

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139042.D
 Acq On : 16 Aug 2024 01:18
 Operator : RC/JU
 Sample : P3485-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-SOILMSD

Quant Time: Aug 16 02:54:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	39463	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	158789	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	78905	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	114018	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	69014	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	63850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	245717	96.116	ng	0.00
7) Phenol-d6	6.487	99	330607	96.322	ng	0.00
23) Nitrobenzene-d5	7.404	82	220865	68.005	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	57102	88.347	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	371068	70.658	ng	-0.02
79) Terphenyl-d14	12.933	244	265790	64.480	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	47260	42.225	ng	94
3) Pyridine	3.416	79	121647	44.867	ng	93
4) n-Nitrosodimethylamine	3.387	42	103310	63.978	ng	82
6) Aniline	6.504	93	90313	29.504	ng	# 2
8) 2-Chlorophenol	6.628	128	151781	56.431	ng	99
9) Benzaldehyde	6.398	77	5761	2.800	ng	98
10) Phenol	6.498	94	192692	53.321	ng	89
11) bis(2-Chloroethyl)ether	6.575	93	141494	50.880	ng	99
12) 1,3-Dichlorobenzene	6.775	146	157263	52.233	ng	97
13) 1,4-Dichlorobenzene	6.851	146	161307	53.089	ng	99
14) 1,2-Dichlorobenzene	7.004	146	153424	54.030	ng	99
15) Benzyl Alcohol	6.987	79	145551	58.836	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	255656	53.418	ng	51
17) 2-Methylphenol	7.104	107	119364	53.743	ng	# 84
18) Hexachloroethane	7.340	117	61909	54.129	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	117515	56.687	ng	94
20) 3+4-Methylphenols	7.257	107	163002	57.201	ng	# 86
22) Acetophenone	7.251	105	207029	53.249	ng	99
24) Nitrobenzene	7.422	77	179347	54.268	ng	98
25) Isophorone	7.663	82	307050	55.367	ng	98
26) 2-Nitrophenol	7.739	139	80058	56.305	ng	92
27) 2,4-Dimethylphenol	7.781	122	99140	58.277	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	177841	52.659	ng	98
29) 2,4-Dichlorophenol	7.987	162	122859	56.202	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	135476	53.702	ng	97
31) Naphthalene	8.139	128	445787	53.336	ng	100
32) Benzoic acid	7.934	122	46267	34.598	ng	95
33) 4-Chloroaniline	8.198	127	39905	14.223	ng	99
34) Hexachlorobutadiene	8.251	225	83669	54.757	ng	98
35) Caprolactam	8.575	113	26501	40.628	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	137743	55.135	ng	100
37) 2-Methylnaphthalene	8.828	142	277361	52.544	ng	100
38) 1-Methylnaphthalene	8.928	142	257187	49.721	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	116375	53.094	ng	99
41) Hexachlorocyclopentadiene	8.975	237	49727	85.215	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	74158	55.490	ng	99

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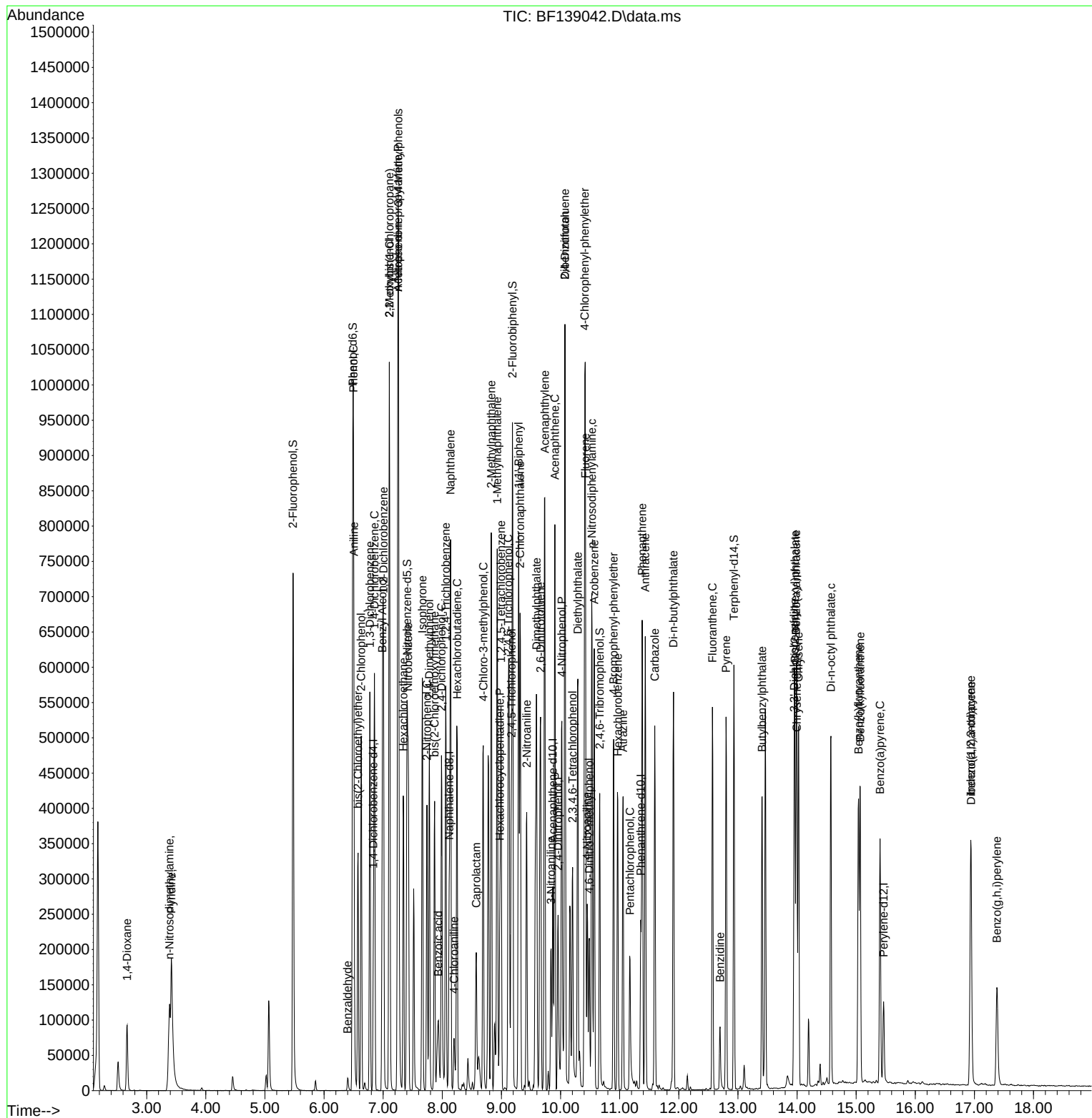
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	75945	51.982	ng	99
46) 1,1'-Biphenyl	9.292	154	324196	52.461	ng	99
47) 2-Chloronaphthalene	9.316	162	254700	55.417	ng	98
48) 2-Nitroaniline	9.428	65	93663	60.113	ng	95
49) Acenaphthylene	9.733	152	388588	59.612	ng	100
50) Dimethylphthalate	9.592	163	307725	60.993	ng	100
51) 2,6-Dinitrotoluene	9.663	165	63625	55.879	ng	# 82
52) Acenaphthene	9.904	154	238098	54.337	ng	100
53) 3-Nitroaniline	9.839	138	36224	30.774	ng	93
54) 2,4-Dinitrophenol	9.957	184	41798	79.745	ng	84
55) Dibenzofuran	10.075	168	350616	56.683	ng	96
56) 4-Nitrophenol	10.022	139	51357	72.554	ng	84
57) 2,4-Dinitrotoluene	10.075	165	83090	57.197	ng	# 78
58) Fluorene	10.422	166	273463	55.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	55894	50.042	ng	# 97
60) Diethylphthalate	10.292	149	288192	60.243	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	138439	57.145	ng	97
62) 4-Nitroaniline	10.451	138	47783	42.717	ng	85
63) Azobenzene	10.569	77	296254	55.837	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	36584	52.593	ng	96
66) n-Nitrosodiphenylamine	10.528	169	227324	63.784	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	72031	58.350	ng	95
68) Hexachlorobenzene	10.969	284	72964	57.245	ng	98
69) Atrazine	11.057	200	63328	68.872	ng	99
70) Pentachlorophenol	11.175	266	38509	67.029	ng	98
71) Phenanthrene	11.380	178	338797	57.707	ng	99
72) Anthracene	11.433	178	333669	57.691	ng	99
73) Carbazole	11.592	167	273490	54.808	ng	99
74) Di-n-butylphthalate	11.910	149	366593	65.352	ng	99
75) Fluoranthene	12.569	202	298672	54.493	ng	98
77) Benzidine	12.698	184	51142	30.982	ng	99
78) Pyrene	12.798	202	297308	45.755	ng	99
80) Butylbenzylphthalate	13.410	149	126015	60.561	ng	98
81) Benzo(a)anthracene	13.986	228	286970	60.384	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	50933	41.880	ng	98
83) Chrysene	14.027	228	239496	55.858	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	177935	58.397	ng	98
85) Di-n-octyl phthalate	14.574	149	309089	54.828	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	173897	38.004	ng	96
88) Benzo(b)fluoranthene	15.039	252	242884	61.364	ng	98
89) Benzo(k)fluoranthene	15.068	252	221660	64.681	ng	98
90) Benzo(a)pyrene	15.404	252	200029	60.081	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	139809	37.222	ng	97
92) Benzo(g,h,i)perylene	17.380	276	123748	31.749	ng	96

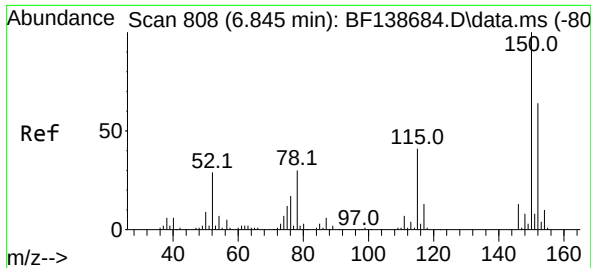
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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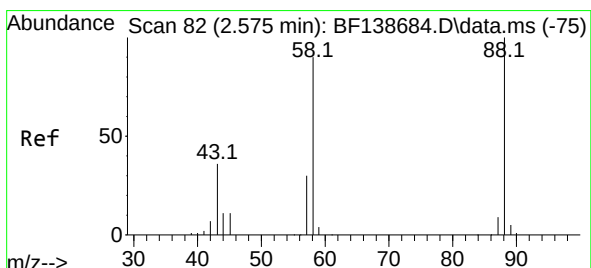
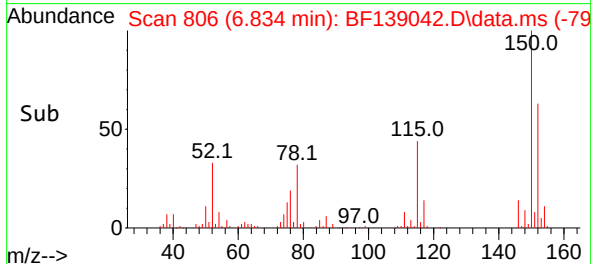
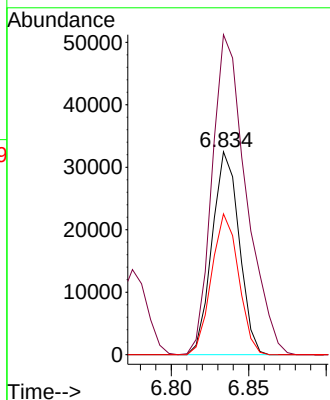
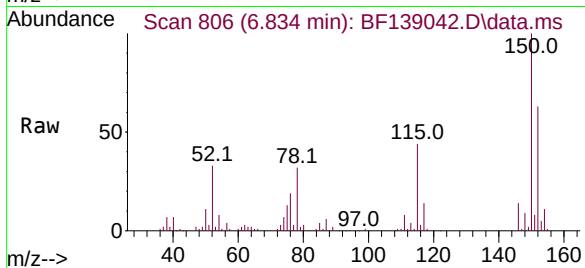




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF139042.D
 Acq: 16 Aug 2024 01:18

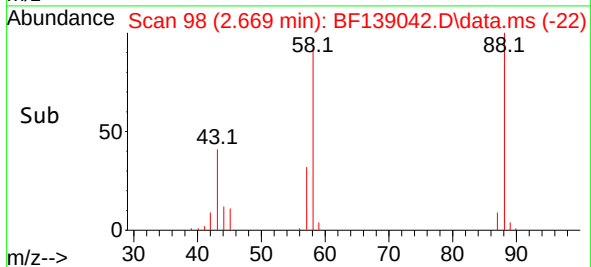
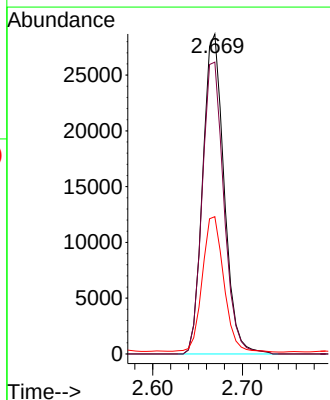
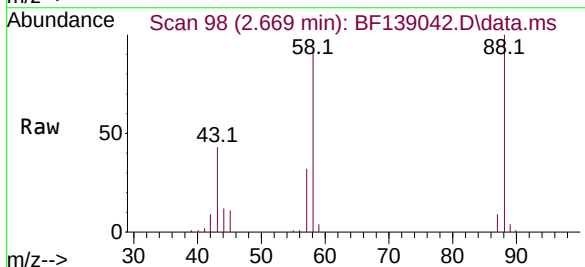
Instrument :
 BNA_F
 ClientSampleId :
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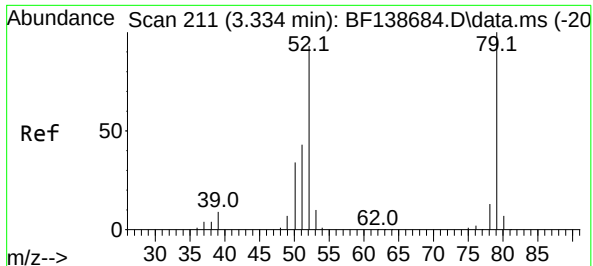
Tgt Ion:152 Resp: 39463
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.0 189.0
 115 69.4 51.7 77.5



#2
 1,4-Dioxane
 Concen: 42.225 ng
 RT: 2.669 min Scan# 98
 Delta R.T. 0.094 min
 Lab File: BF139042.D
 Acq: 16 Aug 2024 01:18

Tgt Ion: 88 Resp: 47260
 Ion Ratio Lower Upper
 88 100
 58 92.8 71.6 107.4
 43 42.8 28.7 43.1

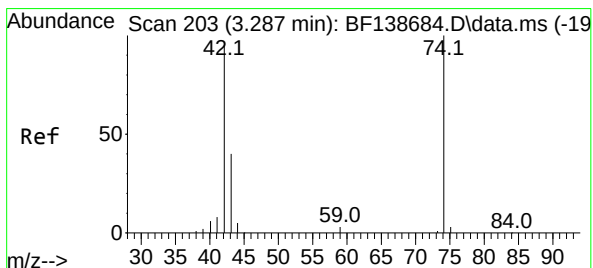
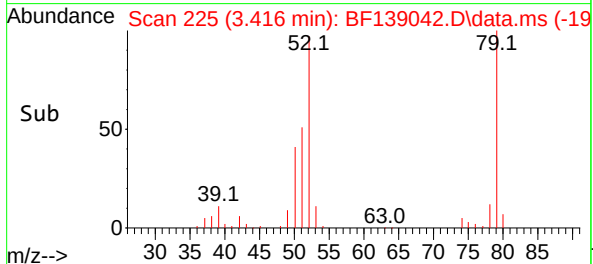
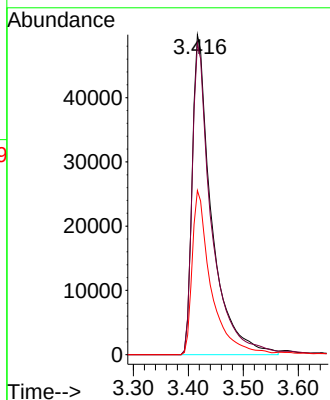
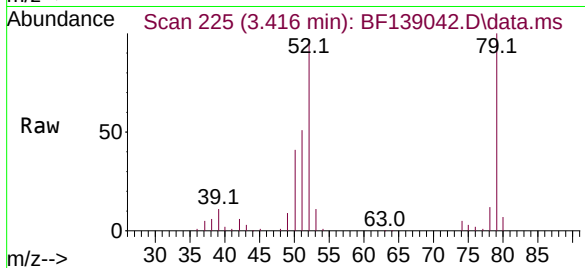




#3
Pyridine
Concen: 44.867 ng
RT: 3.416 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

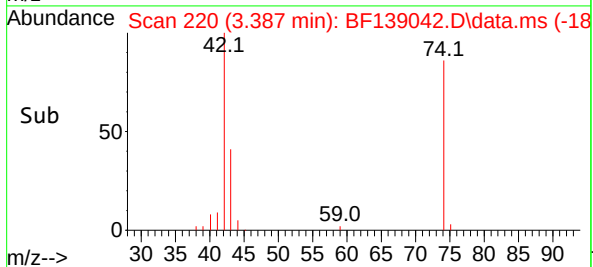
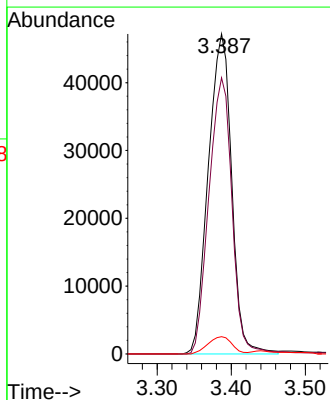
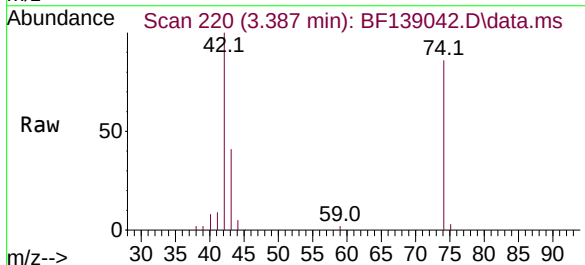
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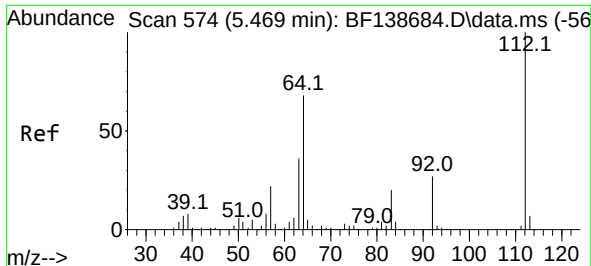
Tgt Ion: 79 Resp: 121647
Ion Ratio Lower Upper
79 100
52 97.2 74.7 112.1
51 51.3 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 63.978 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.100 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion: 42 Resp: 103310
Ion Ratio Lower Upper
42 100
74 86.3 84.2 126.4
44 5.4 4.9 7.3

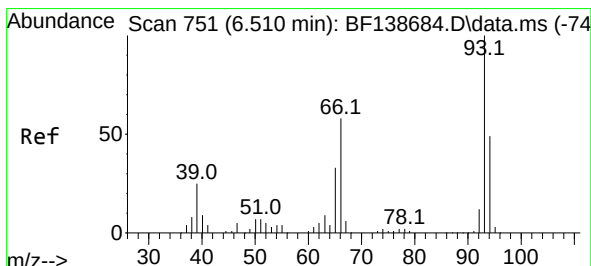
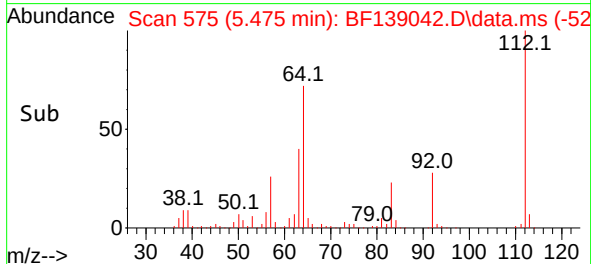
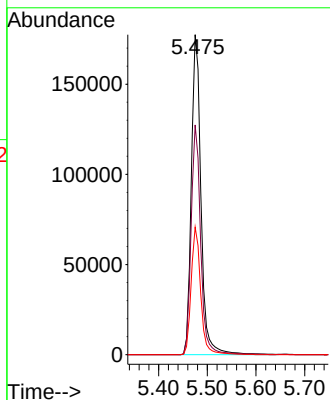
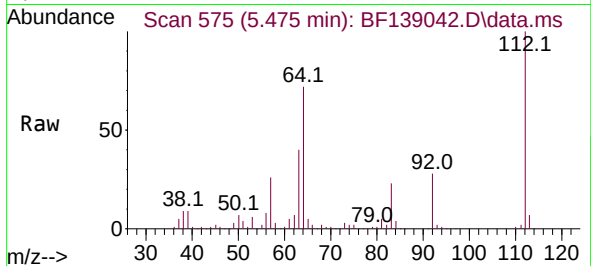




#5
2-Fluorophenol
Concen: 96.116 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

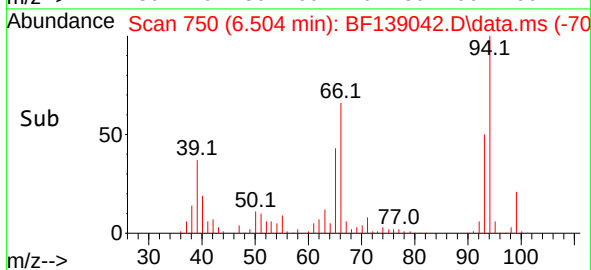
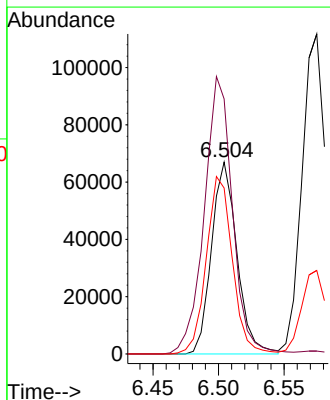
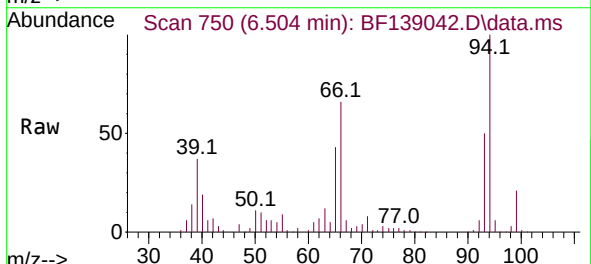
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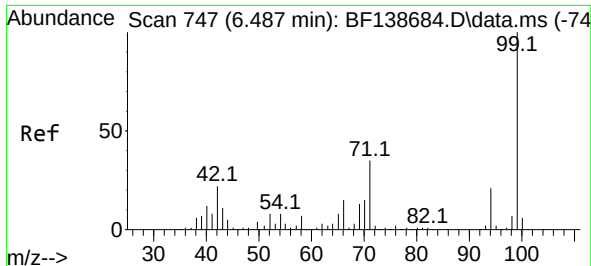
Tgt Ion:112 Resp: 245717
Ion Ratio Lower Upper
112 100
64 71.8 54.2 81.4
63 39.8 28.7 43.1



#6
Aniline
Concen: 29.504 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139042.D
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Tgt Ion: 93 Resp: 90313
Ion Ratio Lower Upper
93 100
66 132.9 46.9 70.3#
65 86.5 26.5 39.7#

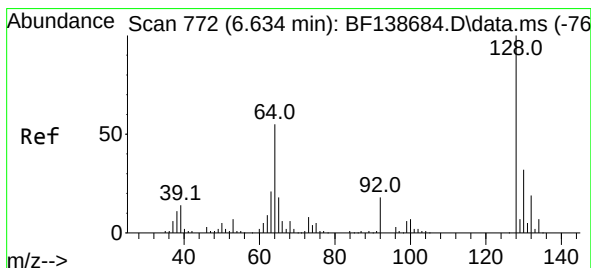
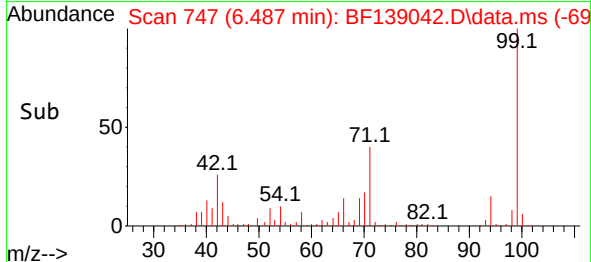
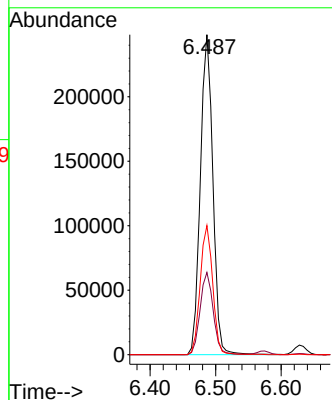
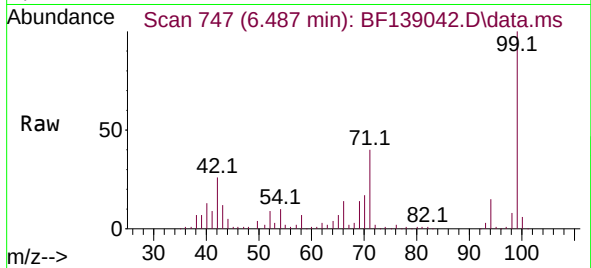




#7
Phenol-d6
Concen: 96.322 ng
RT: 6.487 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF139042.D
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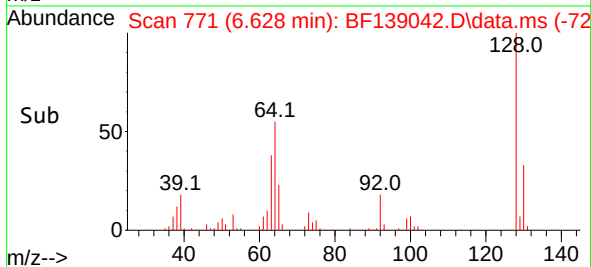
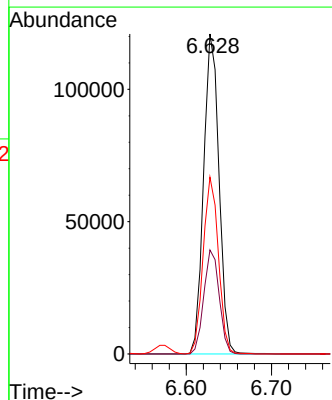
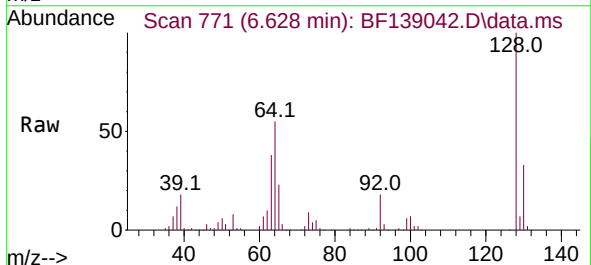
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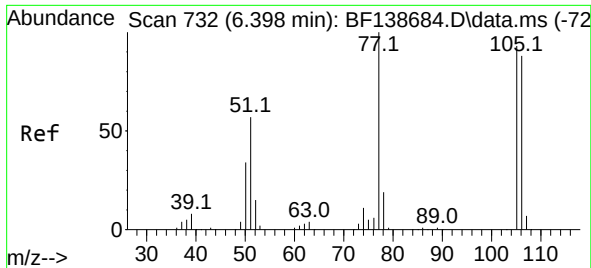
Tgt Ion: 99 Resp: 330607
Ion Ratio Lower Upper
99 100
42 25.7 17.4 26.0
71 40.3 28.1 42.1



#8
2-Chlorophenol
Concen: 56.431 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:128 Resp: 151781
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 55.2 36.3 76.3





#9

Benzaldehyde

Concen: 2.800 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139042.D

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Instrument :

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ClientSampleId :

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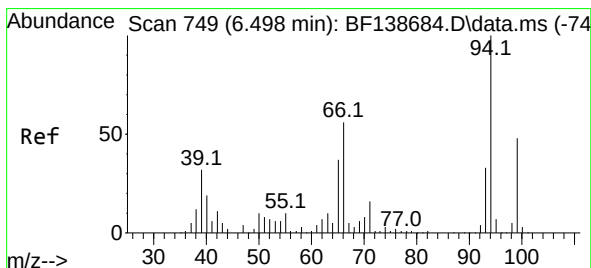
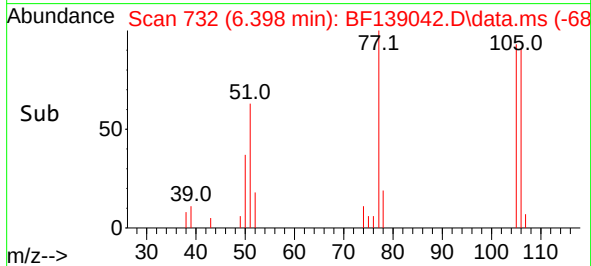
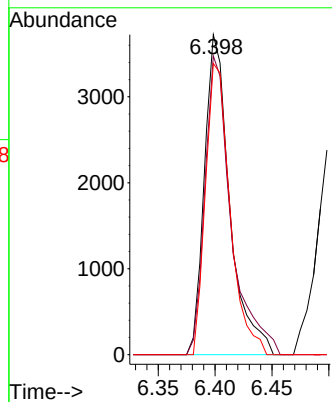
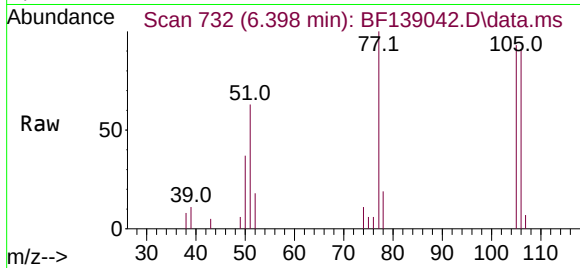
Tgt Ion: 77 Resp: 5761

Ion Ratio Lower Upper

77 100

105 93.3 72.9 112.9

106 91.0 68.4 108.4



#10

Phenol

Concen: 53.321 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF139042.D

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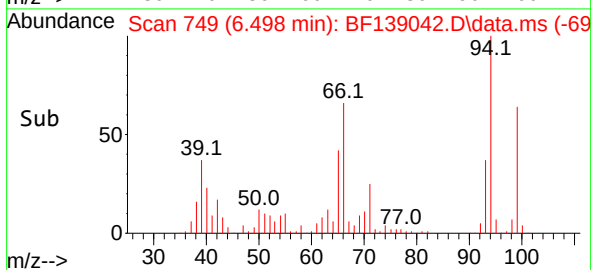
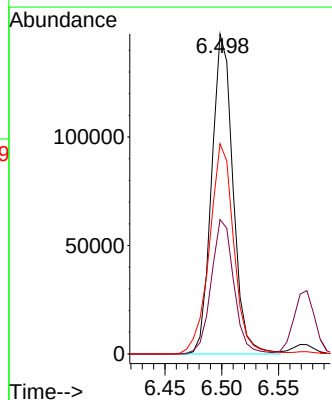
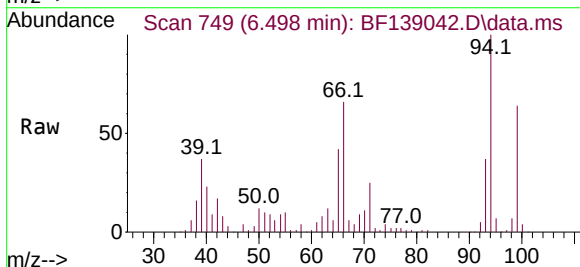
Tgt Ion: 94 Resp: 192692

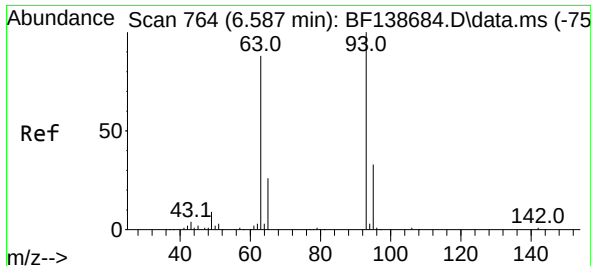
Ion Ratio Lower Upper

94 100

65 42.0 16.9 56.9

66 65.7 36.5 76.5

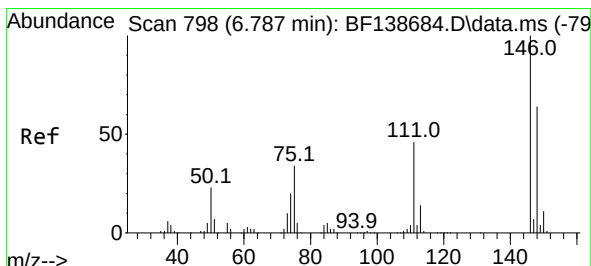
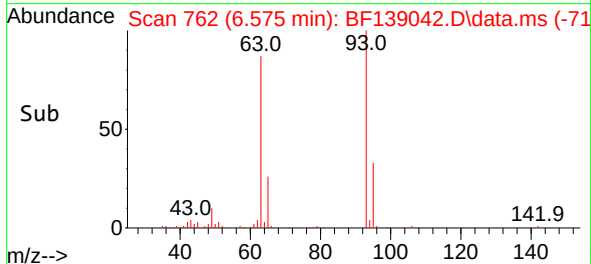
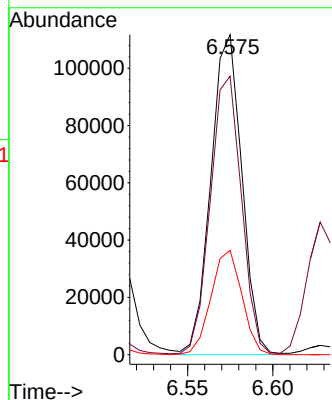
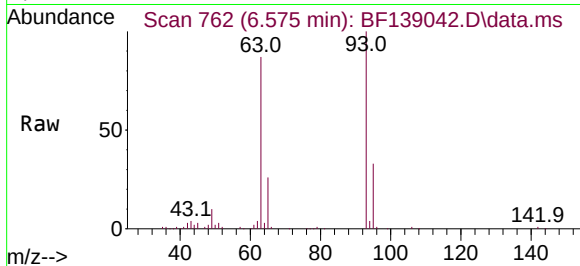




#11
bis(2-Chloroethyl)ether
Concen: 50.880 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

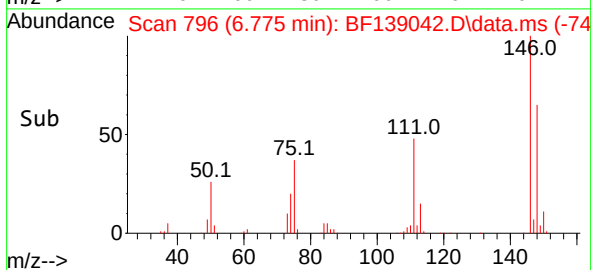
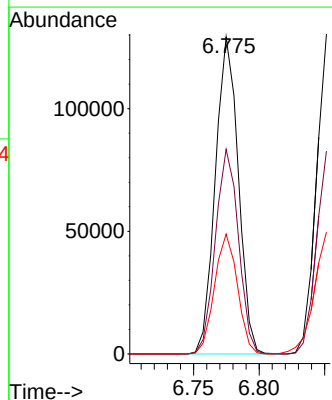
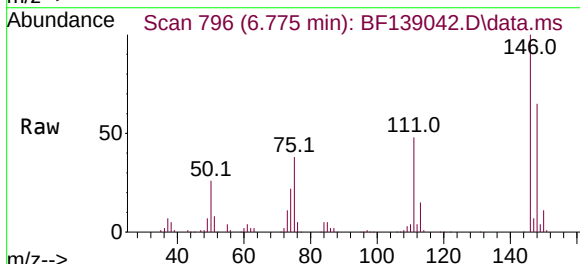
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

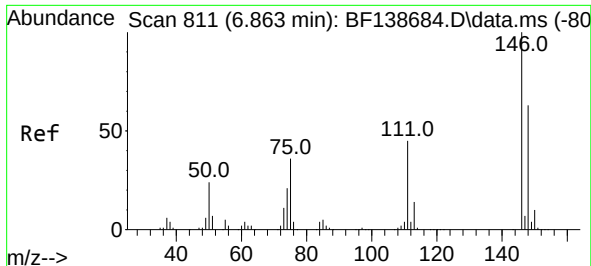
Tgt Ion: 93 Resp: 141494
Ion Ratio Lower Upper
93 100
63 87.1 65.3 105.3
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 52.233 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion: 146 Resp: 157263
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 37.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 53.089 ng

RT: 6.851 min Scan# 809

Delta R.T. -0.012 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

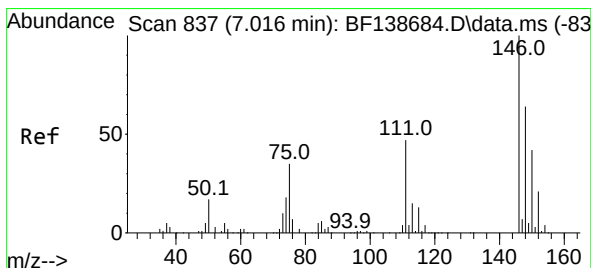
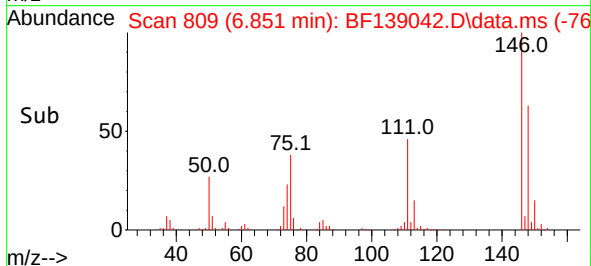
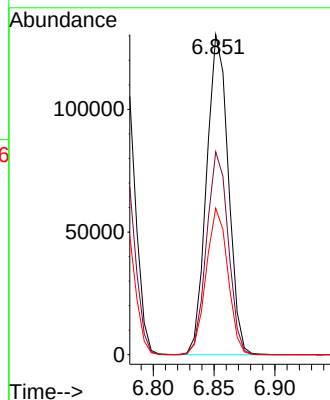
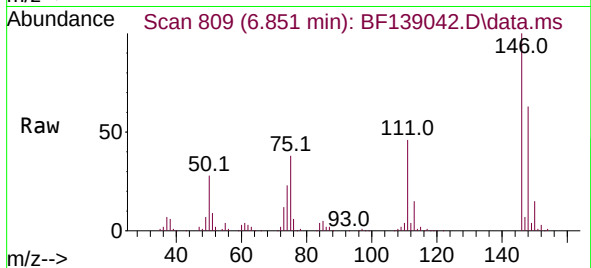
Tgt Ion:146 Resp: 161307

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 45.7 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 54.030 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

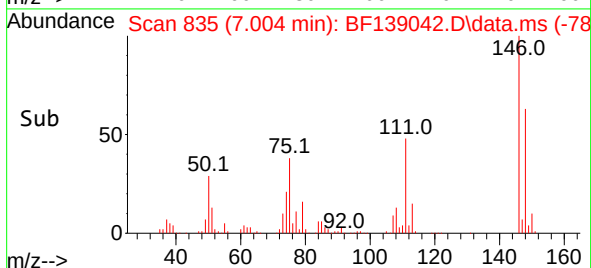
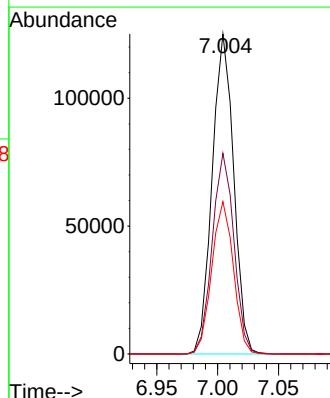
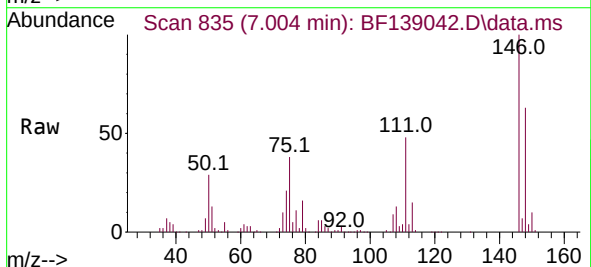
Tgt Ion:146 Resp: 153424

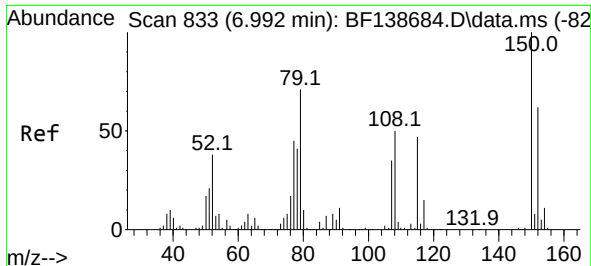
Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

111 47.6 37.4 56.2

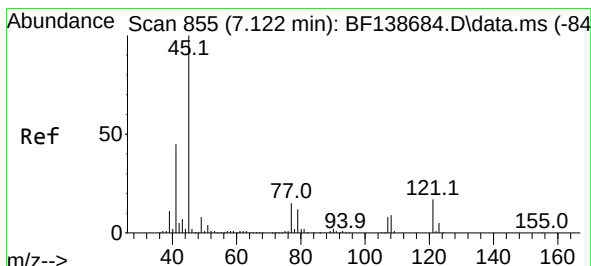
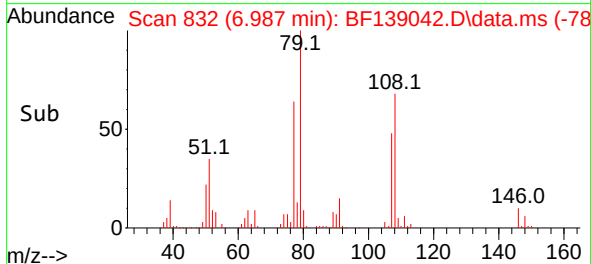
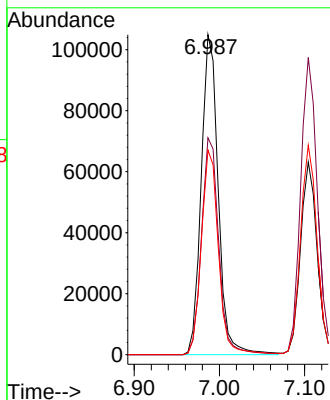
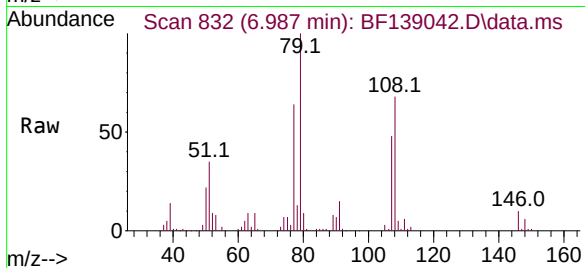




#15
Benzyl Alcohol
Concen: 58.836 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

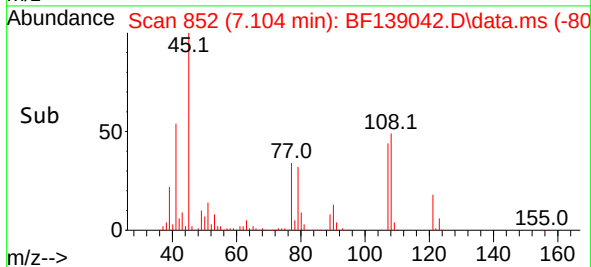
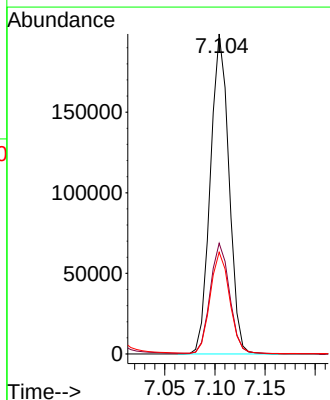
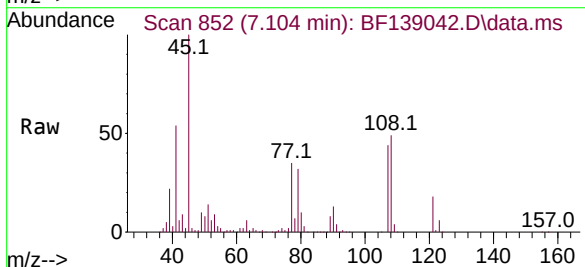
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

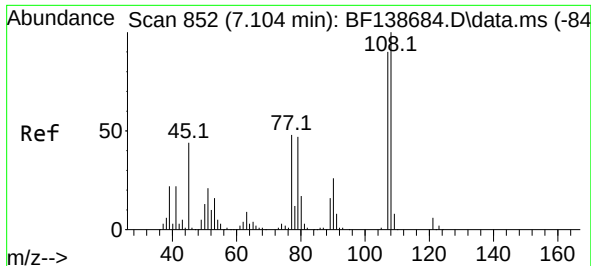
Tgt Ion: 79 Resp: 145551
Ion Ratio Lower Upper
79 100
108 67.8 56.6 85.0
77 64.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.418 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion: 45 Resp: 255656
Ion Ratio Lower Upper
45 100
77 34.6 0.0 34.9
79 31.8 0.0 32.2

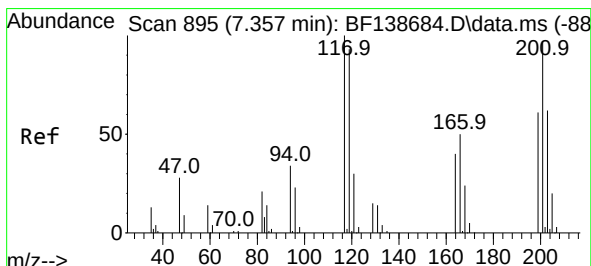
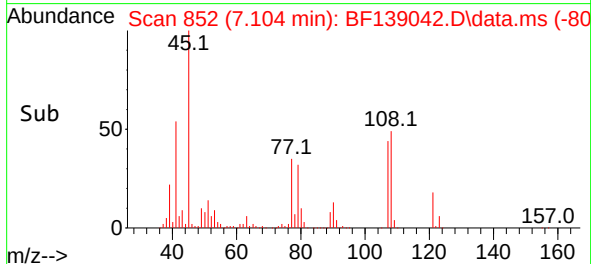
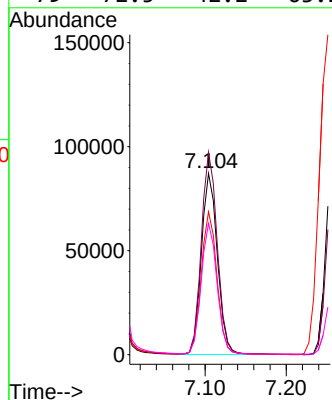
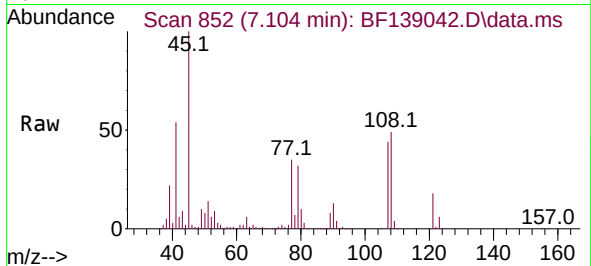




#17
2-Methylphenol
Concen: 53.743 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

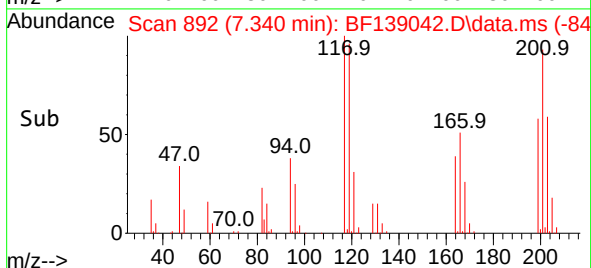
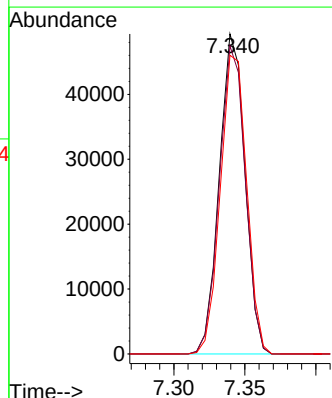
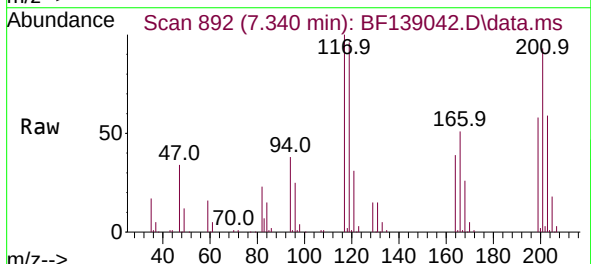
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

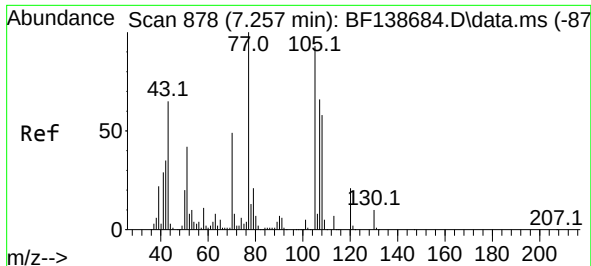
Tgt Ion:107 Resp: 119364
Ion Ratio Lower Upper
107 100
108 111.8 89.2 133.8
77 78.8 43.0 64.4#
79 72.5 42.2 63.2#



#18
Hexachloroethane
Concen: 54.129 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

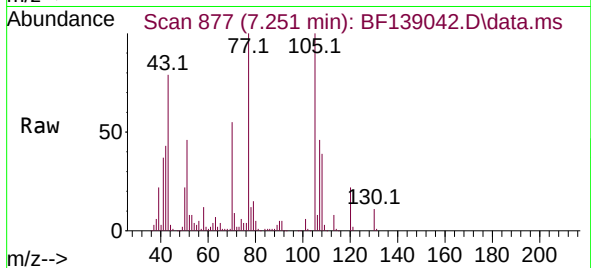
Tgt Ion:117 Resp: 61909
Ion Ratio Lower Upper
117 100
119 96.2 74.6 111.8
201 93.3 77.2 115.8



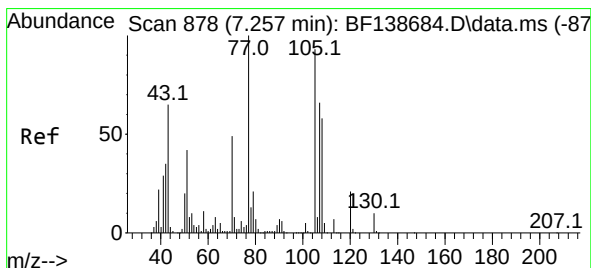
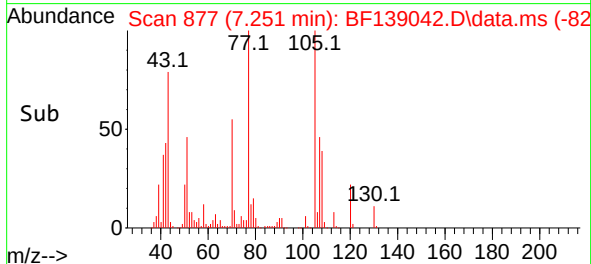
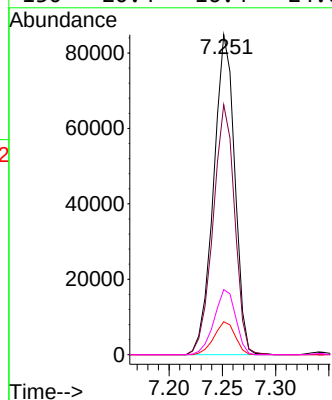


#19
n-Nitroso-di-n-propylamine
Concen: 56.687 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

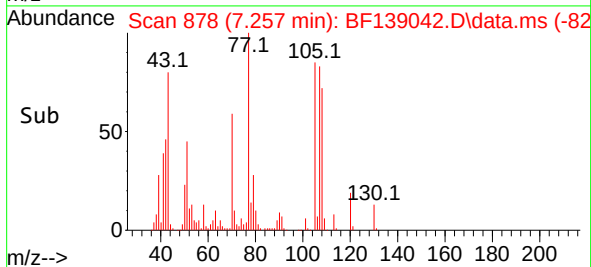
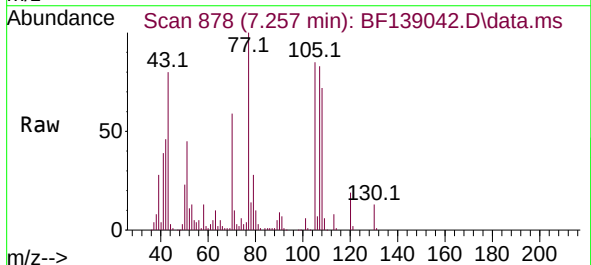
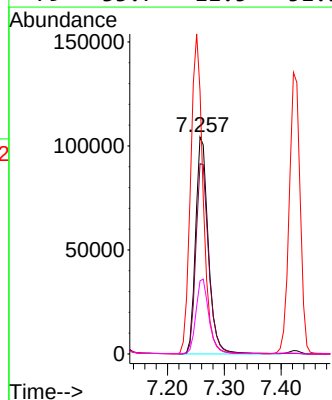


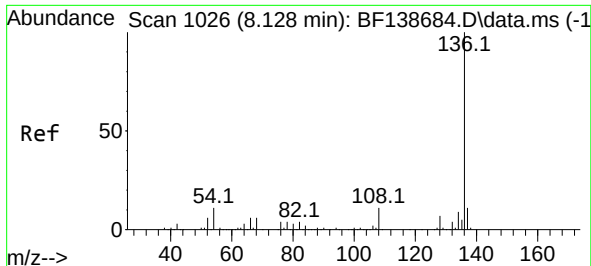
Tgt Ion: 70 Resp: 117515
Ion Ratio Lower Upper
70 100
42 78.1 57.4 86.0
101 10.3 7.5 11.3
130 20.4 16.4 24.6



#20
3+4-Methylphenols
Concen: 57.201 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

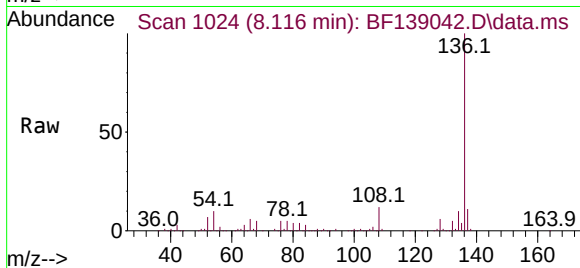
Tgt Ion:107 Resp: 163002
Ion Ratio Lower Upper
107 100
108 87.7 68.2 108.2
77 121.1 132.1 172.1#
79 33.7 11.5 51.5



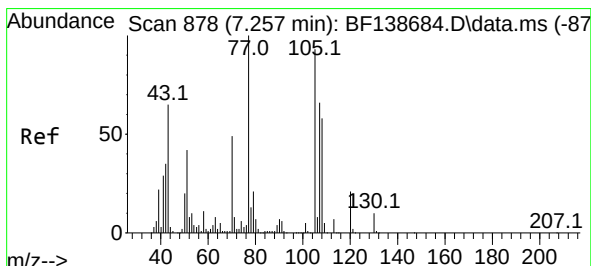
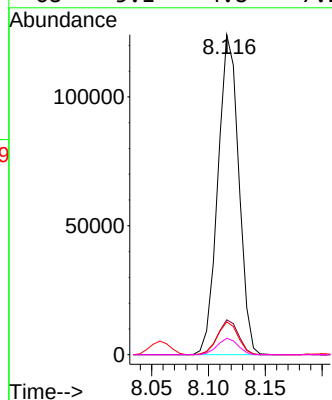
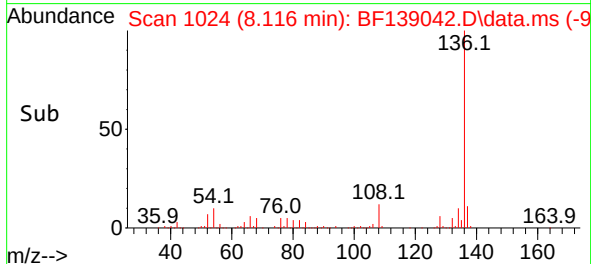


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

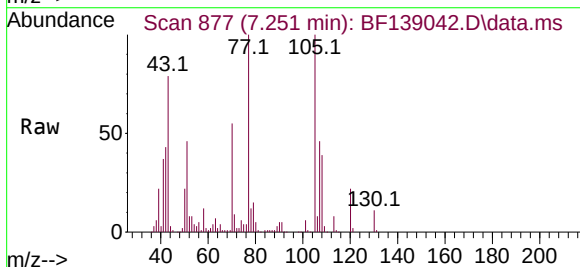
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD



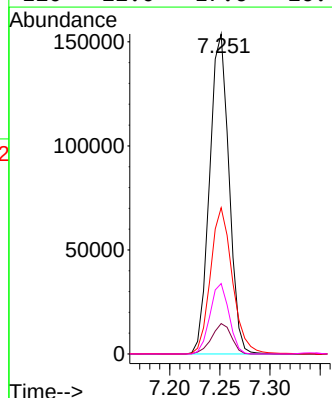
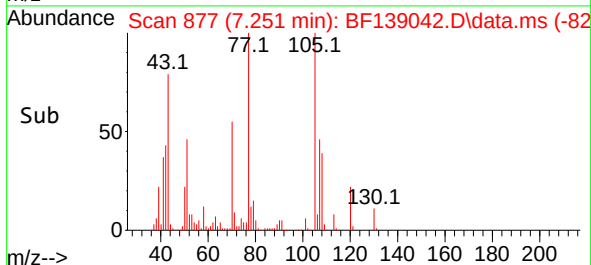
Tgt Ion:136 Resp: 158789
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.3 8.6 12.8
68 5.1 4.8 7.2

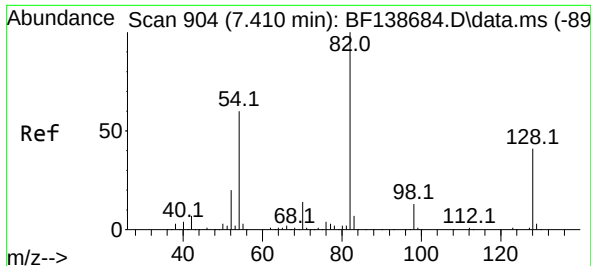


#22
Acetophenone
Concen: 53.249 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18



Tgt Ion:105 Resp: 207029
Ion Ratio Lower Upper
105 100
71 9.5 7.2 10.8
51 45.7 35.9 53.9
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 68.005 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

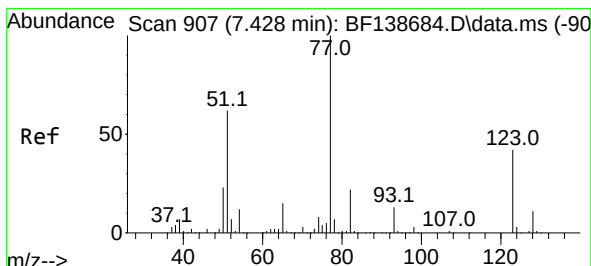
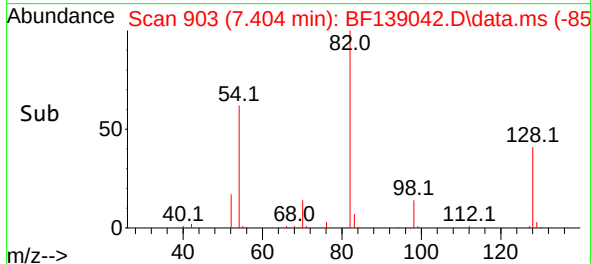
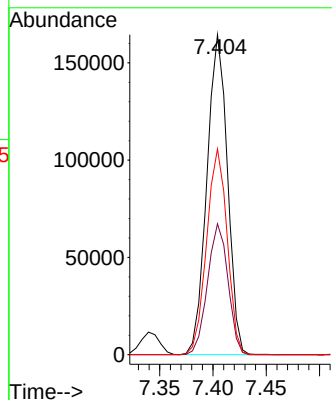
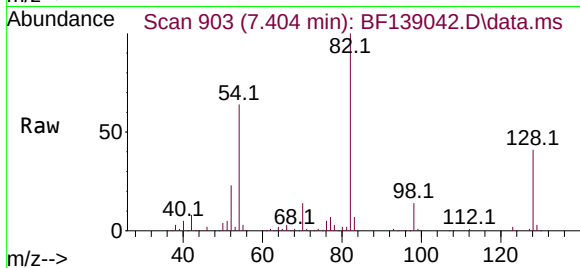
Tgt Ion: 82 Resp: 220865

Ion Ratio Lower Upper

82 100

128 40.9 32.8 49.2

54 64.3 48.3 72.5



#24

Nitrobenzene

Concen: 54.268 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

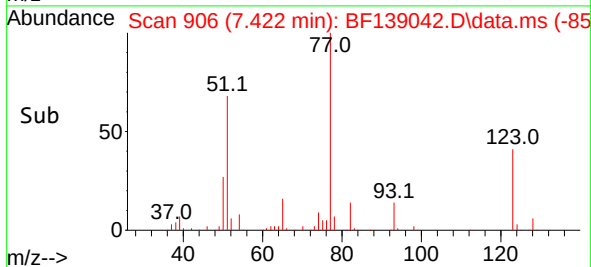
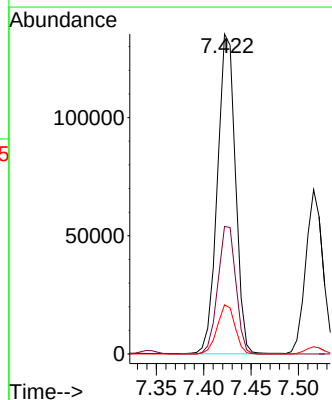
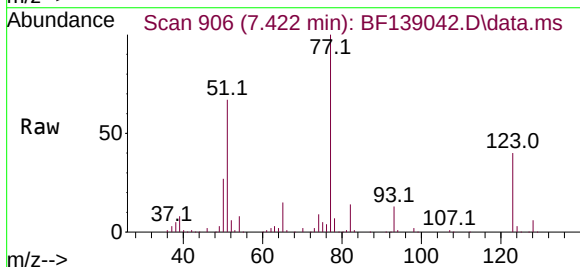
Tgt Ion: 77 Resp: 179347

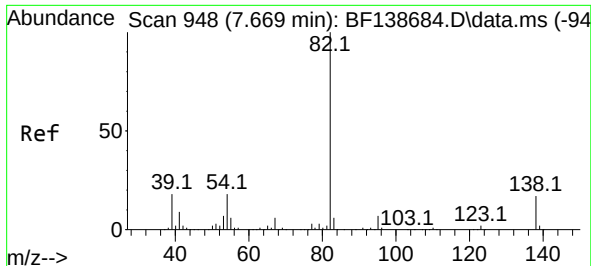
Ion Ratio Lower Upper

77 100

123 39.9 33.3 49.9

65 15.3 11.9 17.9

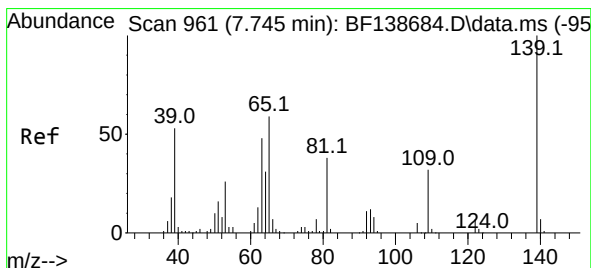
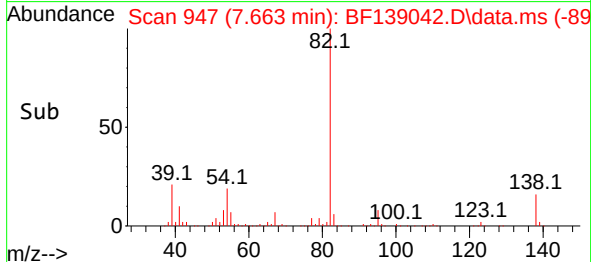
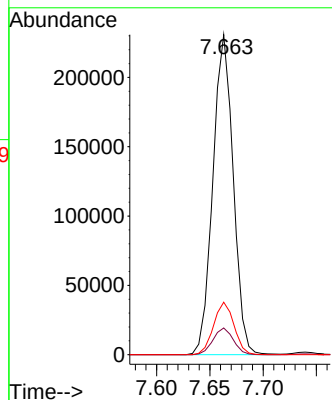
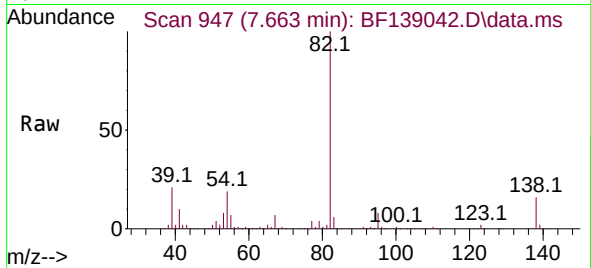




#25
Isophorone
Concen: 55.367 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

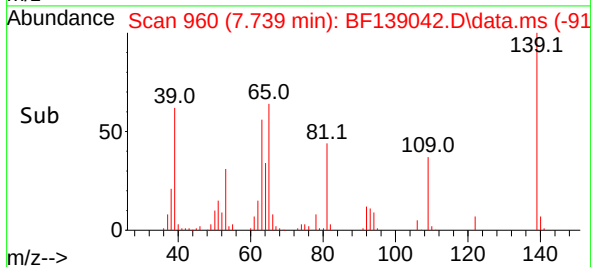
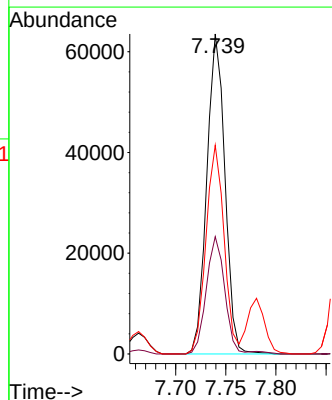
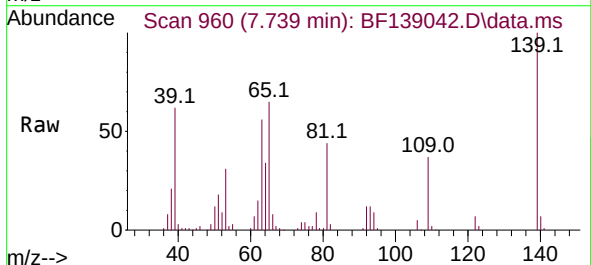
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

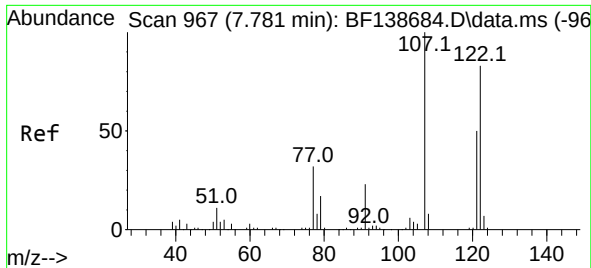
Tgt Ion: 82 Resp: 307050
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 16.4 13.7 20.5



#26
2-Nitrophenol
Concen: 56.305 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:139 Resp: 80058
Ion Ratio Lower Upper
139 100
109 36.6 25.9 38.9
65 65.2 47.0 70.6

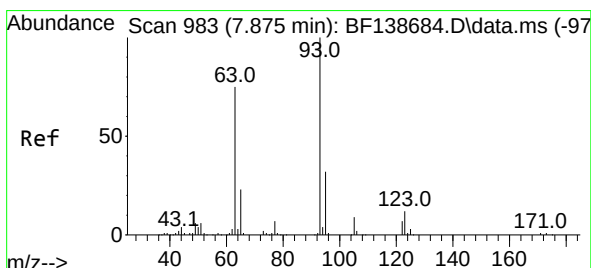
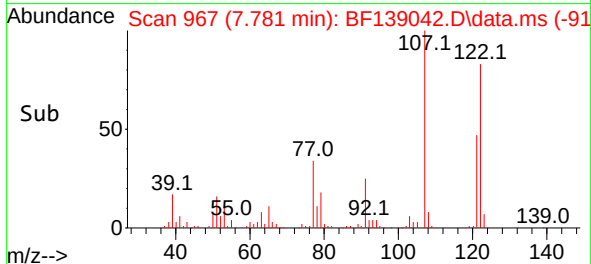
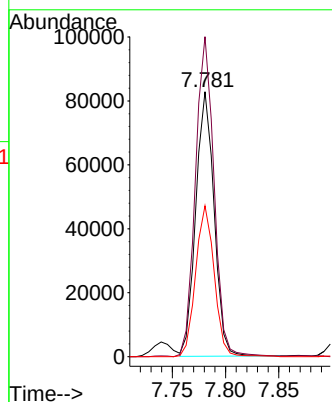
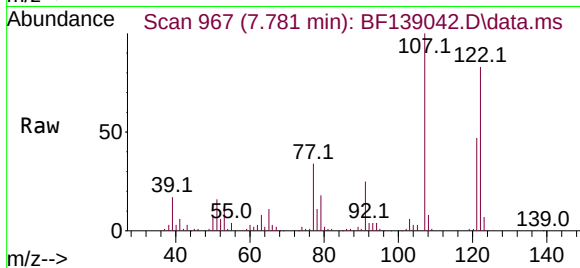




#27
2,4-Dimethylphenol
Concen: 58.277 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

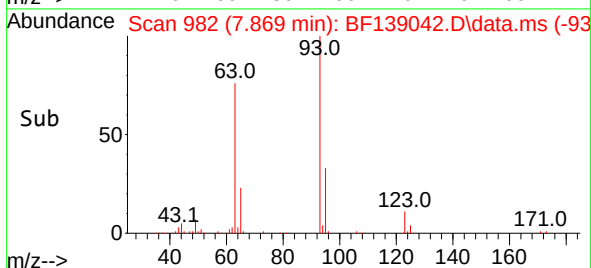
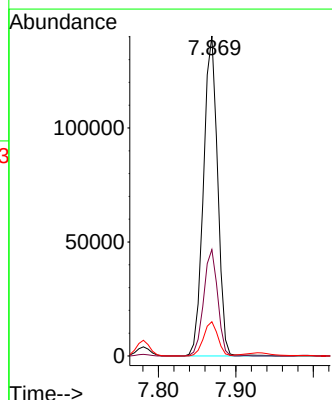
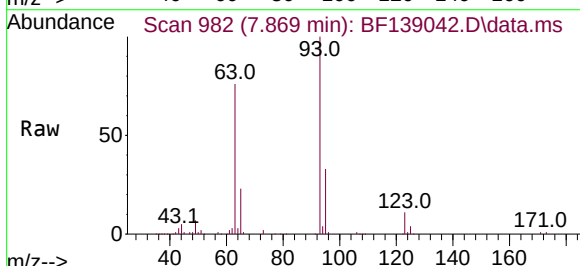
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

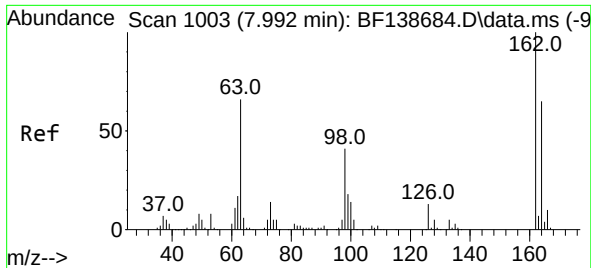
Tgt Ion:122 Resp: 99140
Ion Ratio Lower Upper
122 100
107 120.8 95.0 142.6
121 56.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 52.659 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion: 93 Resp: 177841
Ion Ratio Lower Upper
93 100
95 33.2 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 56.202 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

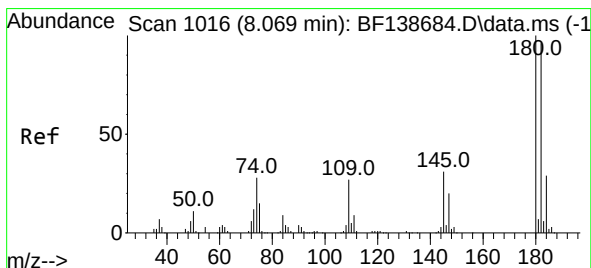
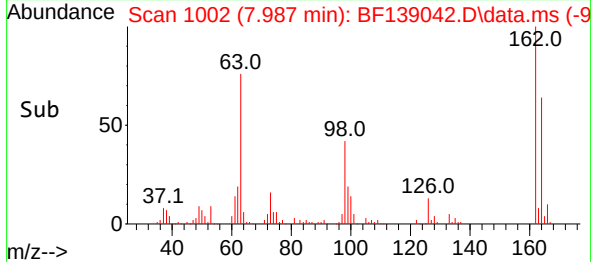
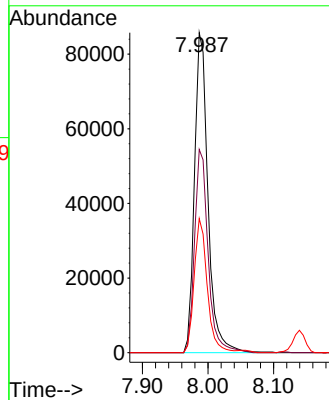
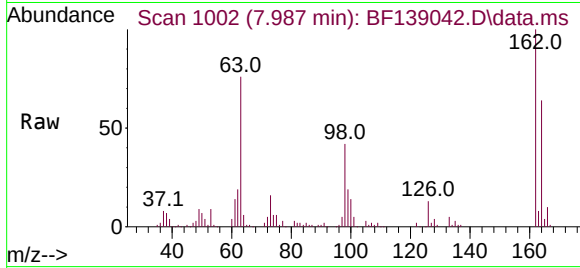
Tgt Ion:162 Resp: 122859

Ion Ratio Lower Upper

162 100

164 63.5 44.7 84.7

98 41.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 53.702 ng

RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

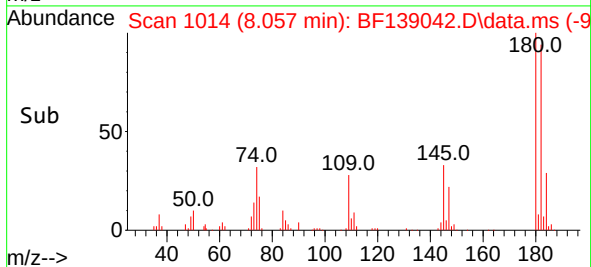
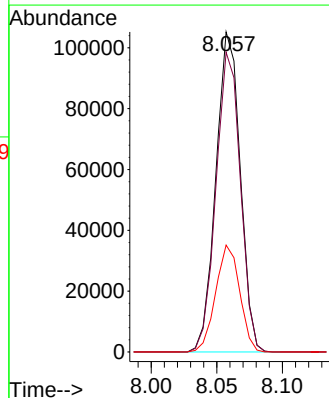
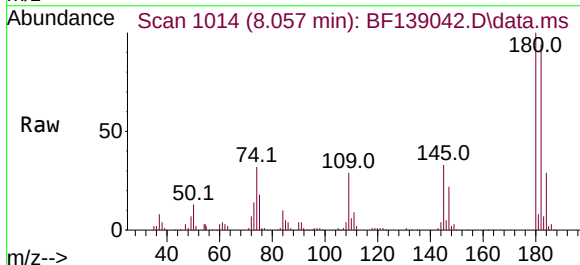
Tgt Ion:180 Resp: 135476

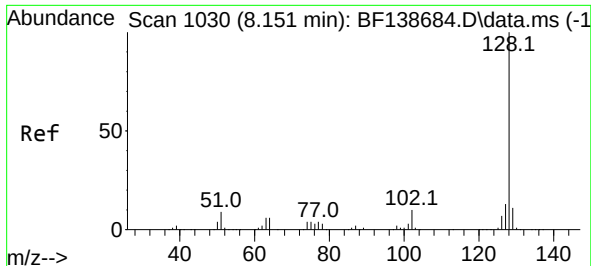
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

145 33.4 25.0 37.4

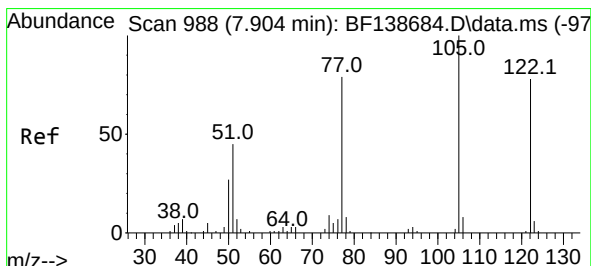
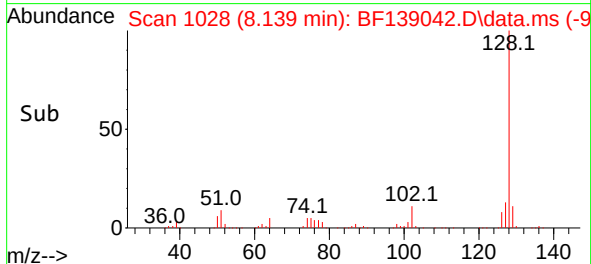
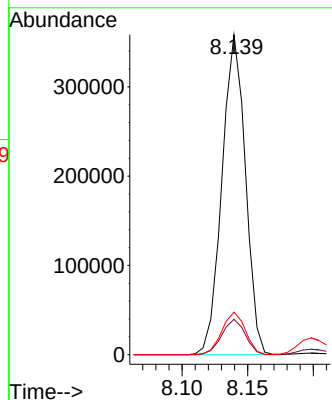
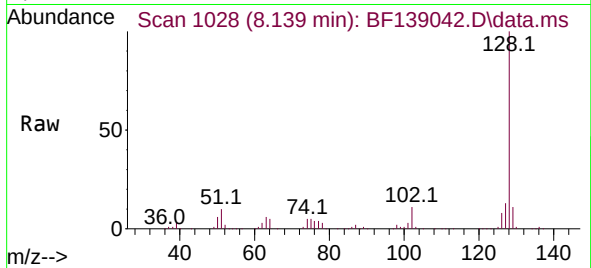




#31
Naphthalene
Concen: 53.336 ng
RT: 8.139 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

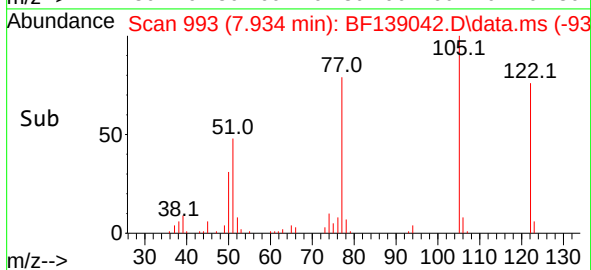
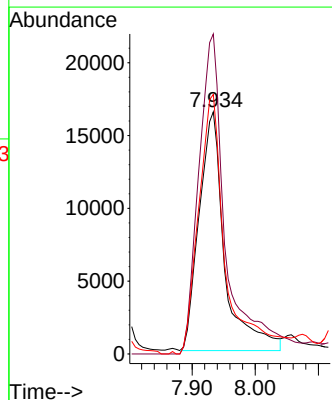
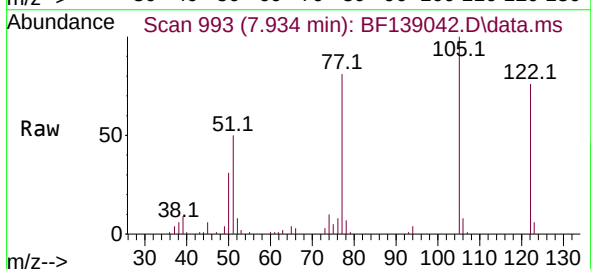
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BNA_F
ClientSampleId :
C-SOILMSD

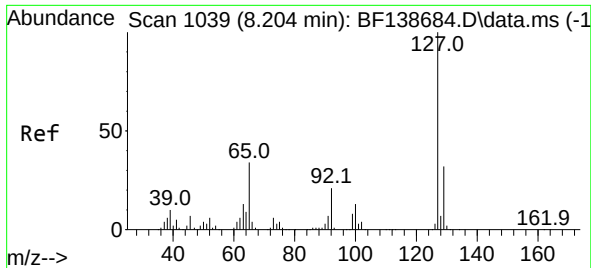
Tgt Ion:128 Resp: 445787
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 34.598 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.030 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:122 Resp: 46267
Ion Ratio Lower Upper
122 100
105 132.2 106.7 146.7
77 107.2 81.1 121.1

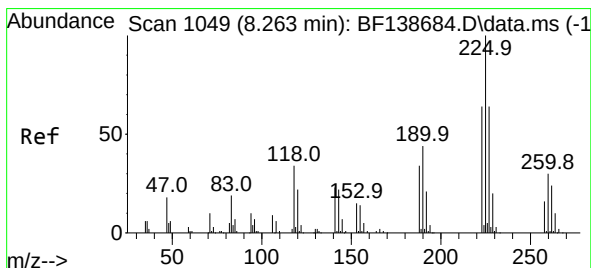
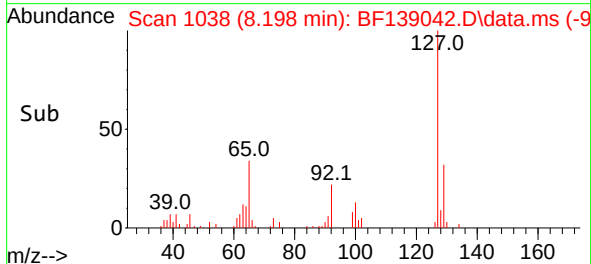
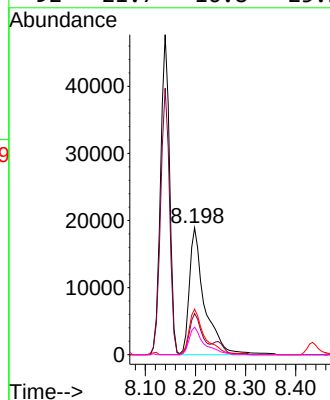
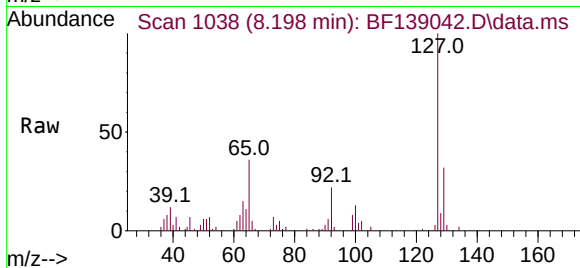




#33
4-Chloroaniline
Concen: 14.223 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

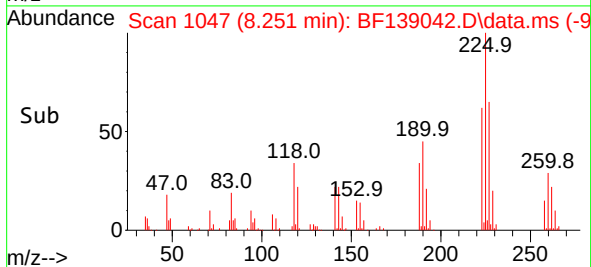
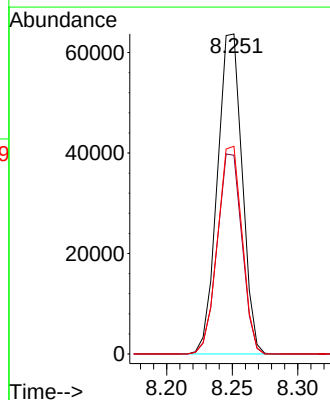
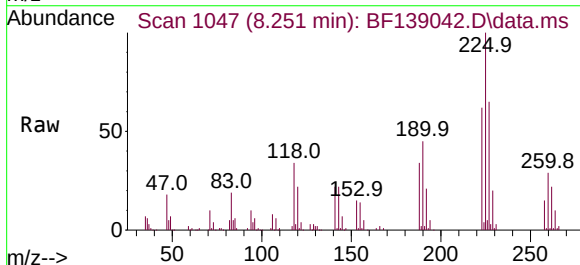
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

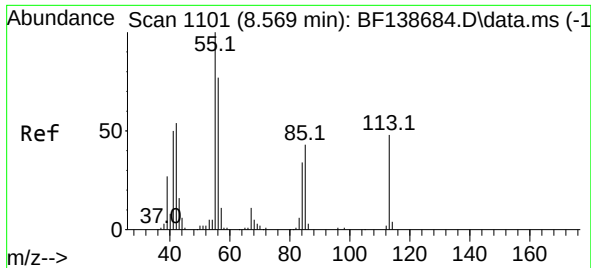
Tgt Ion:	127	Resp:	39905
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.9	38.9
65	35.9	27.6	41.4
92	21.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 54.757 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:	225	Resp:	83669
Ion Ratio	Lower	Upper	
225	100		
223	62.1	51.2	76.8
227	64.9	51.1	76.7

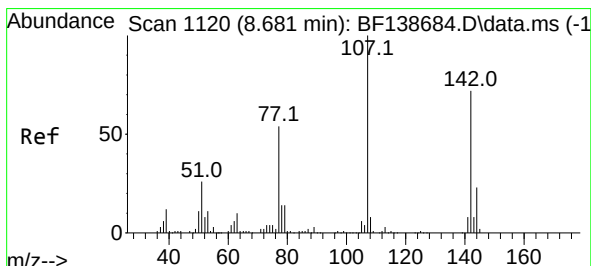
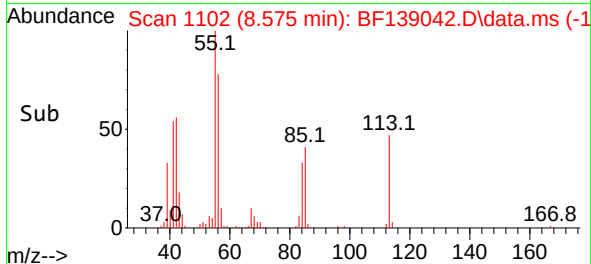
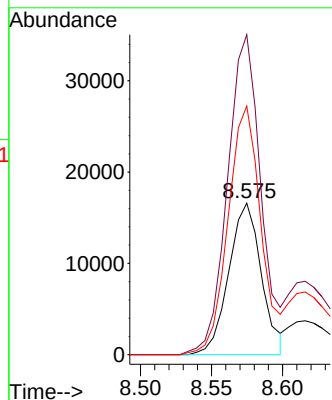
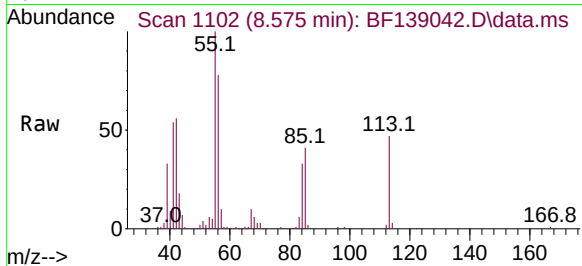




#35
Caprolactam
Concen: 40.628 ng
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

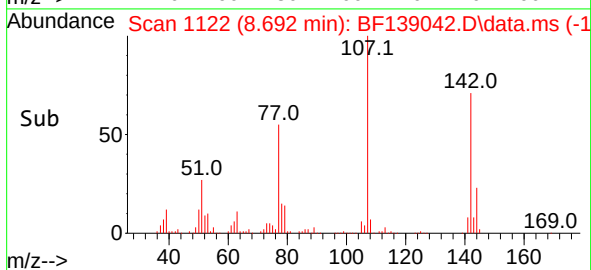
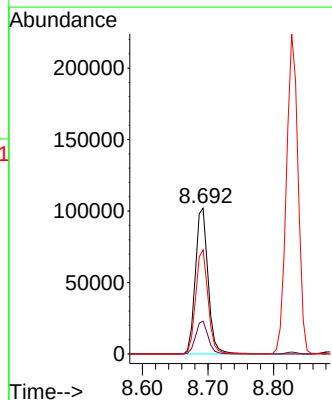
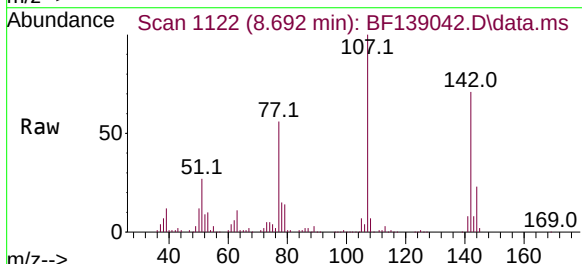
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

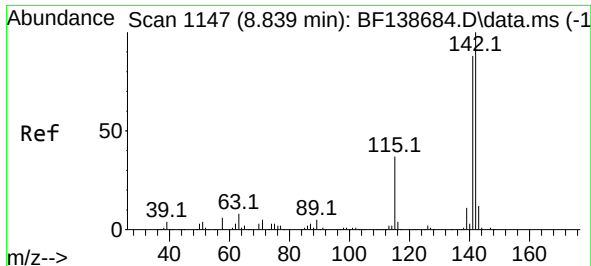
Tgt Ion:113 Resp: 26501
Ion Ratio Lower Upper
113 100
55 211.1 186.7 226.7
56 164.0 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 55.135 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:107 Resp: 137743
Ion Ratio Lower Upper
107 100
144 22.6 18.2 27.2
142 71.4 57.4 86.2





#37

2-Methylnaphthalene

Concen: 52.544 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

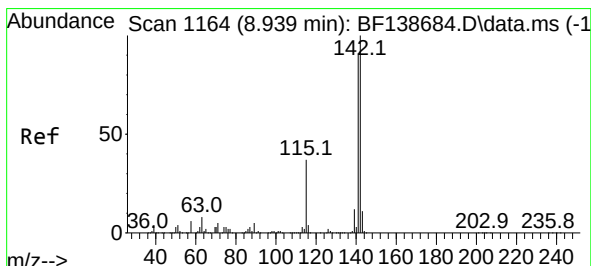
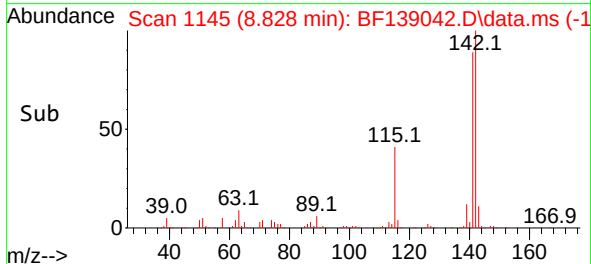
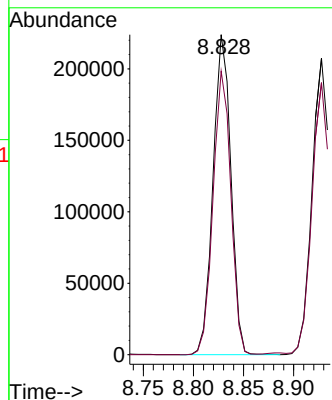
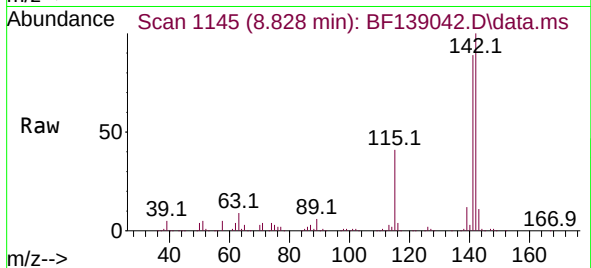
C-SOILMSD

Tgt Ion:142 Resp: 277361

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 49.721 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139042.D

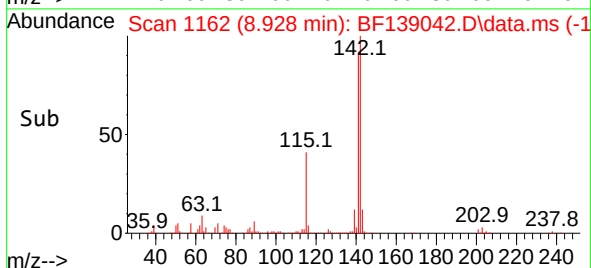
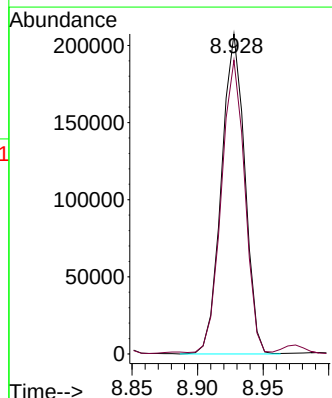
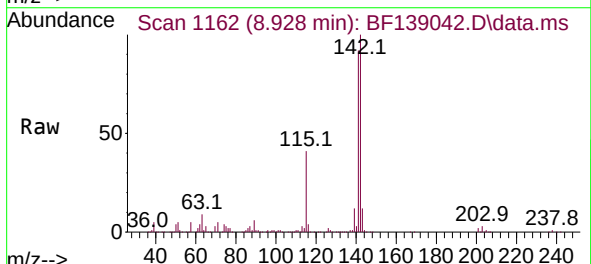
Acq: 16 Aug 2024 01:18

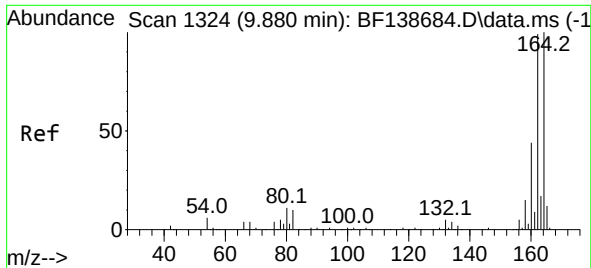
Tgt Ion:142 Resp: 257187

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7

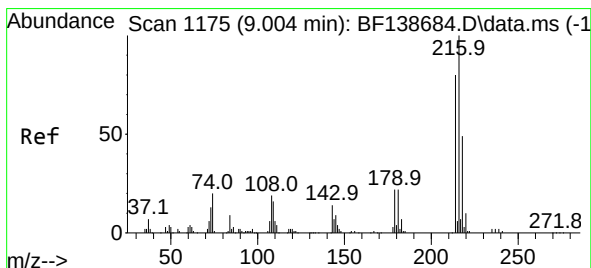
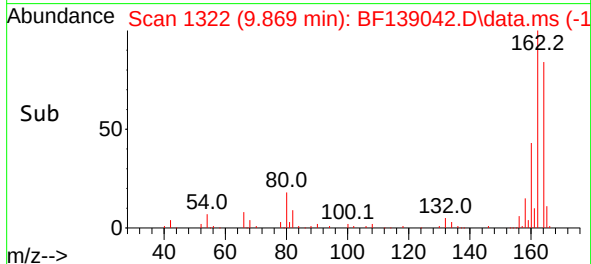
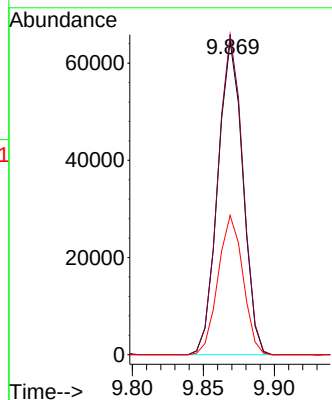
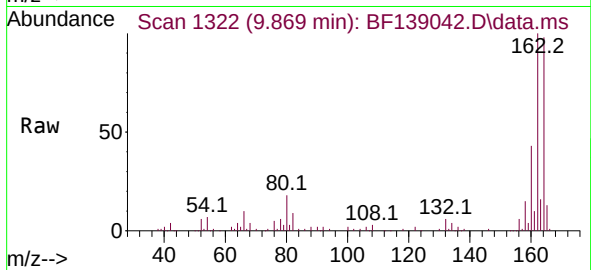




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

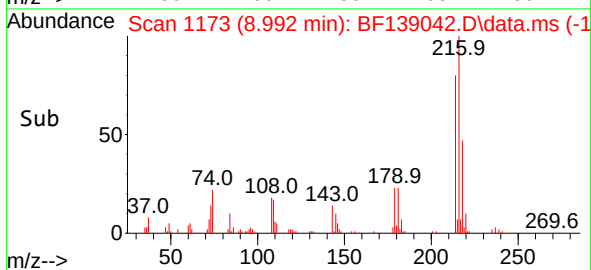
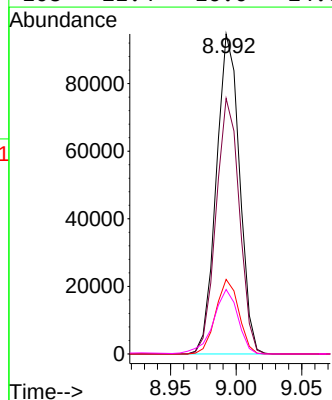
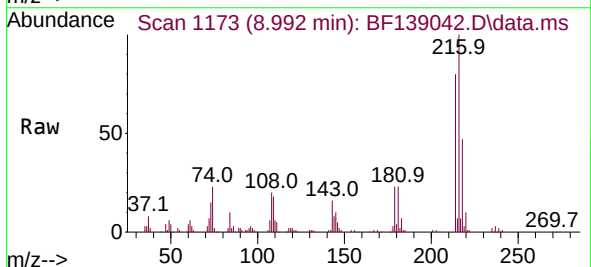
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

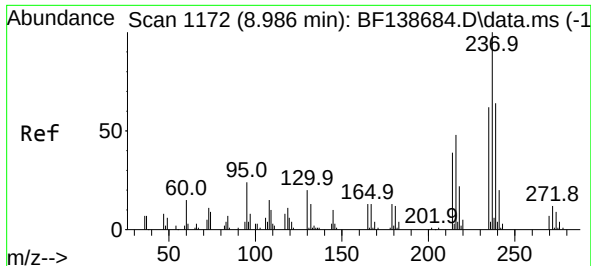
Tgt Ion:164 Resp: 78905
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.0
160 44.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.094 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:216 Resp: 116375
Ion Ratio Lower Upper
216 100
214 80.0 63.9 95.9
179 23.1 17.8 26.6
108 21.4 16.0 24.0

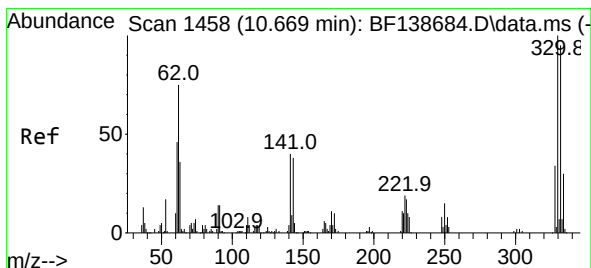
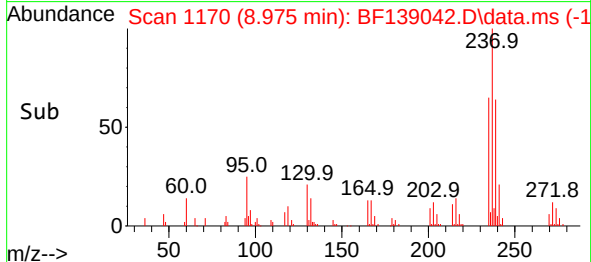
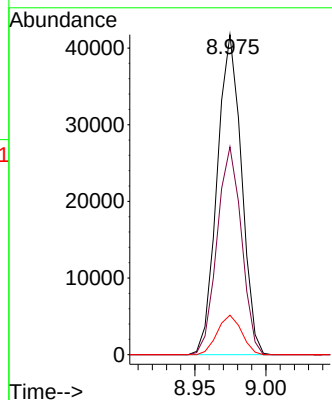
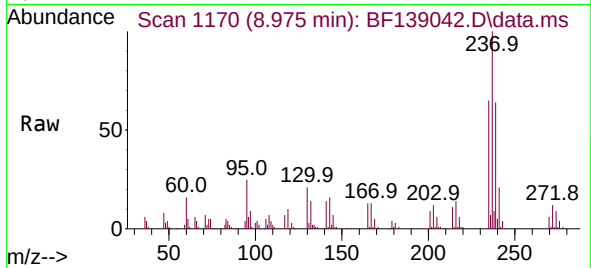




#41
Hexachlorocyclopentadiene
Concen: 85.215 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

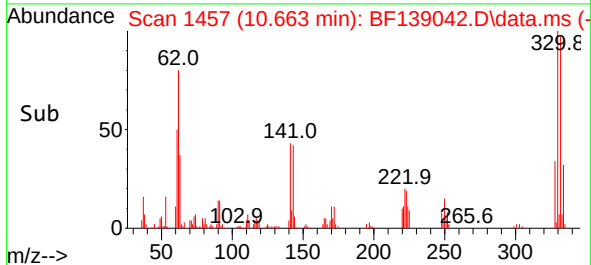
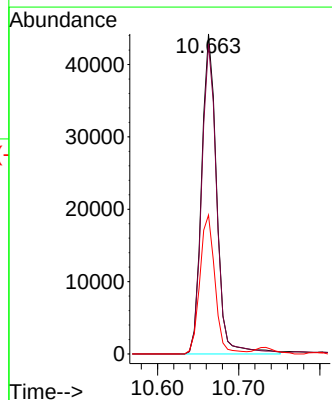
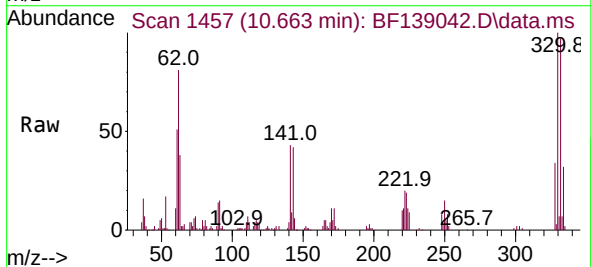
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

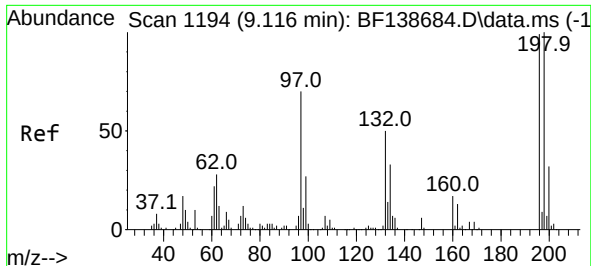
Tgt Ion:237 Resp: 49727
Ion Ratio Lower Upper
237 100
235 65.0 41.8 81.8
272 12.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 88.347 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:330 Resp: 57102
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 43.7 31.1 46.7

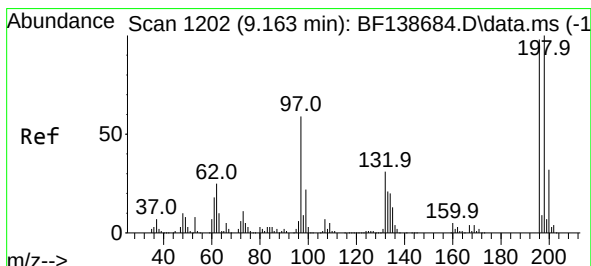
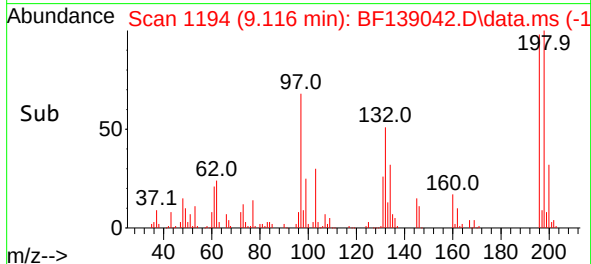
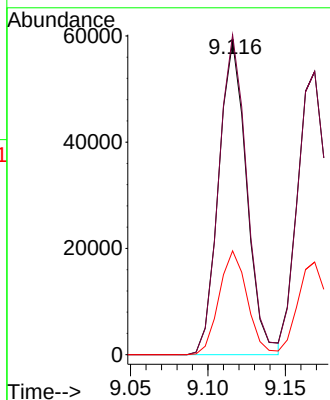
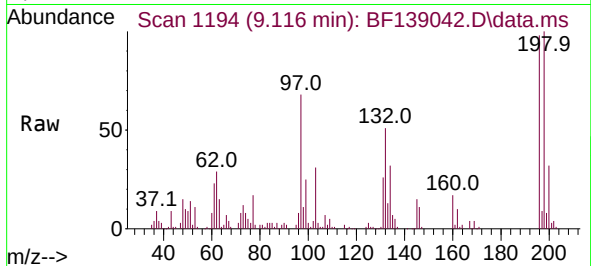




#43
2,4,6-Trichlorophenol
Concen: 55.490 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

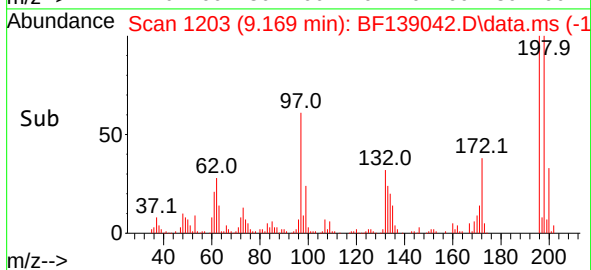
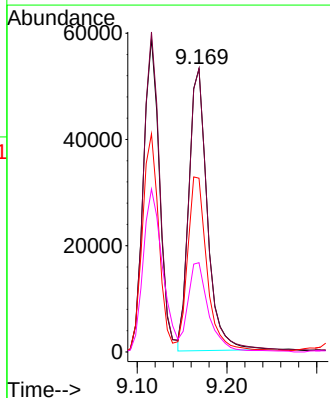
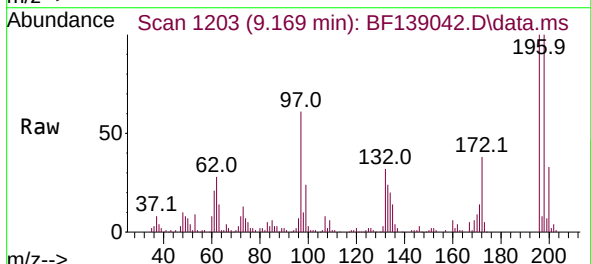
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

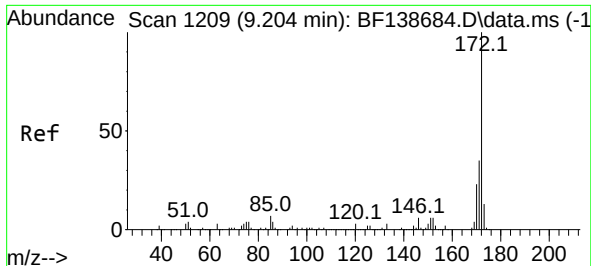
Tgt Ion:196 Resp: 74158
Ion Ratio Lower Upper
196 100
198 102.0 80.5 120.7
200 33.1 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 51.982 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

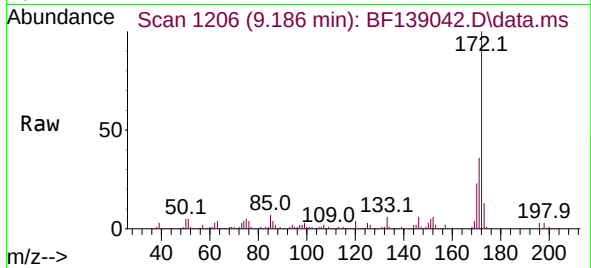
Tgt Ion:196 Resp: 75945
Ion Ratio Lower Upper
196 100
198 100.1 81.2 121.8
97 61.3 47.8 71.6
132 31.5 25.3 37.9



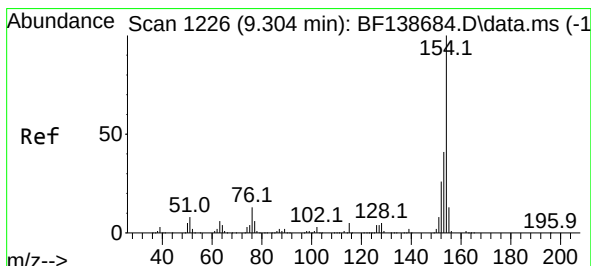
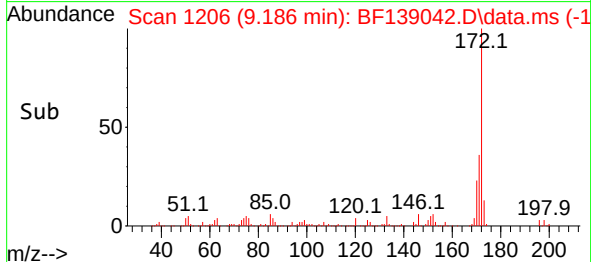
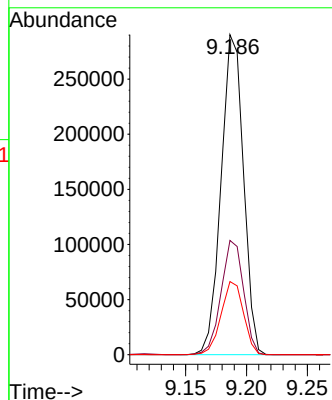


#45
2-Fluorobiphenyl
Concen: 70.658 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

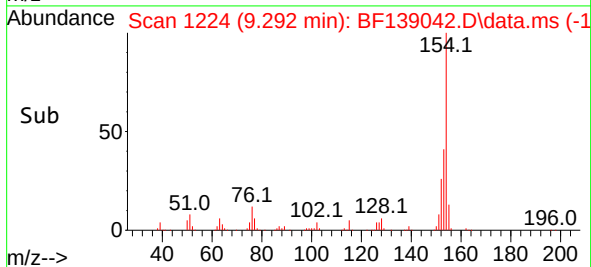
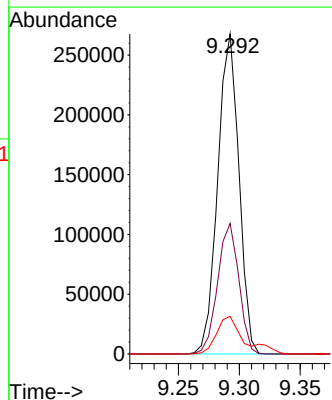
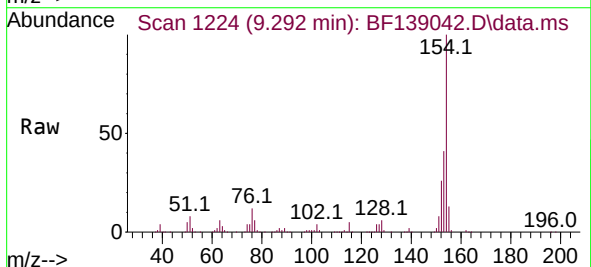


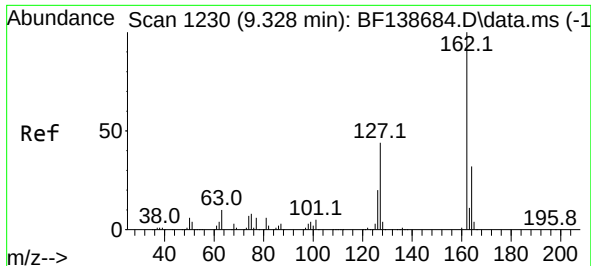
Tgt Ion:172 Resp: 371068
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 22.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 52.461 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:154 Resp: 324196
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 55.417 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

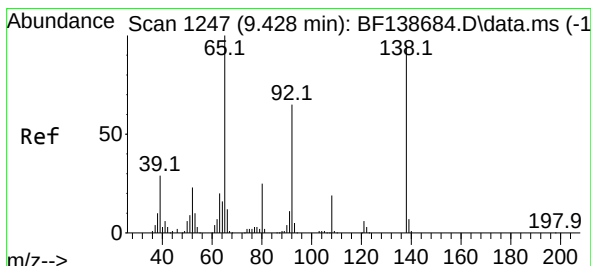
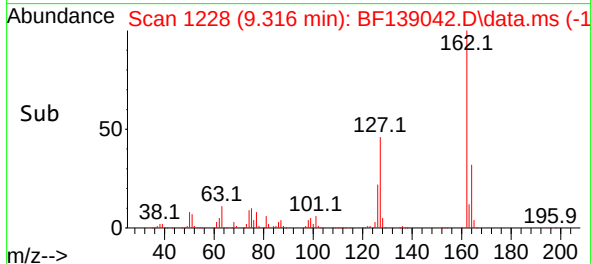
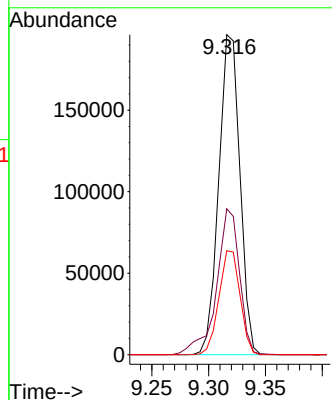
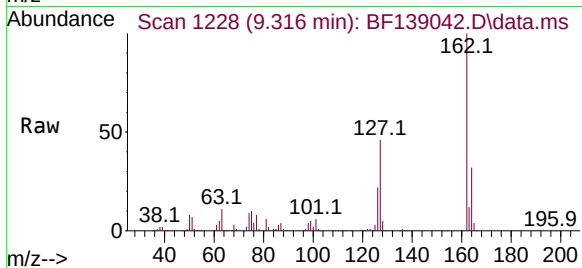
Tgt Ion:162 Resp: 254700

Ion Ratio Lower Upper

162 100

127 45.6 35.4 53.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 60.113 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

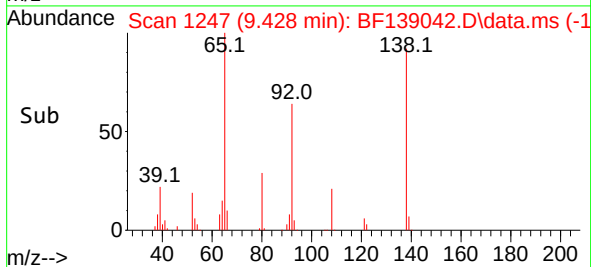
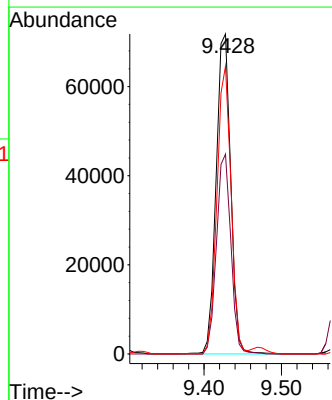
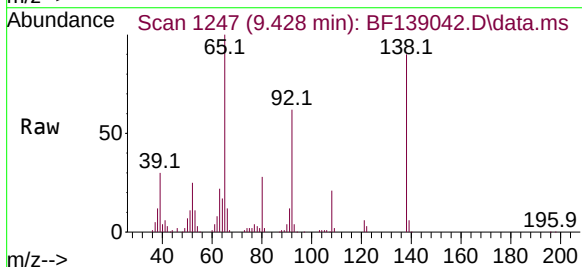
Tgt Ion: 65 Resp: 93663

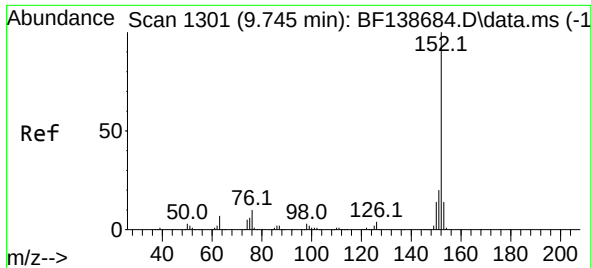
Ion Ratio Lower Upper

65 100

92 62.4 52.0 78.0

138 89.9 76.2 114.4

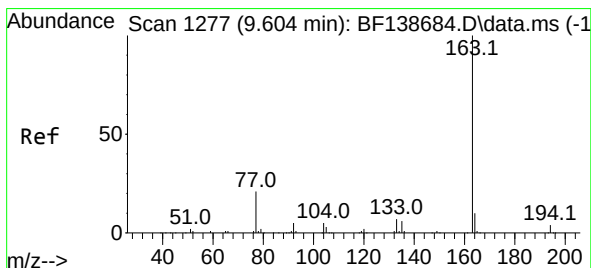
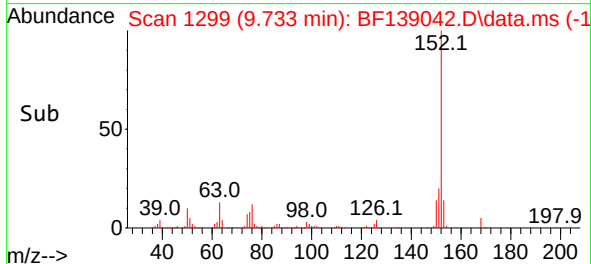
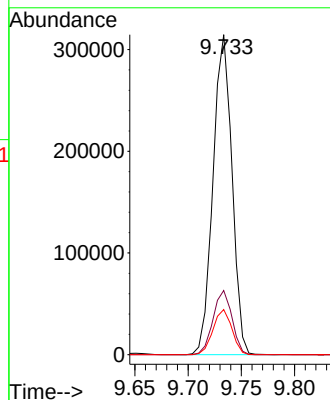
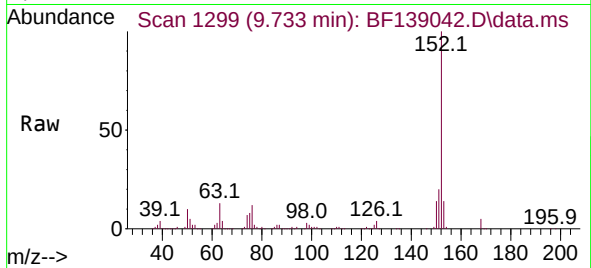




#49
Acenaphthylene
Concen: 59.612 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

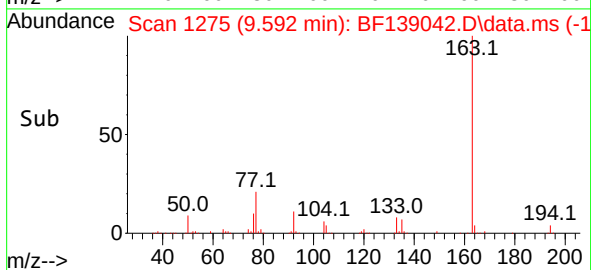
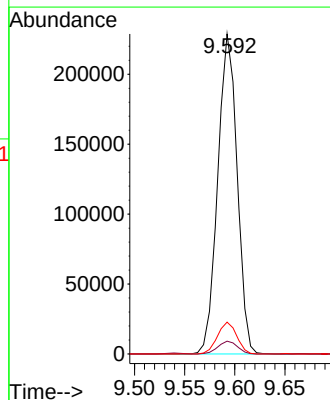
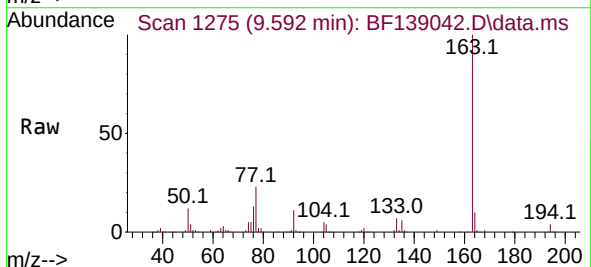
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

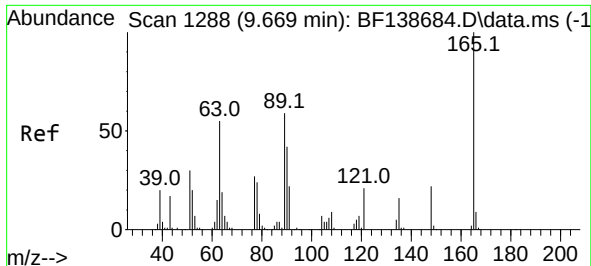
Tgt Ion:152 Resp: 388588
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.1 11.0 16.4



#50
Dimethylphthalate
Concen: 60.993 ng
RT: 9.592 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:163 Resp: 307725
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 55.879 ng

RT: 9.663 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

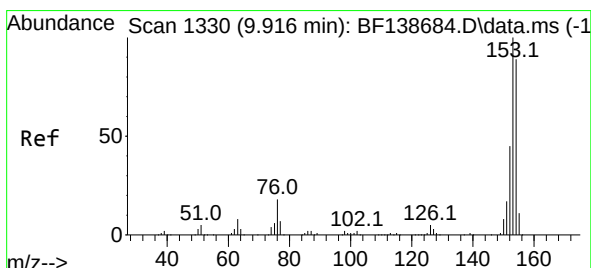
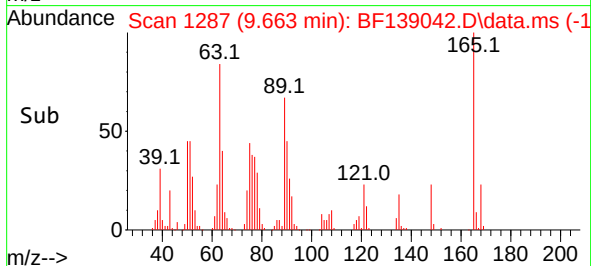
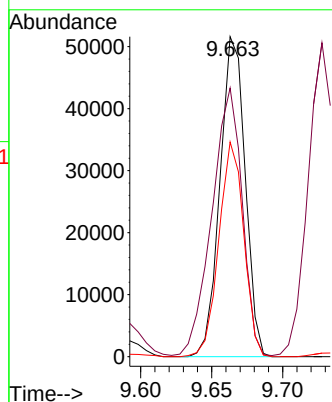
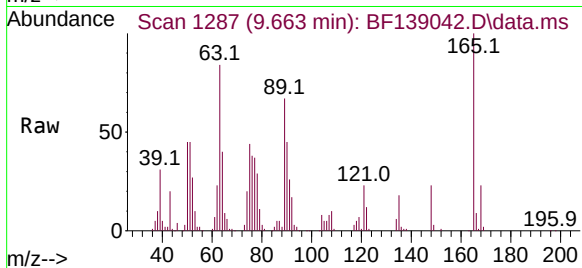
Tgt Ion:165 Resp: 63625

Ion Ratio Lower Upper

165 100

63 84.0 52.0 78.0#

89 67.1 47.0 70.6



#52

Acenaphthene

Concen: 54.337 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

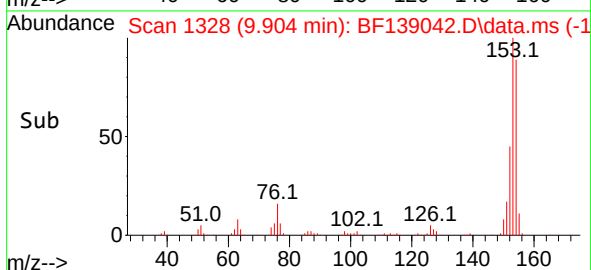
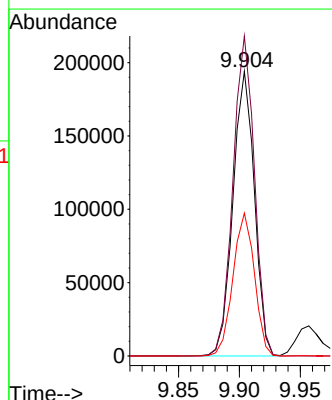
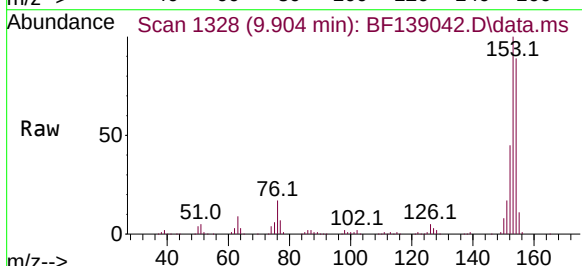
Tgt Ion:154 Resp: 238098

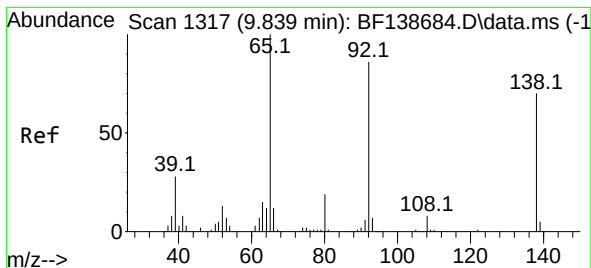
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 30.774 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

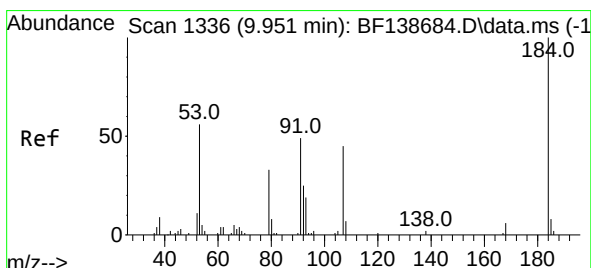
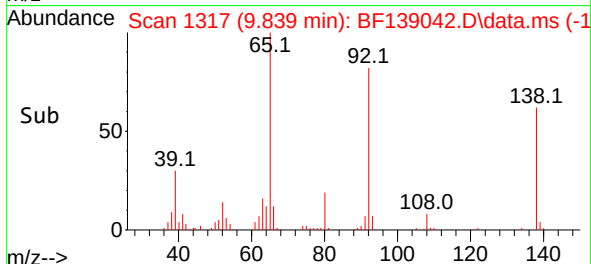
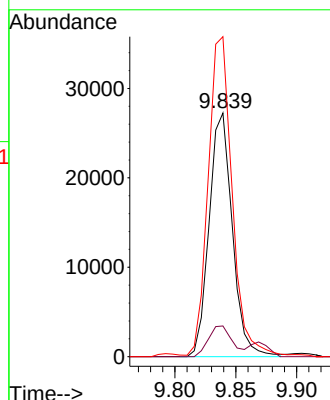
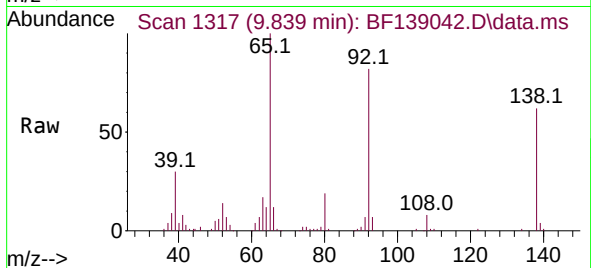
Tgt Ion:138 Resp: 36224

Ion Ratio Lower Upper

138 100

108 12.6 9.1 13.7

92 131.3 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 79.745 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

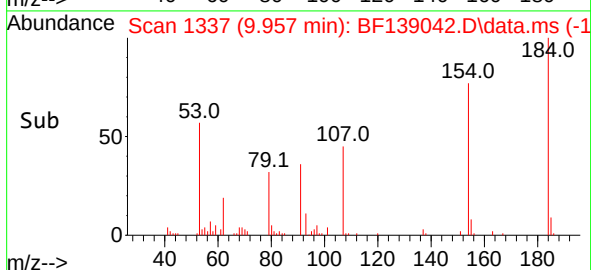
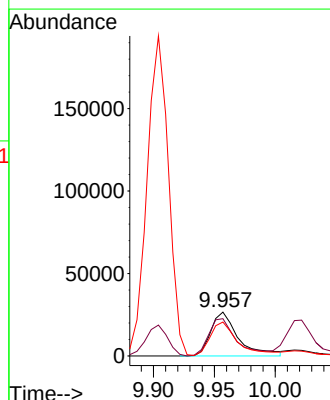
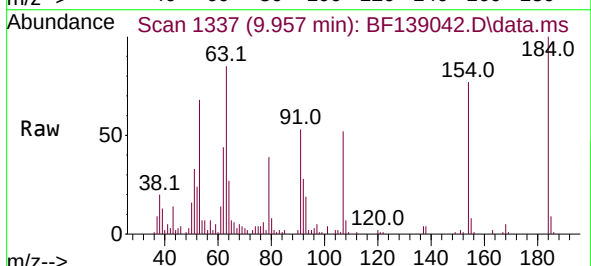
Tgt Ion:184 Resp: 41798

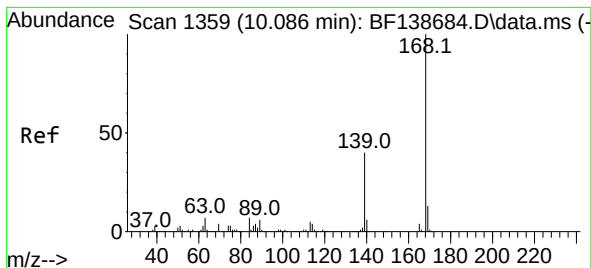
Ion Ratio Lower Upper

184 100

63 84.9 57.5 86.3

154 77.2 51.7 77.5

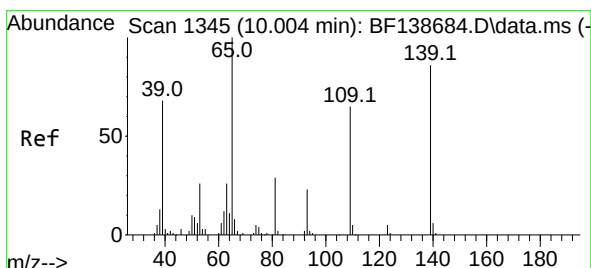
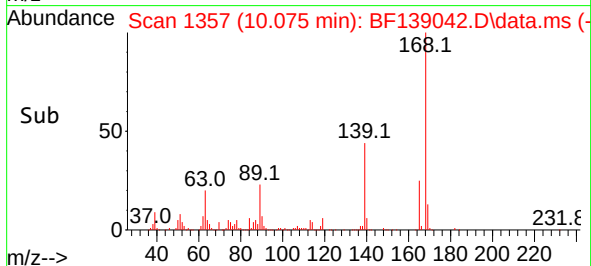
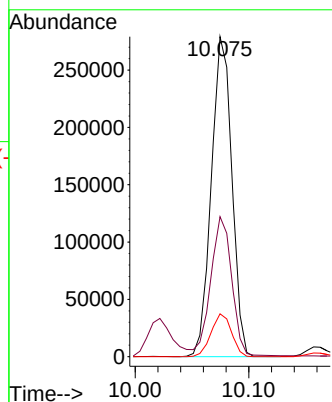
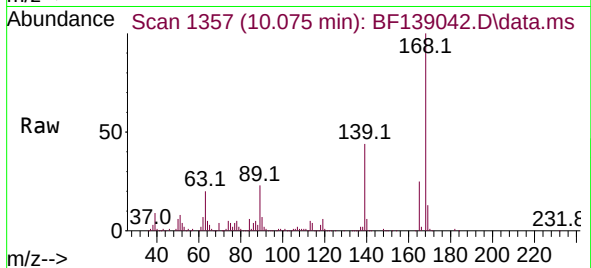




#55
Dibenzofuran
Concen: 56.683 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

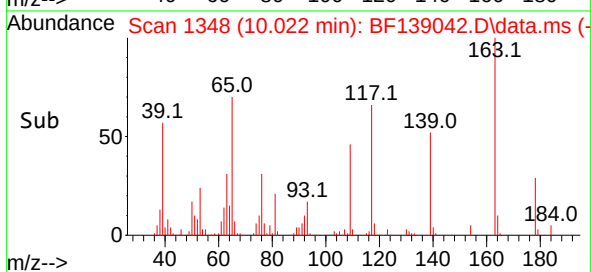
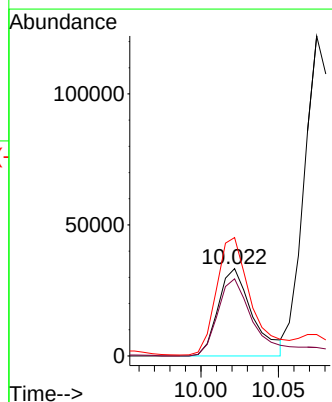
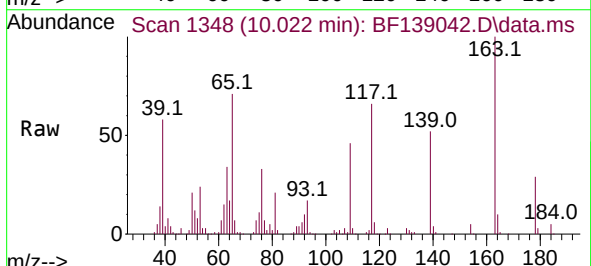
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

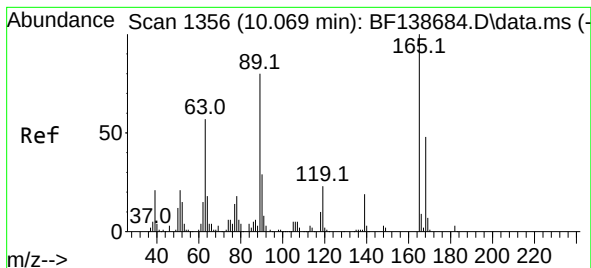
Tgt Ion:168 Resp: 350616
Ion Ratio Lower Upper
168 100
139 43.7 32.6 49.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 72.554 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:139 Resp: 51357
Ion Ratio Lower Upper
139 100
109 88.3 55.5 95.5
65 135.6 96.7 136.7

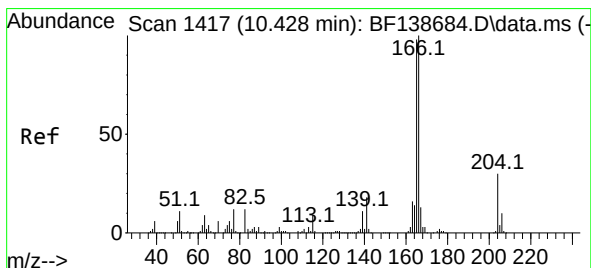
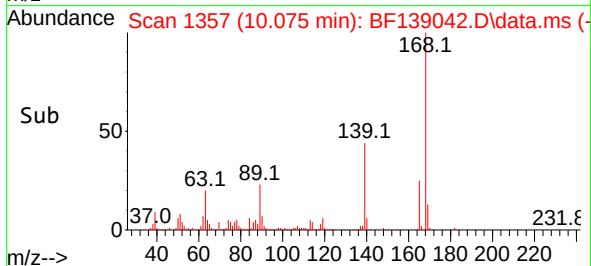
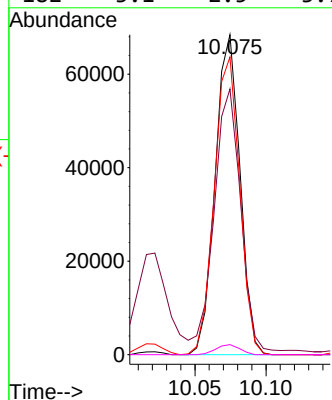
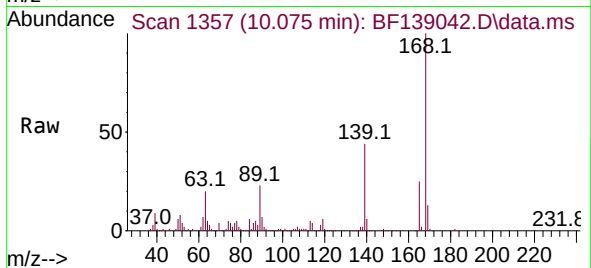




#57
2,4-Dinitrotoluene
Concen: 57.197 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

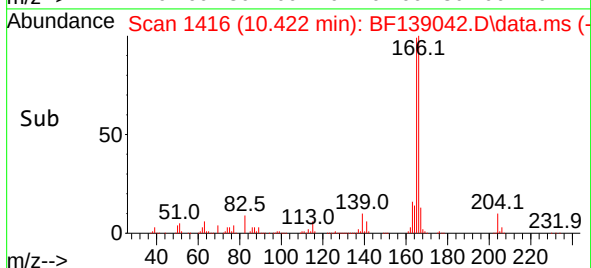
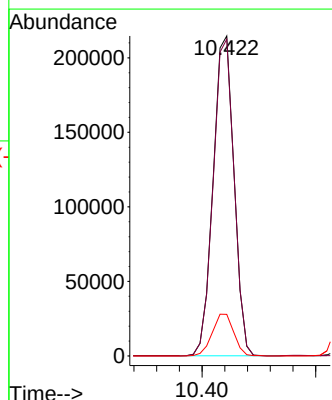
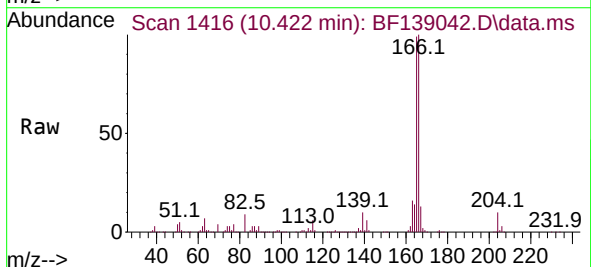
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

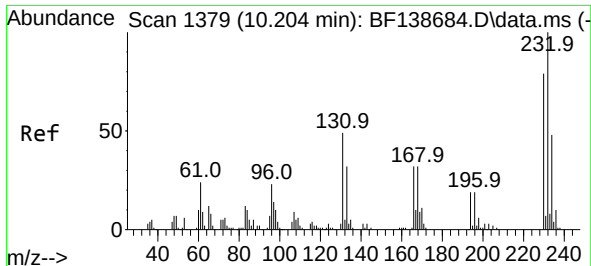
Tgt Ion:165 Resp: 83090
Ion Ratio Lower Upper
165 100
63 83.1 46.3 69.5#
89 93.0 64.2 96.4
182 3.1 2.5 3.7



#58
Fluorene
Concen: 55.517 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:166 Resp: 273463
Ion Ratio Lower Upper
166 100
165 99.0 78.4 117.6
167 13.0 10.6 16.0

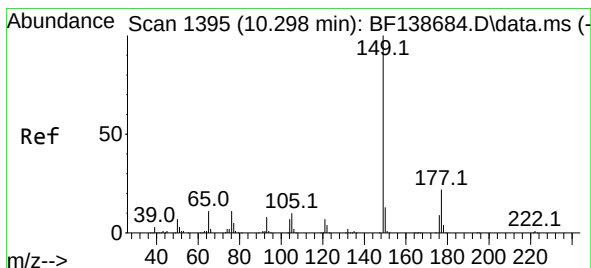
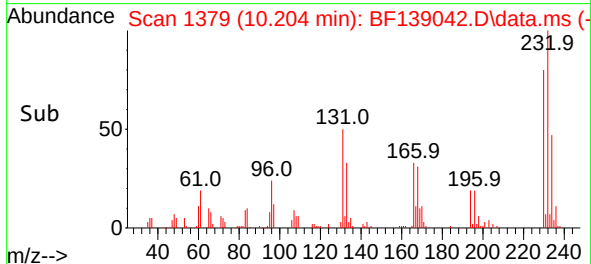
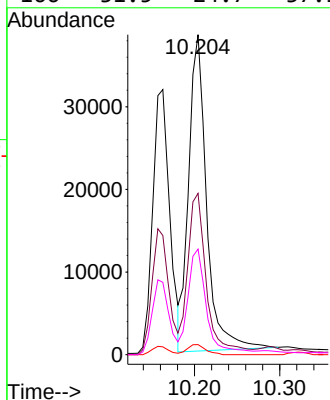
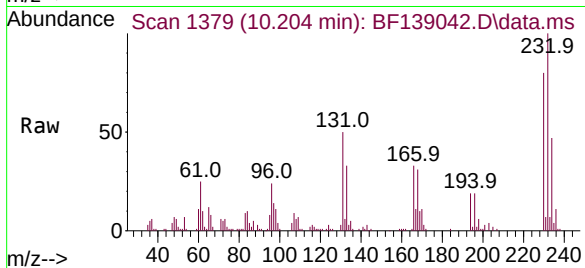




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.042 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

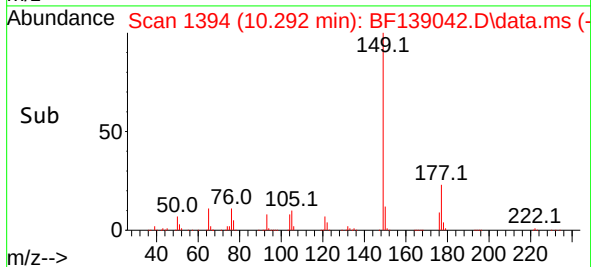
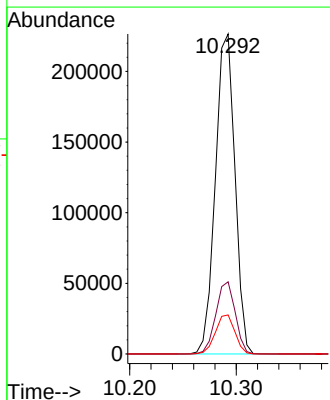
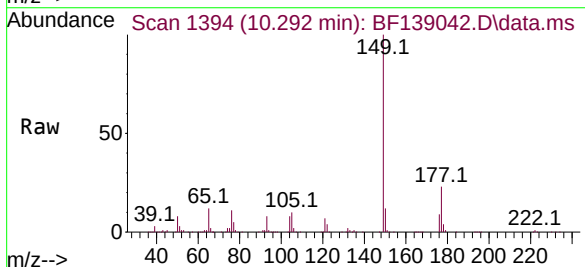
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

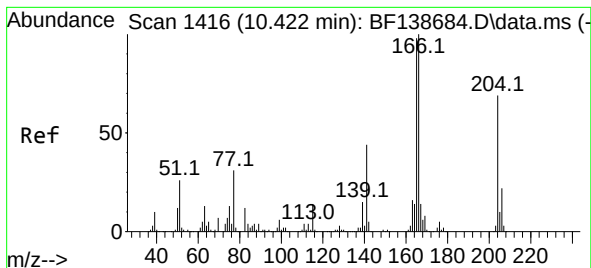
Tgt Ion:232	Resp:	55894
Ion Ratio	Lower	Upper
232	100	
131	49.4	37.0 55.4
130	3.3	2.0 3.0#
166	31.5	24.7 37.1



#60
Diethylphthalate
Concen: 60.243 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:149	Resp:	288192
Ion Ratio	Lower	Upper
149	100	
177	22.5	17.8 26.8
150	12.2	10.1 15.1

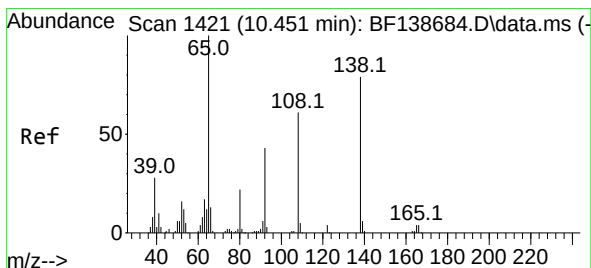
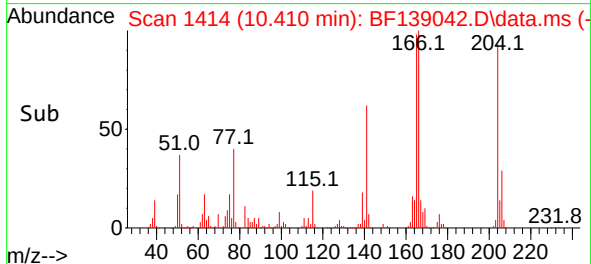
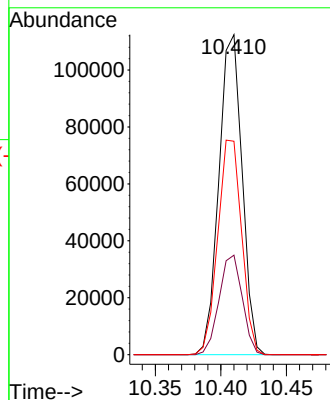
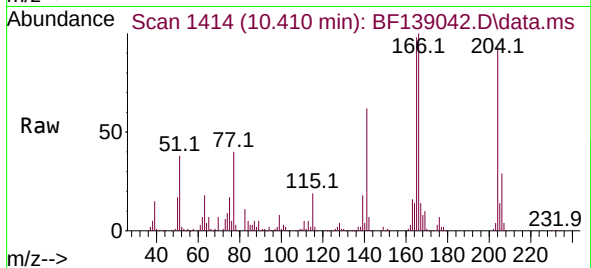




#61
4-Chlorophenyl-phenylether
Concen: 57.145 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

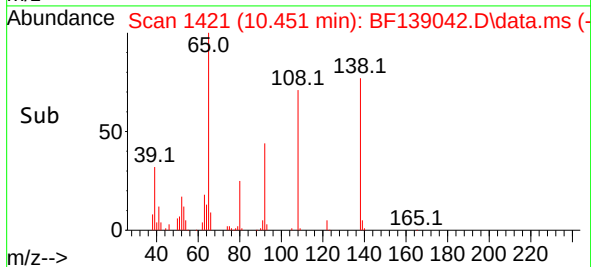
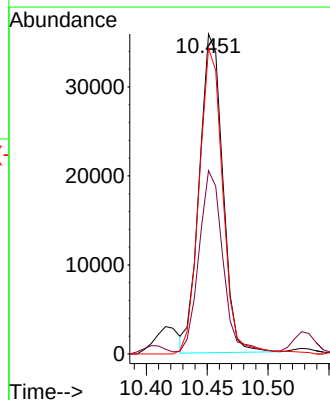
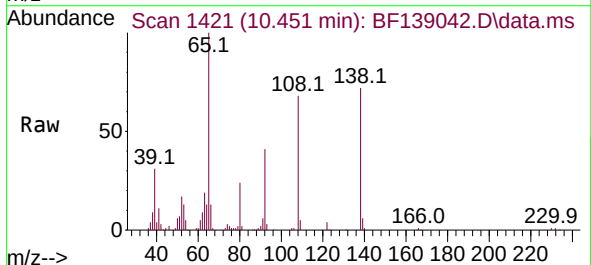
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

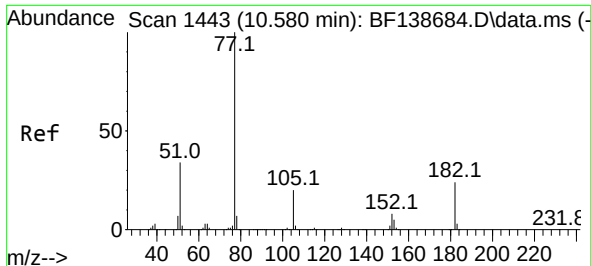
Tgt Ion:204 Resp: 138439
Ion Ratio Lower Upper
204 100
206 31.1 26.1 39.1
141 66.7 51.4 77.0



#62
4-Nitroaniline
Concen: 42.717 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:138 Resp: 47783
Ion Ratio Lower Upper
138 100
92 57.3 34.2 74.2
108 95.5 56.2 96.2



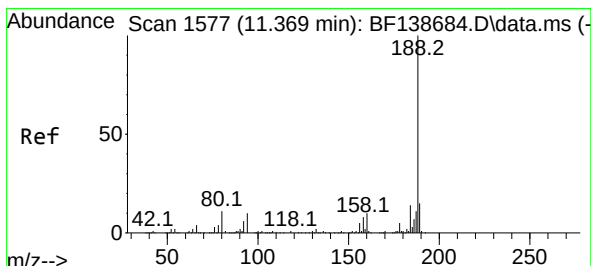
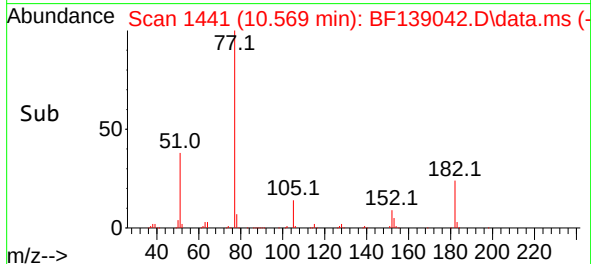
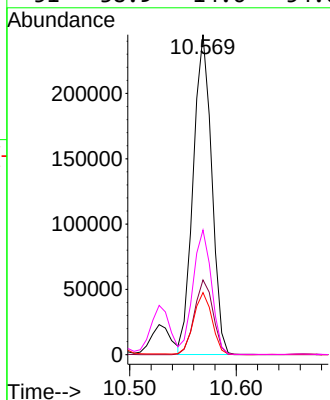
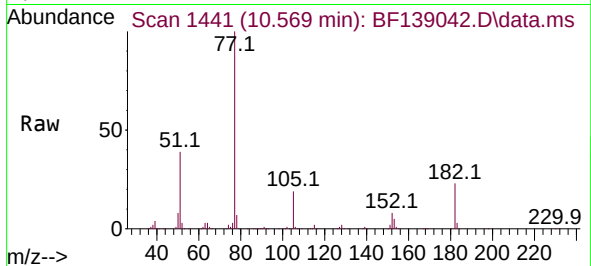


#63
Azobenzene
Concen: 55.837 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

Tgt Ion: 77 Resp: 296254

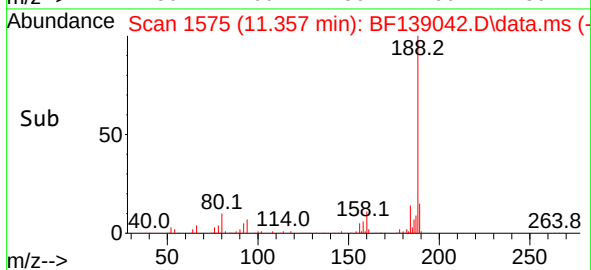
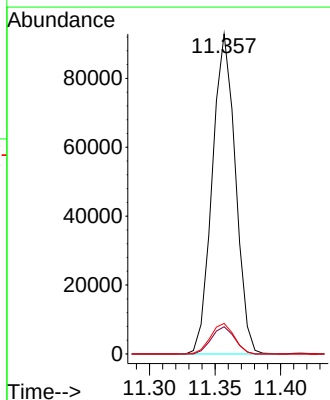
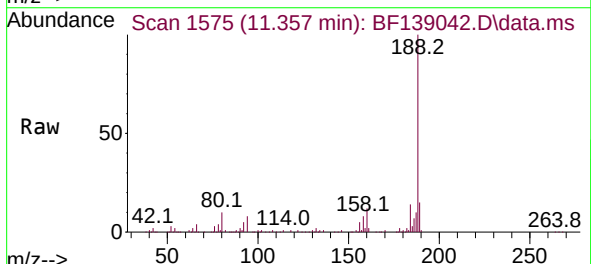
Ion	Ratio	Lower	Upper
77	100		
182	23.3	3.4	43.4
105	19.4	0.2	40.2
51	38.9	14.6	54.6

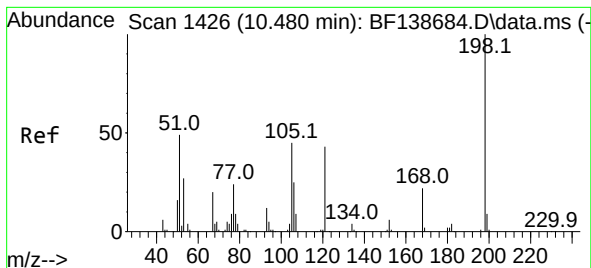


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion: 188 Resp: 114018

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.6	11.4
80	9.6	8.6	12.8

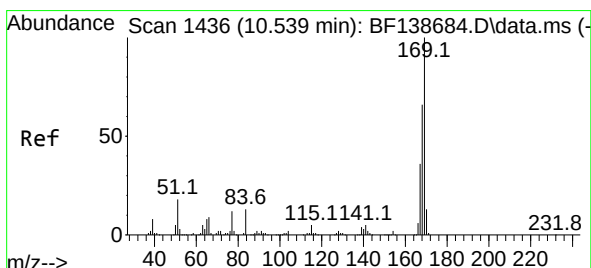
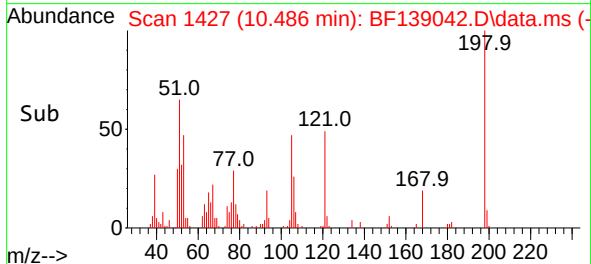
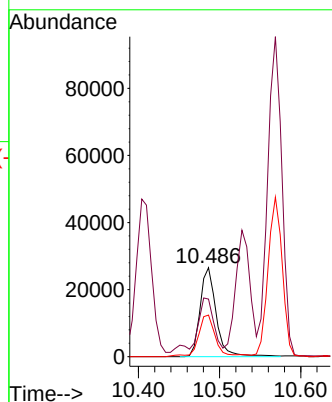
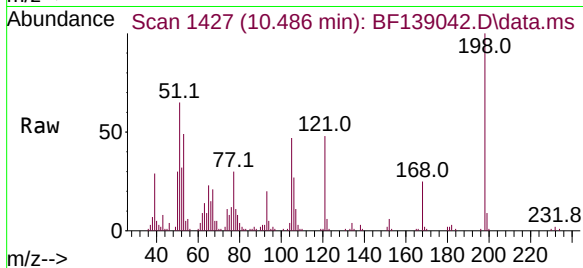




#65
4,6-Dinitro-2-methylphenol
Concen: 52.593 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

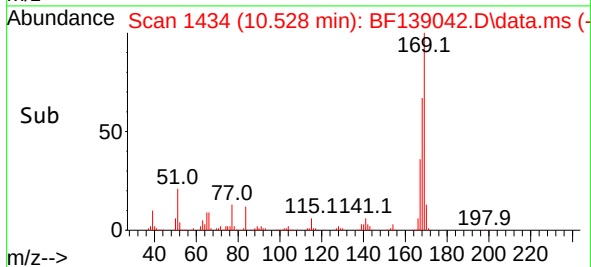
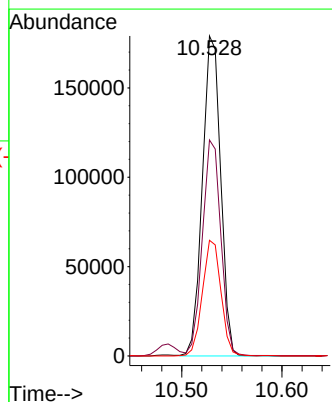
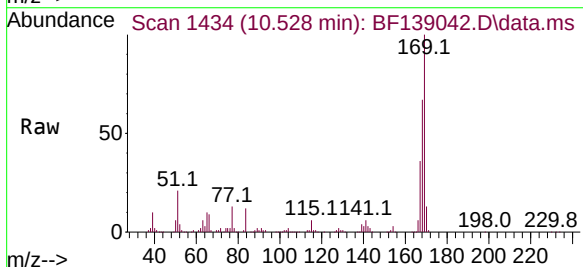
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

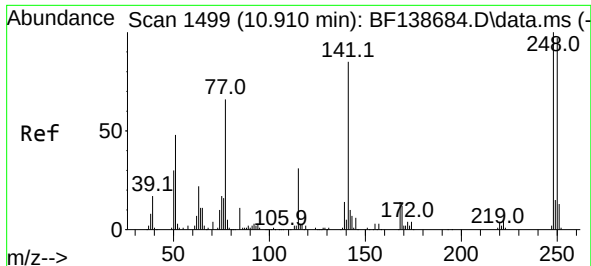
Tgt Ion:198 Resp: 36584
Ion Ratio Lower Upper
198 100
51 64.7 39.9 79.9
105 46.7 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 63.784 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:169 Resp: 227324
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.1 29.0 43.6

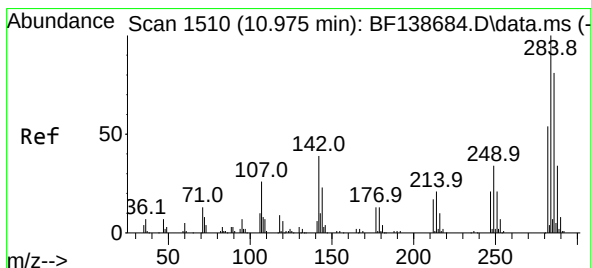
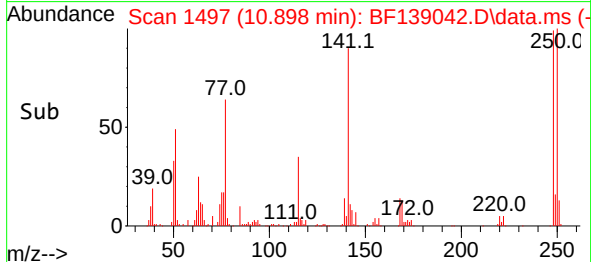
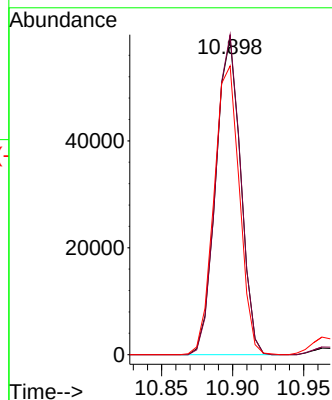
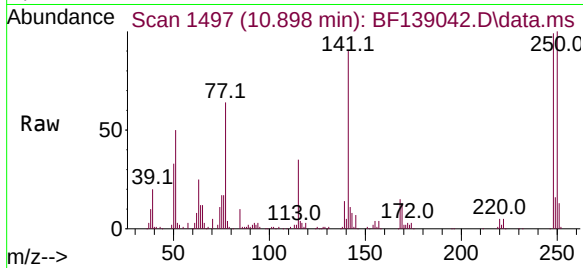




#67
4-Bromophenyl-phenylether
Concen: 58.350 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

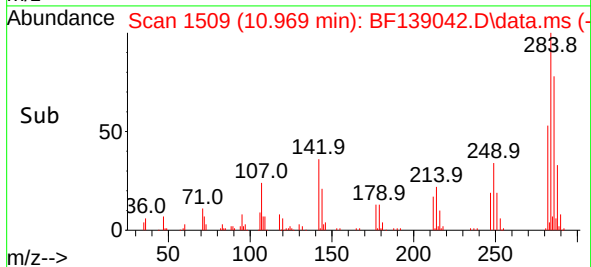
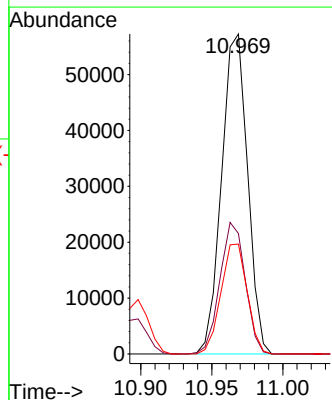
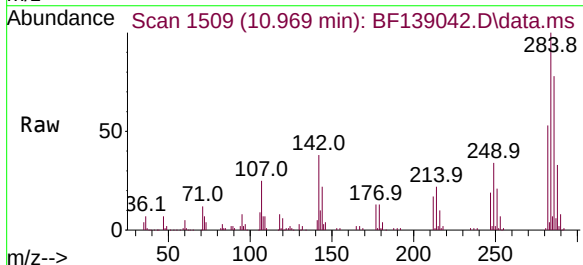
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

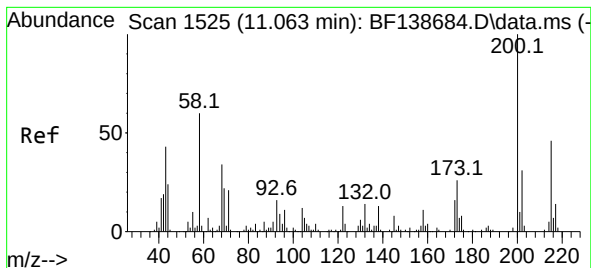
Tgt Ion:248 Resp: 72031
Ion Ratio Lower Upper
248 100
250 100.9 77.7 116.5
141 91.1 68.0 102.0



#68
Hexachlorobenzene
Concen: 57.245 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:284 Resp: 72964
Ion Ratio Lower Upper
284 100
142 37.7 31.3 46.9
249 34.3 27.2 40.8





#69

Atrazine

Concen: 68.872 ng

RT: 11.057 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

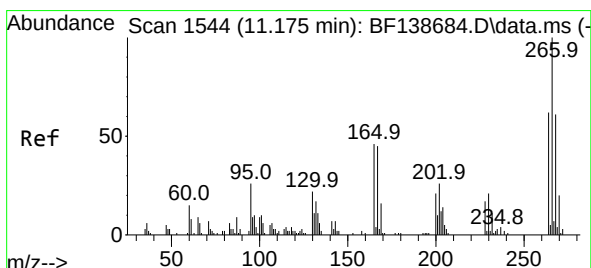
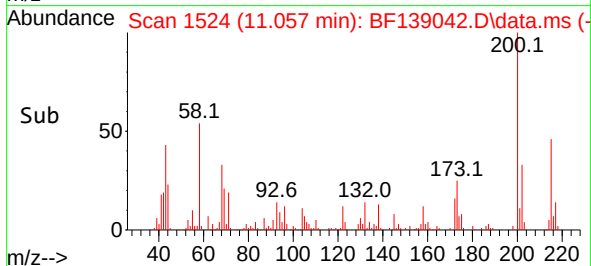
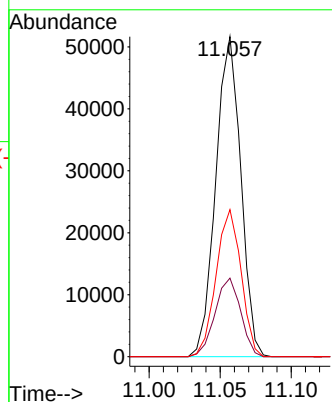
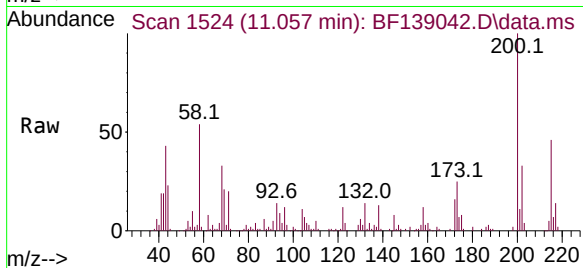
Tgt Ion:200 Resp: 63328

Ion Ratio Lower Upper

200 100

173 24.6 6.0 46.0

215 46.0 26.1 66.1



#70

Pentachlorophenol

Concen: 67.029 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

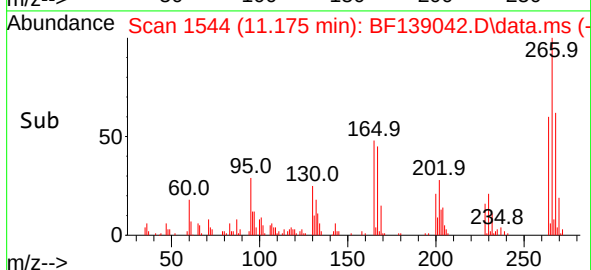
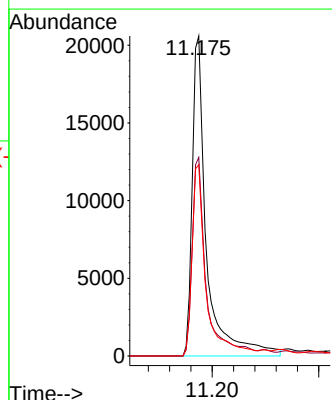
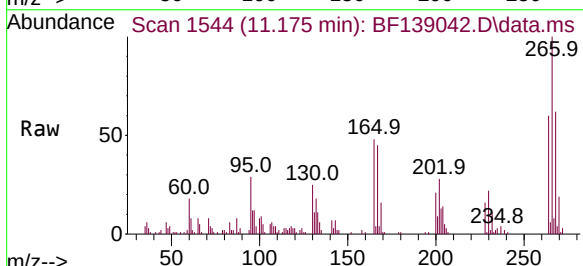
Tgt Ion:266 Resp: 38509

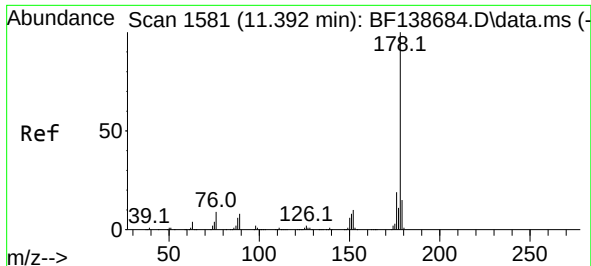
Ion Ratio Lower Upper

266 100

268 62.0 49.2 73.8

264 59.8 49.8 74.6

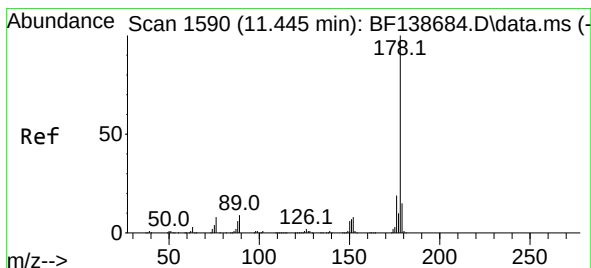
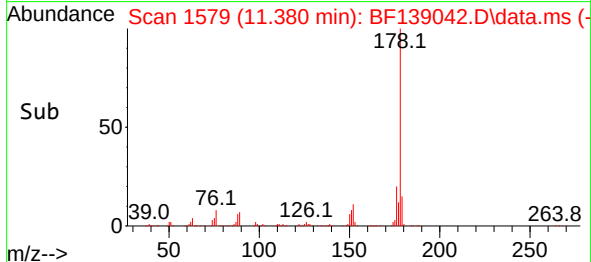
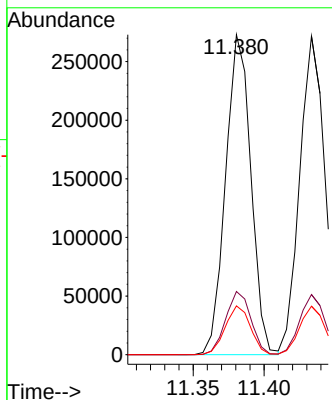
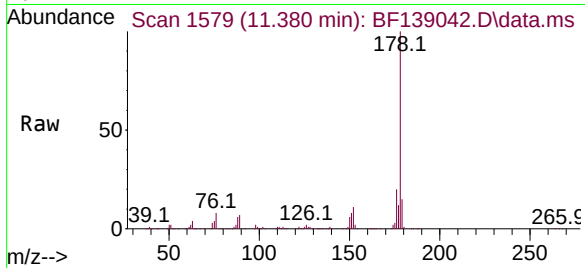




#71
Phenanthrene
Concen: 57.707 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

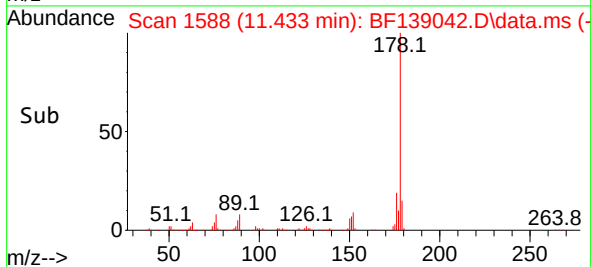
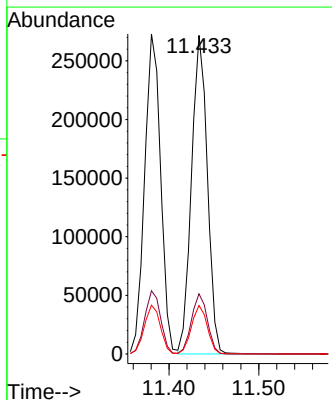
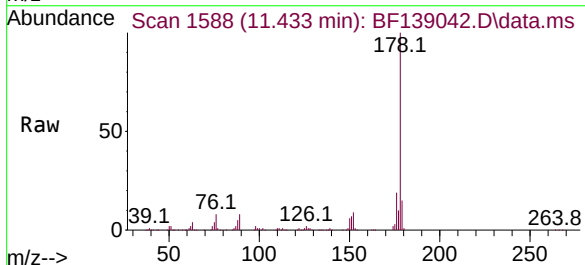
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

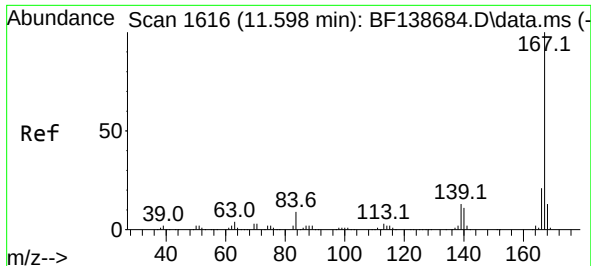
Tgt Ion:178 Resp: 338797
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 57.691 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

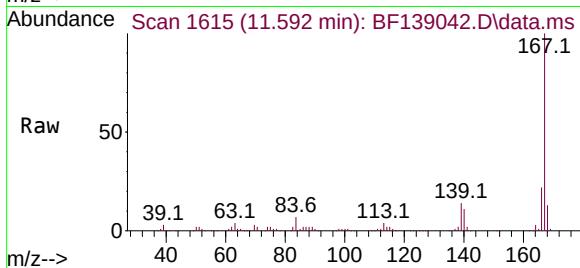
Tgt Ion:178 Resp: 333669
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.2 12.4 18.6



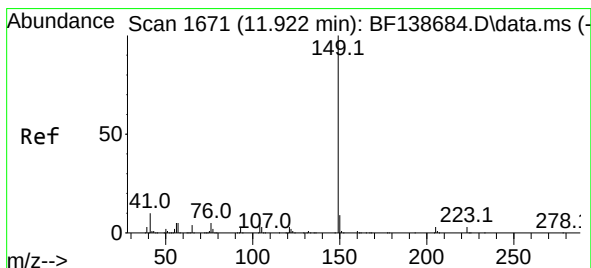
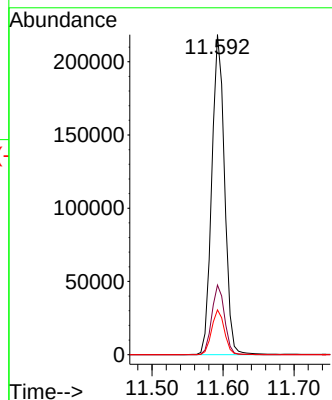
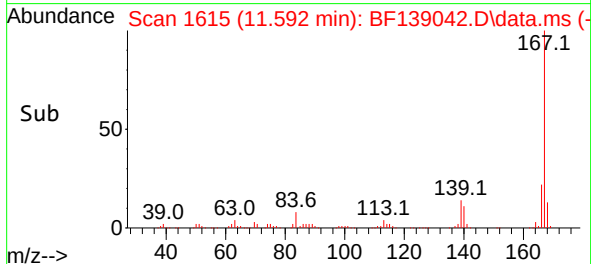


#73
 Carbazole
 Concen: 54.808 ng
 RT: 11.592 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF139042.D
 Acq: 16 Aug 2024 01:18

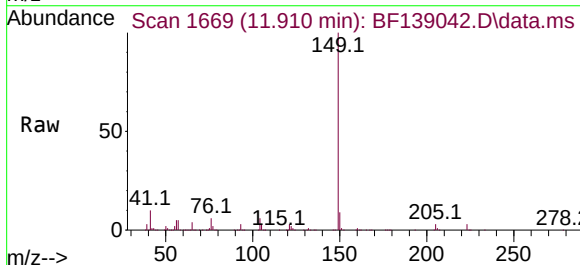
Instrument :
 BNA_F
 ClientSampleId :
 C-SOILMSD



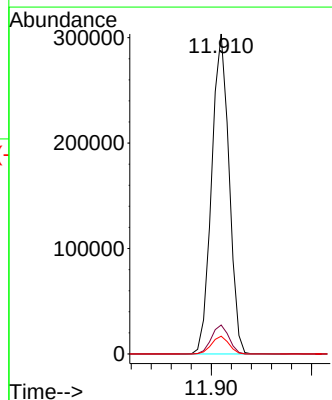
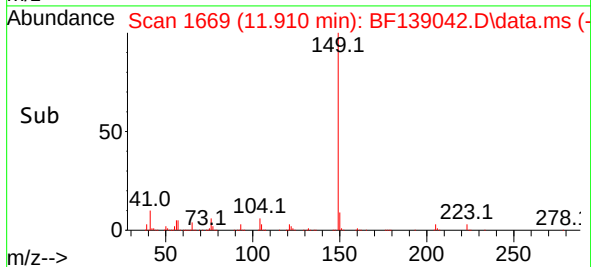
Tgt Ion:167 Resp: 273490
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 14.0 10.6 16.0

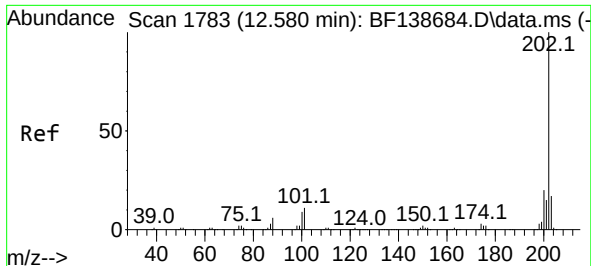


#74
 Di-n-butylphthalate
 Concen: 65.352 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139042.D
 Acq: 16 Aug 2024 01:18



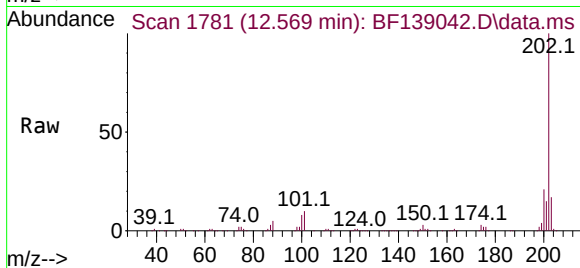
Tgt Ion:149 Resp: 366593
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.5 4.1 6.1



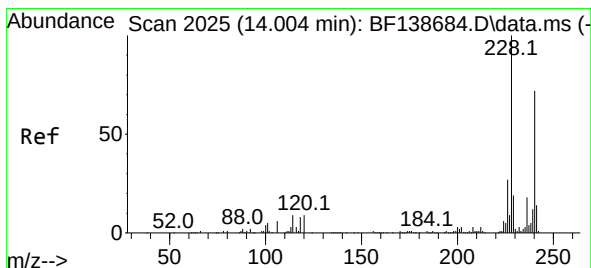
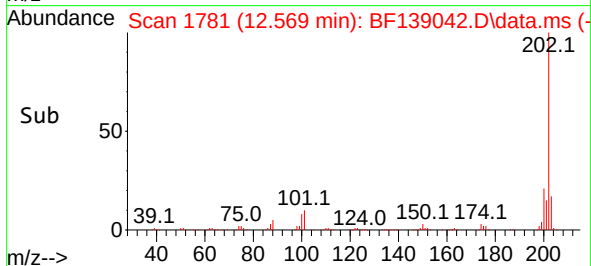
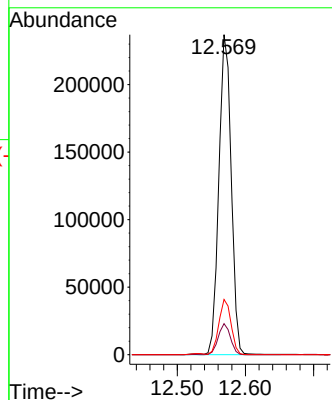


#75
Fluoranthene
Concen: 54.493 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

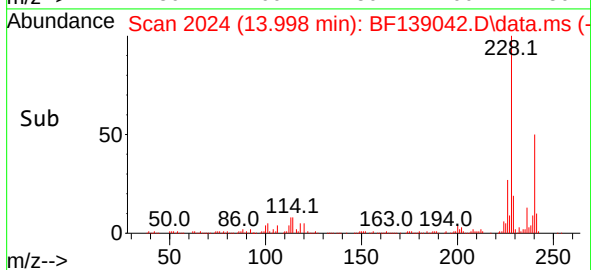
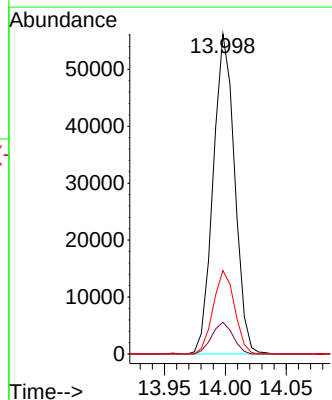
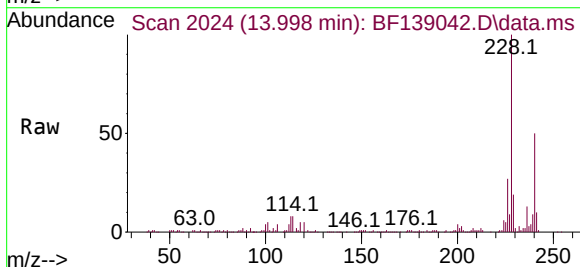


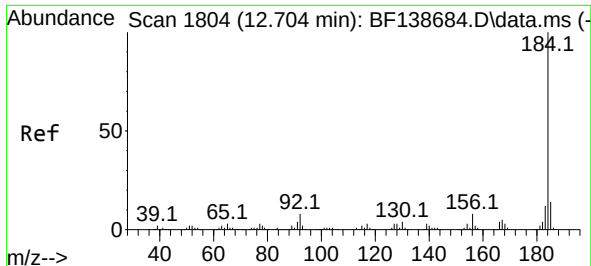
Tgt Ion:202 Resp: 298672
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:240 Resp: 69014
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 26.0 19.8 29.8

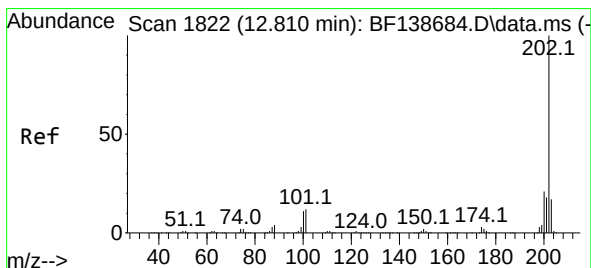
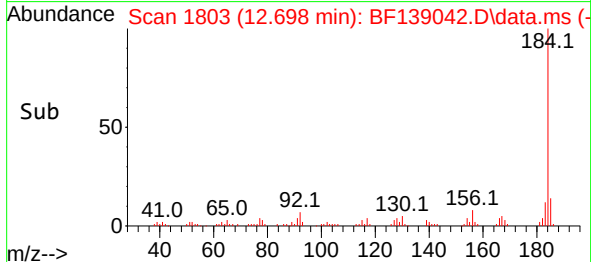
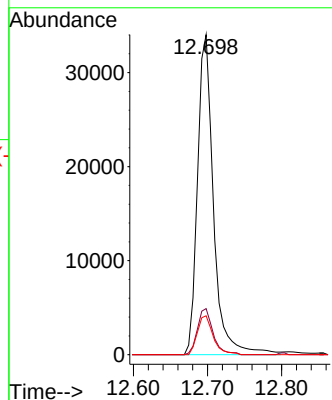
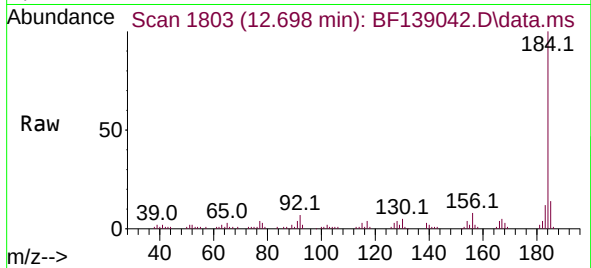




#77
Benzidine
Concen: 30.982 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

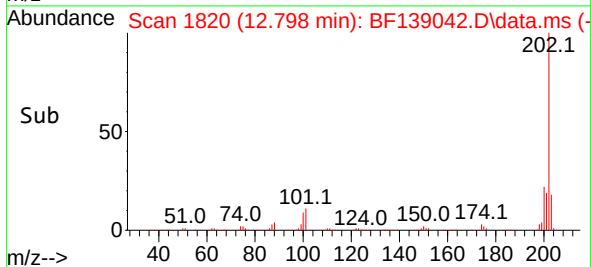
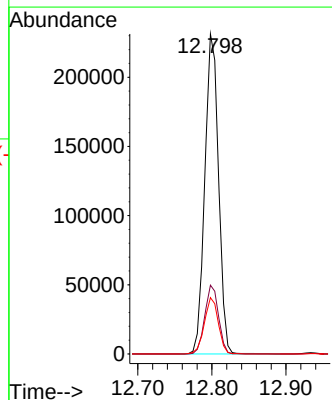
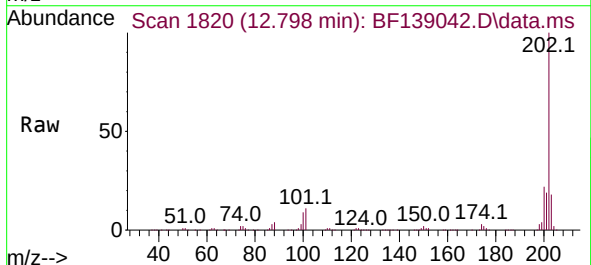
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

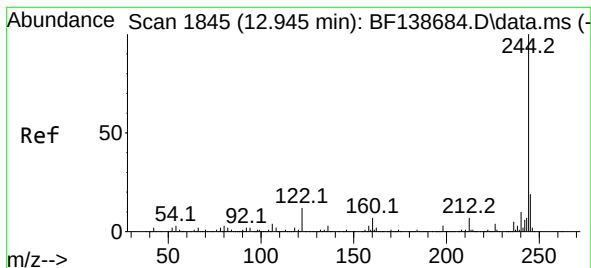
Tgt Ion:184 Resp: 51142
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.1 9.6 14.4



#78
Pyrene
Concen: 45.755 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:202 Resp: 297308
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 64.480 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

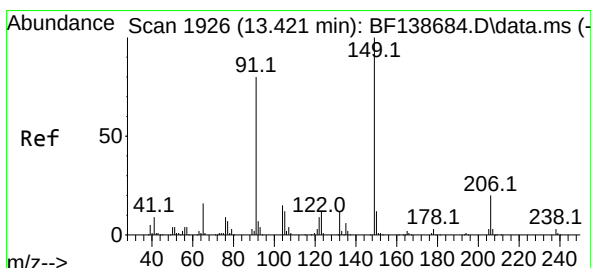
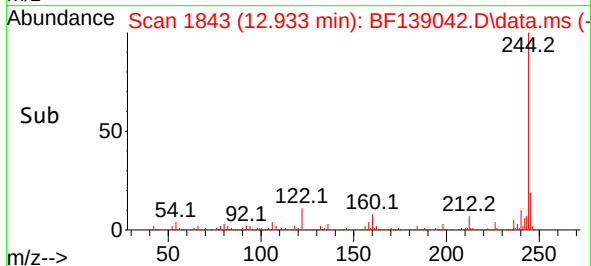
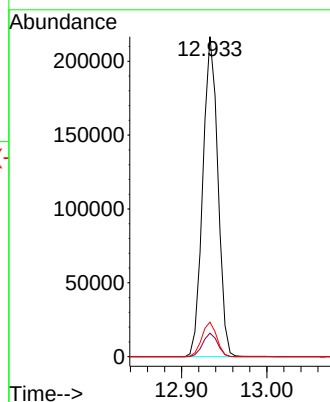
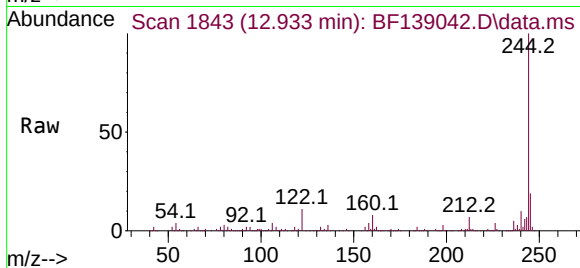
Tgt Ion:244 Resp: 265790

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 10.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 60.561 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

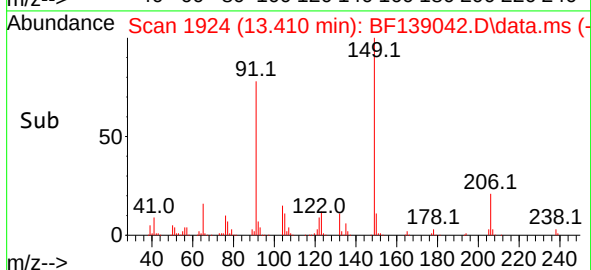
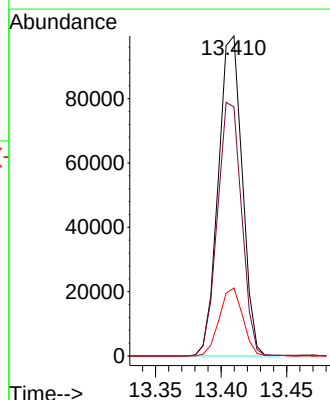
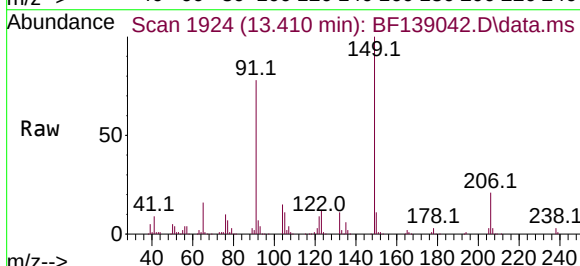
Tgt Ion:149 Resp: 126015

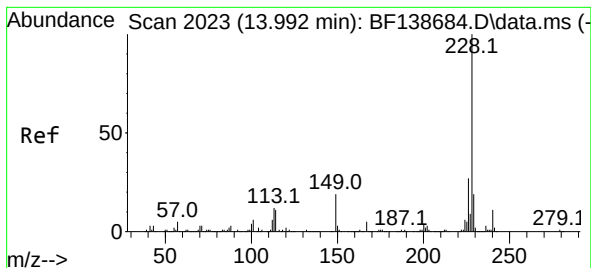
Ion Ratio Lower Upper

149 100

91 77.8 63.7 95.5

206 21.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 60.384 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

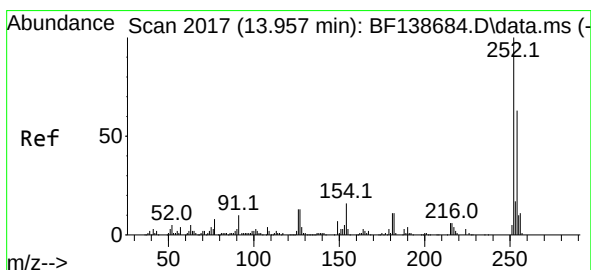
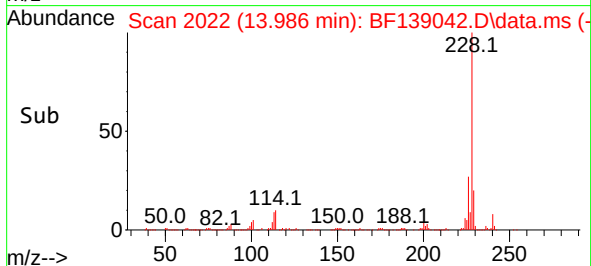
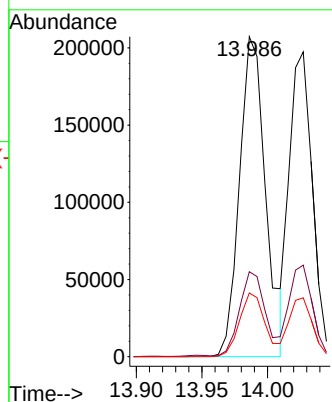
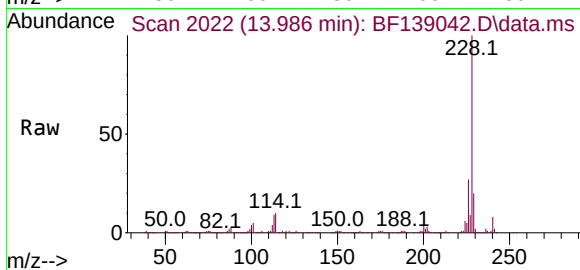
Tgt Ion:228 Resp: 286970

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

229 19.9 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 41.880 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

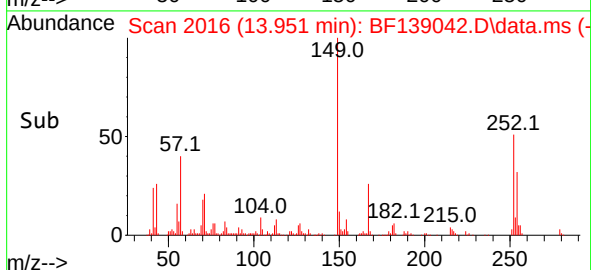
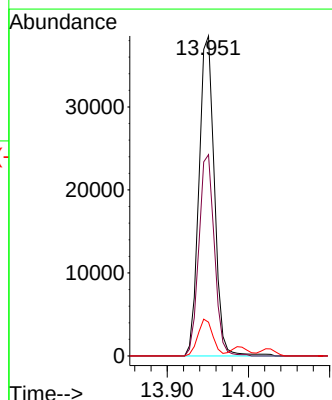
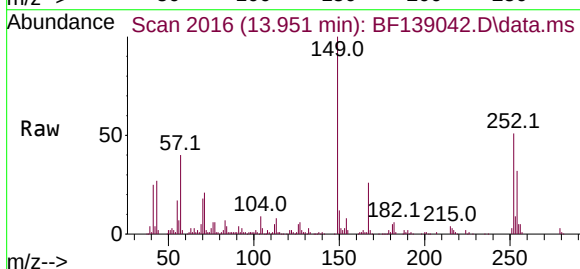
Tgt Ion:252 Resp: 50933

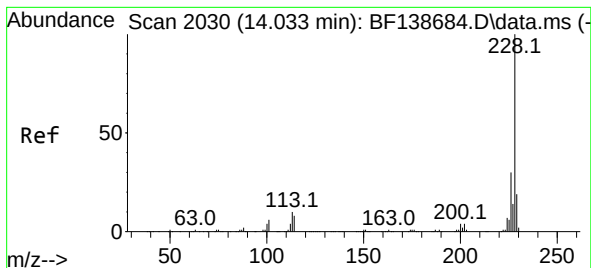
Ion Ratio Lower Upper

252 100

254 62.9 50.8 76.2

126 10.5 10.2 15.2





#83

Chrysene

Concen: 55.858 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

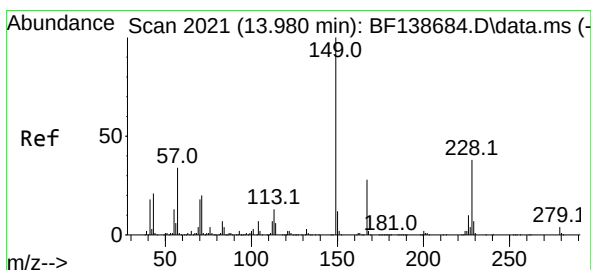
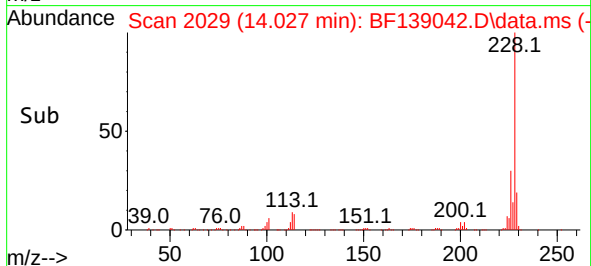
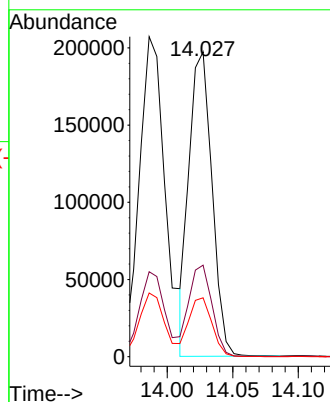
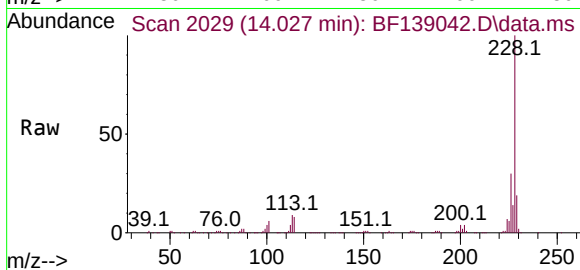
Tgt Ion:228 Resp: 239496

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.397 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

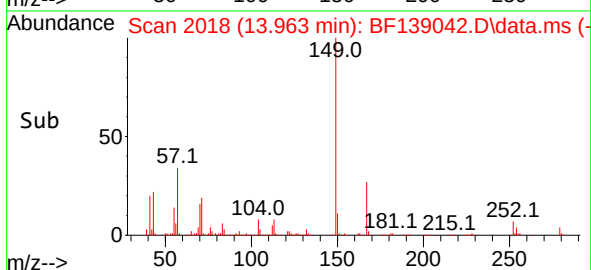
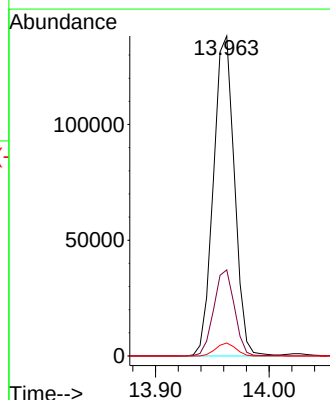
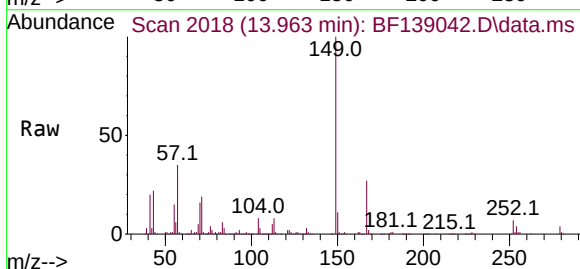
Tgt Ion:149 Resp: 177935

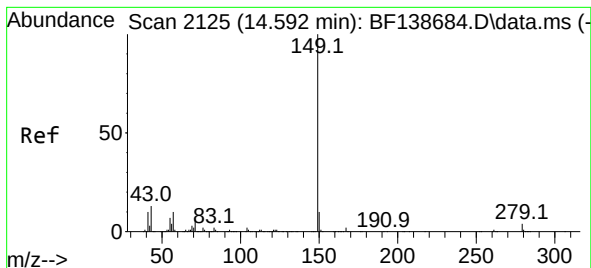
Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 54.828 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

Instrument :

BNA_F

ClientSampleId :

C-SOILMSD

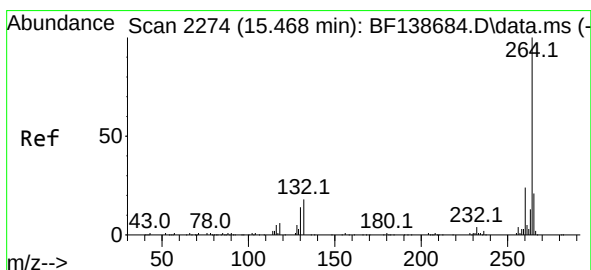
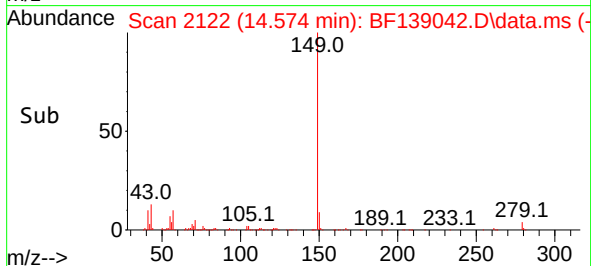
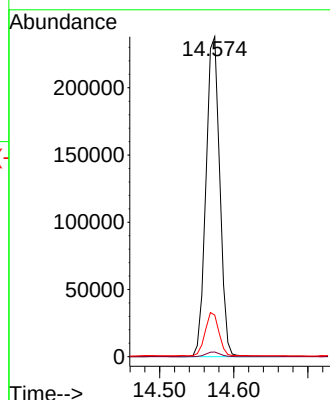
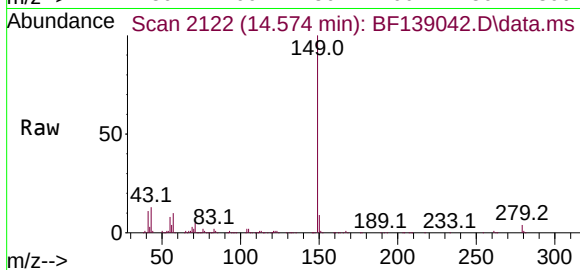
Tgt Ion:149 Resp: 309089

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 13.4 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139042.D

Acq: 16 Aug 2024 01:18

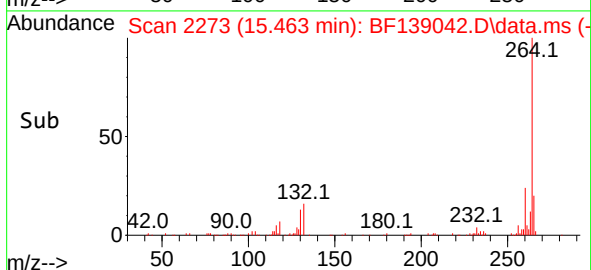
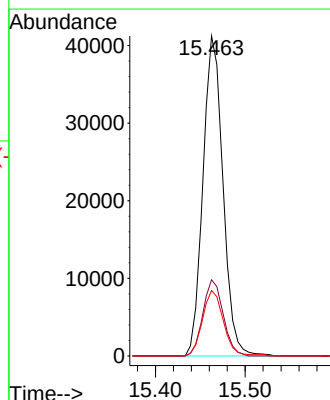
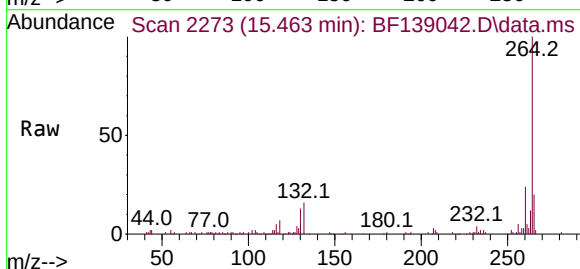
Tgt Ion:264 Resp: 63850

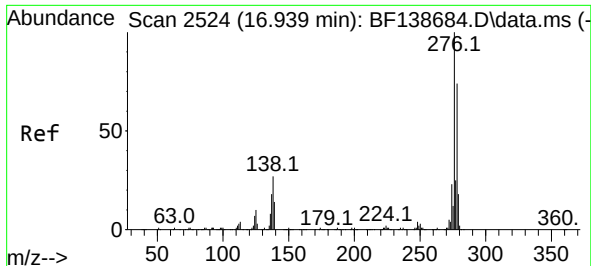
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.5 17.0 25.6

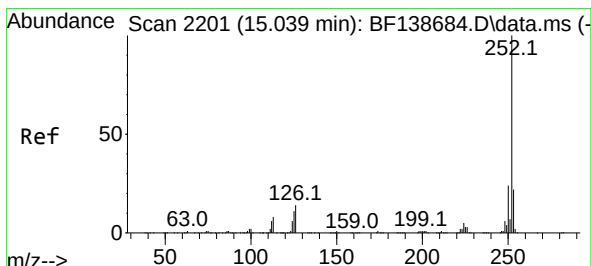
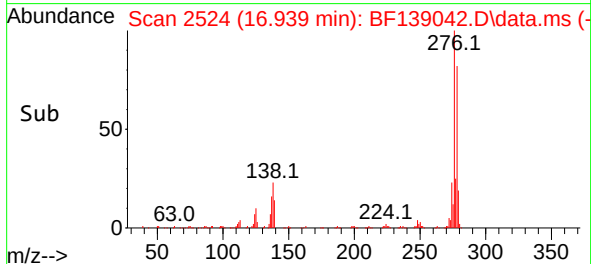
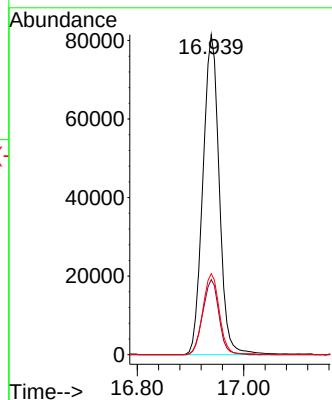
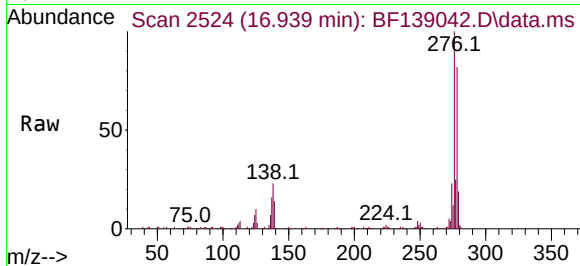




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.004 ng
 RT: 16.939 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139042.D
 Acq: 16 Aug 2024 01:18

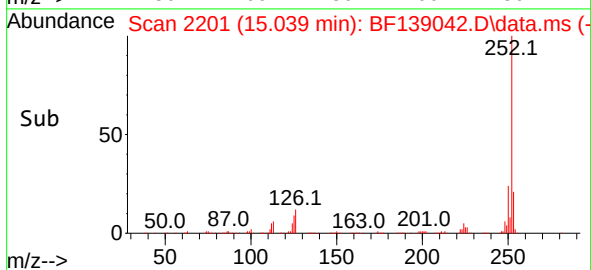
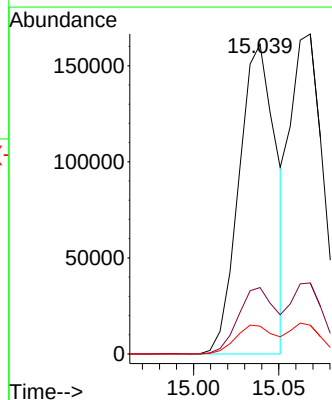
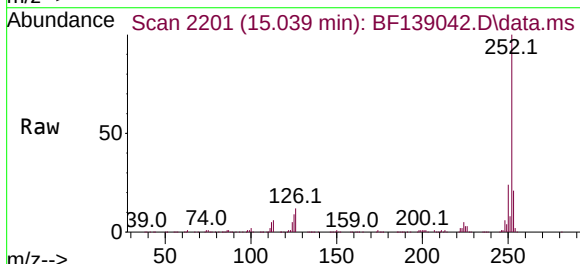
Instrument :
 BNA_F
 ClientSampleId :
 C-SOILMSD

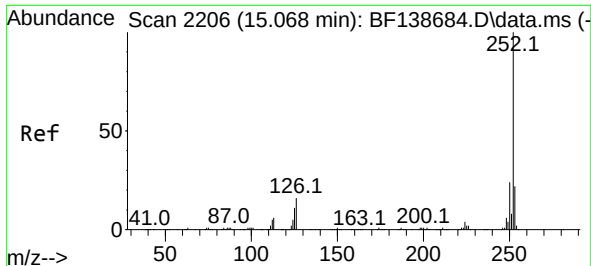
Tgt Ion:276 Resp: 173897
 Ion Ratio Lower Upper
 276 100
 138 23.2 21.8 32.8
 277 25.4 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 61.364 ng
 RT: 15.039 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: BF139042.D
 Acq: 16 Aug 2024 01:18

Tgt Ion:252 Resp: 242884
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.5 26.3
 125 9.0 8.9 13.3

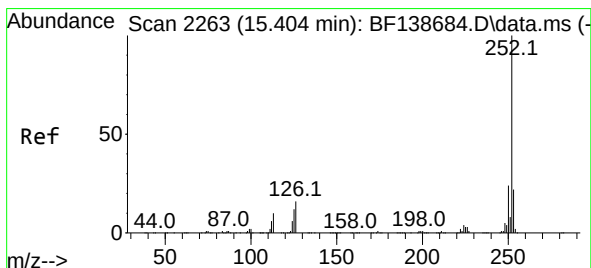
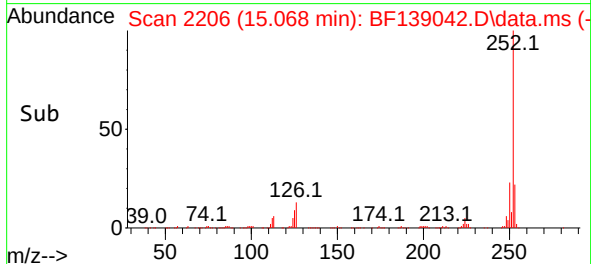
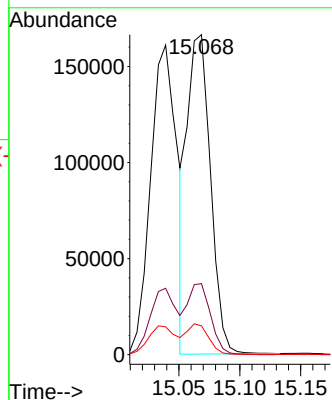
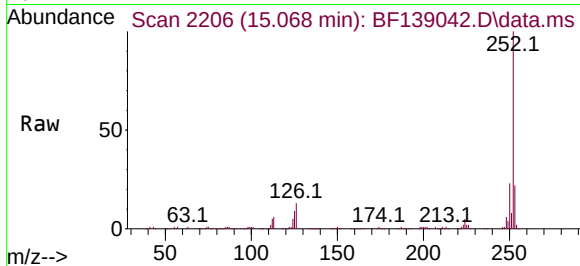




#89
Benzo(k)fluoranthene
Concen: 64.681 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

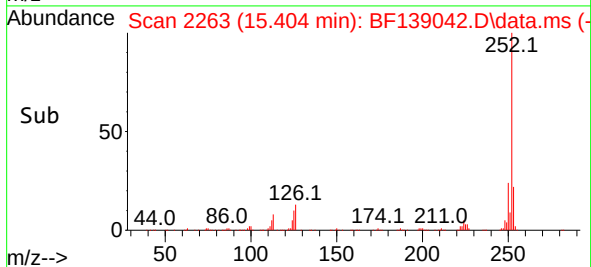
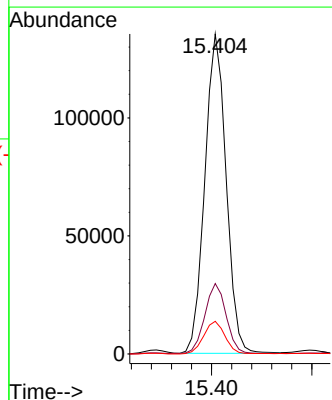
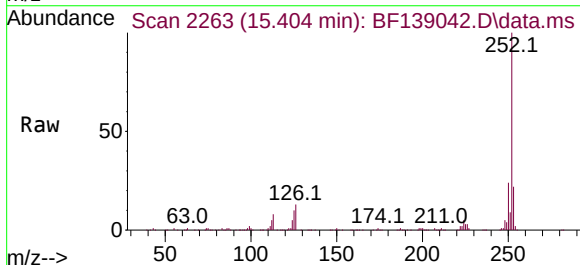
Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

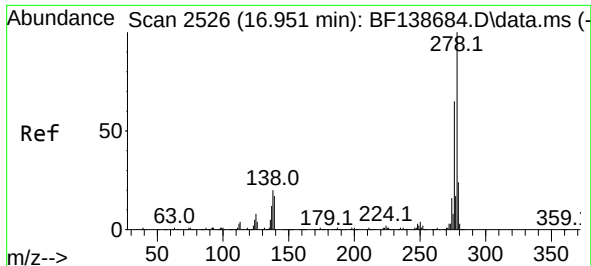
Tgt Ion:252 Resp: 221660
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 60.081 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:252 Resp: 200029
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.2 9.5 14.3

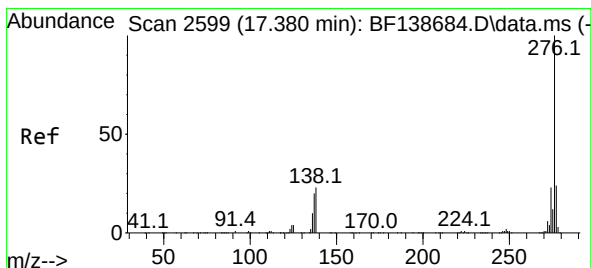
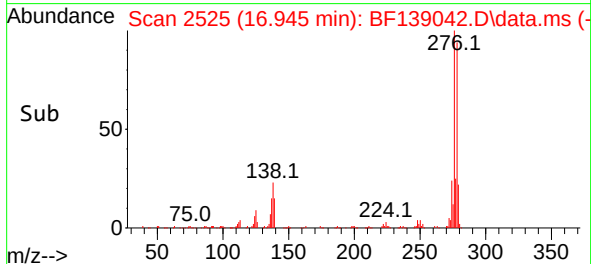
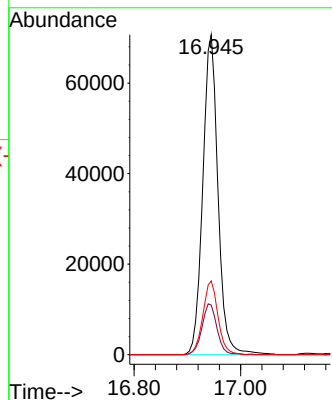
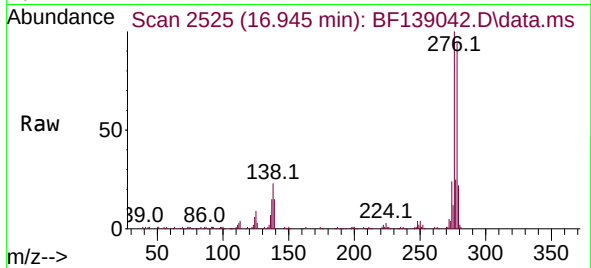




#91
Dibenzo(a,h)anthracene
Concen: 37.222 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Instrument :
BNA_F
ClientSampleId :
C-SOILMSD

Tgt Ion:278 Resp: 139809
Ion Ratio Lower Upper
278 100
139 15.5 14.0 21.0
279 23.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 31.749 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF139042.D
Acq: 16 Aug 2024 01:18

Tgt Ion:276 Resp: 123748
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 19.5 18.5 27.7

