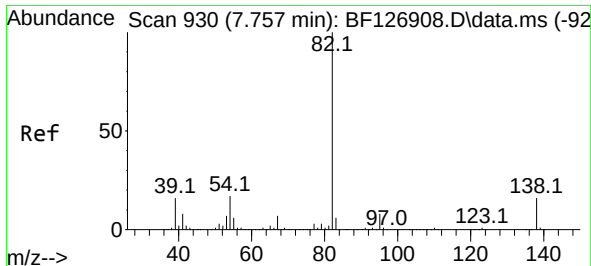
Tgt Ion: 82 Resp: 686942
Ion Ratio Lower Upper
82 100
128 38.8 32.7 49.1
54 52.8 41.7 62.5



#24
Nitrobenzene
Concen: 4.060 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion: 77 Resp: 32809
Ion Ratio Lower Upper
77 100
123 40.5 34.6 52.0
65 15.9 10.6 15.8#

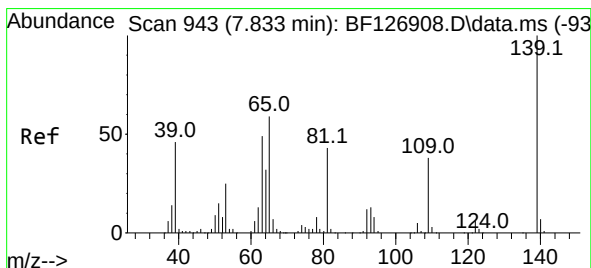
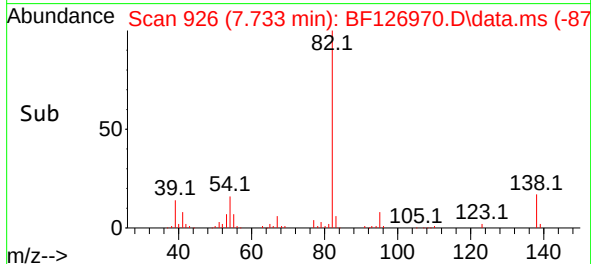
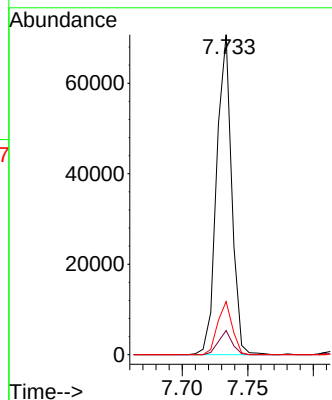
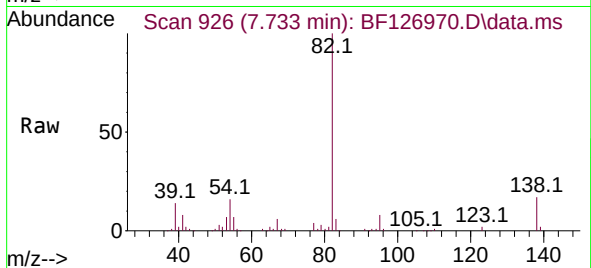




#25
Isophorone
Concen: 3.972 ng
RT: 7.733 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

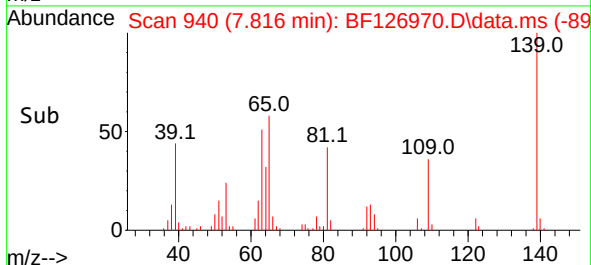
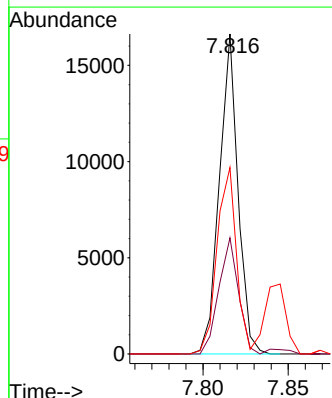
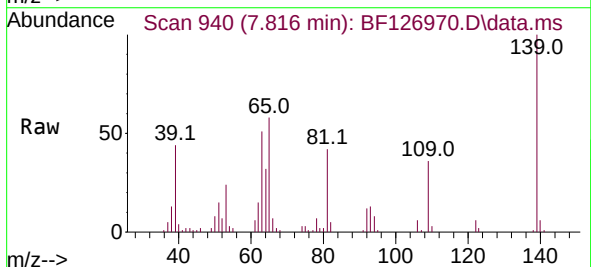
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

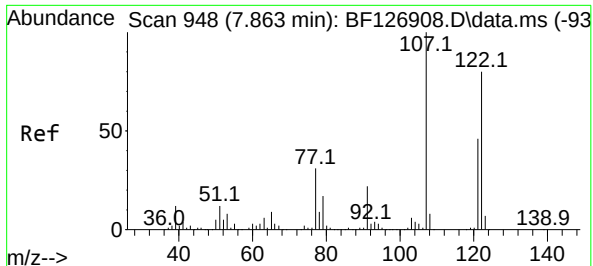
Tgt Ion: 82 Resp: 56226
Ion Ratio Lower Upper
82 100
95 7.6 5.0 7.4#
138 16.6 12.3 18.5



#26
2-Nitrophenol
Concen: 3.684 ng
RT: 7.816 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion: 139 Resp: 12676
Ion Ratio Lower Upper
139 100
109 36.3 20.0 30.0#
65 58.2 40.8 61.2

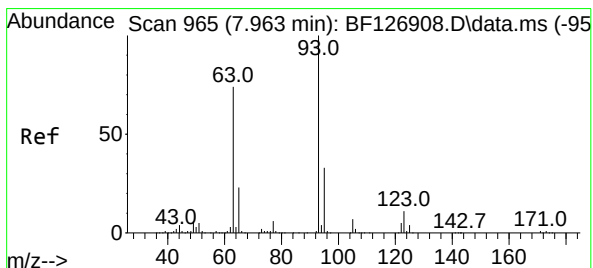
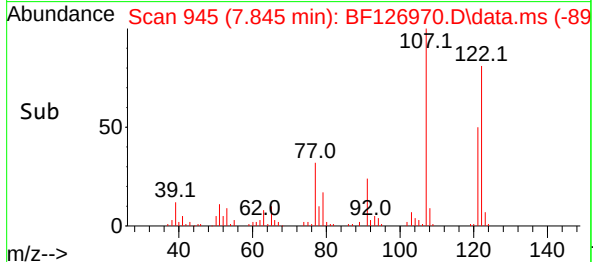
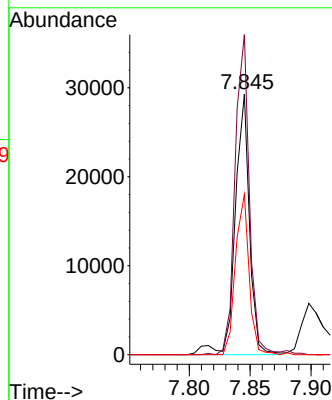
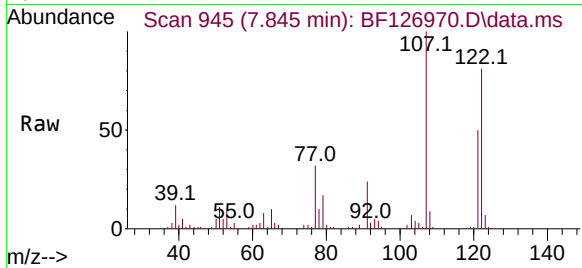




#27
 2,4-Dimethylphenol
 Concen: 4.231 ng
 RT: 7.845 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BF126970.D
 Acq: 21 Feb 2022 13:34

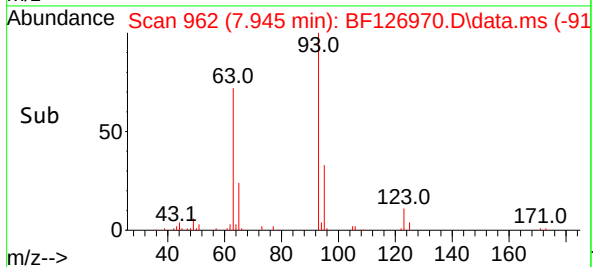
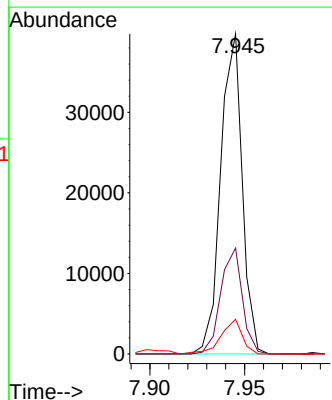
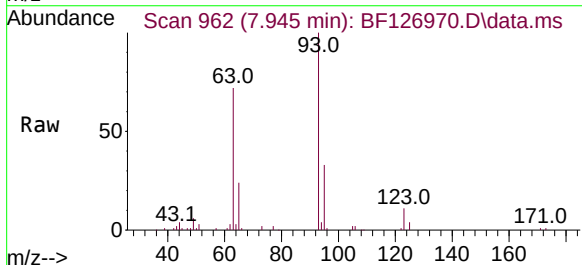
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

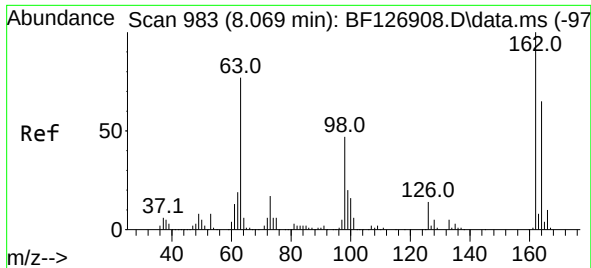
Tgt Ion:	122	Resp:	23917
Ion	Ratio	Lower	Upper
122	100		
107	122.9	91.2	136.8
121	61.5	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.660 ng
 RT: 7.945 min Scan# 962
 Delta R.T. -0.006 min
 Lab File: BF126970.D
 Acq: 21 Feb 2022 13:34

Tgt Ion:	93	Resp:	31412
Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.4	38.2
123	10.8	8.9	13.3

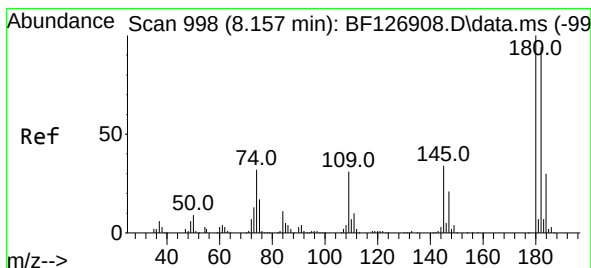
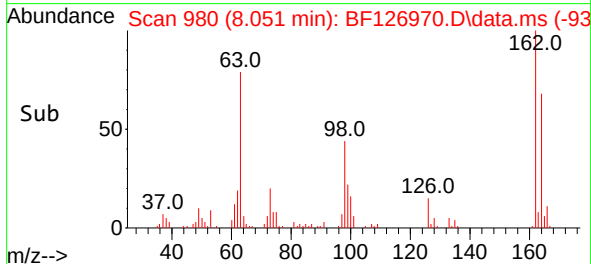
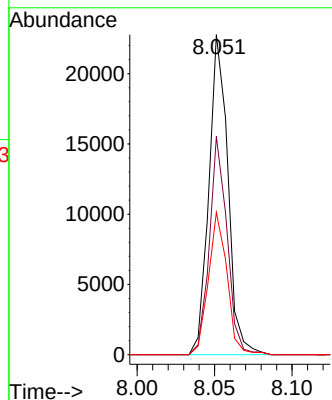
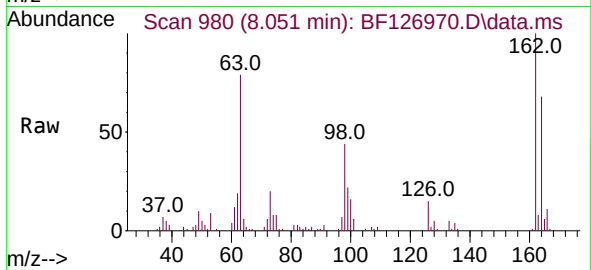




#29
2,4-Dichlorophenol
Concen: 3.652 ng
RT: 8.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

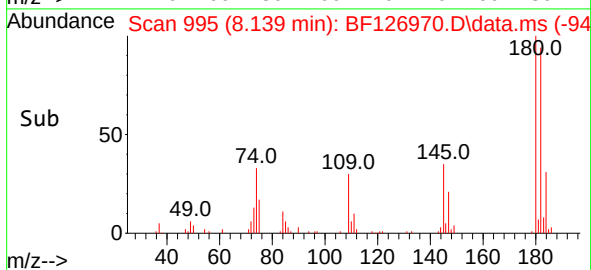
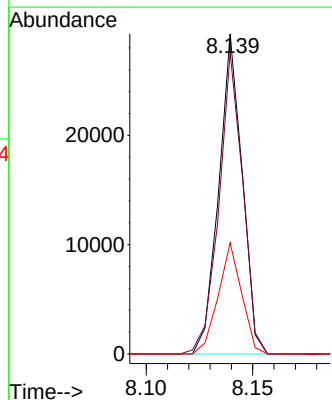
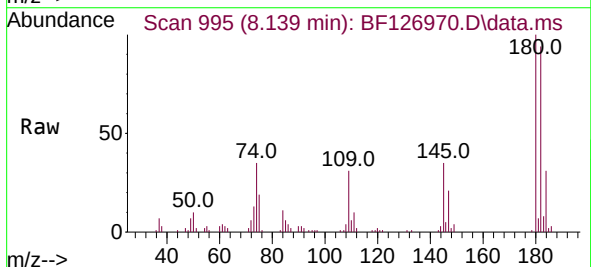
Instrument :
BNA_F
ClientSampleId :
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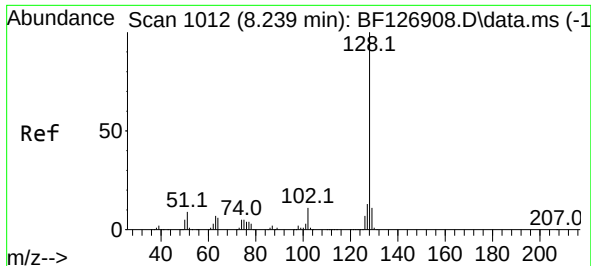
Tgt Ion:162	Resp:	19407
Ion Ratio	Lower	Upper
162	100	
164	68.2	43.8 83.8
98	44.4	23.6 63.6



#30
1,2,4-Trichlorobenzene
Concen: 3.761 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:180	Resp:	22346
Ion Ratio	Lower	Upper
180	100	
182	94.3	75.5 113.3
145	34.8	26.2 39.2

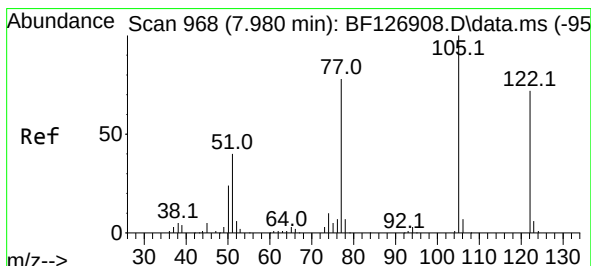
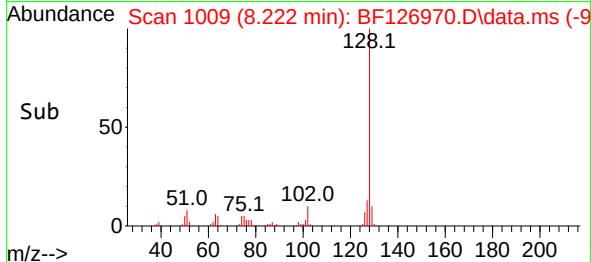
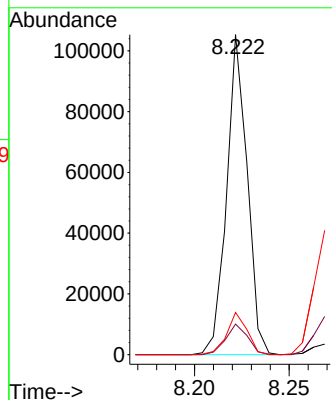
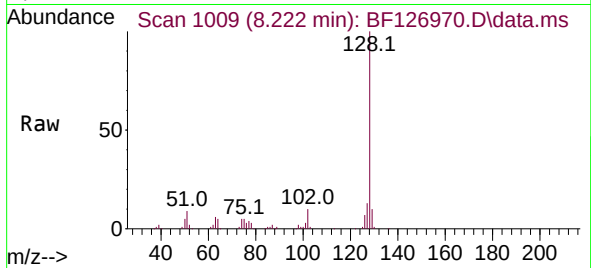




#31
Naphthalene
Concen: 3.943 ng
RT: 8.222 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

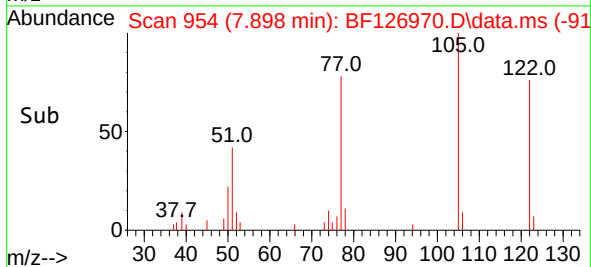
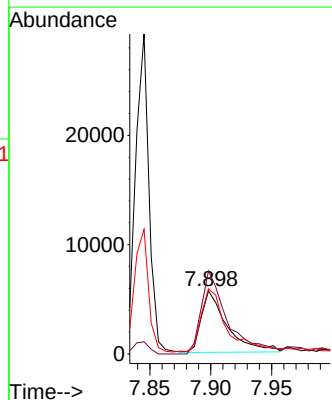
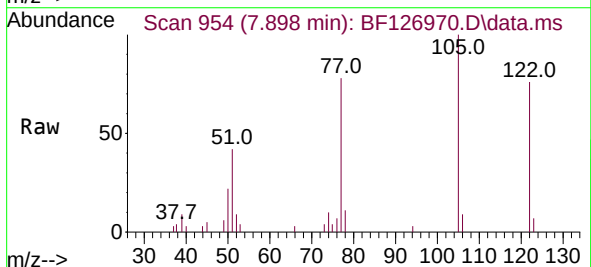
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

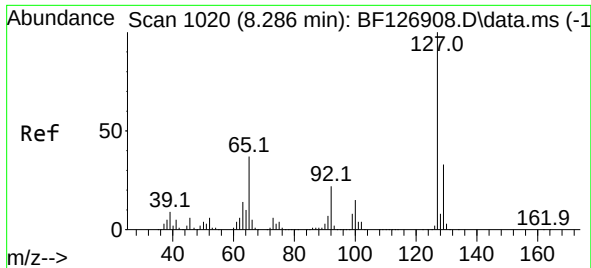
Tgt Ion:128 Resp: 79482
Ion Ratio Lower Upper
128 100
129 9.5 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 2.072 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.071 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:122 Resp: 8307
Ion Ratio Lower Upper
122 100
105 131.6 101.0 141.0
77 103.1 74.5 114.5

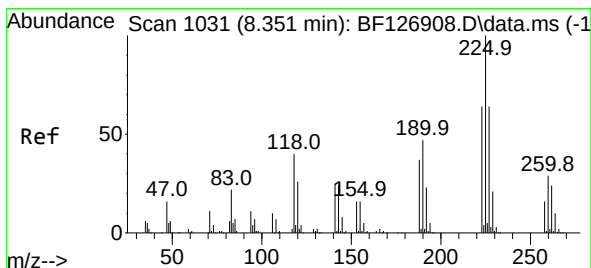
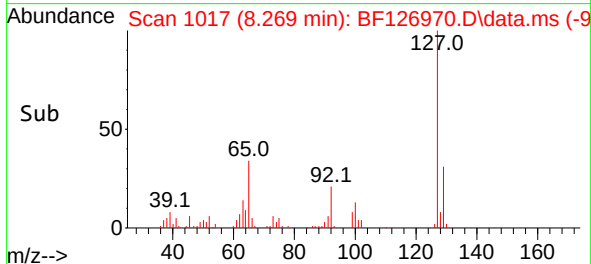
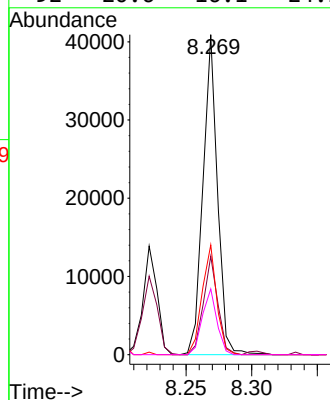
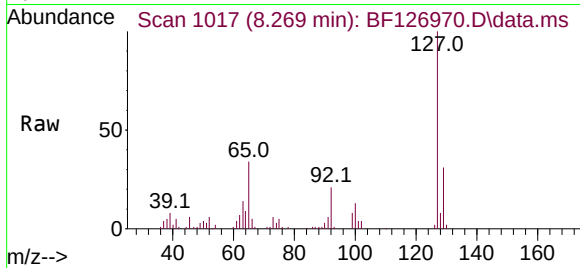




#33
4-Chloroaniline
Concen: 3.983 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

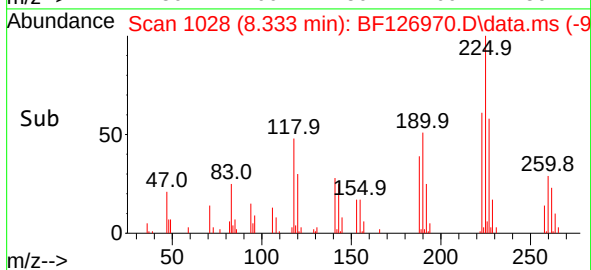
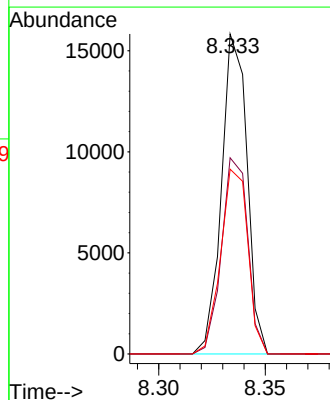
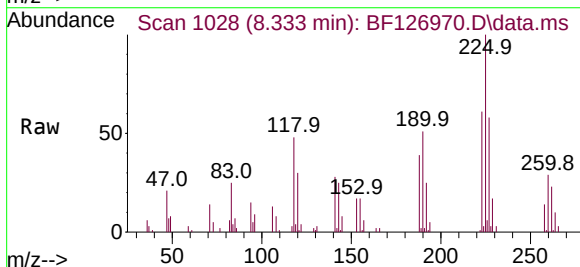
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

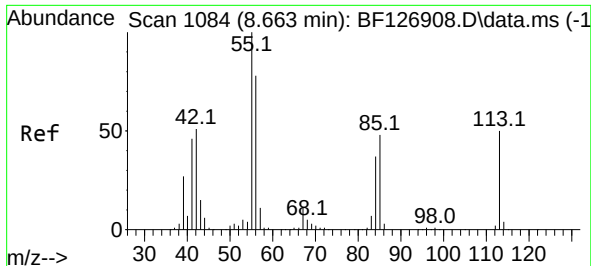
Tgt Ion:	127	Resp:	31596
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.5	39.7
65	34.3	26.6	39.8
92	20.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 3.806 ng
RT: 8.333 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:	225	Resp:	13202
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.6	73.0
227	57.8	51.4	77.0

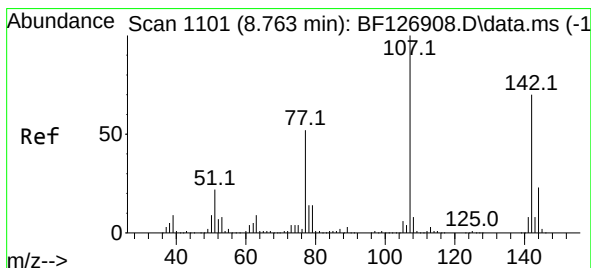
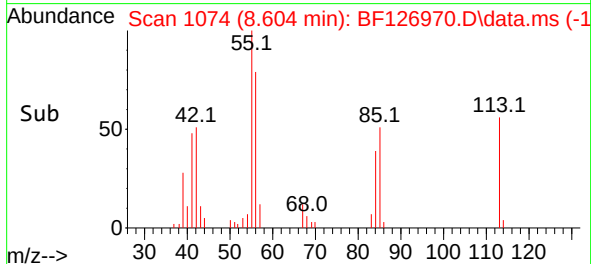
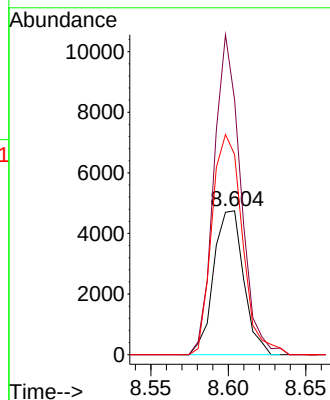
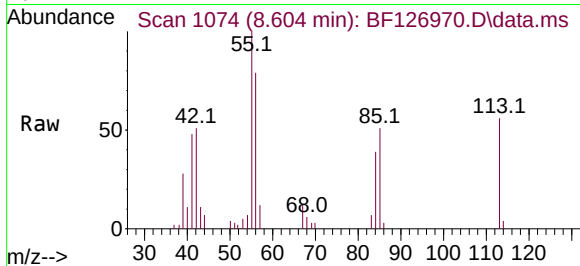




#35
 Caprolactam
 Concen: 3.445 ng
 RT: 8.604 min Scan# 1097
 Delta R.T. -0.047 min
 Lab File: BF126970.D
 Acq: 21 Feb 2022 13:34

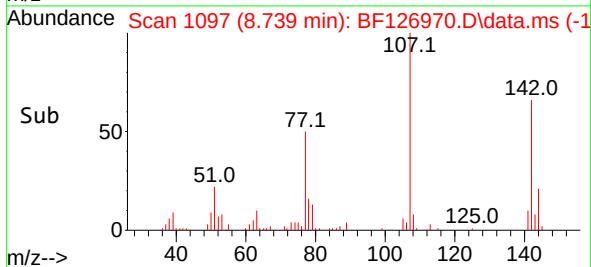
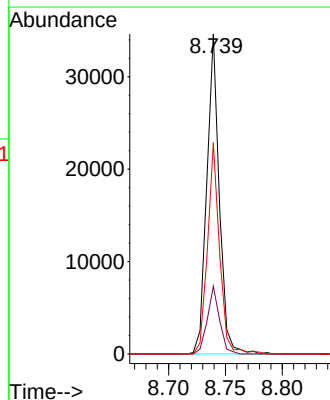
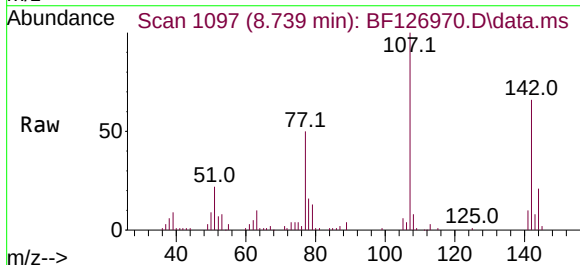
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

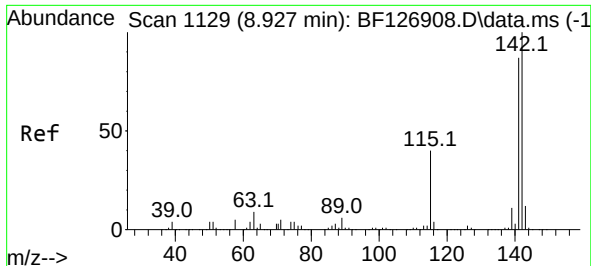
Tgt Ion:113 Resp: 6393
 Ion Ratio Lower Upper
 113 100
 55 177.2 183.9 223.9#
 56 139.2 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 3.890 ng
 RT: 8.739 min Scan# 1097
 Delta R.T. -0.012 min
 Lab File: BF126970.D
 Acq: 21 Feb 2022 13:34

Tgt Ion:107 Resp: 26420
 Ion Ratio Lower Upper
 107 100
 144 21.2 18.5 27.7
 142 66.0 58.1 87.1





#37

2-Methylnaphthalene

Concen: 3.796 ng

RT: 8.916 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

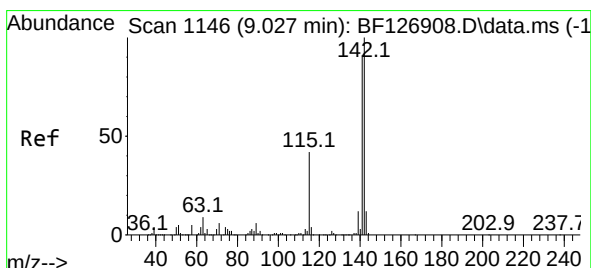
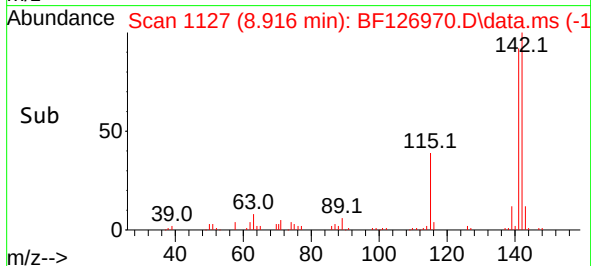
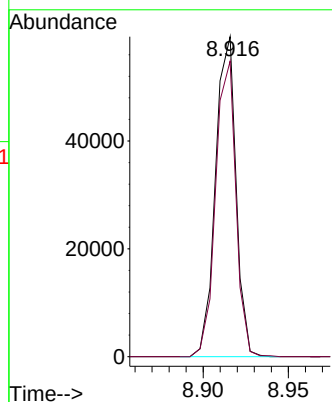
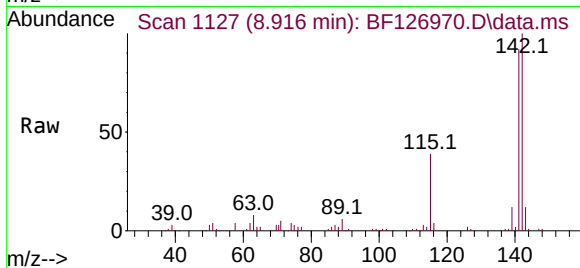
MDL-SOIL-03-QT4-2021

Tgt Ion:142 Resp: 49641

Ion Ratio Lower Upper

142 100

141 92.3 68.6 102.8



#38

1-Methylnaphthalene

Concen: 3.923 ng

RT: 9.016 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF126970.D

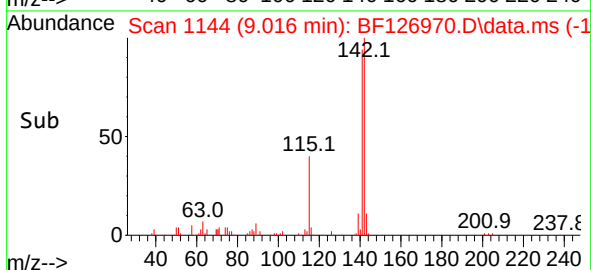
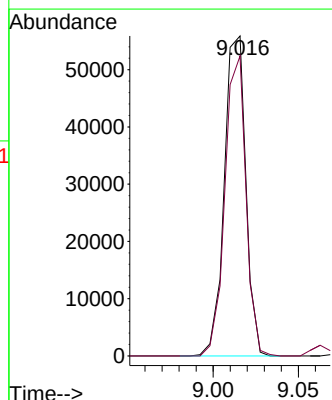
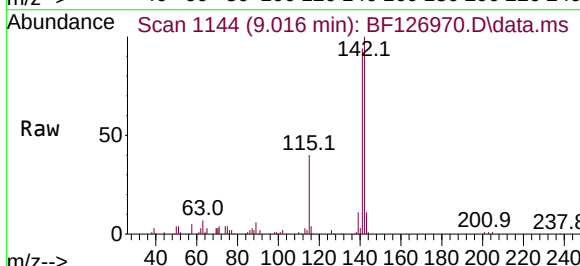
Acq: 21 Feb 2022 13:34

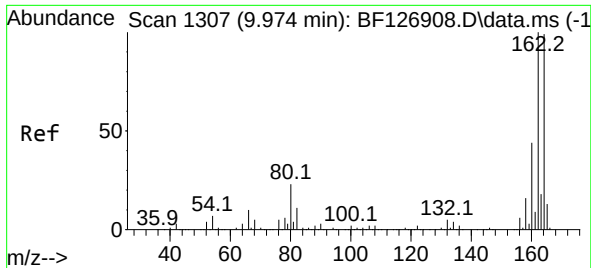
Tgt Ion:142 Resp: 49128

Ion Ratio Lower Upper

142 100

141 93.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

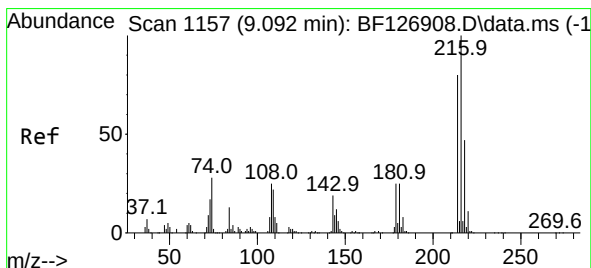
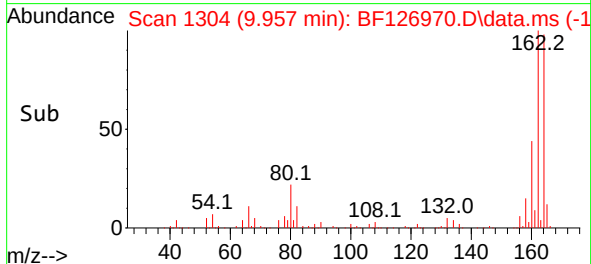
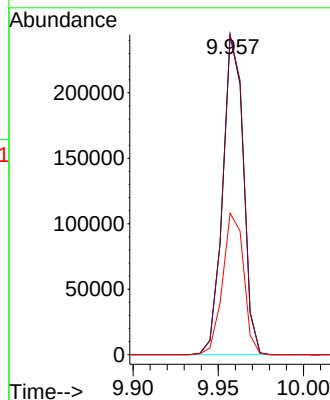
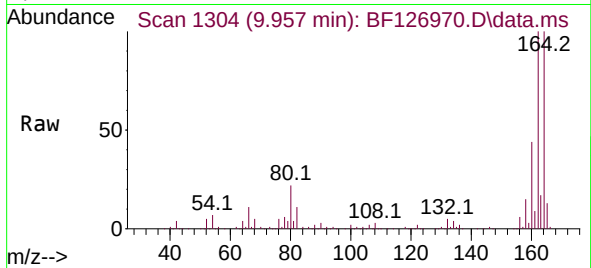
Tgt Ion:164 Resp: 204833

Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

160 44.3 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.928 ng

RT: 9.075 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Tgt Ion:216 Resp: 21178

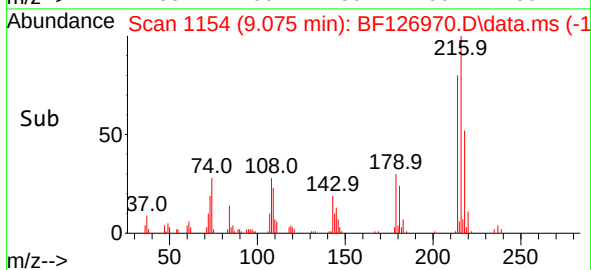
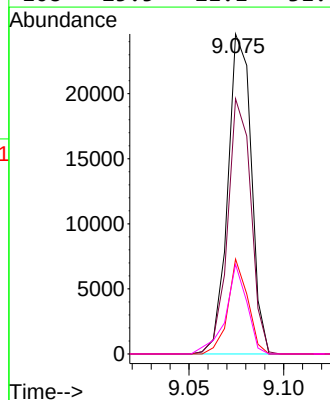
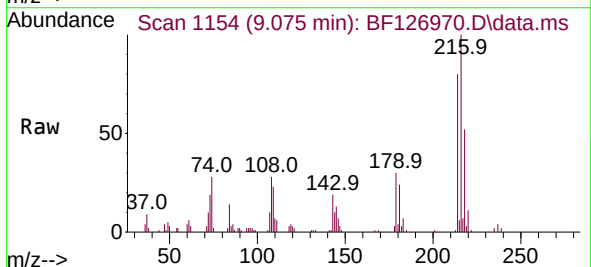
Ion Ratio Lower Upper

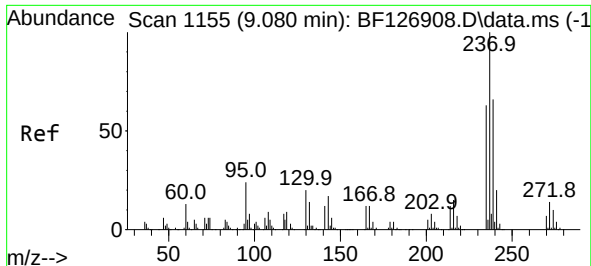
216 100

214 79.0 64.6 96.8

179 25.1 19.5 29.3

108 25.5 21.1 31.7

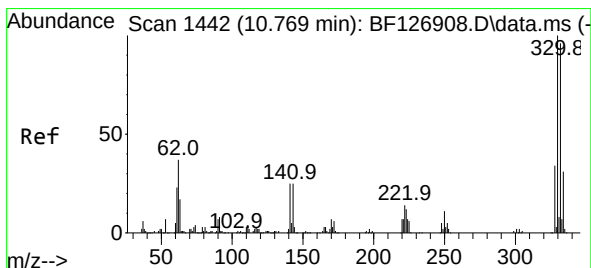
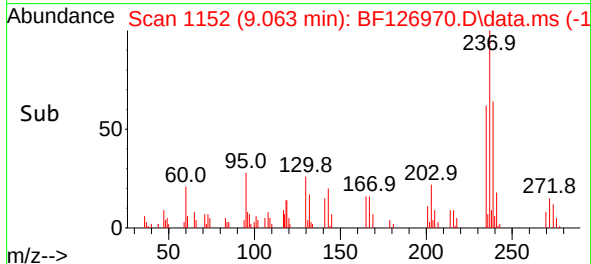
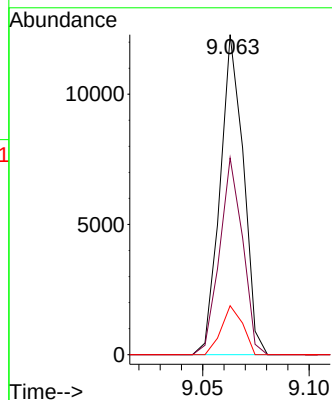
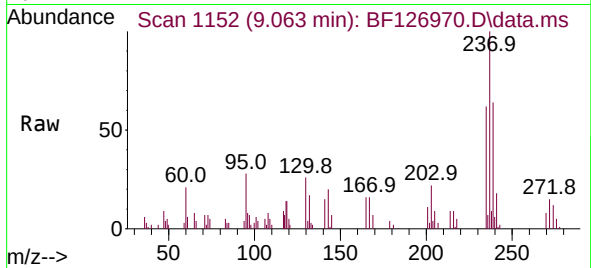




#41
Hexachlorocyclopentadiene
Concen: 3.207 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

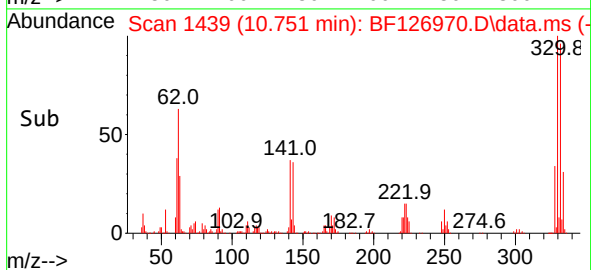
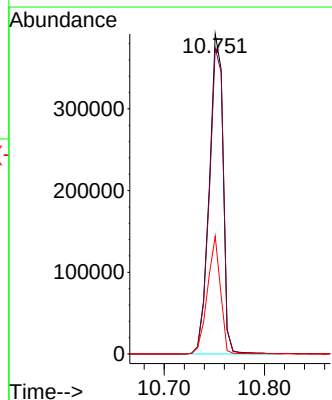
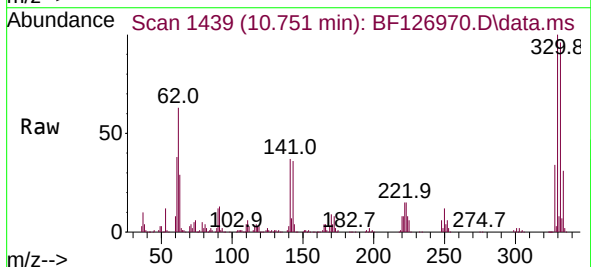
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

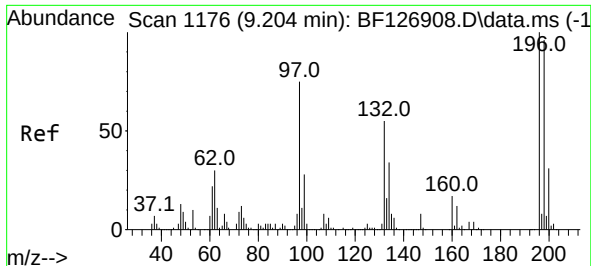
Tgt Ion:237 Resp: 9379
Ion Ratio Lower Upper
237 100
235 61.5 38.9 78.9
272 15.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 159.194 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:330 Resp: 375438
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 34.8 30.1 45.1

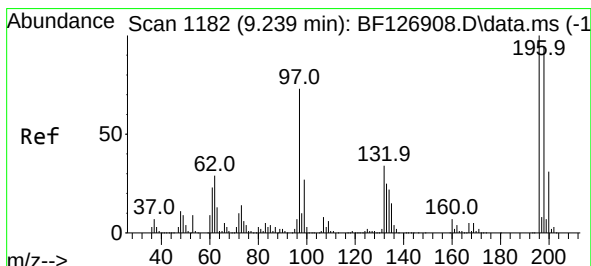
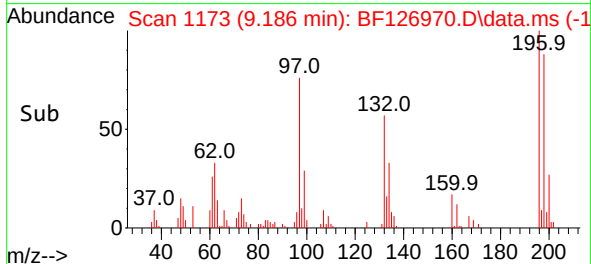
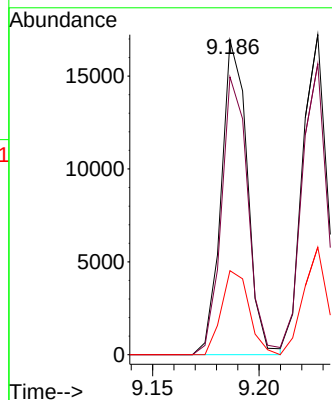
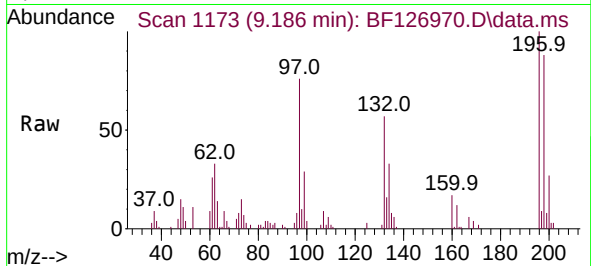




#43
2,4,6-Trichlorophenol
Concen: 3.643 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

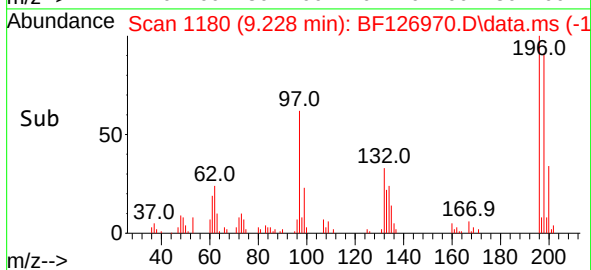
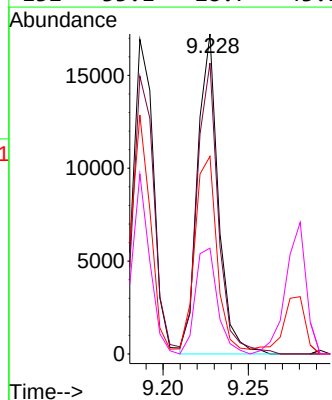
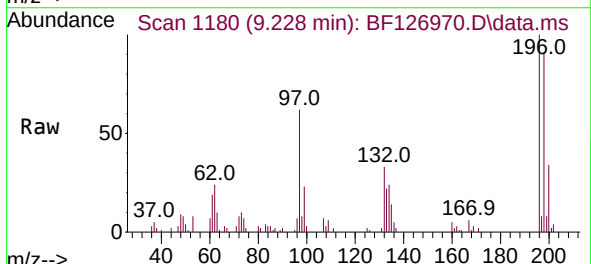
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

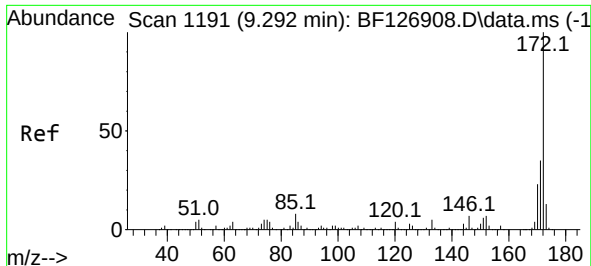
Tgt Ion:196 Resp: 14407
Ion Ratio Lower Upper
196 100
198 88.3 78.5 117.7
200 26.7 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 3.511 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:196 Resp: 14610
Ion Ratio Lower Upper
196 100
198 90.9 82.0 123.0
97 61.7 53.5 80.3
132 33.1 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 80.367 ng

RT: 9.280 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

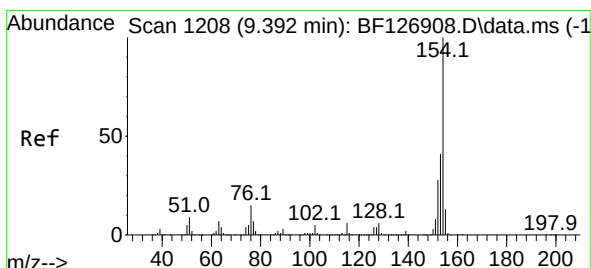
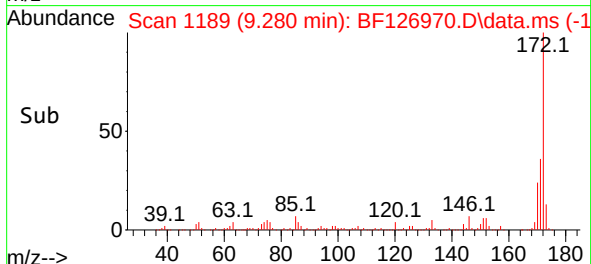
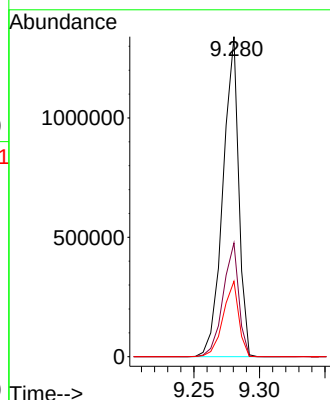
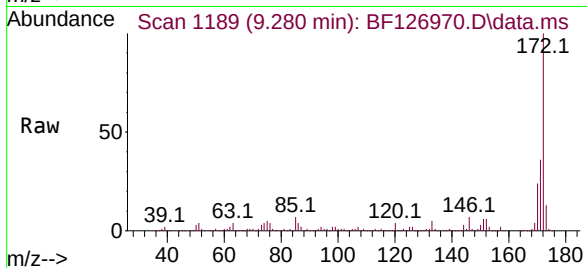
Tgt Ion:172 Resp: 1118214

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 4.088 ng

RT: 9.375 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

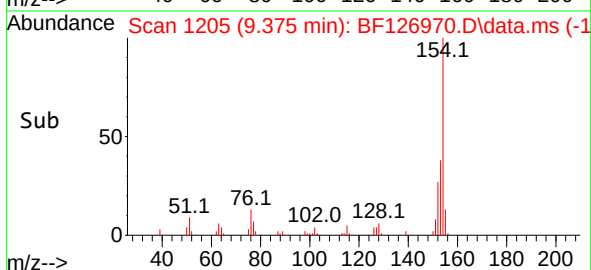
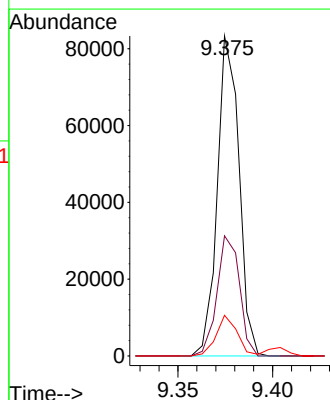
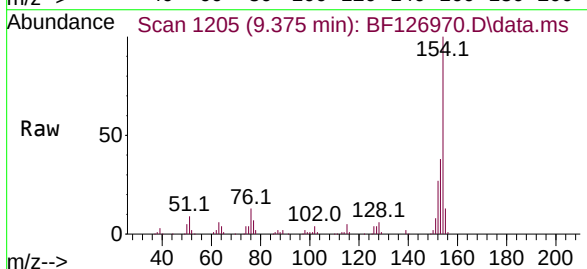
Tgt Ion:154 Resp: 66335

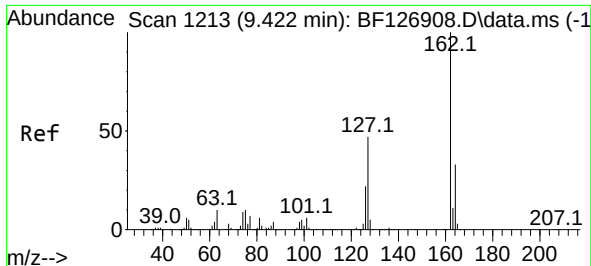
Ion Ratio Lower Upper

154 100

153 37.6 19.0 59.0

76 12.7 0.0 34.5

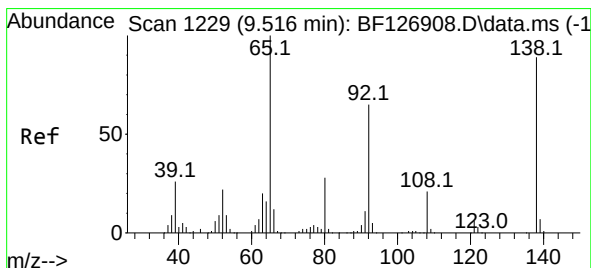
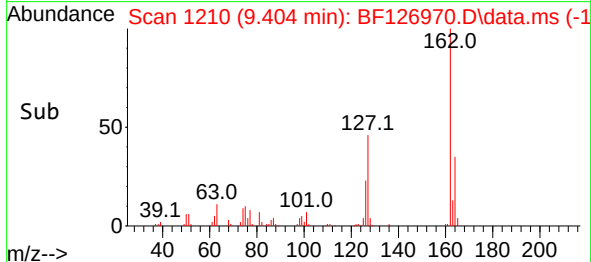
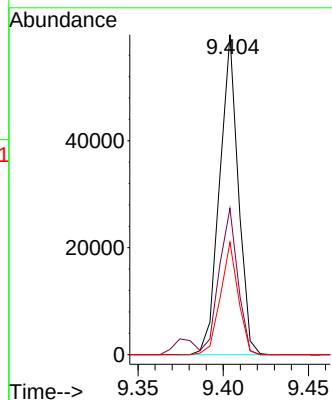
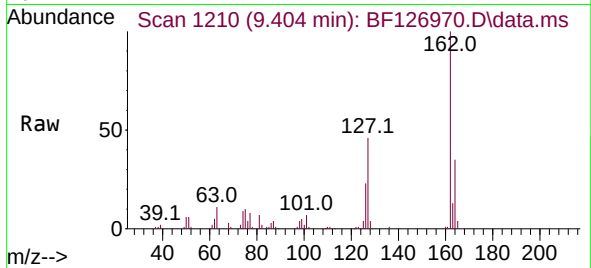




#47
2-Chloronaphthalene
Concen: 3.777 ng
RT: 9.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

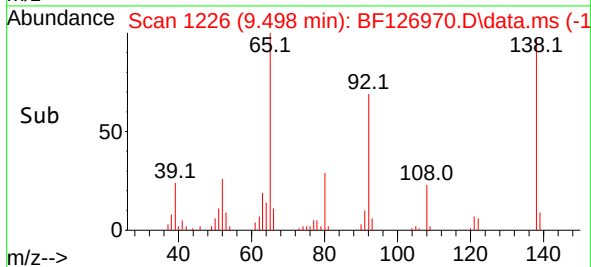
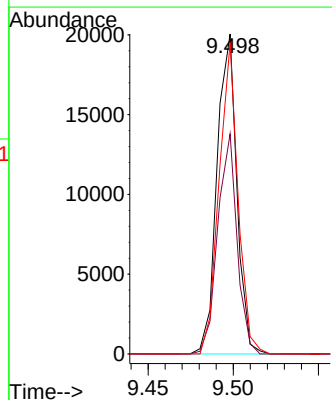
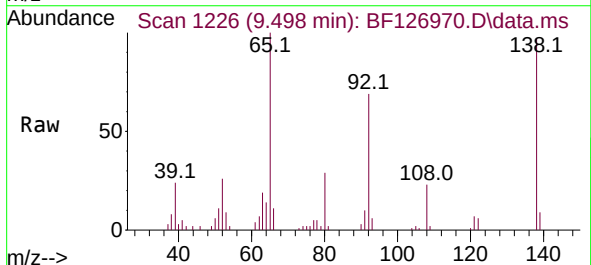
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

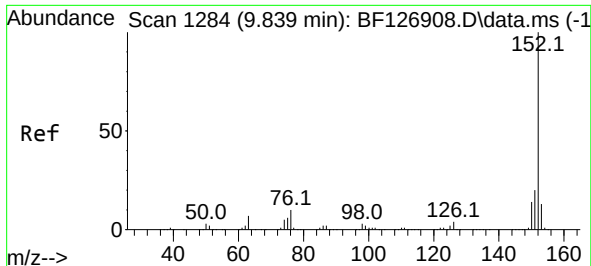
Tgt Ion:162 Resp: 45450
Ion Ratio Lower Upper
162 100
127 45.8 33.5 50.3
164 35.1 26.2 39.4



#48
2-Nitroaniline
Concen: 3.397 ng
RT: 9.498 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion: 65 Resp: 16132
Ion Ratio Lower Upper
65 100
92 68.8 54.4 81.6
138 97.3 72.5 108.7





#49

Acenaphthylene

Concen: 3.955 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

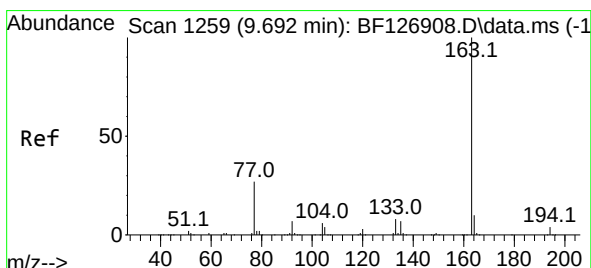
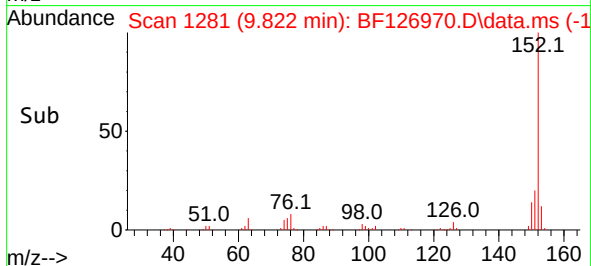
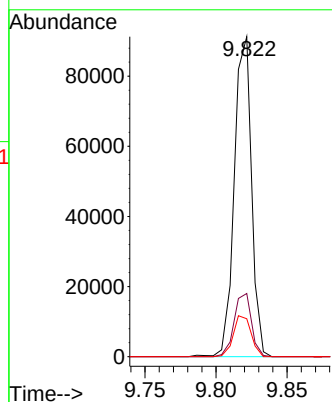
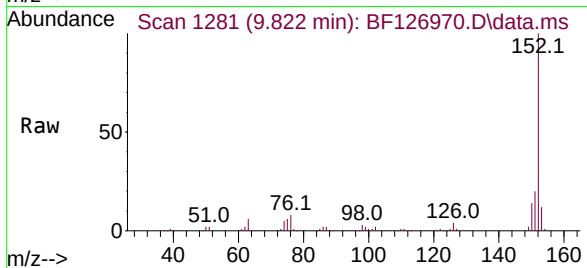
Tgt Ion:152 Resp: 77320

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 11.8 11.4 17.0



#50

Dimethylphthalate

Concen: 3.740 ng

RT: 9.669 min Scan# 1255

Delta R.T. -0.012 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

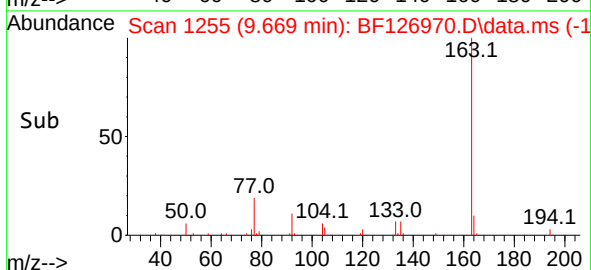
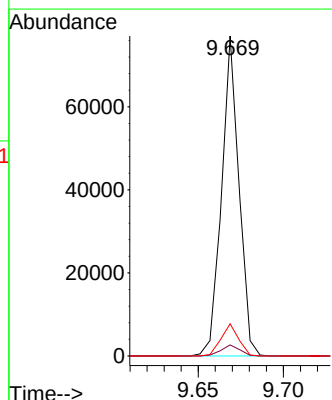
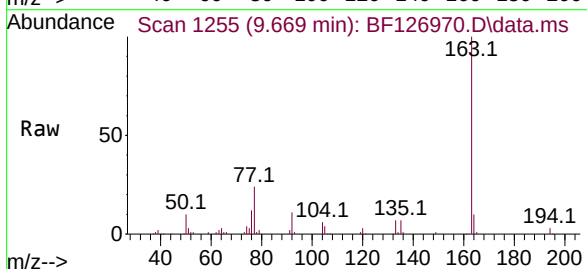
Tgt Ion:163 Resp: 54765

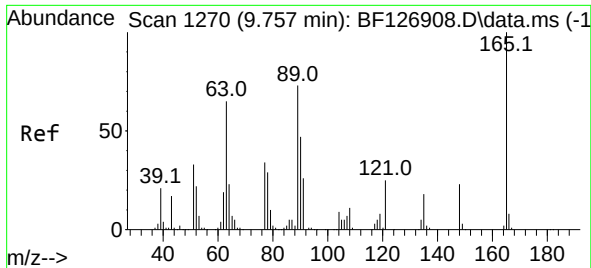
Ion Ratio Lower Upper

163 100

194 3.5 2.6 3.8

164 10.1 7.8 11.8

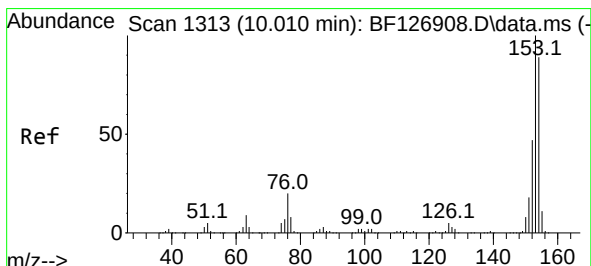
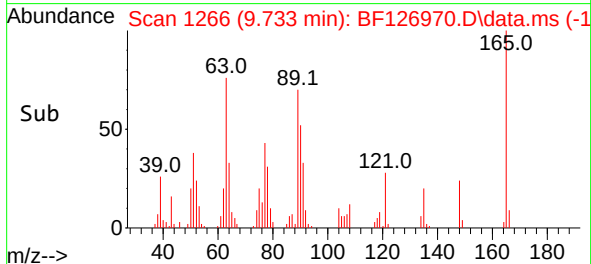
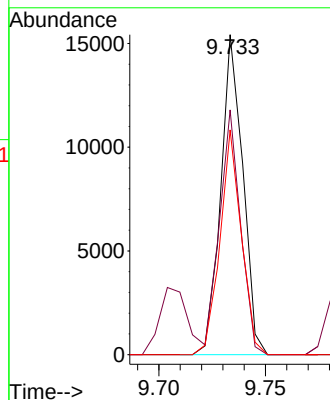
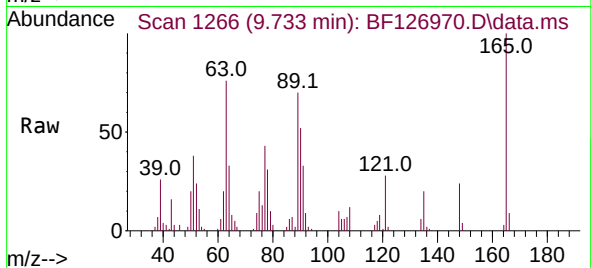




#51
2,6-Dinitrotoluene
Concen: 3.716 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

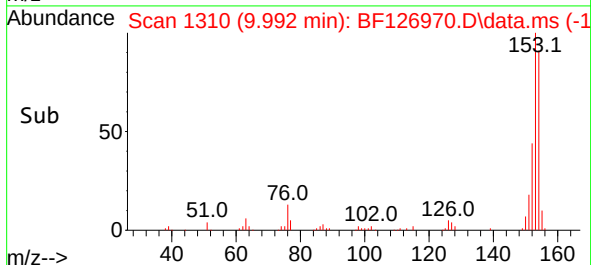
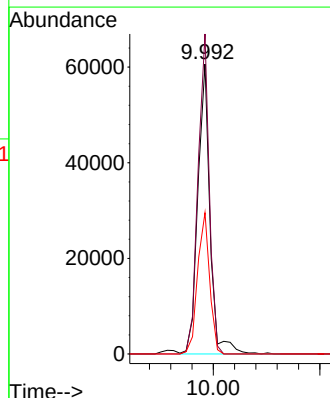
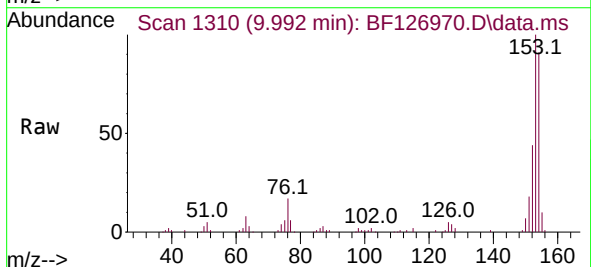
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

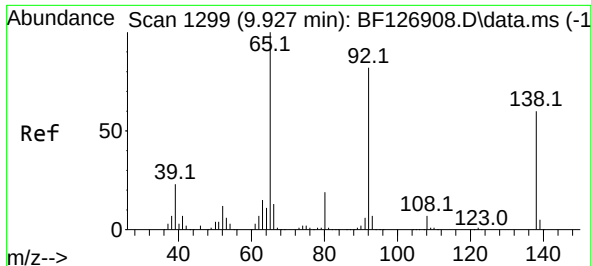
Tgt Ion:165 Resp: 11069
Ion Ratio Lower Upper
165 100
63 76.5 48.4 72.6#
89 70.3 50.5 75.7



#52
Acenaphthene
Concen: 3.781 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:154 Resp: 48073
Ion Ratio Lower Upper
154 100
153 110.4 87.8 131.6
152 48.7 39.4 59.2





#53

3-Nitroaniline

Concen: 3.513 ng

RT: 9.904 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

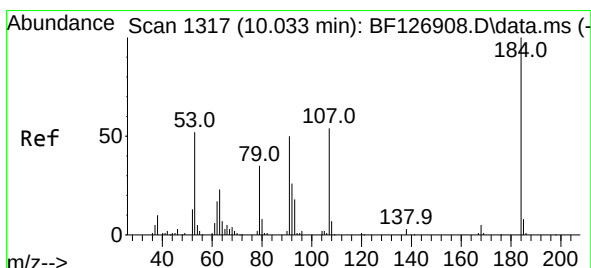
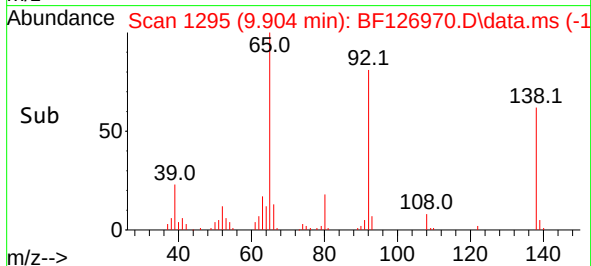
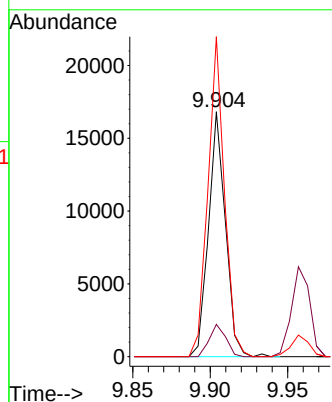
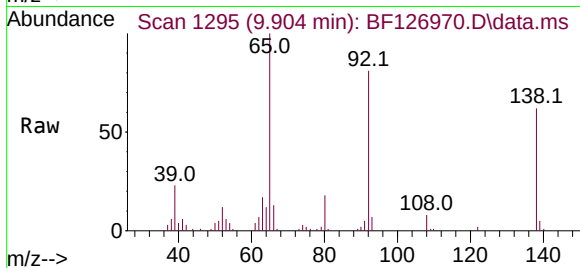
Tgt Ion:138 Resp: 12790

Ion Ratio Lower Upper

138 100

108 13.2 8.6 13.0#

92 130.6 105.0 157.6



#54

2,4-Dinitrophenol

Concen: 2.274 ng

RT: 10.010 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

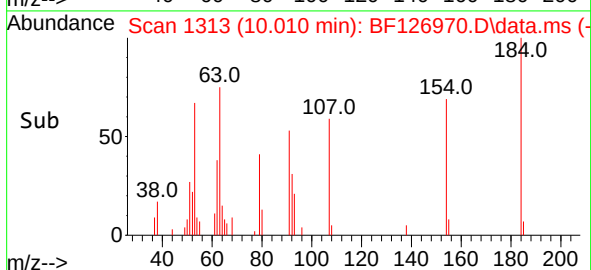
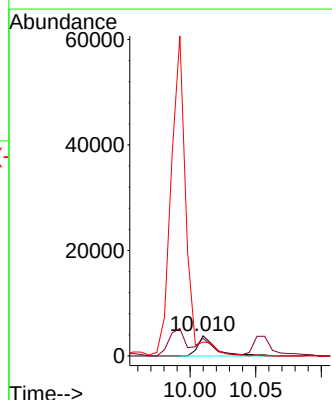
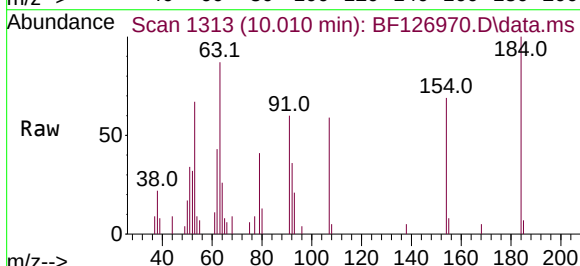
Tgt Ion:184 Resp: 3586

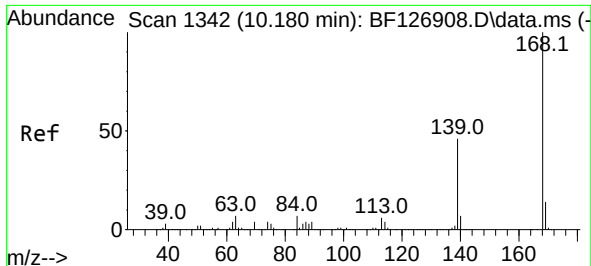
Ion Ratio Lower Upper

184 100

63 87.2 70.4 105.6

154 69.1 49.7 74.5

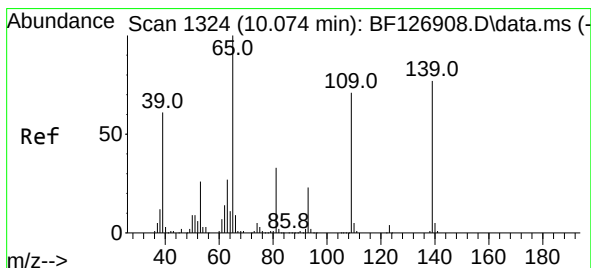
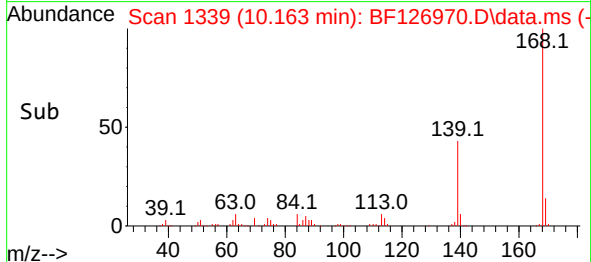
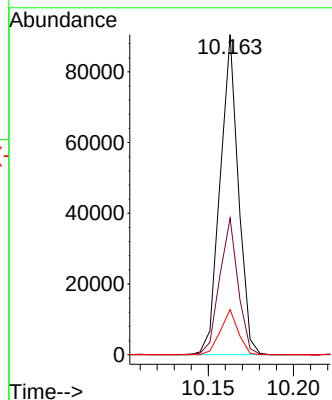
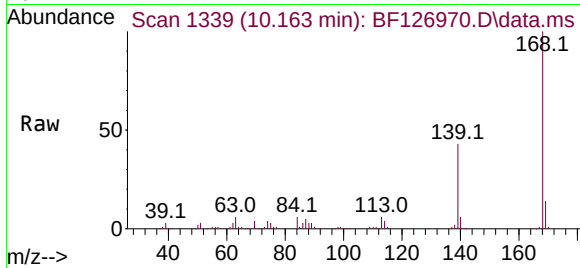




#55
Dibenzofuran
Concen: 3.857 ng
RT: 10.163 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

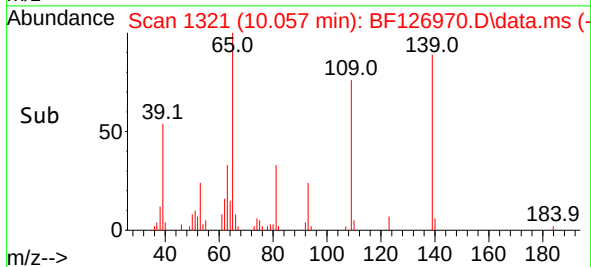
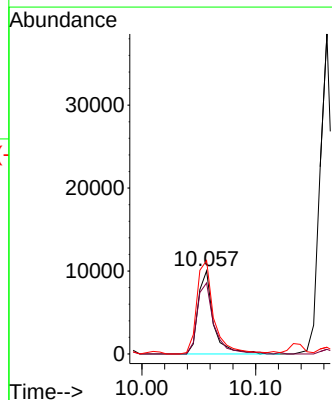
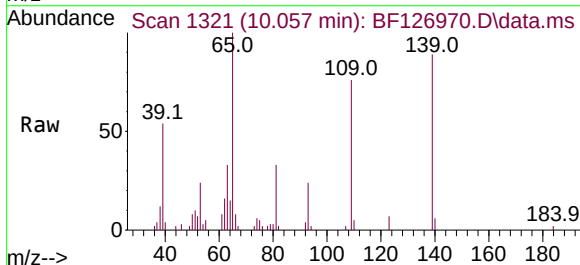
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

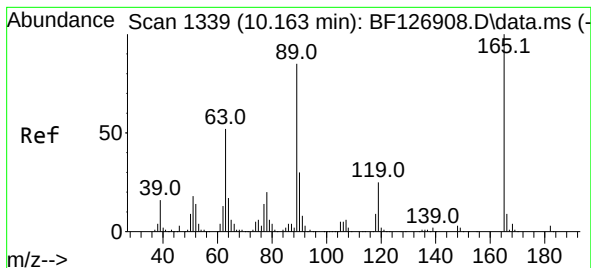
Tgt Ion:168 Resp: 67432
Ion Ratio Lower Upper
168 100
139 42.6 30.6 46.0
169 14.1 10.0 15.0



#56
4-Nitrophenol
Concen: 3.458 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:139 Resp: 9301
Ion Ratio Lower Upper
139 100
109 85.5 44.1 84.1#
65 112.4 85.5 125.5

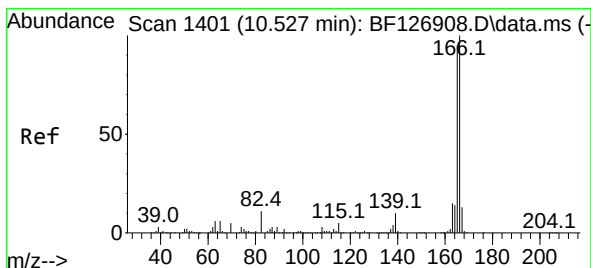
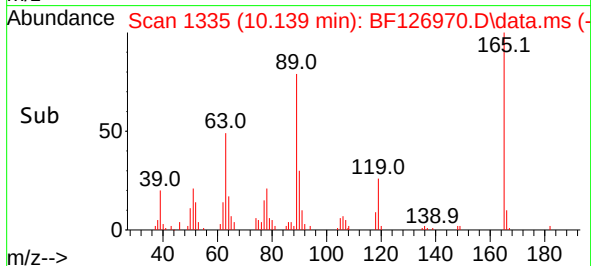
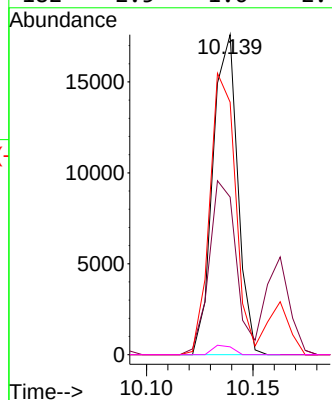
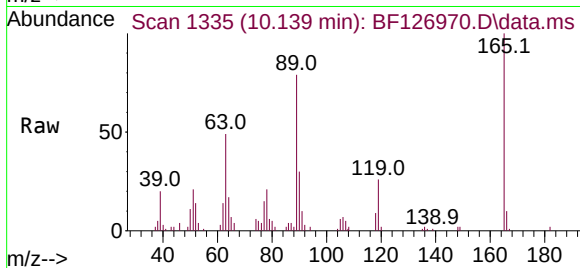




#57
2,4-Dinitrotoluene
Concen: 3.542 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

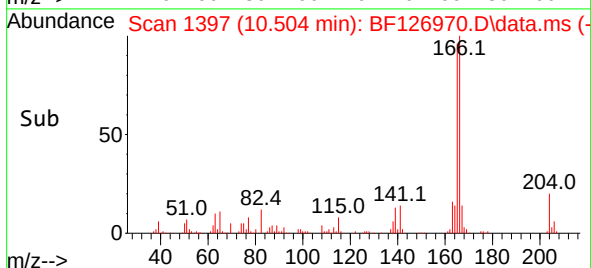
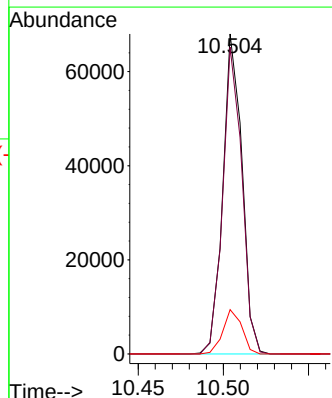
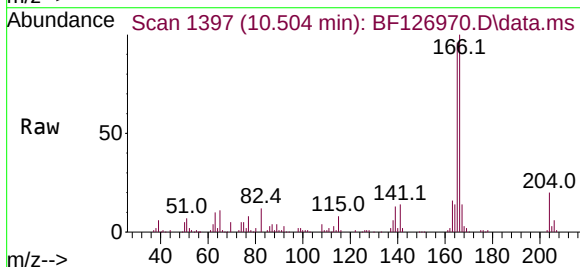
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

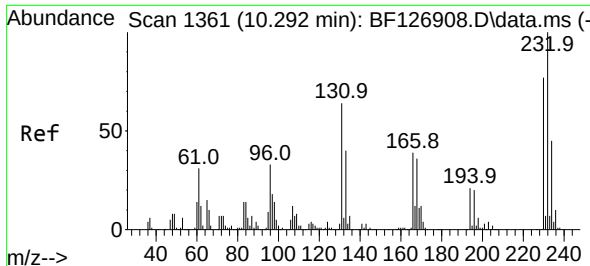
Tgt Ion:165 Resp: 14265
Ion Ratio Lower Upper
165 100
63 49.2 43.0 64.6
89 78.9 71.0 106.4
182 2.5 1.6 2.4#



#58
Fluorene
Concen: 3.907 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:166 Resp: 53198
Ion Ratio Lower Upper
166 100
165 95.8 77.7 116.5
167 13.9 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.427 ng

RT: 10.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

Tgt Ion:232 Resp: 11305

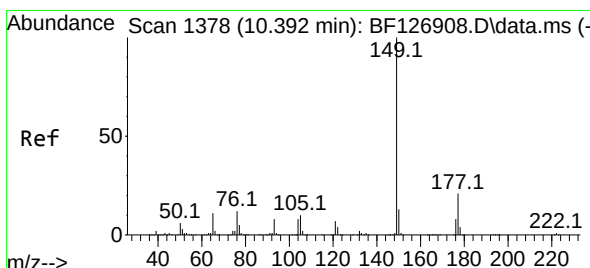
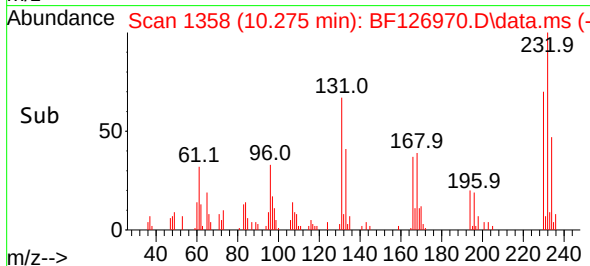
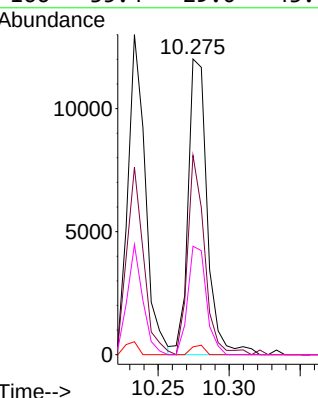
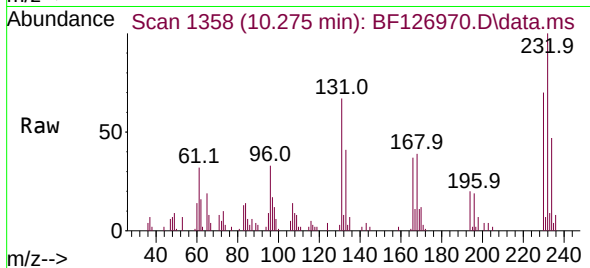
Ion Ratio Lower Upper

232 100

131 59.8 50.0 75.0

130 2.2 2.2 3.2

166 35.4 29.0 43.4



#60

Diethylphthalate

Concen: 3.742 ng

RT: 10.374 min Scan# 1375

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

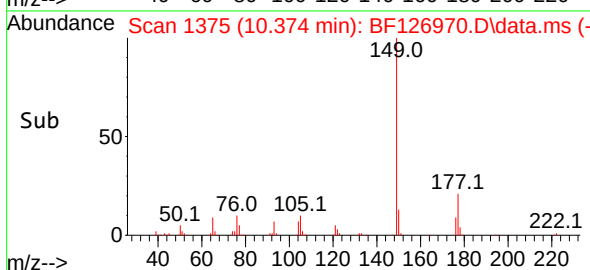
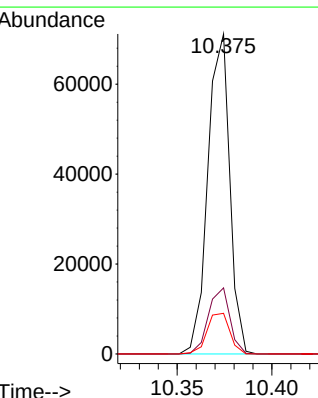
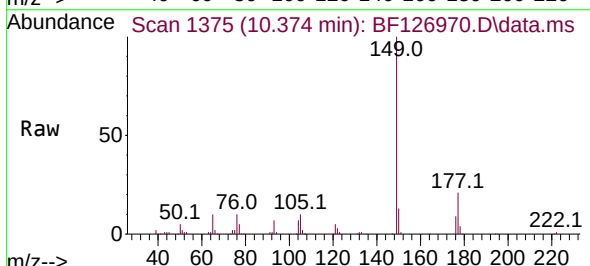
Tgt Ion:149 Resp: 57254

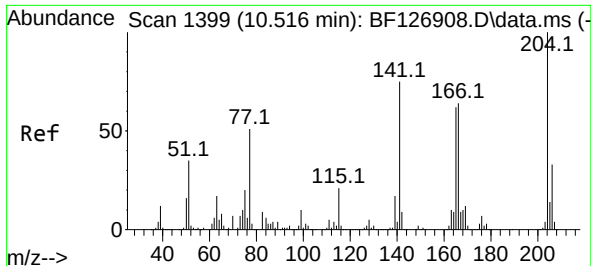
Ion Ratio Lower Upper

149 100

177 20.7 16.7 25.1

150 12.7 9.8 14.8

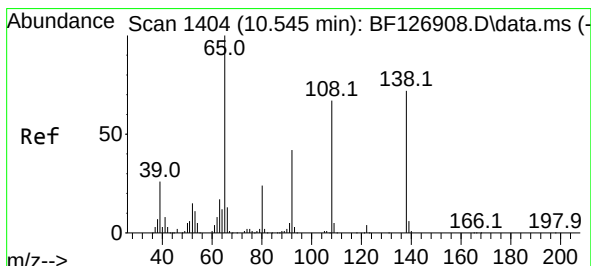
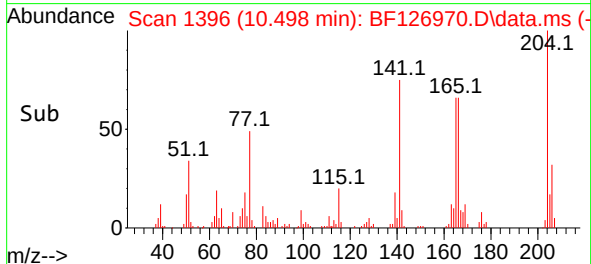
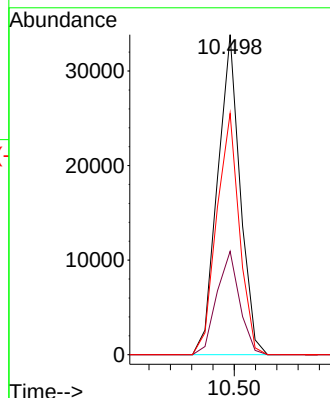
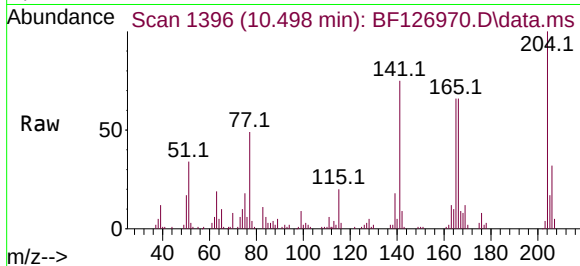




#61
4-Chlorophenyl-phenylether
Concen: 3.866 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

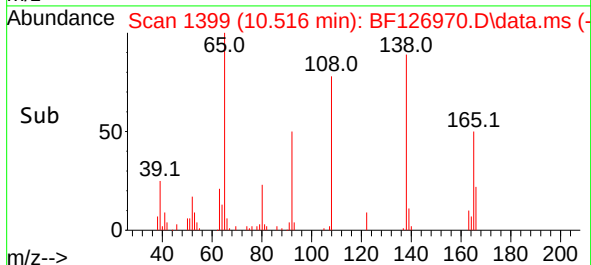
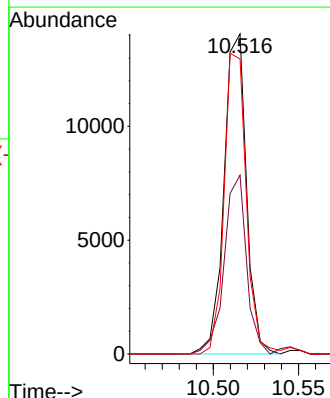
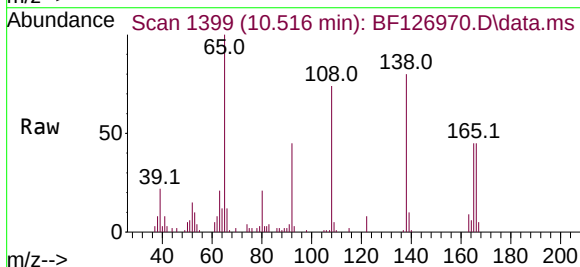
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

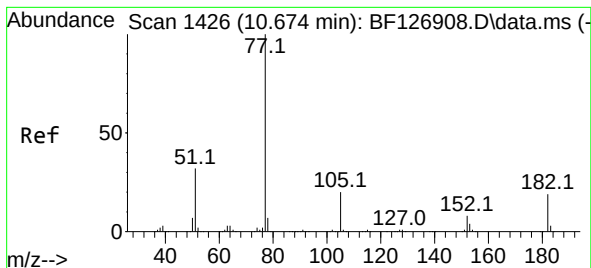
Tgt Ion:204 Resp: 24823
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 75.4 59.0 88.6



#62
4-Nitroaniline
Concen: 3.586 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.018 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:138 Resp: 12894
Ion Ratio Lower Upper
138 100
92 55.9 36.2 76.2
108 92.2 46.7 86.7#





#63

Azobenzene

Concen: 3.650 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF126970.D

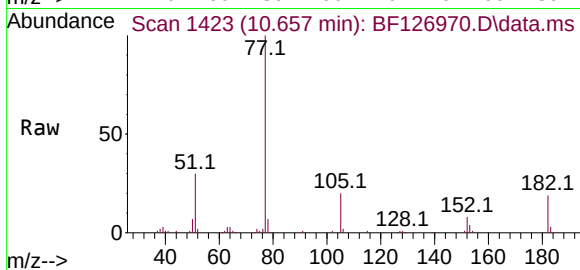
Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021



Tgt Ion: 77 Resp: 62185

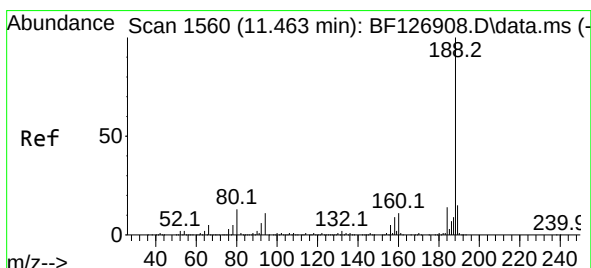
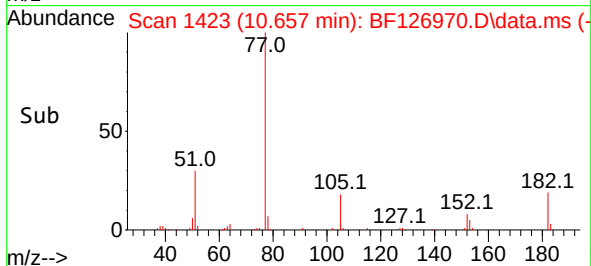
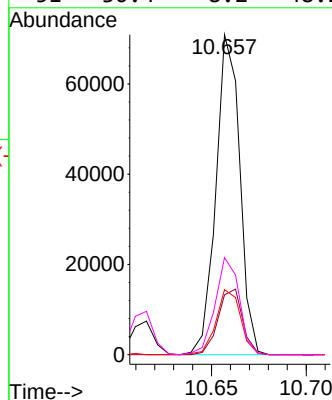
Ion Ratio Lower Upper

77 100

182 18.7 0.0 39.0

105 20.3 3.2 43.2

51 30.4 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

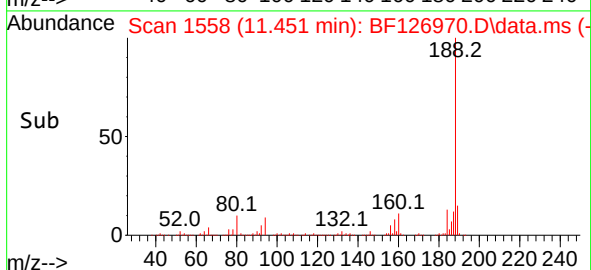
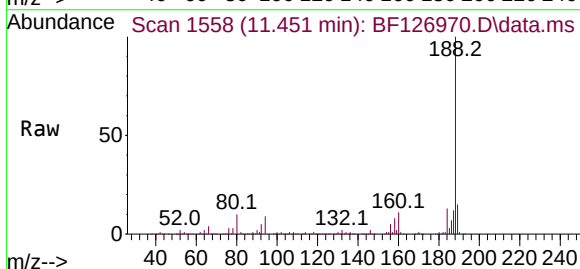
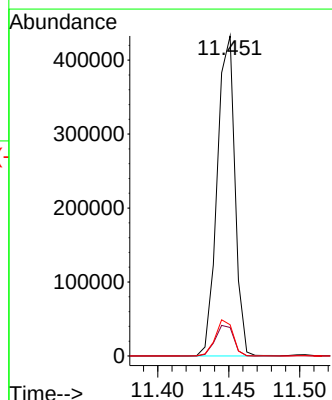
Tgt Ion: 188 Resp: 374663

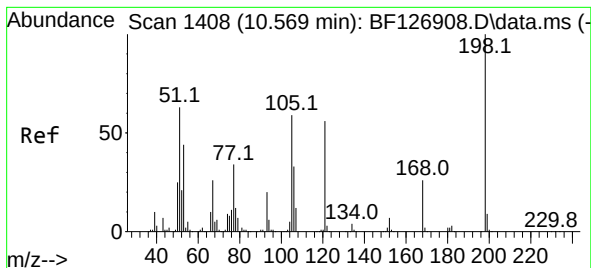
Ion Ratio Lower Upper

188 100

94 8.9 10.1 15.1#

80 9.8 11.8 17.6#

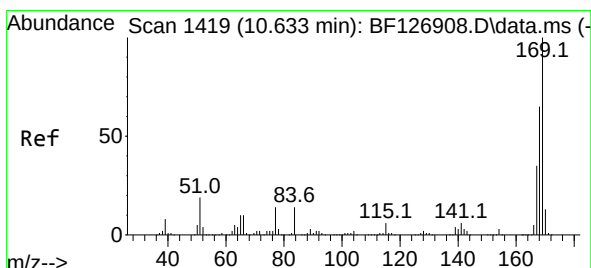
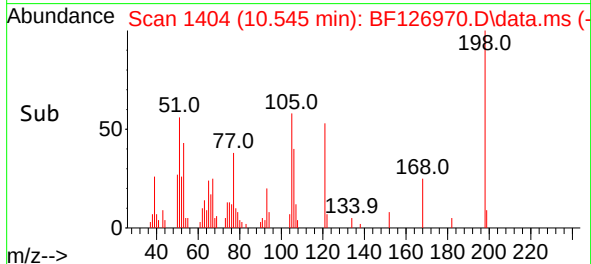
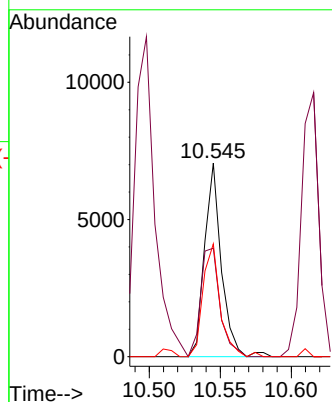
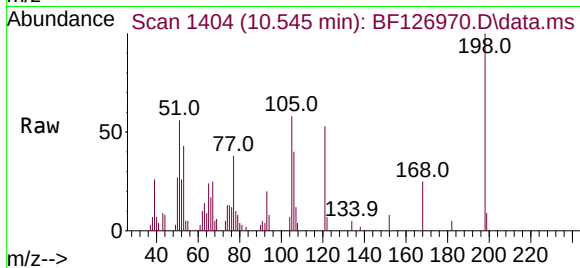




#65
4,6-Dinitro-2-methylphenol
Concen: 2.647 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

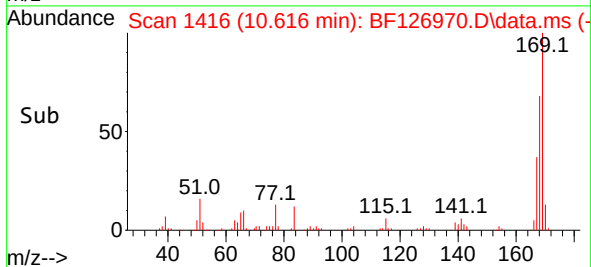
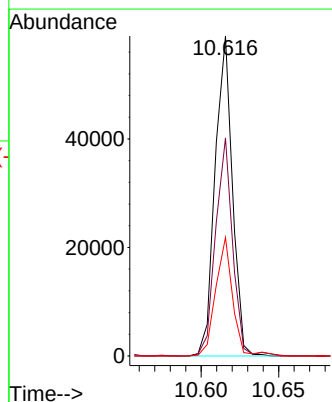
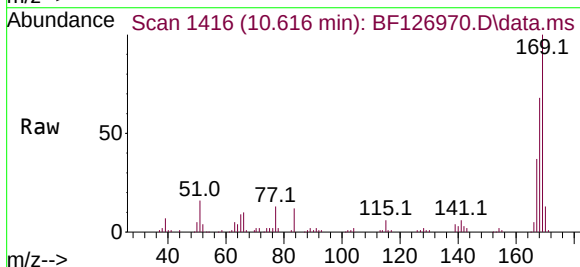
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

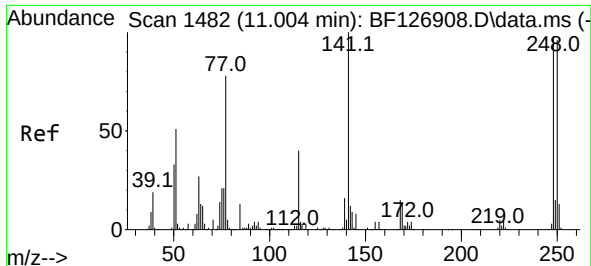
Tgt Ion:198 Resp: 5828
Ion Ratio Lower Upper
198 100
51 56.0 32.0 72.0
105 58.3 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 3.733 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:169 Resp: 45859
Ion Ratio Lower Upper
169 100
168 68.1 53.4 80.0
167 37.0 29.4 44.0

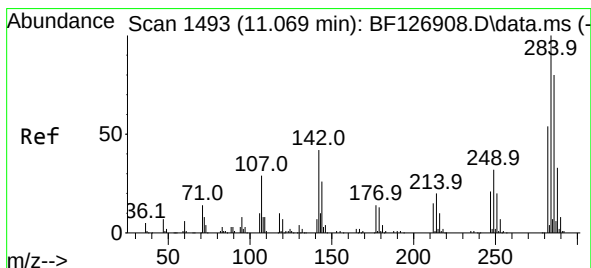
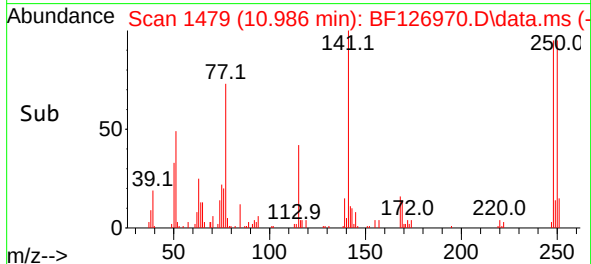
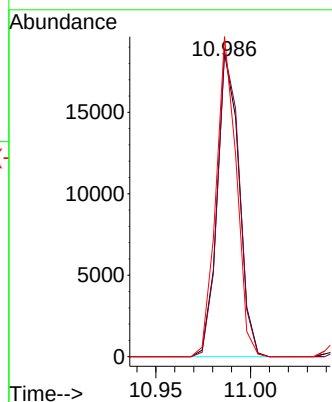
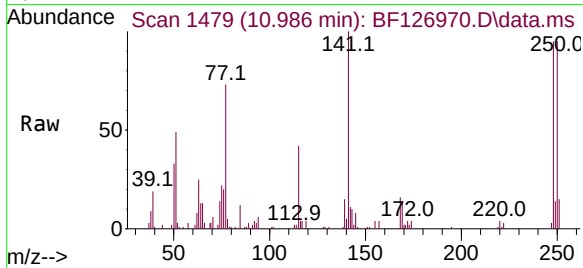




#67
4-Bromophenyl-phenylether
Concen: 3.564 ng
RT: 10.986 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

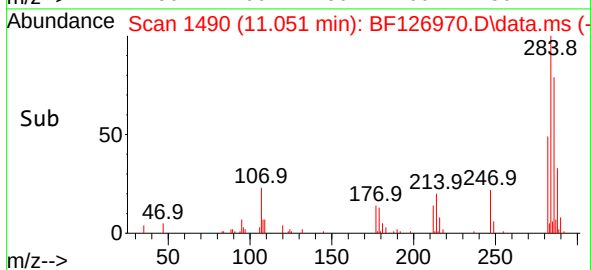
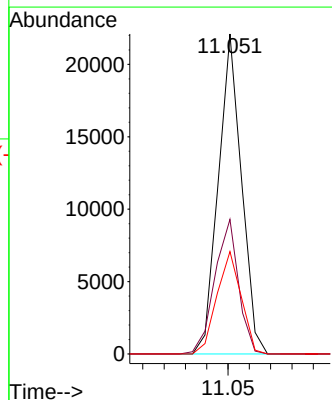
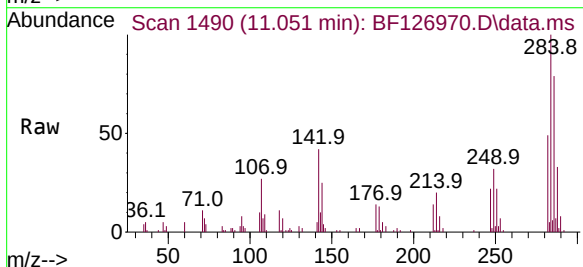
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

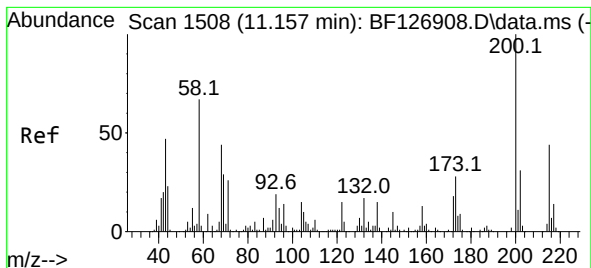
Tgt Ion:248 Resp: 14920
Ion Ratio Lower Upper
248 100
250 100.5 76.2 114.4
141 105.4 66.2 99.4#



#68
Hexachlorobenzene
Concen: 3.710 ng
RT: 11.051 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:284 Resp: 16717
Ion Ratio Lower Upper
284 100
142 42.0 30.7 46.1
249 32.0 21.1 31.7#





#69

Atrazine

Concen: 3.856 ng

RT: 11.133 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

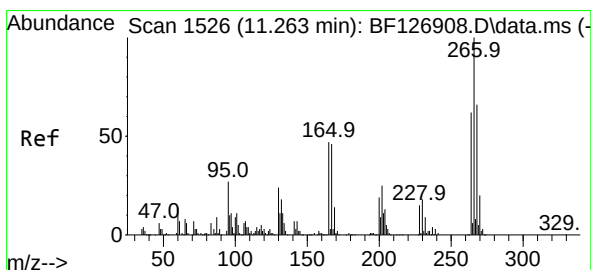
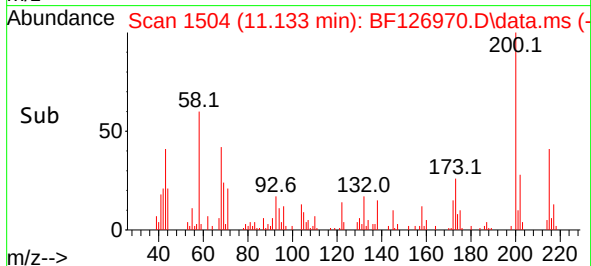
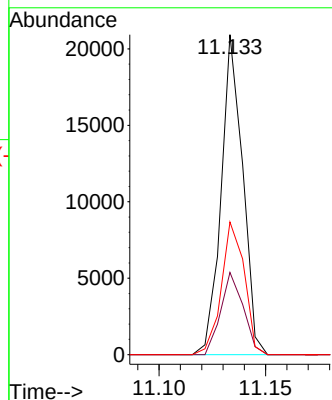
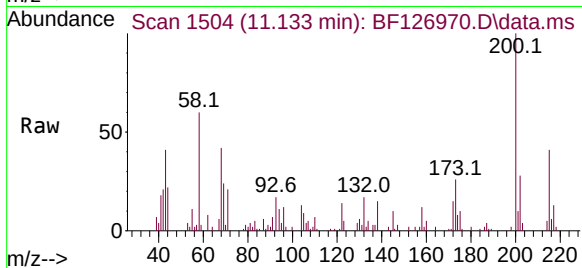
Tgt Ion:200 Resp: 14693

Ion Ratio Lower Upper

200 100

173 25.7 9.2 49.2

215 41.5 23.2 63.2



#70

Pentachlorophenol

Concen: 3.014 ng

RT: 11.245 min Scan# 1523

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

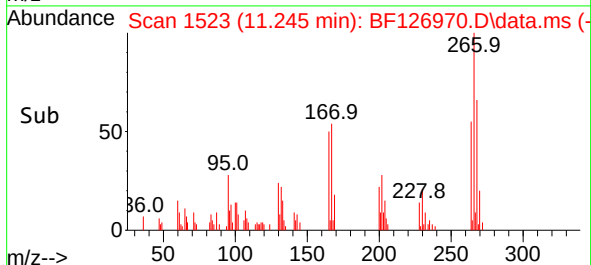
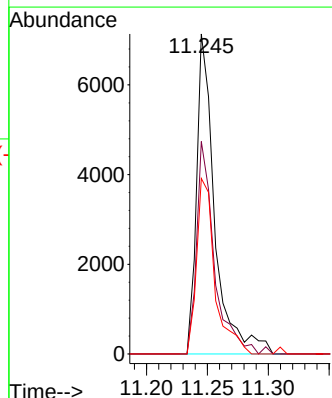
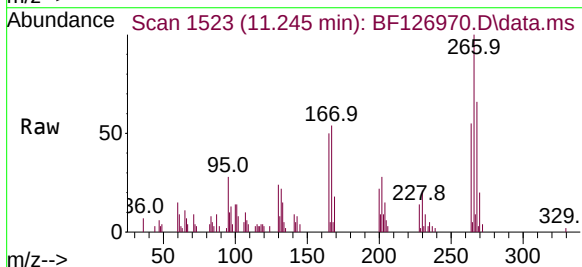
Tgt Ion:266 Resp: 7415

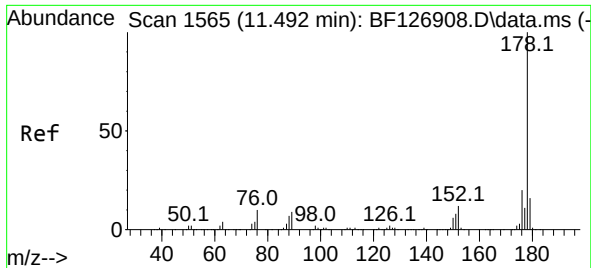
Ion Ratio Lower Upper

266 100

268 66.4 52.3 78.5

264 59.7 50.4 75.6

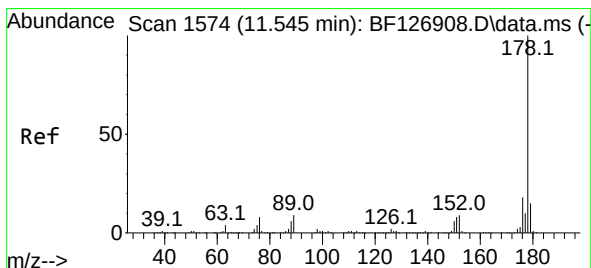
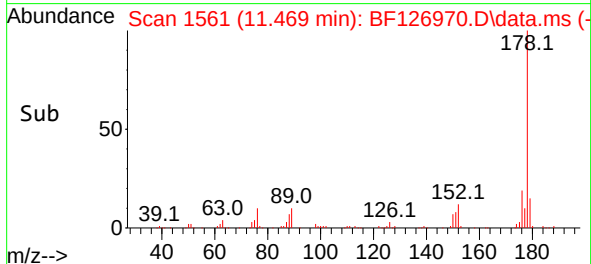
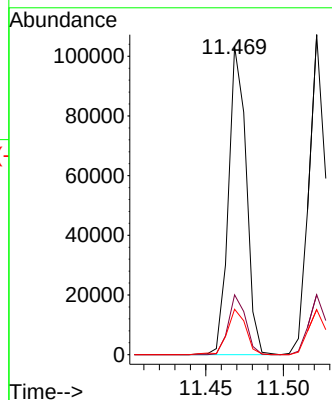
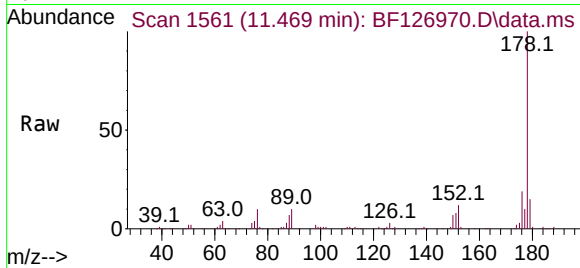




#71
Phenanthrene
Concen: 3.918 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

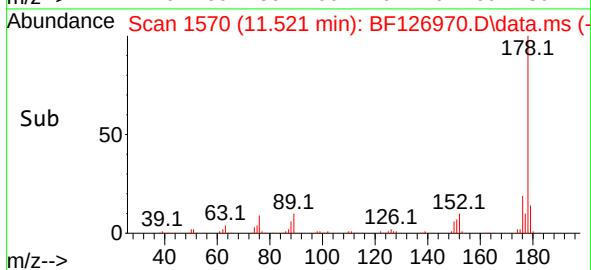
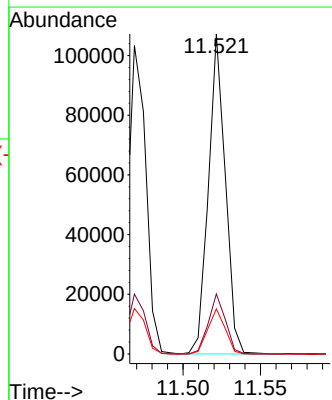
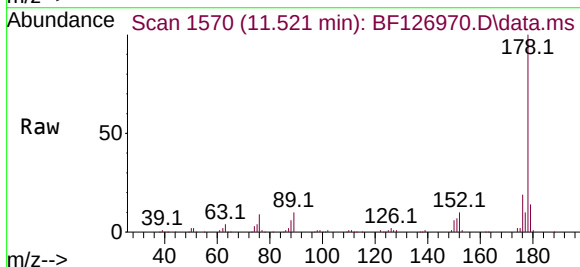
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

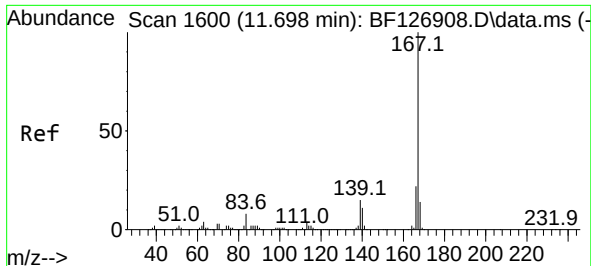
Tgt Ion:178 Resp: 82159
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 14.7 12.3 18.5



#72
Anthracene
Concen: 3.895 ng
RT: 11.521 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:178 Resp: 81304
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 14.1 12.5 18.7

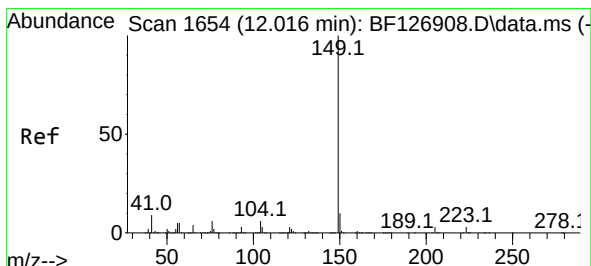
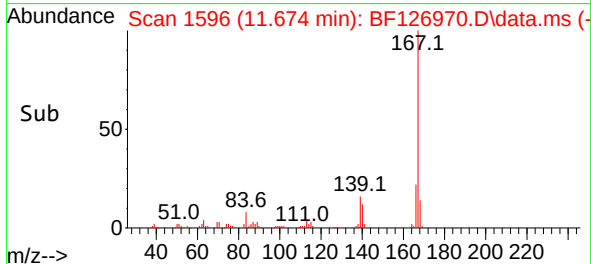
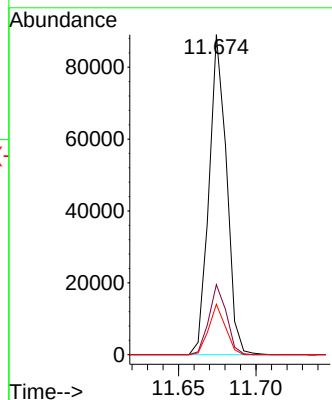
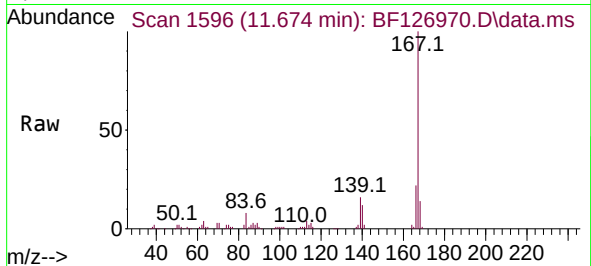




#73
 Carbazole
 Concen: 3.653 ng
 RT: 11.674 min Scan# 1160
 Delta R.T. -0.012 min
 Lab File: BF126970.D
 Acq: 21 Feb 2022 13:34

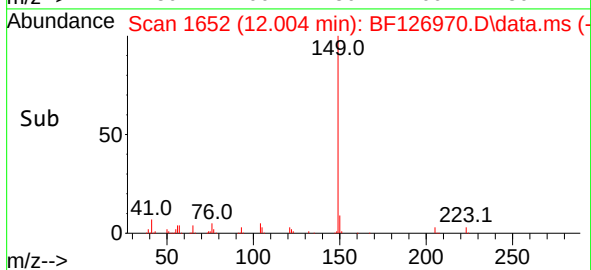
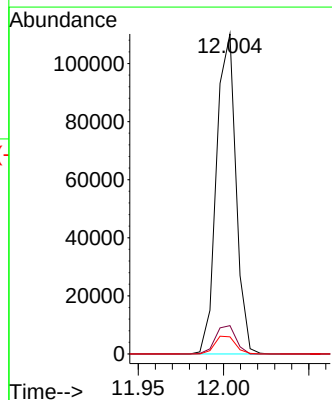
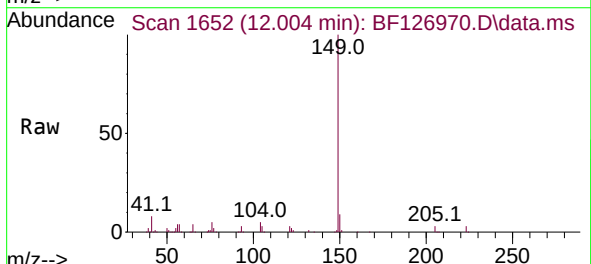
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

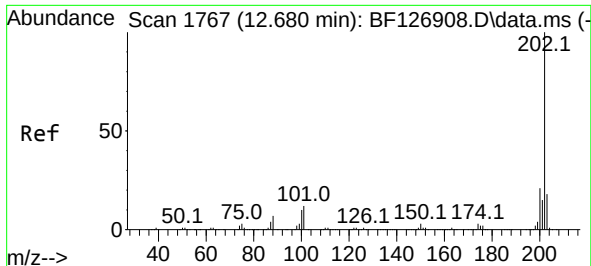
Tgt Ion:167	Resp:	69936	
Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.9	25.3
139	15.8	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 3.559 ng
 RT: 12.004 min Scan# 1652
 Delta R.T. -0.000 min
 Lab File: BF126970.D
 Acq: 21 Feb 2022 13:34

Tgt Ion:149	Resp:	87595	
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.2	10.8
104	5.4	4.2	6.2

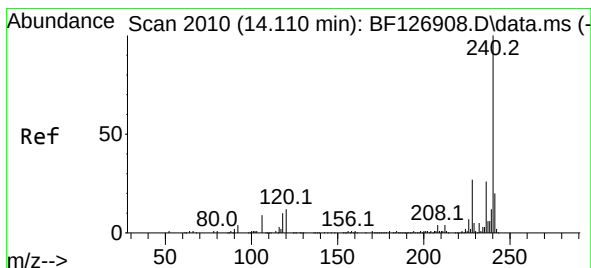
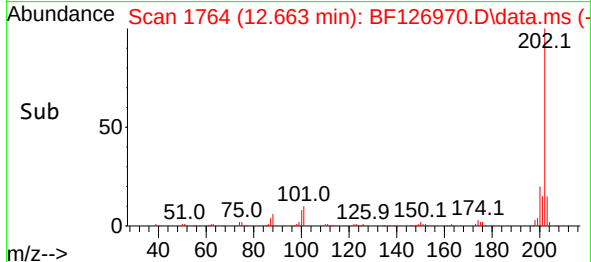
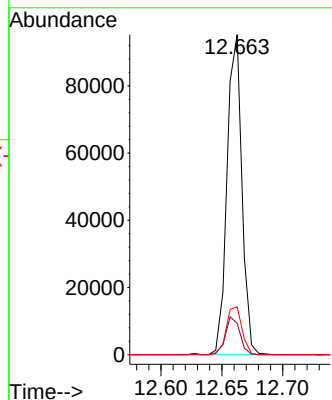
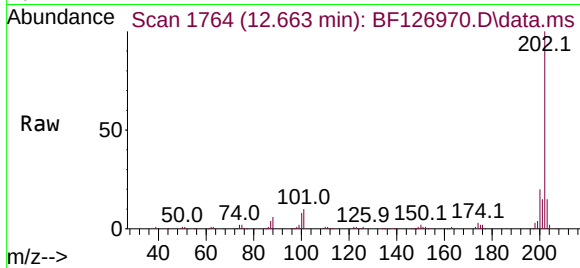




#75
Fluoranthene
Concen: 4.061 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

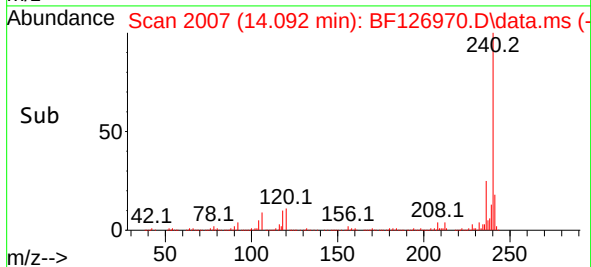
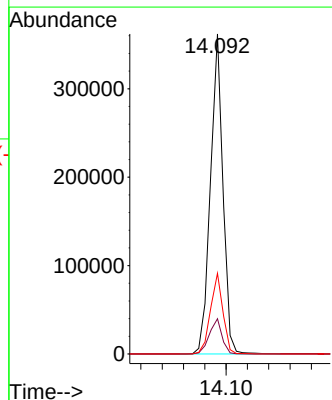
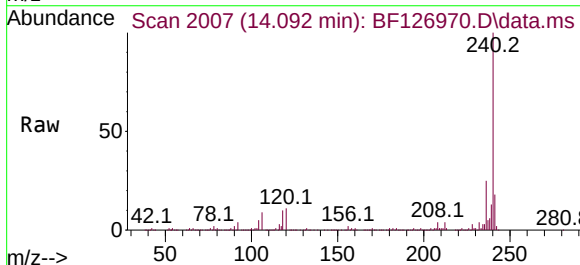
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

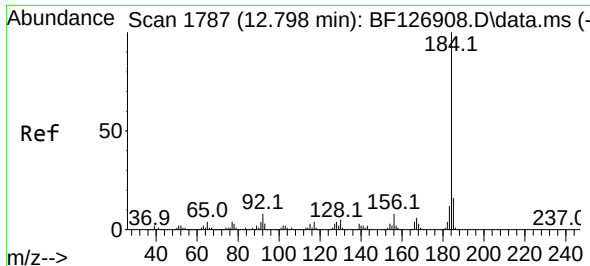
Tgt Ion:202 Resp: 80858
Ion Ratio Lower Upper
202 100
101 9.8 0.0 35.7
203 14.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:240 Resp: 295192
Ion Ratio Lower Upper
240 100
120 11.0 14.4 21.6#
236 25.2 20.5 30.7

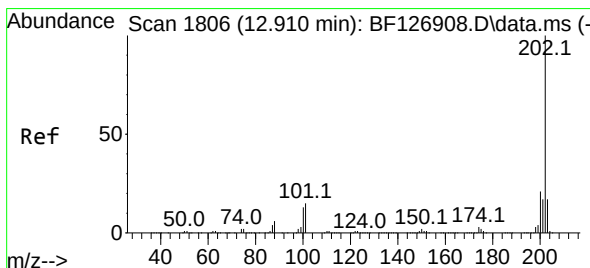
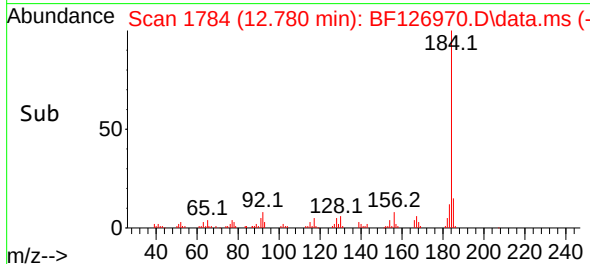
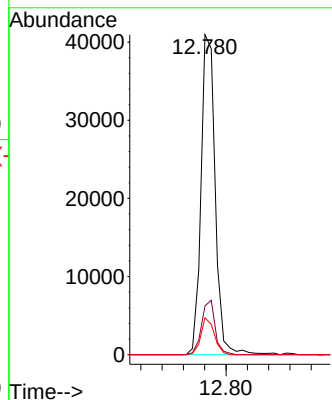
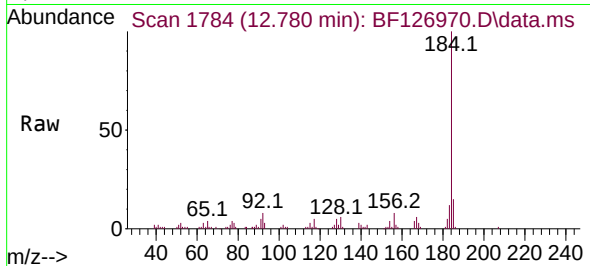




#77
Benzidine
Concen: 4.745 ng
RT: 12.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

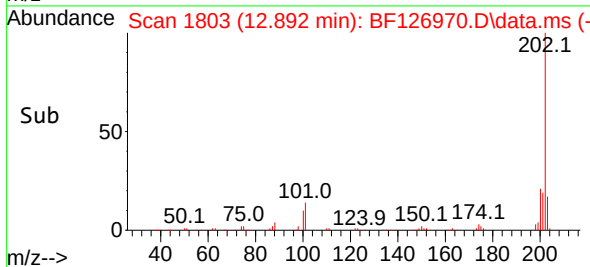
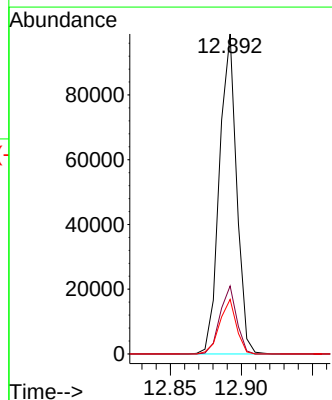
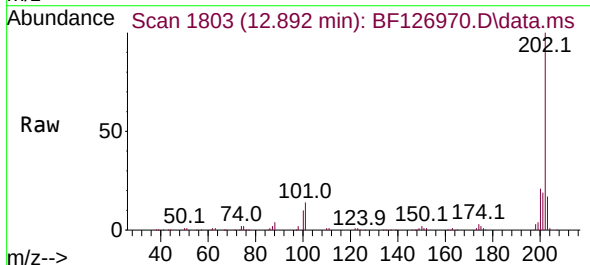
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

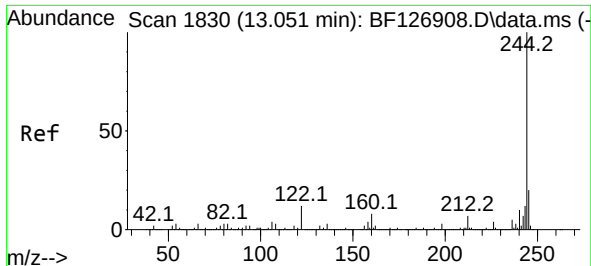
Tgt Ion:184 Resp: 38062
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 11.5 8.2 12.2



#78
Pyrene
Concen: 3.236 ng
RT: 12.892 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:202 Resp: 82983
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.1 13.8 20.8

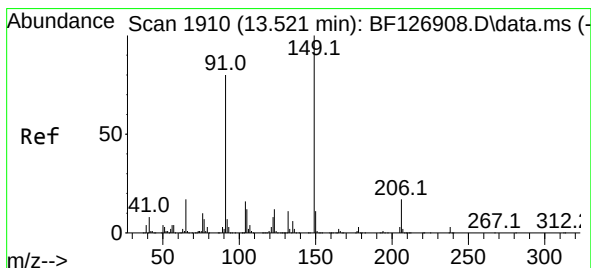
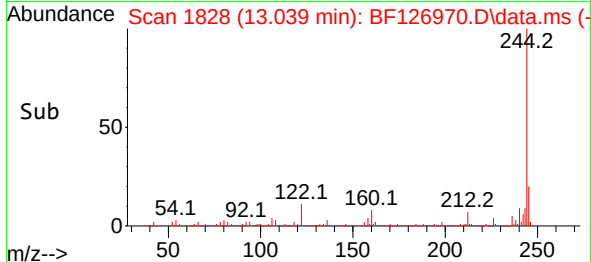
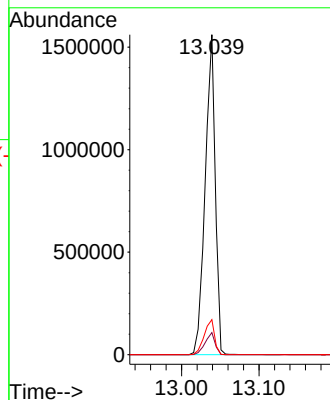
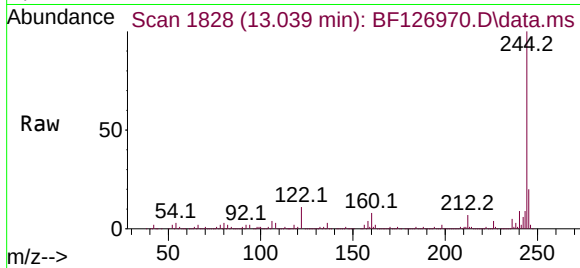




#79
Terphenyl-d14
Concen: 70.143 ng
RT: 13.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

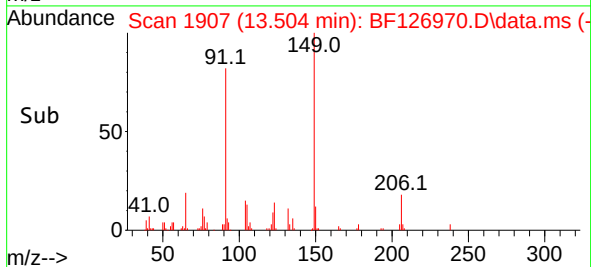
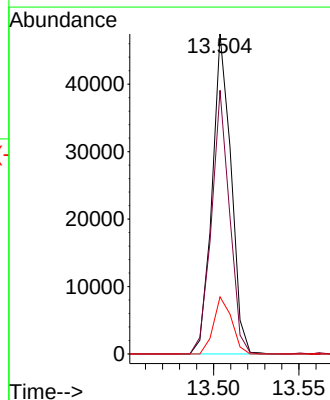
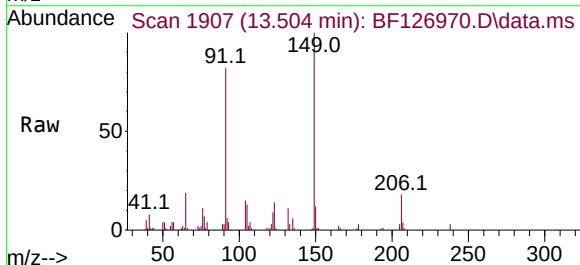
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

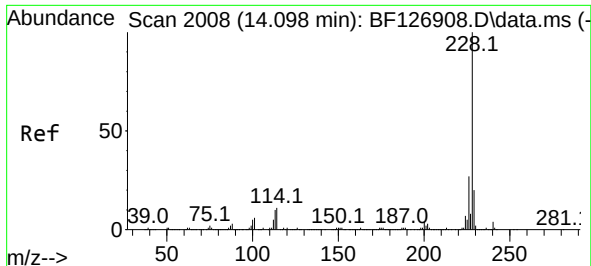
Tgt Ion:244 Resp: 1408518
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 11.0 13.3 19.9#



#80
Butylbenzylphthalate
Concen: 3.012 ng
RT: 13.504 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:149 Resp: 36564
Ion Ratio Lower Upper
149 100
91 82.4 70.5 105.7
206 17.9 12.6 19.0

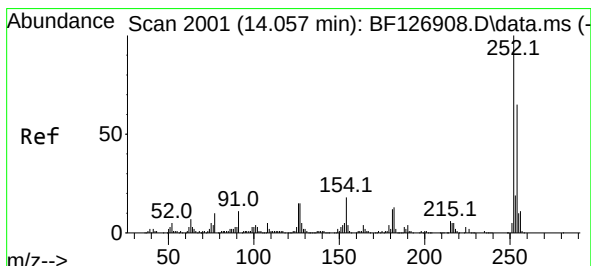
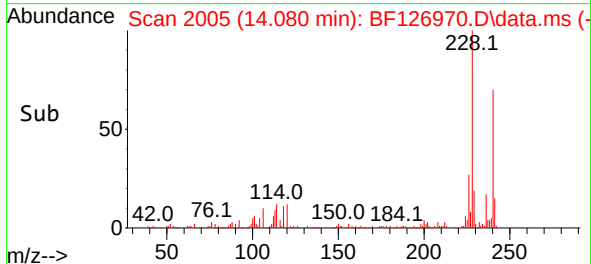
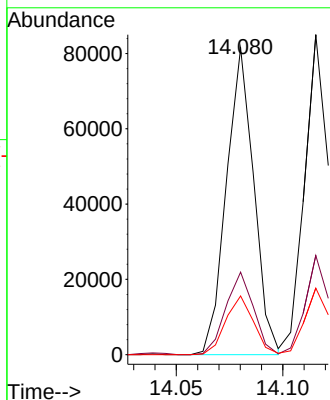
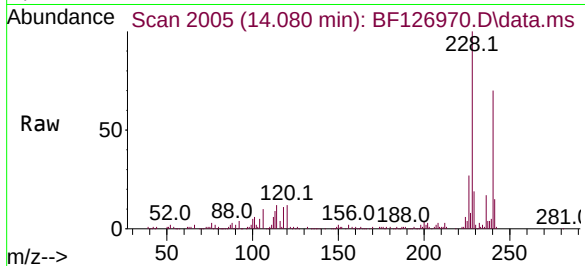




#81
Benzo(a)anthracene
Concen: 3.671 ng
RT: 14.080 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

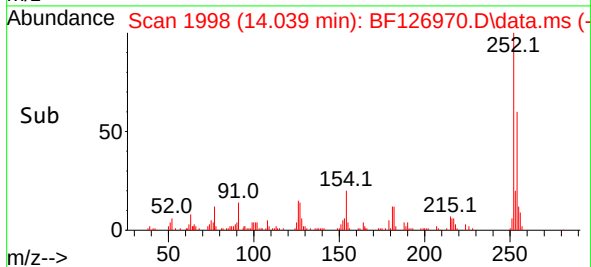
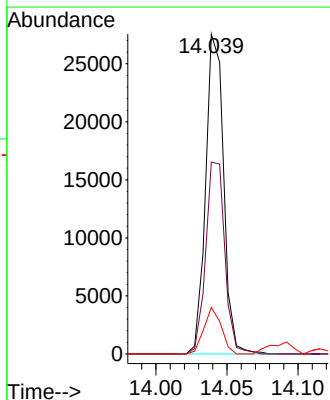
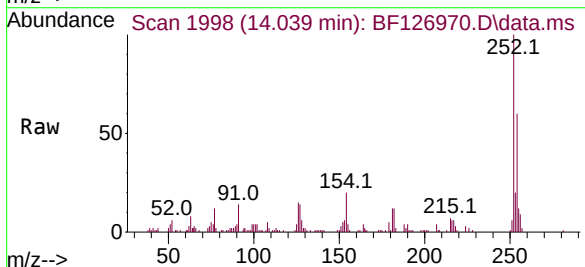
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

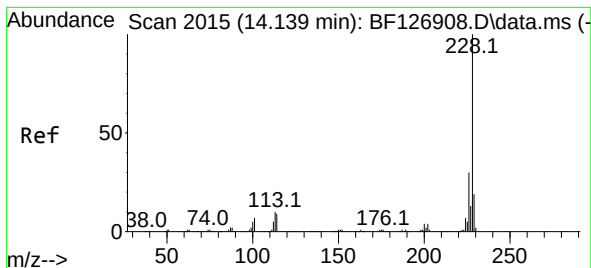
Tgt Ion:228 Resp: 73049
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 3.867 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:252 Resp: 24251
Ion Ratio Lower Upper
252 100
254 60.0 51.0 76.4
126 14.5 13.4 20.0





#83

Chrysene

Concen: 3.631 ng

RT: 14.115 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

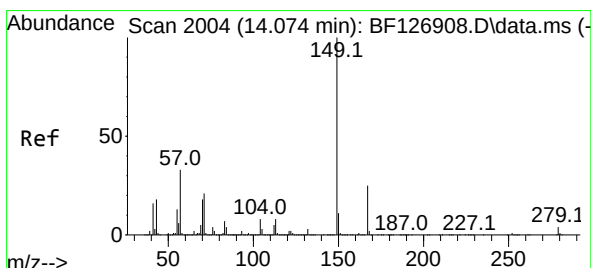
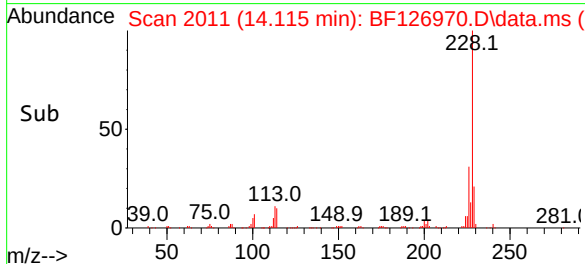
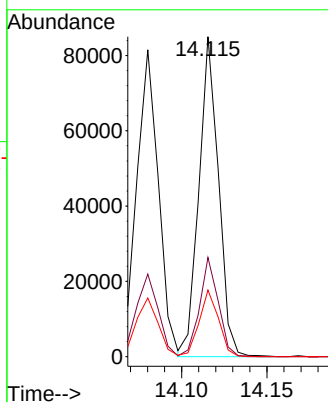
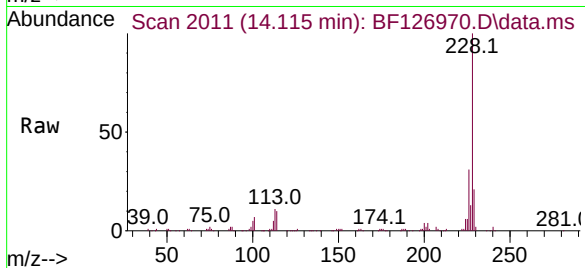
Tgt Ion:228 Resp: 67948

Ion Ratio Lower Upper

228 100

226 31.0 23.7 35.5

229 20.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.185 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

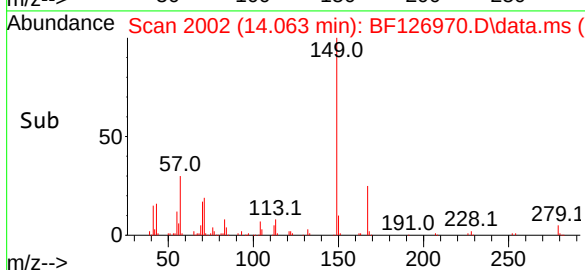
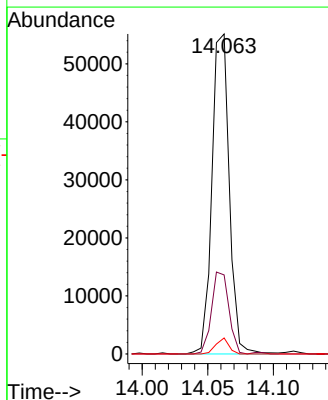
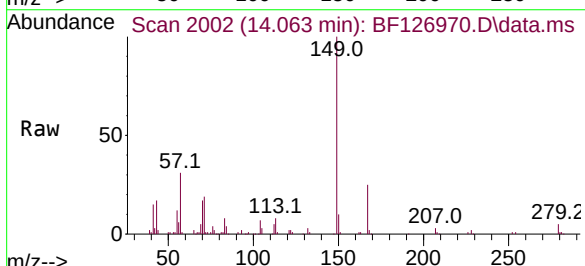
Tgt Ion:149 Resp: 50776

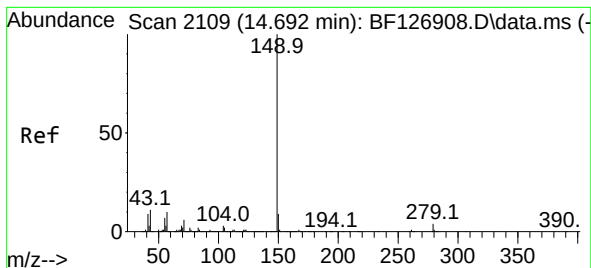
Ion Ratio Lower Upper

149 100

167 24.7 21.4 32.2

279 5.0 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 3.488 ng

RT: 14.674 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

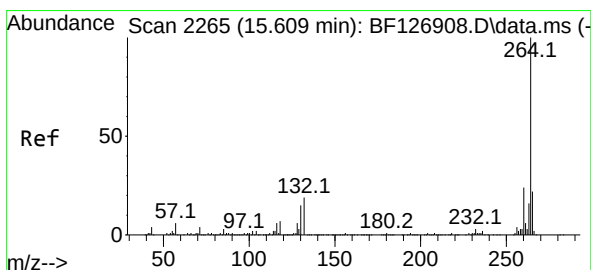
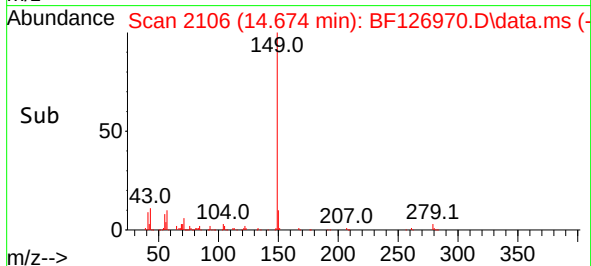
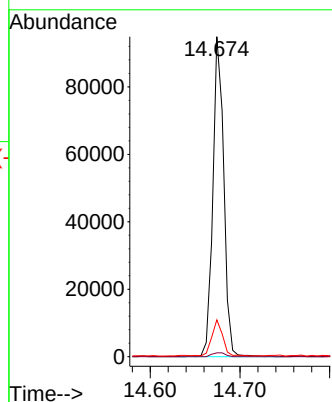
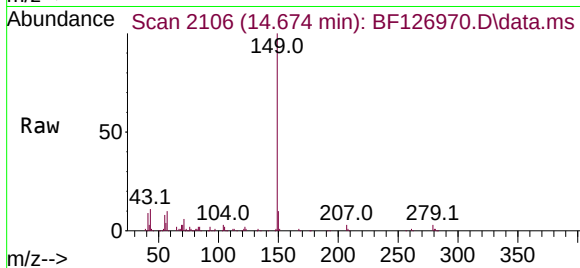
Tgt Ion:149 Resp: 80061

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.1 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

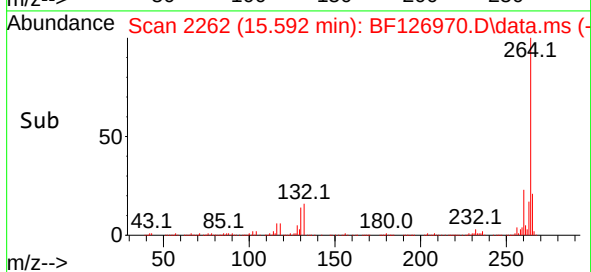
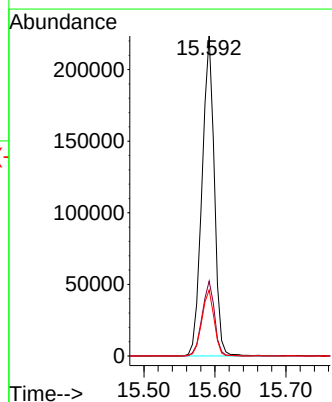
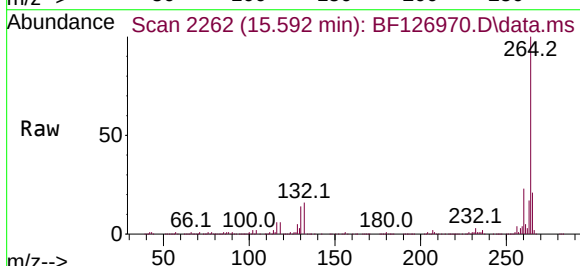
Tgt Ion:264 Resp: 270117

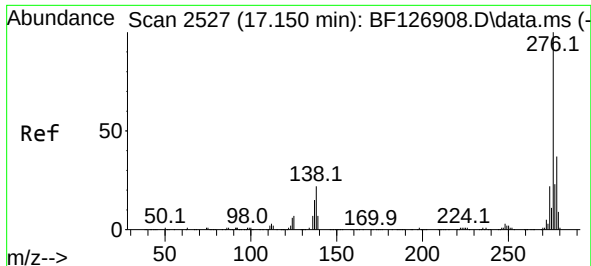
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.6 17.4 26.2

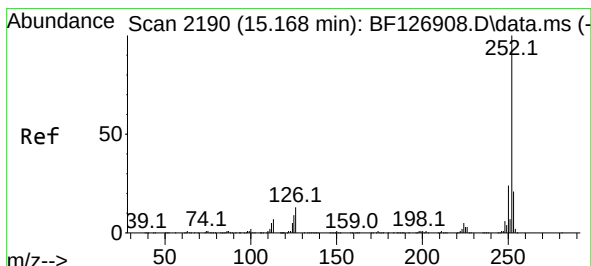
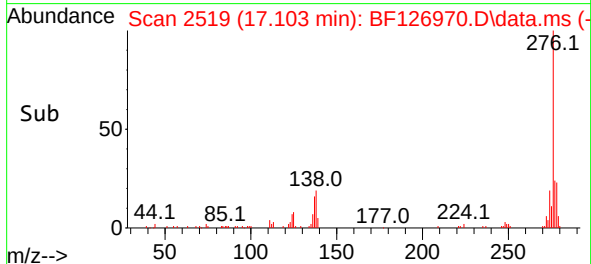
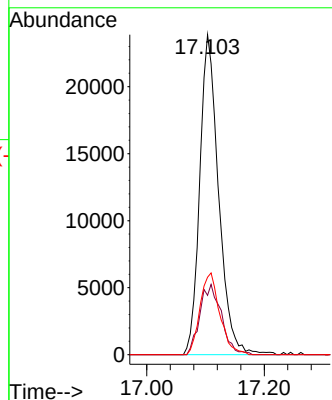
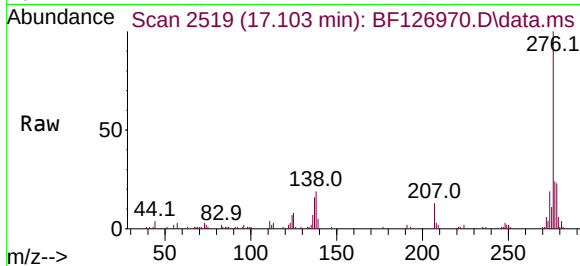




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.004 ng
 RT: 17.103 min Scan# 2185
 Delta R.T. -0.012 min
 Lab File: BF126970.D
 Acq: 21 Feb 2022 13:34

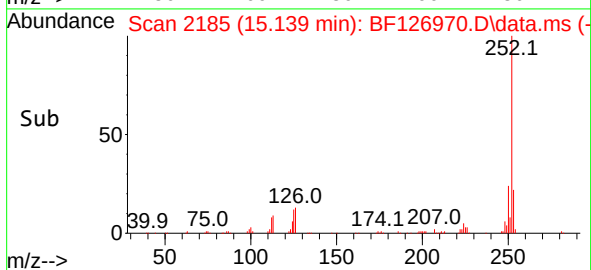
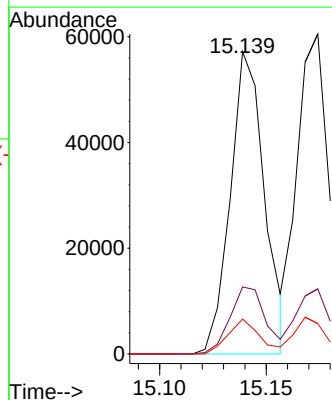
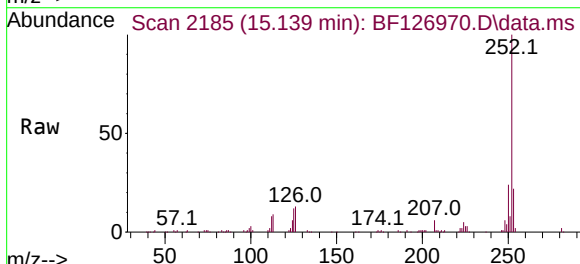
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

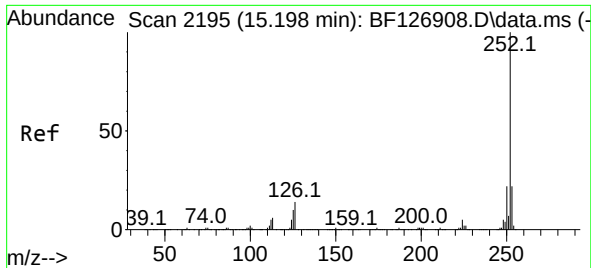
Tgt Ion:276 Resp: 53198
 Ion Ratio Lower Upper
 276 100
 138 25.0 29.2 43.8#
 277 26.7 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 3.524 ng
 RT: 15.139 min Scan# 2185
 Delta R.T. -0.012 min
 Lab File: BF126970.D
 Acq: 21 Feb 2022 13:34

Tgt Ion:252 Resp: 63925
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 11.5 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 3.697 ng

RT: 15.174 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT4-2021

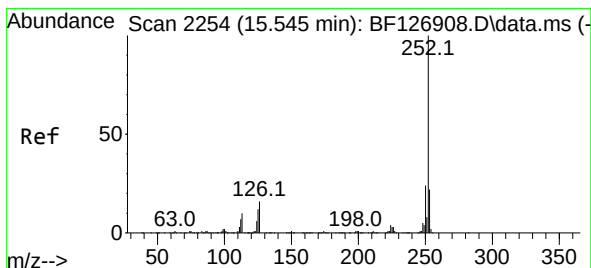
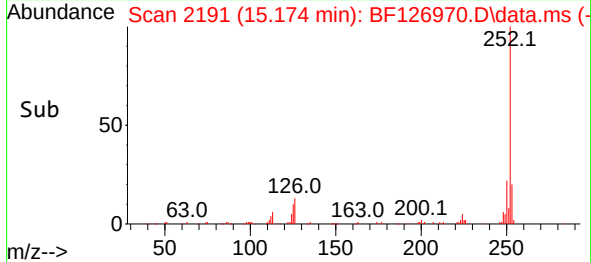
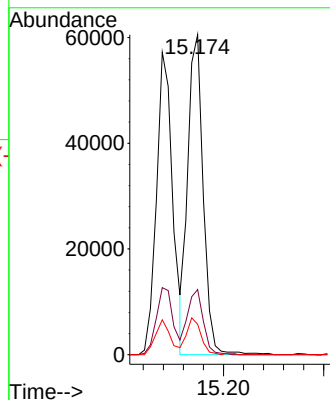
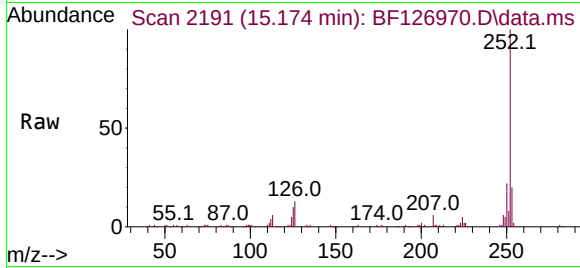
Tgt Ion:252 Resp: 64696

Ion Ratio Lower Upper

252 100

253 20.3 17.5 26.3

125 9.5 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 4.207 ng

RT: 15.521 min Scan# 2250

Delta R.T. -0.006 min

Lab File: BF126970.D

Acq: 21 Feb 2022 13:34

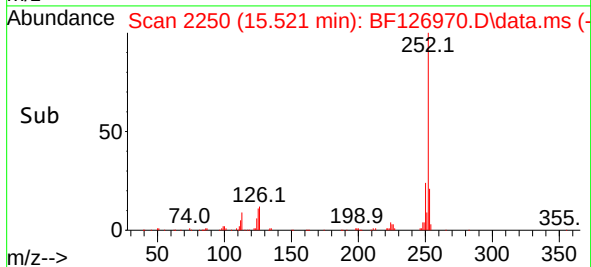
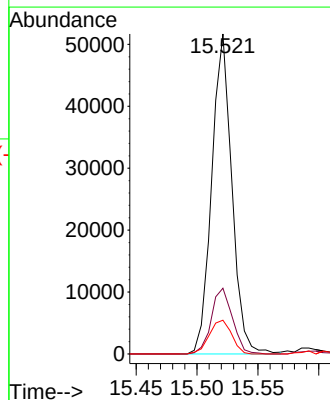
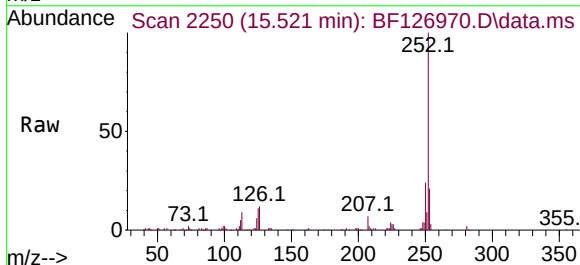
Tgt Ion:252 Resp: 59619

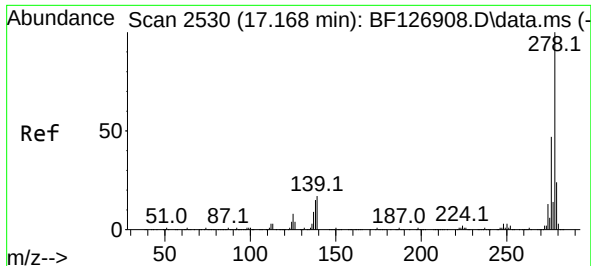
Ion Ratio Lower Upper

252 100

253 20.5 17.1 25.7

125 10.6 13.0 19.6#

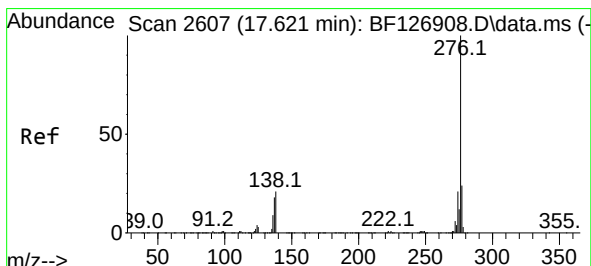
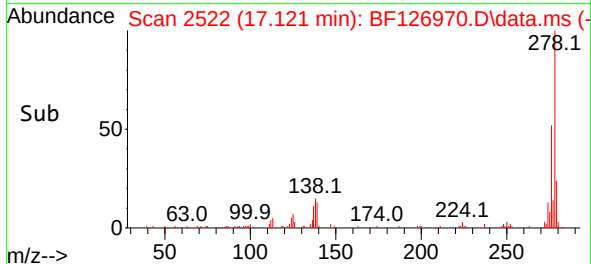
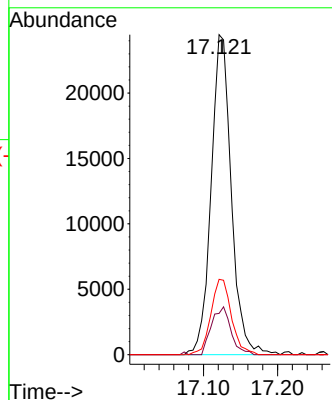
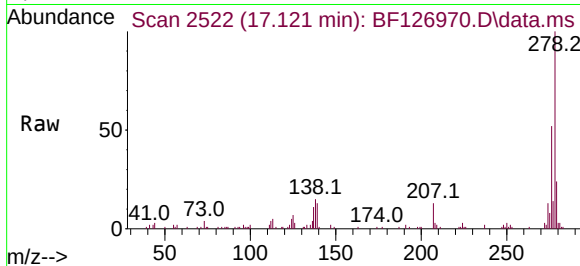




#91
Dibenzo(a,h)anthracene
Concen: 3.159 ng
RT: 17.121 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

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

Tgt Ion:278 Resp: 46273
Ion Ratio Lower Upper
278 100
139 12.9 18.0 27.0#
279 23.6 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 2.942 ng
RT: 17.562 min Scan# 2597
Delta R.T. -0.024 min
Lab File: BF126970.D
Acq: 21 Feb 2022 13:34

Tgt Ion:276 Resp: 42484
Ion Ratio Lower Upper
276 100
277 26.7 18.5 27.7
138 21.6 25.9 38.9#

