

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125490.D
 Acq On : 14 Sep 2021 23:53
 Operator : JU/CG
 Sample : M3720-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-SOILPILEMS

Quant Time: Sep 15 01:08:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 17:17:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147250	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	566943	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	296232	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	479224	20.000	ng	0.00
76) Chrysene-d12	14.051	240	248257	20.000	ng	-0.01
86) Perylene-d12	15.545	264	314514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	825472	84.851	ng	0.00
7) Phenol-d6	6.516	99	1060341	84.274	ng	0.00
23) Nitrobenzene-d5	7.439	82	704171	62.530	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	219225	74.136	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1251801	58.895	ng	0.00
79) Terphenyl-d14	12.992	244	955172	61.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	166174	34.616	ng	# 100
3) Pyridine	3.475	79	374214	29.529	ng	# 91
4) n-Nitrosodimethylamine	3.434	42	234174	36.928	ng	# 38
6) Aniline	6.539	93	369078	24.973	ng	# 87
8) 2-Chlorophenol	6.663	128	391754	39.474	ng	# 80
9) Benzaldehyde	6.428	77	259267	29.362	ng	93
10) Phenol	6.528	94	507732	38.534	ng	86
11) bis(2-Chloroethyl)ether	6.610	93	410166	39.526	ng	86
12) 1,3-Dichlorobenzene	6.816	146	432414	37.600	ng	98
13) 1,4-Dichlorobenzene	6.892	146	436032	38.051	ng	97
14) 1,2-Dichlorobenzene	7.045	146	421289	39.078	ng	98
15) Benzyl Alcohol	7.022	79	356879	36.839	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	734499	35.294	ng	92
17) 2-Methylphenol	7.133	107	334193	40.087	ng	# 92
18) Hexachloroethane	7.386	117	156946	39.113	ng	# 83
19) n-Nitroso-di-n-propyla...	7.292	70	280063	37.007	ng	# 76
20) 3+4-Methylphenols	7.286	107	380803	36.388	ng	# 59
22) Acetophenone	7.286	105	540215	37.024	ng	# 89
24) Nitrobenzene	7.463	77	458377	37.355	ng	91
25) Isophorone	7.698	82	802502	36.940	ng	# 89
26) 2-Nitrophenol	7.781	139	202812	41.392	ng	# 86
27) 2,4-Dimethylphenol	7.816	122	348820	40.665	ng	88
28) bis(2-Chloroethoxy)met...	7.904	93	500330	41.595	ng	# 96
29) 2,4-Dichlorophenol	8.022	162	336947	38.517	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	360814	37.823	ng	94
31) Naphthalene	8.180	128	1066616	36.735	ng	100
32) Benzoic acid	7.816	122	348820	59.914	ng	# 20
33) 4-Chloroaniline	8.233	127	218686	19.105	ng	# 95
34) Hexachlorobutadiene	8.292	225	234232	38.508	ng	99
35) Caprolactam	8.598	113	63511	28.030	ng	# 48
36) 4-Chloro-3-methylphenol	8.722	107	349610	39.147	ng	92
37) 2-Methylnaphthalene	8.875	142	745169	38.838	ng	98
38) 1-Methylnaphthalene	8.975	142	684544	38.207	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	379356	39.196	ng	97
41) Hexachlorocyclopentadiene	9.022	237	298354	58.675	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	213312	31.302	ng	98

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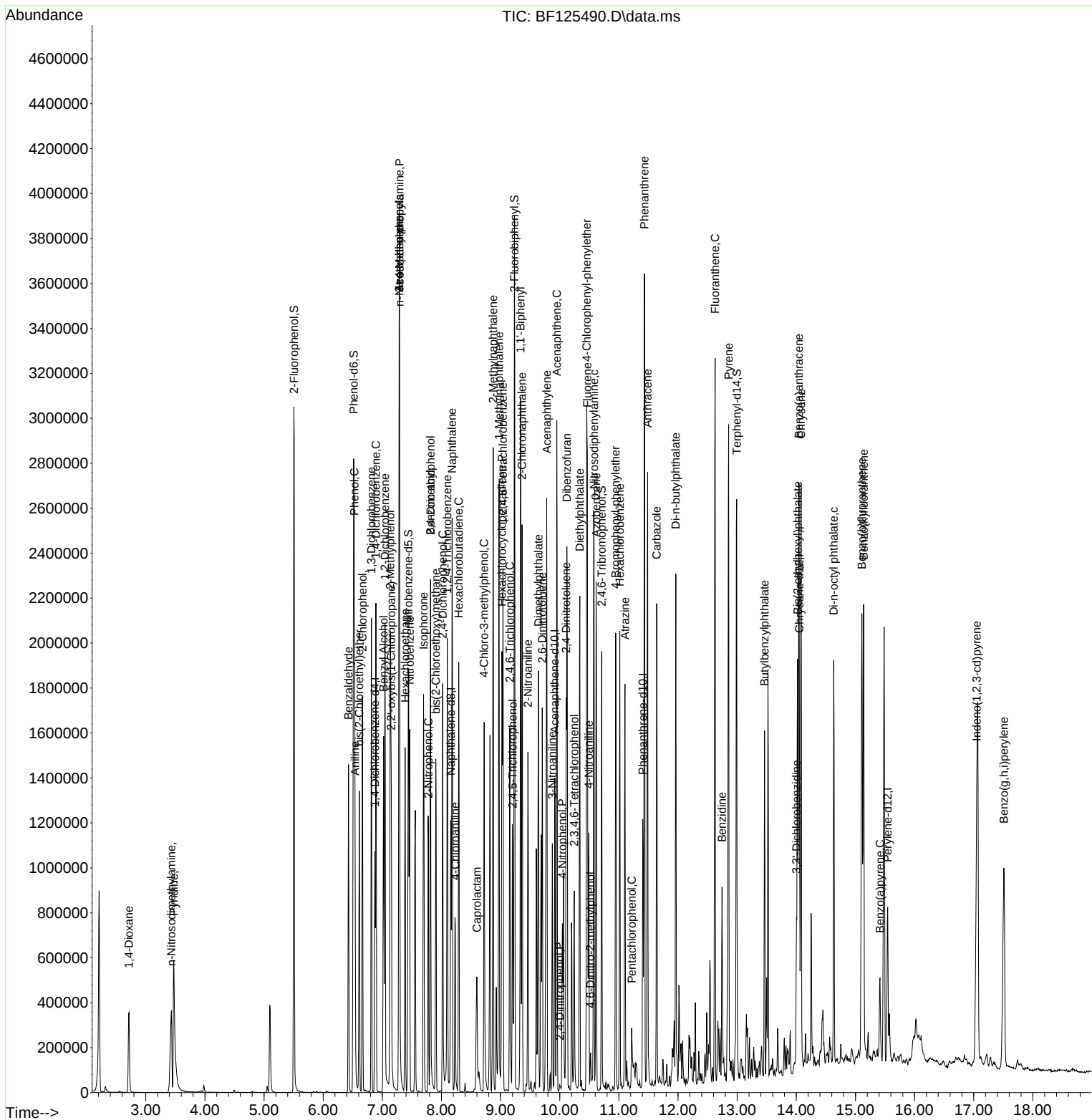
Instrument :
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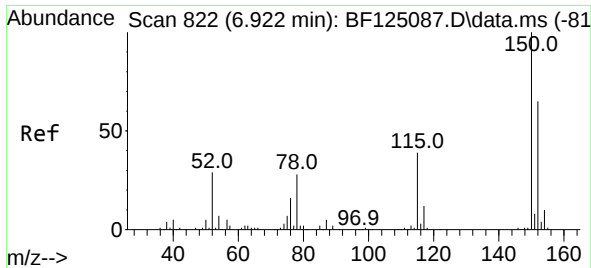
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	211349	29.479	ng	# 92
46) 1,1'-Biphenyl	9.339	154	861487	36.072	ng	99
47) 2-Chloronaphthalene	9.363	162	715004	36.841	ng	97
48) 2-Nitroaniline	9.463	65	262097	43.566	ng	# 82
49) Acenaphthylene	9.780	152	1074774	38.004	ng	99
50) Dimethylphthalate	9.639	163	843765	41.102	ng	# 97
51) 2,6-Dinitrotoluene	9.704	165	185543	41.683	ng	# 81
52) Acenaphthene	9.951	154	638168	36.400	ng	97
53) 3-Nitroaniline	9.874	138	142519	29.689	ng	# 76
54) 2,4-Dinitrophenol	9.998	184	5577	3.172	ng	# 87
55) Dibenzofuran	10.122	168	925647	36.686	ng	98
56) 4-Nitrophenol	10.045	139	146628	38.572	ng	# 81
57) 2,4-Dinitrotoluene	10.110	165	235644	43.740	ng	# 99
58) Fluorene	10.469	166	726398	38.941	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120904	22.724	ng	# 82
60) Diethylphthalate	10.339	149	782916	39.120	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	370048	39.235	ng	87
62) 4-Nitroaniline	10.492	138	178812	41.424	ng	# 82
63) Azobenzene	10.616	77	794588	35.397	ng	90
65) 4,6-Dinitro-2-methylph...	10.521	198	27579	10.873	ng	86
66) n-Nitrosodiphenylamine	10.580	169	681400	39.710	ng	96
67) 4-Bromophenyl-phenylether	10.945	248	243154	42.254	ng	95
68) Hexachlorobenzene	11.016	284	250292	42.279	ng	# 84
69) Atrazine	11.104	200	205187	41.671	ng	92
70) Pentachlorophenol	11.216	266	61822	17.885	ng	92
71) Phenanthrene	11.433	178	1338541	50.692	ng	98
72) Anthracene	11.486	178	1088047	41.805	ng	98
73) Carbazole	11.639	167	842918	35.441	ng	99
74) Di-n-butylphthalate	11.963	149	1033233	36.608	ng	100
75) Fluoranthene	12.627	202	1392616	53.152	ng	96
77) Benzidine	12.745	184	296427	34.189	ng	97
78) Pyrene	12.857	202	1272515	59.755	ng	96
80) Butylbenzylphthalate	13.462	149	321442	38.414	ng	91
81) Benzo(a)anthracene	14.045	228	1015112	56.751	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	127324	22.963	ng	# 98
83) Chrysene	14.080	228	964123	54.503	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	440241	38.279	ng	# 99
85) Di-n-octyl phthalate	14.633	149	805649	42.119	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.050	276	1029477	45.435	ng	# 89
88) Benzo(b)fluoranthene	15.109	252	1139225	49.579	ng	# 94
89) Benzo(k)fluoranthene	15.139	252	947377	44.184	ng	99
90) Benzo(a)pyrene	15.415	252	189230	9.323	ng	99
92) Benzo(g,h,i)perylene	17.509	276	843555	44.668	ng	# 86

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

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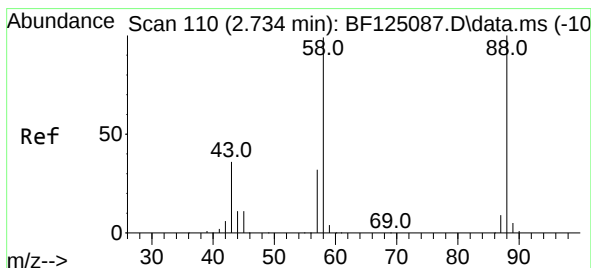
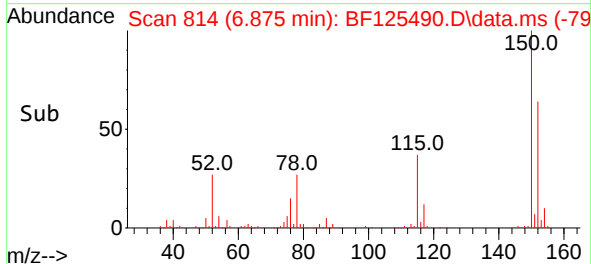
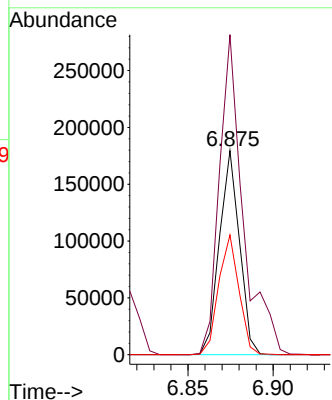
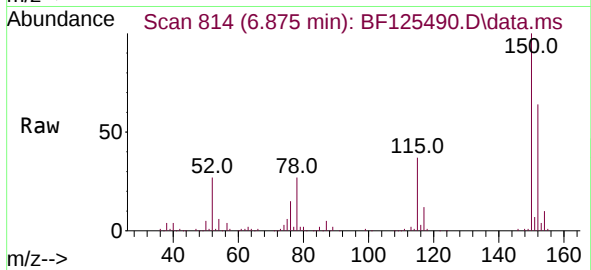




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF125490.D
 Acq: 14 Sep 2021 23:53

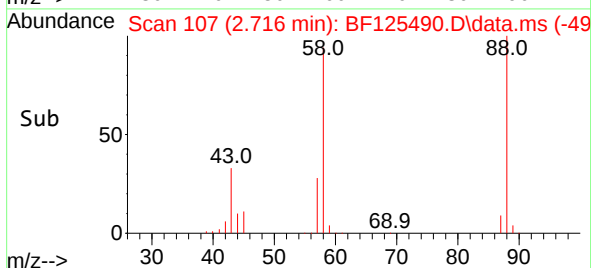
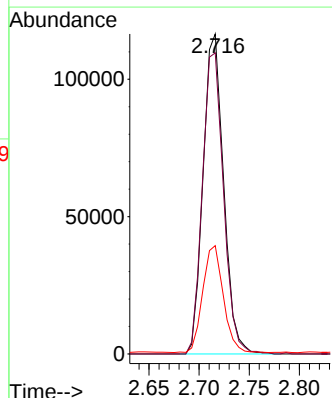
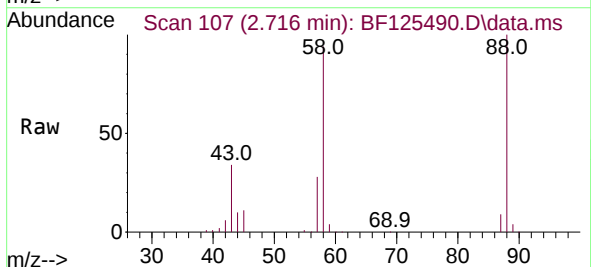
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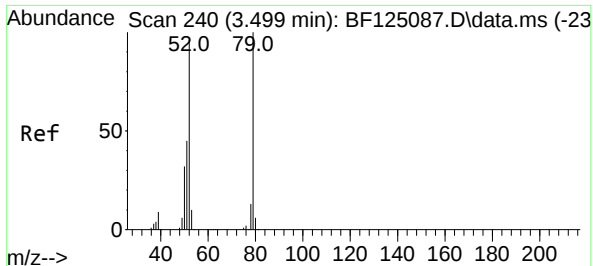
Tgt Ion:152 Resp: 147250
 Ion Ratio Lower Upper
 152 100
 150 156.8 117.6 176.4
 115 58.7 47.1 70.7



#2
 1,4-Dioxane
 Concen: 34.616 ng
 RT: 2.716 min Scan# 107
 Delta R.T. 0.041 min
 Lab File: BF125490.D
 Acq: 14 Sep 2021 23:53

Tgt Ion: 88 Resp: 166174
 Ion Ratio Lower Upper
 88 100
 58 96.7 0.0 0.0#
 43 33.4 0.0 0.0#

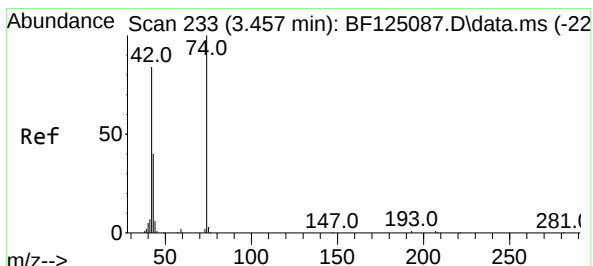
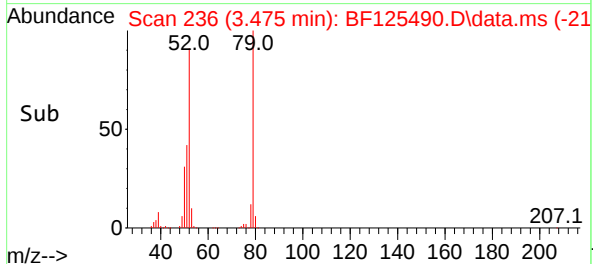
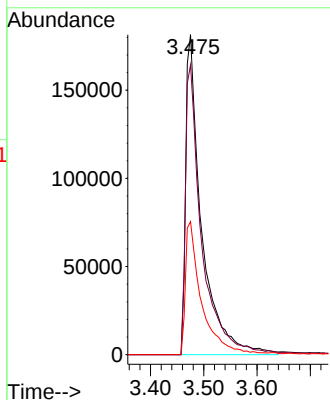
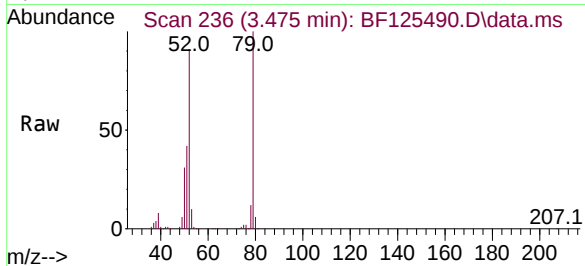




#3
Pyridine
Concen: 29.529 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.035 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

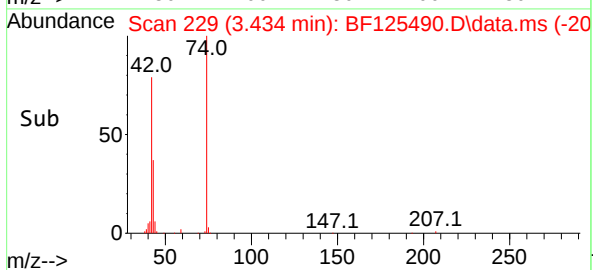
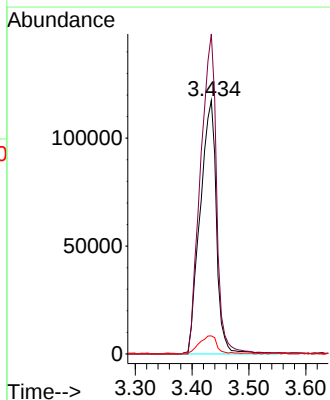
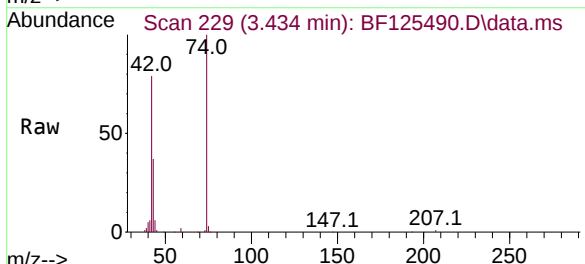
Instrument :
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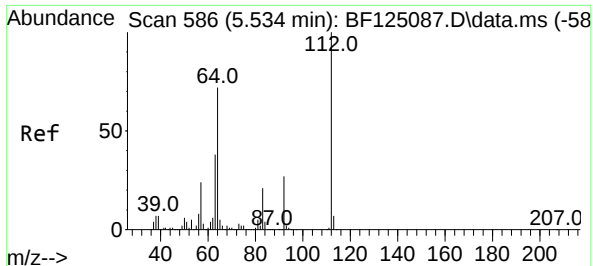
Tgt Ion: 79 Resp: 374214
Ion Ratio Lower Upper
79 100
52 90.6 70.3 105.5
51 41.6 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 36.928 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.029 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion: 42 Resp: 234174
Ion Ratio Lower Upper
42 100
74 126.3 59.0 88.6#
44 7.2 0.0 0.0#

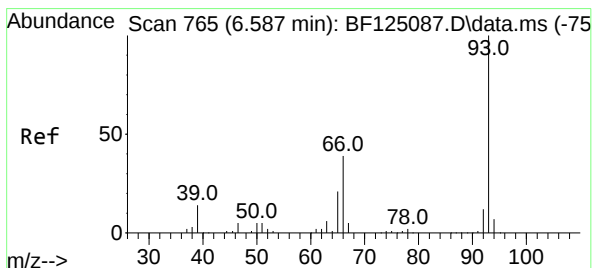
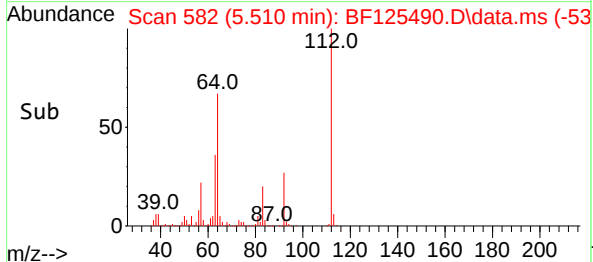
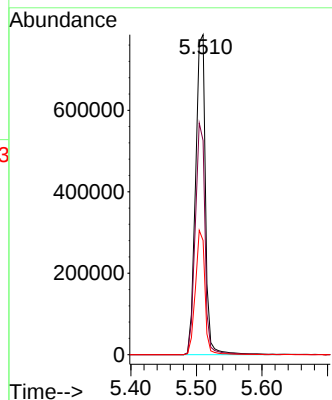
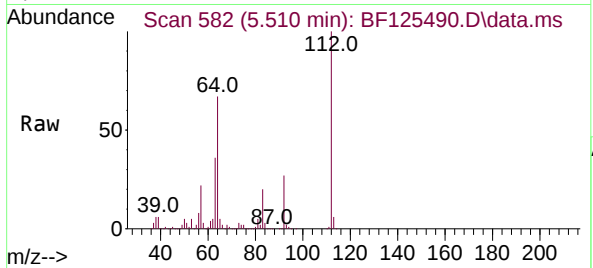




#5
2-Fluorophenol
Concen: 84.851 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

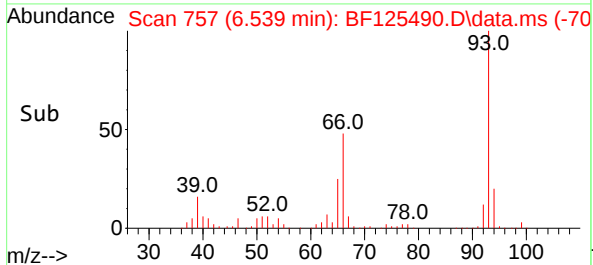
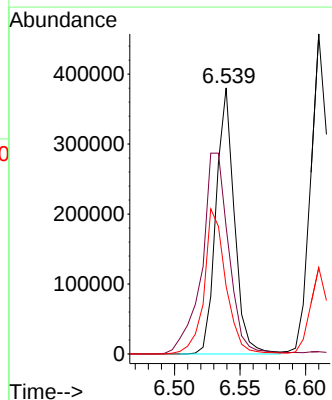
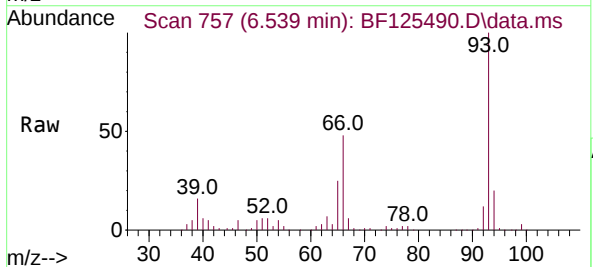
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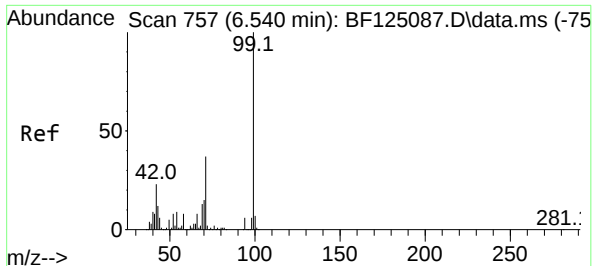
Tgt Ion:112 Resp: 825472
Ion Ratio Lower Upper
112 100
64 66.9 44.2 66.2#
63 35.7 26.2 39.2



#6
Aniline
Concen: 24.973 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion: 93 Resp: 369078
Ion Ratio Lower Upper
93 100
66 47.8 32.7 49.1
65 25.4 14.2 21.4#

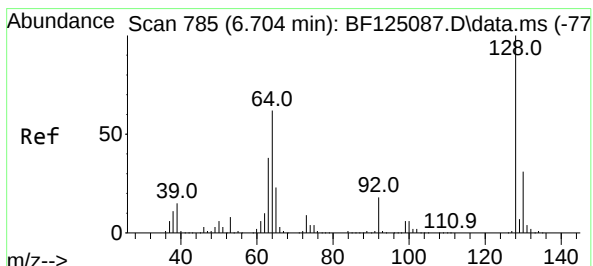
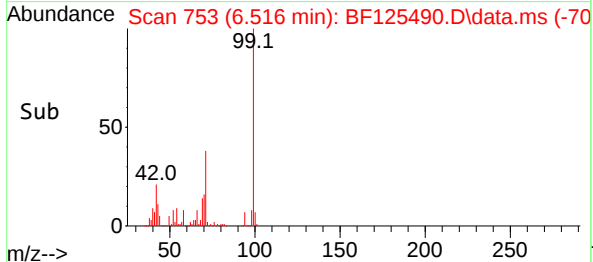
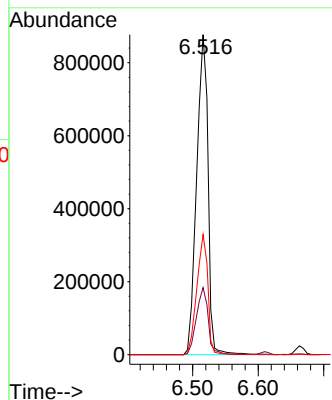
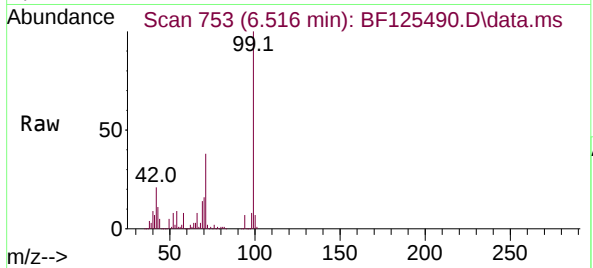




#7
Phenol-d6
Concen: 84.274 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

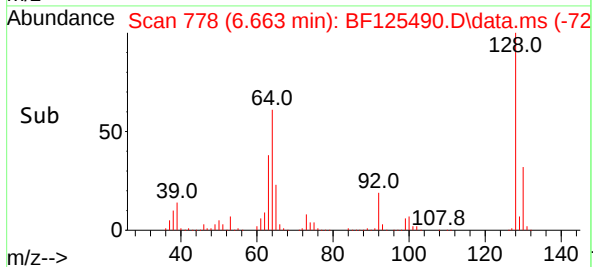
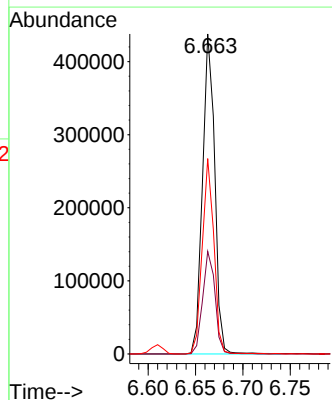
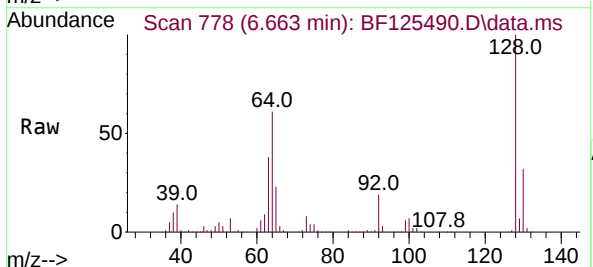
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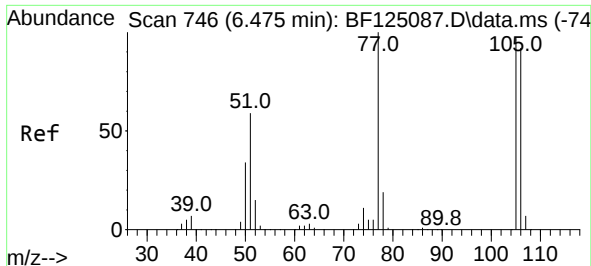
Tgt Ion: 99 Resp: 1060341
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 37.5 25.6 38.4



#8
2-Chlorophenol
Concen: 39.474 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion: 128 Resp: 391754
Ion Ratio Lower Upper
128 100
130 32.0 10.5 50.5
64 61.1 20.3 60.3#

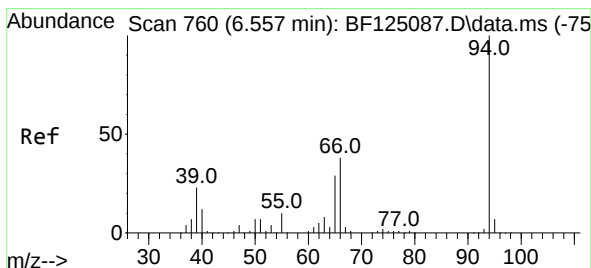
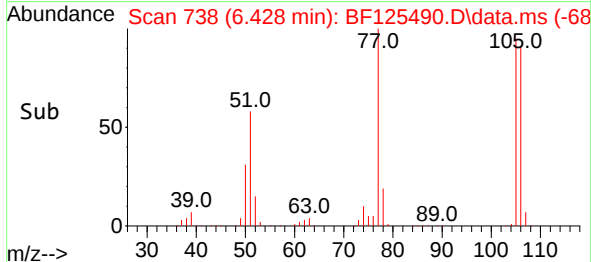
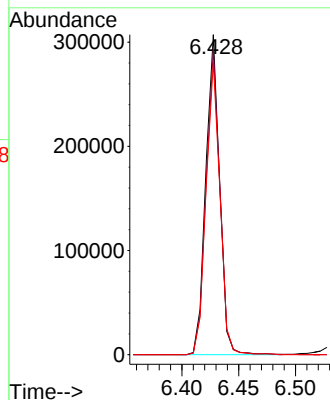
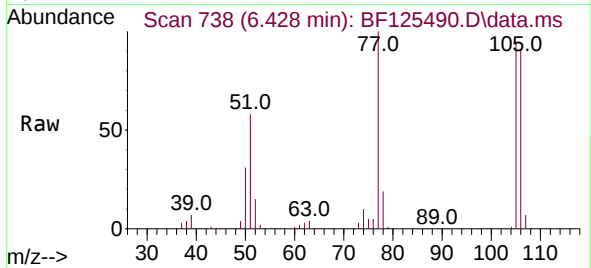




#9
Benzaldehyde
Concen: 29.362 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

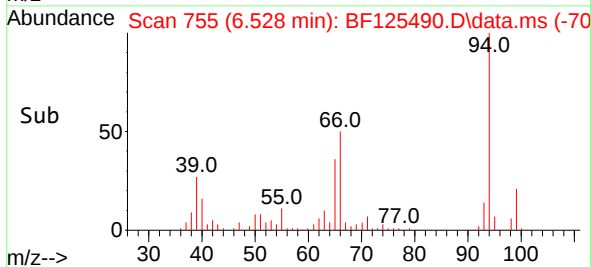
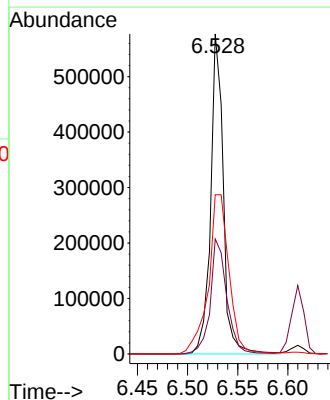
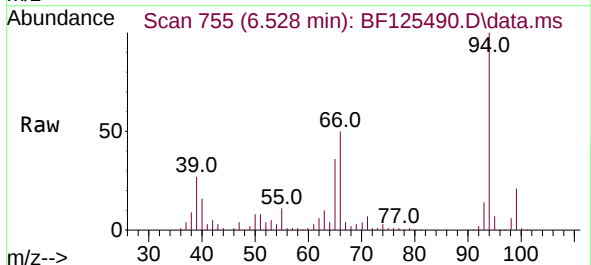
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ClientSampleId :
WQ-SOILPILEMS

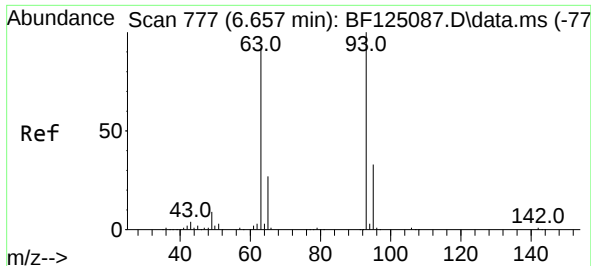
Tgt Ion:	77	Resp:	259267
Ion	Ratio	Lower	Upper
77	100		
105	95.4	75.9	115.9
106	91.4	84.0	124.0



#10
Phenol
Concen: 38.534 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:	94	Resp:	507732
Ion	Ratio	Lower	Upper
94	100		
65	36.0	9.3	49.3
66	49.8	20.3	60.3

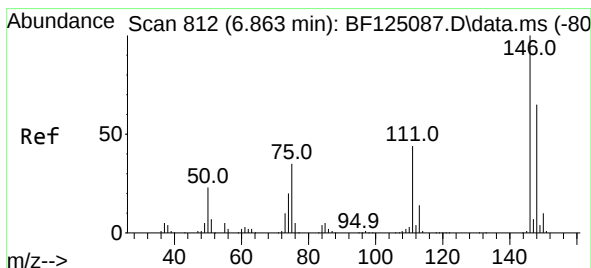
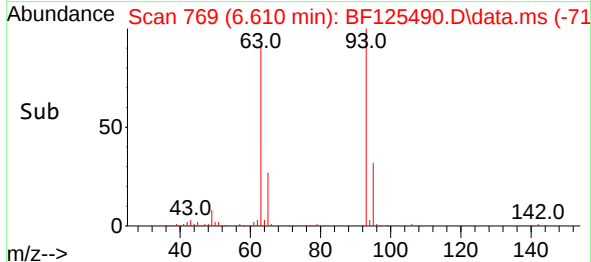
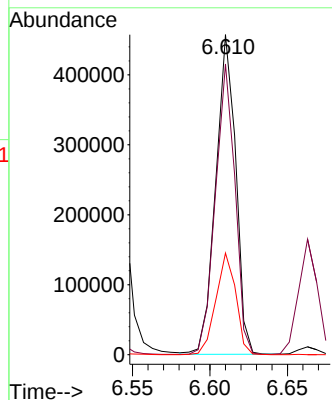
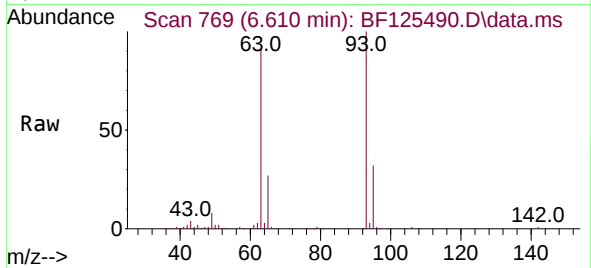




#11
bis(2-Chloroethyl)ether
Concen: 39.526 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

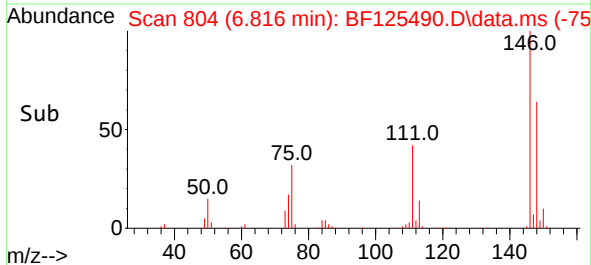
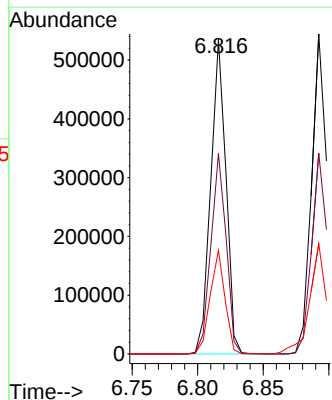
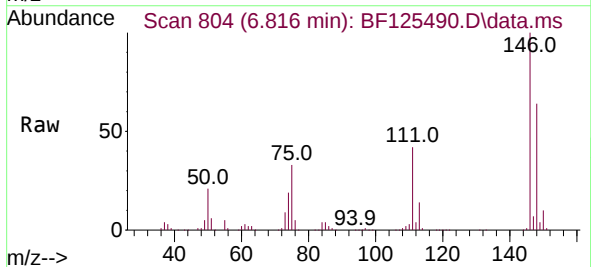
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

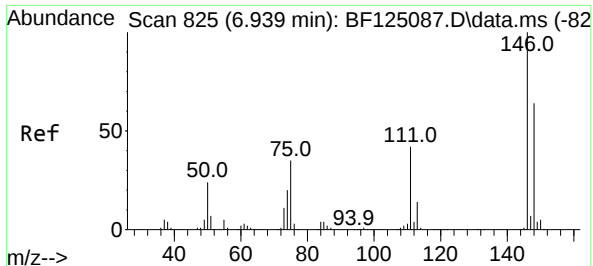
Tgt Ion: 93 Resp: 410166
Ion Ratio Lower Upper
93 100
63 90.9 54.4 94.4
95 31.8 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 37.600 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion: 146 Resp: 432414
Ion Ratio Lower Upper
146 100
148 63.7 49.7 74.5
75 33.0 25.2 37.8

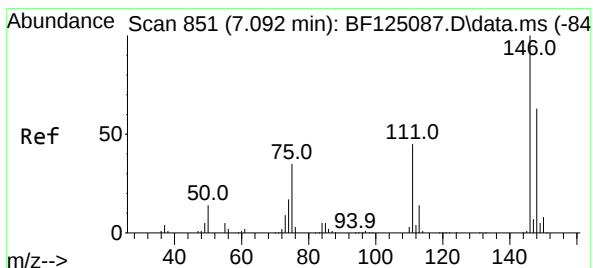
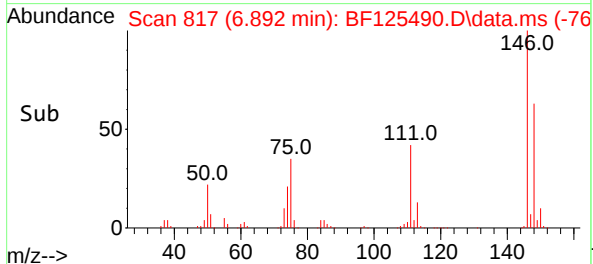
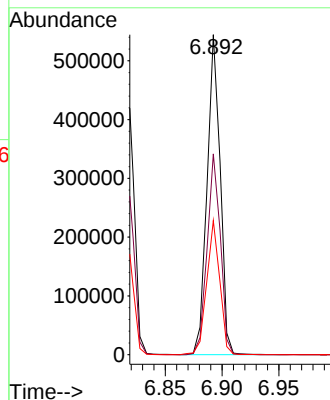
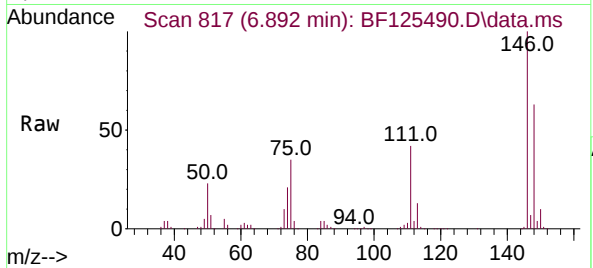




#13
1,4-Dichlorobenzene
Concen: 38.051 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

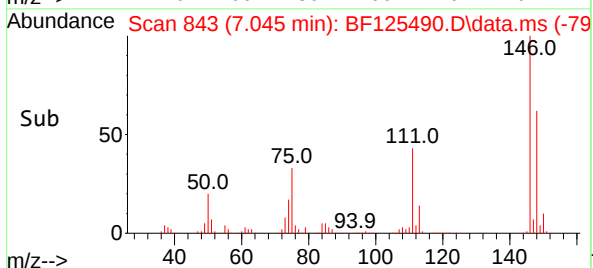
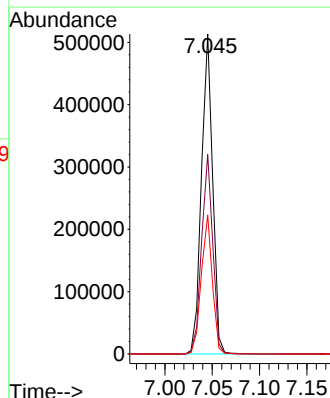
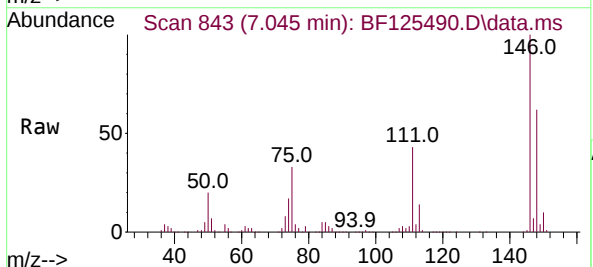
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

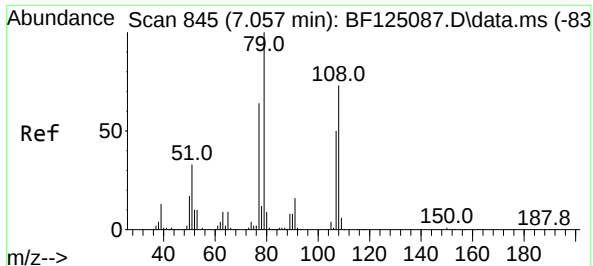
Tgt Ion:146 Resp: 436032
Ion Ratio Lower Upper
146 100
148 62.7 51.9 77.9
111 41.9 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 39.078 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:146 Resp: 421289
Ion Ratio Lower Upper
146 100
148 62.4 50.6 75.8
111 43.4 33.5 50.3





#15

Benzyl Alcohol

Concen: 36.839 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

Tgt Ion: 79 Resp: 356879

Ion Ratio Lower Upper

79 100

108 73.7 60.4 90.6

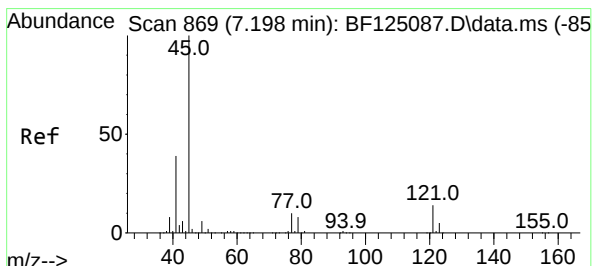
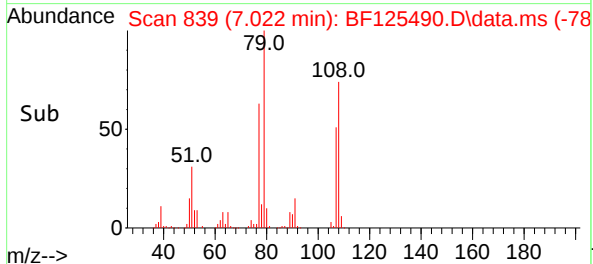
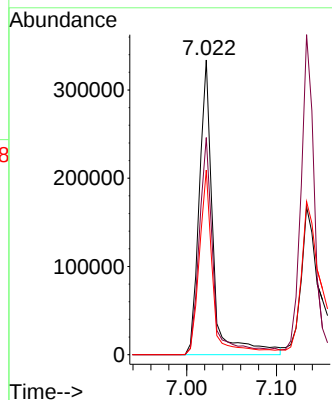
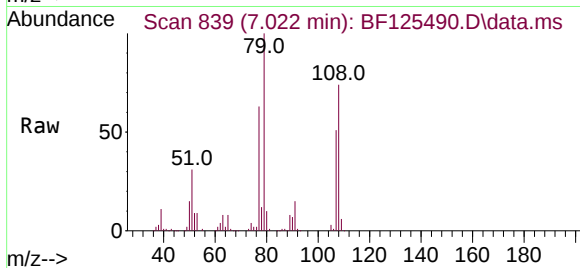
77 62.7 51.5 77.3

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMS



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.294 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

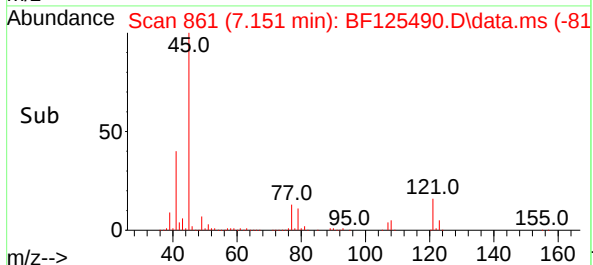
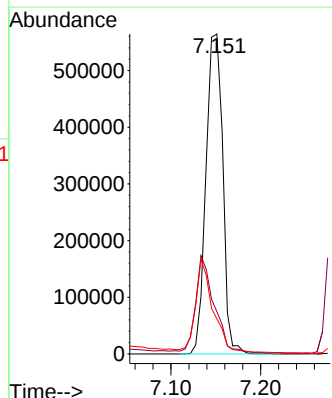
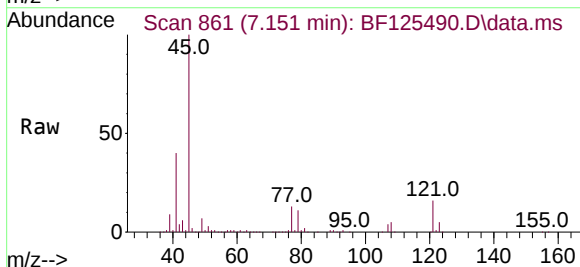
Tgt Ion: 45 Resp: 734499

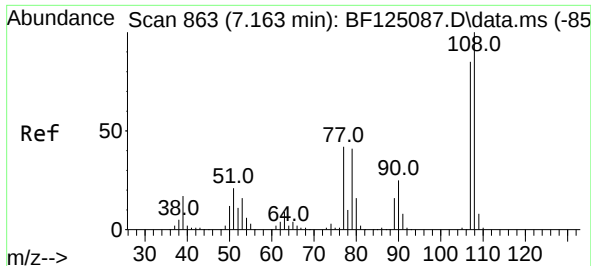
Ion Ratio Lower Upper

45 100

77 13.2 0.0 30.6

79 11.0 0.0 27.5

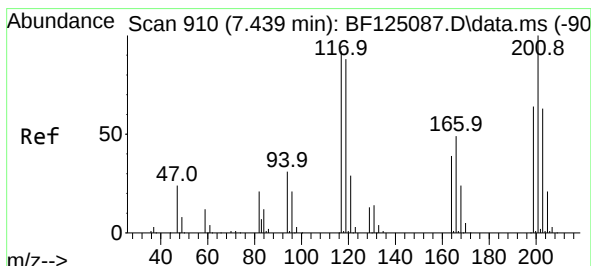
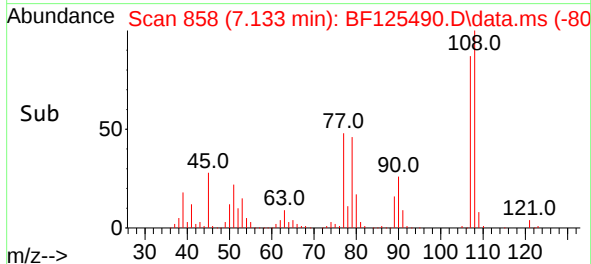
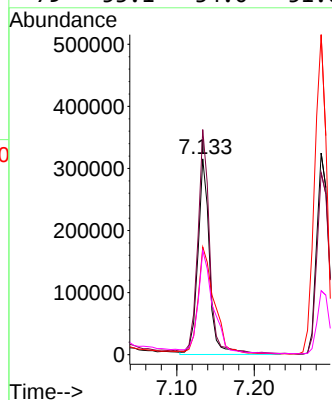
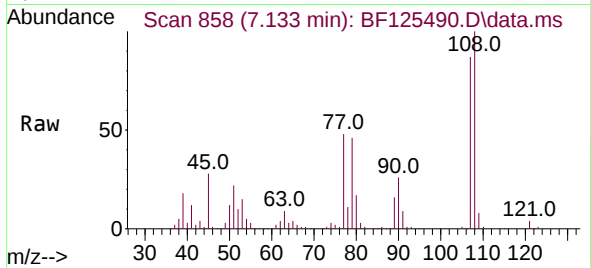




#17
2-Methylphenol
Concen: 40.087 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

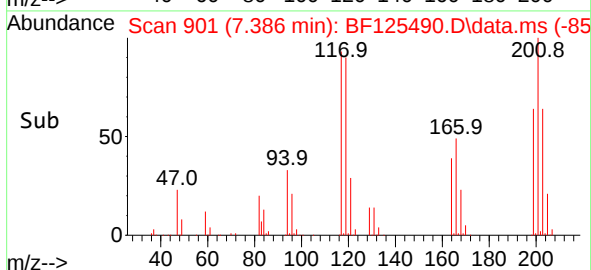
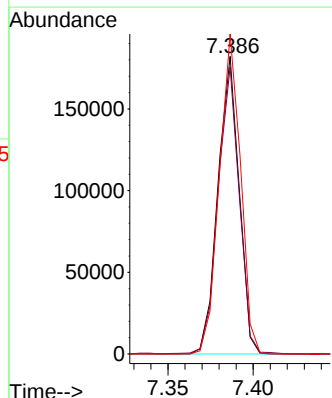
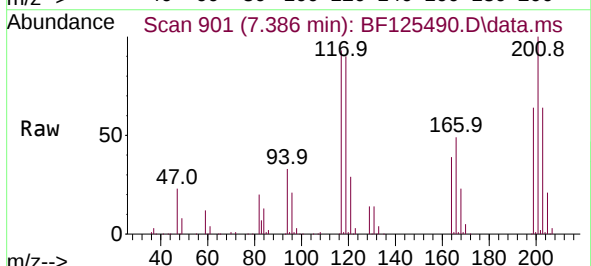
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

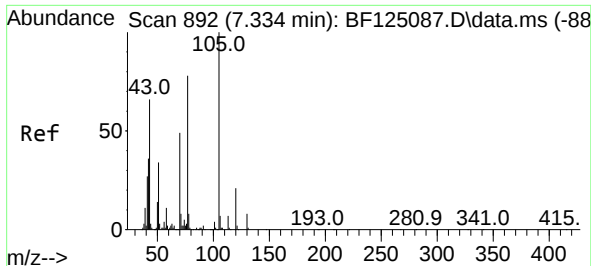
Tgt Ion:107 Resp: 334193
Ion Ratio Lower Upper
107 100
108 115.0 90.6 135.8
77 55.0 35.7 53.5#
79 53.1 34.0 51.0#



#18
Hexachloroethane
Concen: 39.113 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

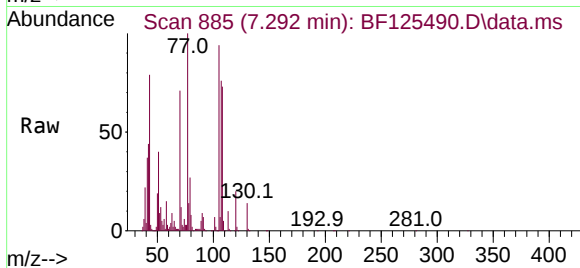
Tgt Ion:117 Resp: 156946
Ion Ratio Lower Upper
117 100
119 96.5 73.4 110.2
201 107.5 64.9 97.3#



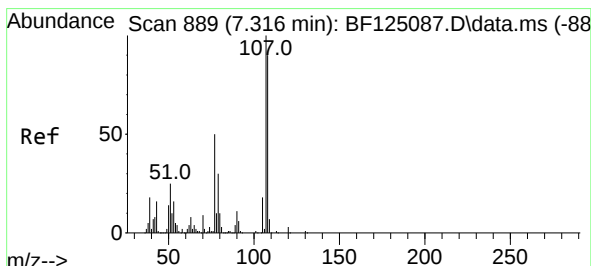
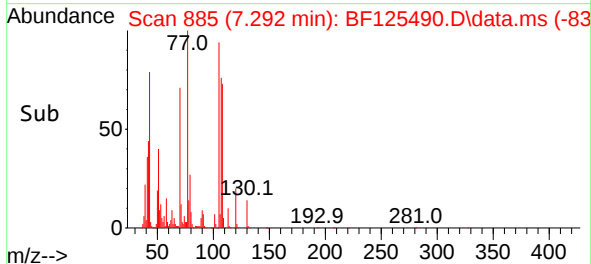
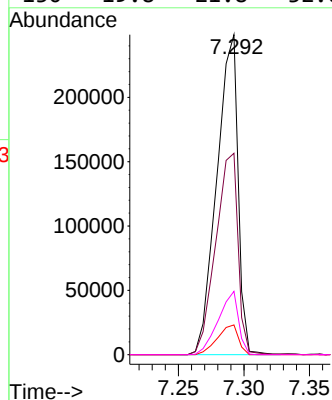


#19
n-Nitroso-di-n-propylamine
Concen: 37.007 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

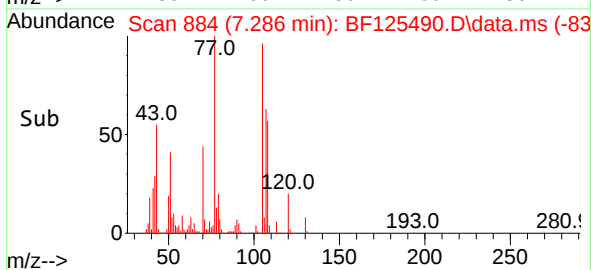
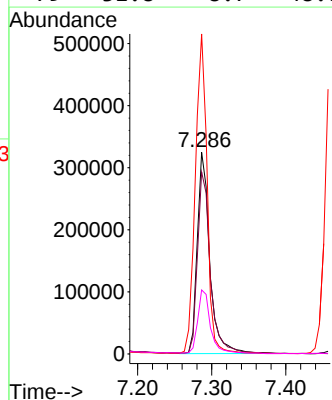
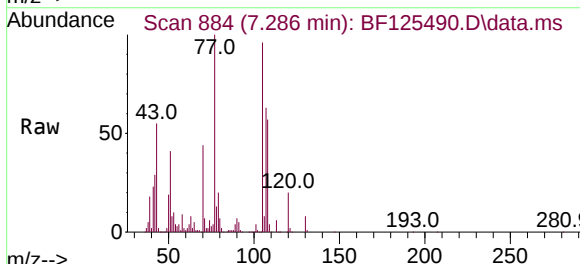


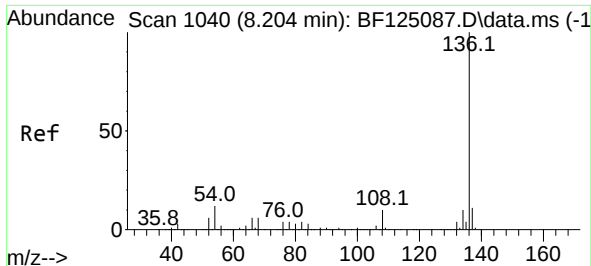
Tgt Ion: 70 Resp: 280063
Ion Ratio Lower Upper
70 100
42 63.0 72.2 108.2#
101 9.3 7.8 11.8
130 19.8 21.8 32.6#



#20
3+4-Methylphenols
Concen: 36.388 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion: 107 Resp: 380803
Ion Ratio Lower Upper
107 100
108 90.2 76.6 116.6
77 158.7 53.3 93.3#
79 31.8 8.7 48.7

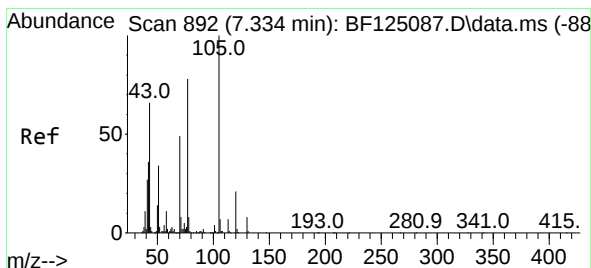
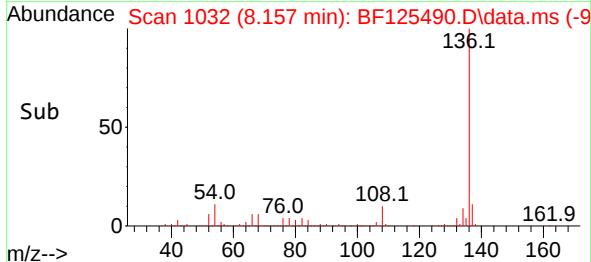
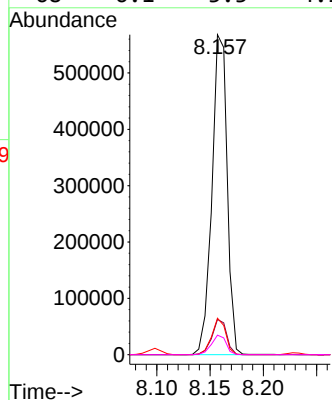
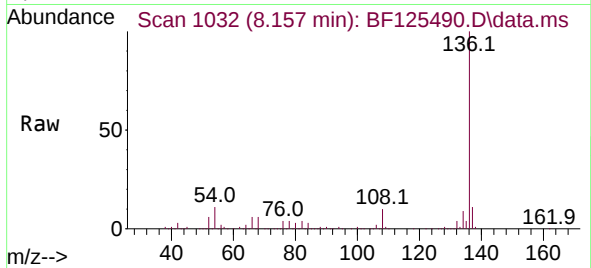




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

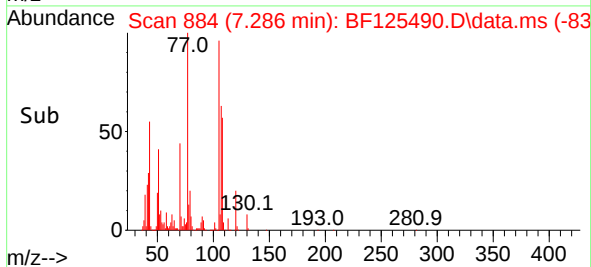
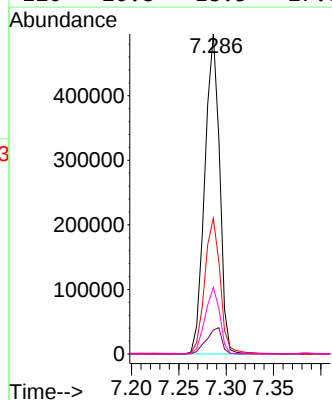
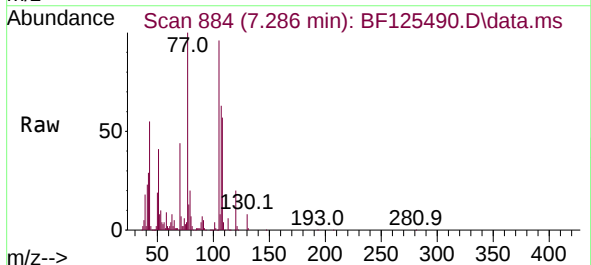
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

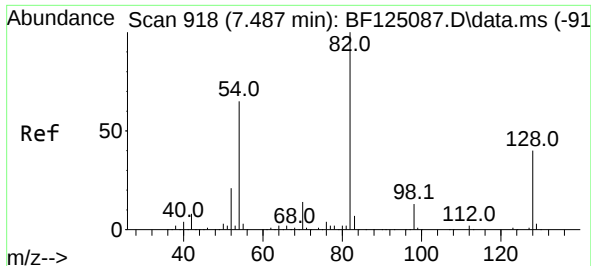
Tgt Ion:136	Resp: 566943
Ion Ratio	Lower Upper
136 100	
137 11.0	9.8 14.6
54 11.4	6.4 9.6#
68 6.1	3.3 4.9#



#22
Acetophenone
Concen: 37.024 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:105	Resp: 540215
Ion Ratio	Lower Upper
105 100	
71 7.5	5.5 8.3
51 42.4	26.0 39.0#
120 20.8	18.5 27.7





#23

Nitrobenzene-d5

Concen: 62.530 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

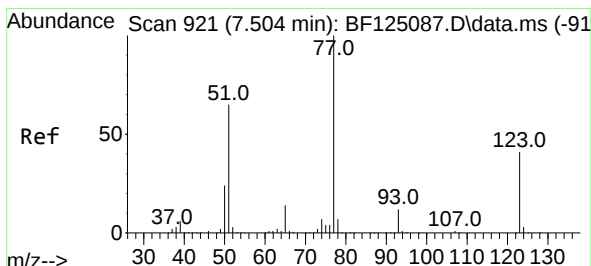
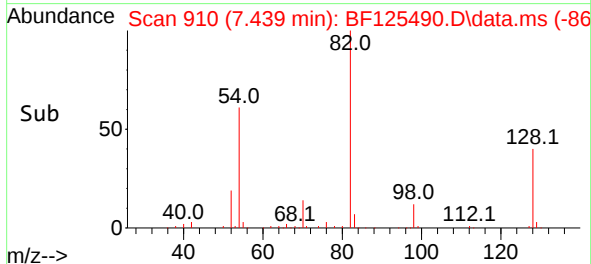
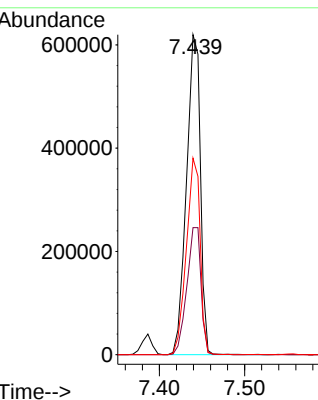
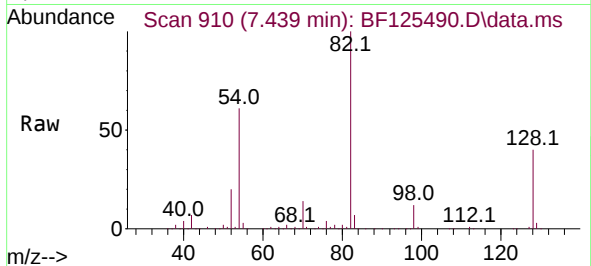
Tgt Ion: 82 Resp: 704171

Ion Ratio Lower Upper

82 100

128 39.7 40.6 60.8#

54 61.4 49.6 74.4



#24

Nitrobenzene

Concen: 37.355 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

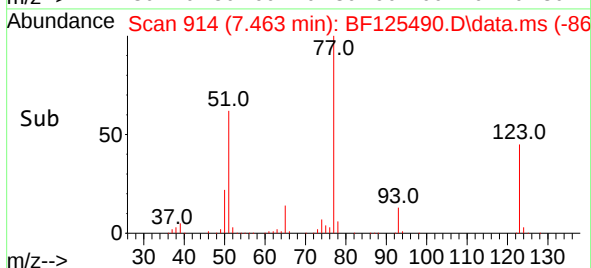
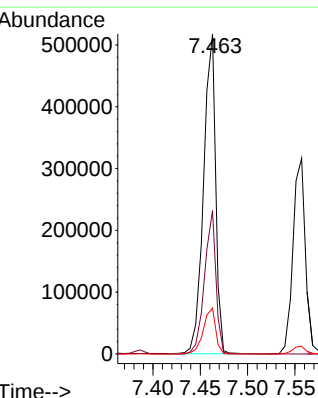
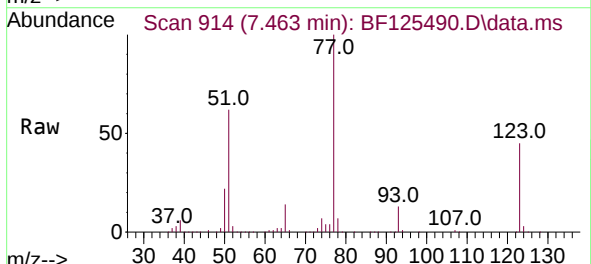
Tgt Ion: 77 Resp: 458377

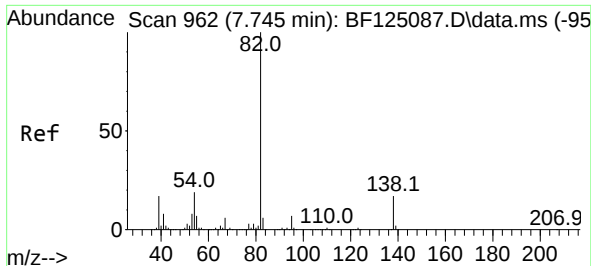
Ion Ratio Lower Upper

77 100

123 44.8 42.3 63.5

65 14.4 12.4 18.6

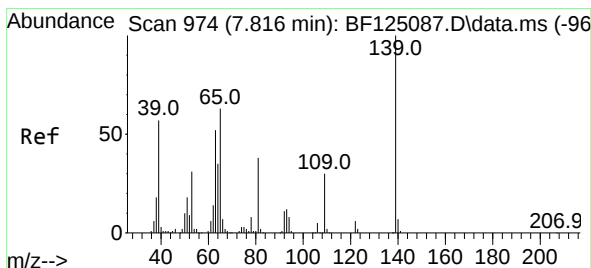
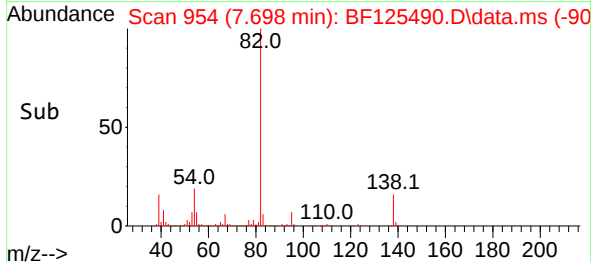
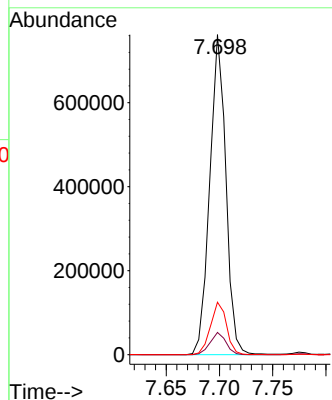
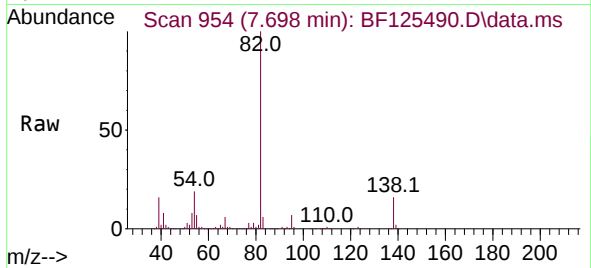




#25
Isophorone
Concen: 36.940 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

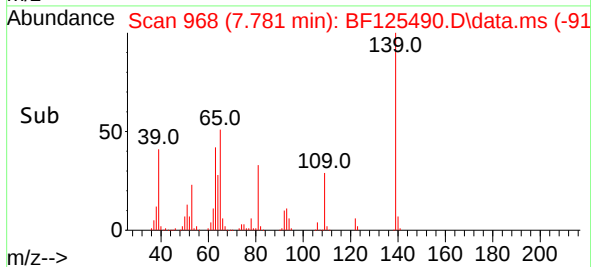
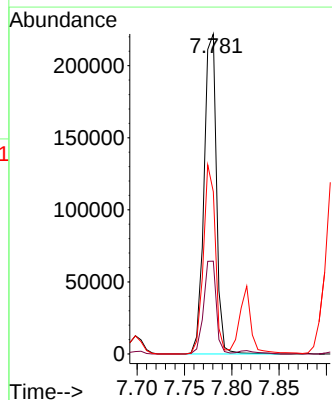
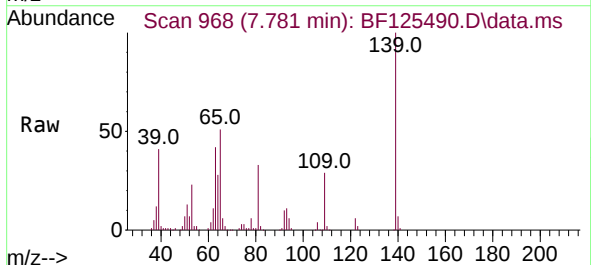
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

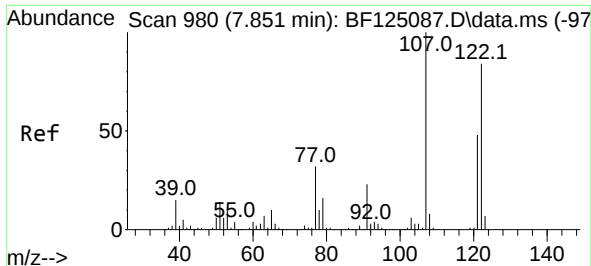
Tgt Ion: 82 Resp: 802502
Ion Ratio Lower Upper
82 100
95 6.9 6.5 9.7
138 16.4 18.4 27.6#



#26
2-Nitrophenol
Concen: 41.392 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:139 Resp: 202812
Ion Ratio Lower Upper
139 100
109 29.0 26.0 39.0
65 50.7 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 40.665 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.000 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

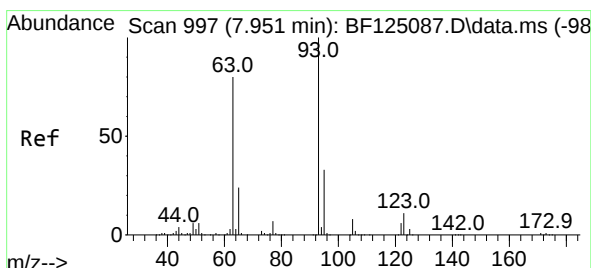
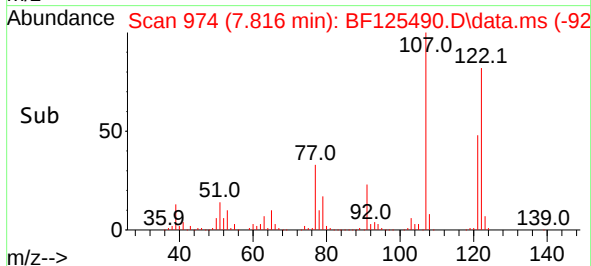
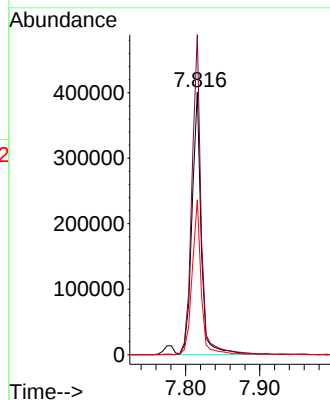
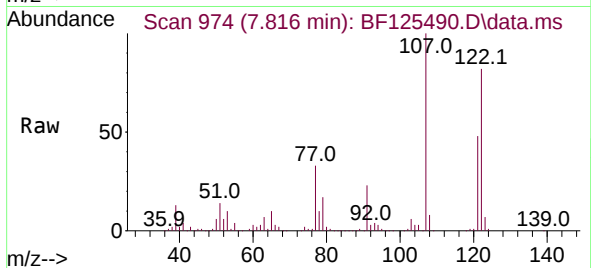
Tgt Ion:	122	Resp:	348820
Ion	Ratio	Lower	Upper
122	100		
107	121.9	85.0	127.6
121	59.0	43.3	64.9

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMS



#28

bis(2-Chloroethoxy)methane

Concen: 41.595 ng

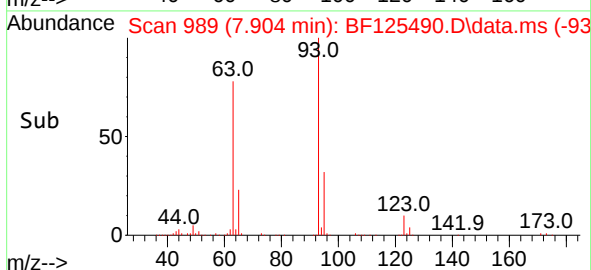
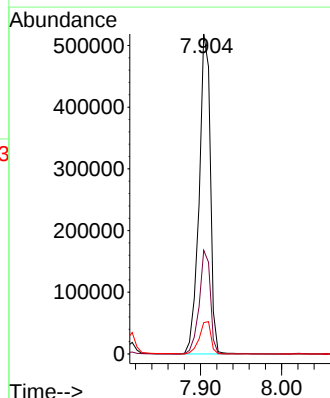
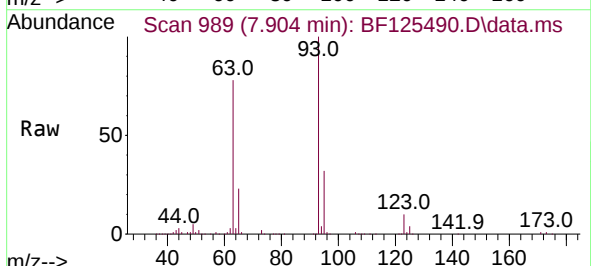
RT: 7.904 min Scan# 989

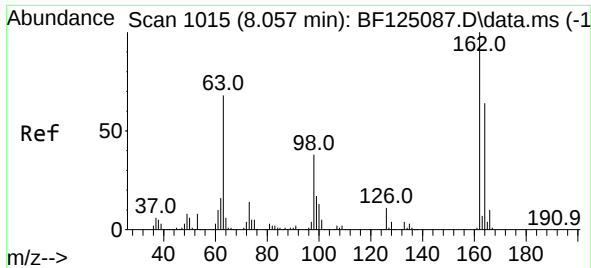
Delta R.T. -0.006 min

Lab File: BF125490.D

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Tgt Ion:	93	Resp:	500330
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.1	39.1
123	9.8	11.7	17.5

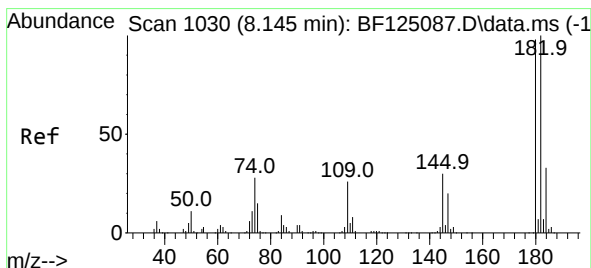
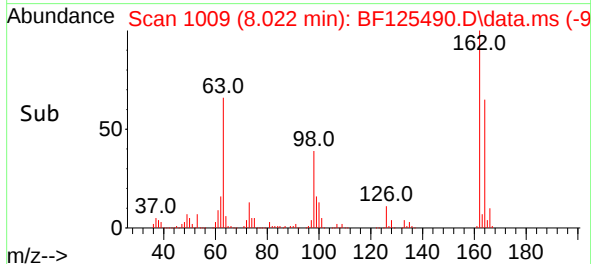
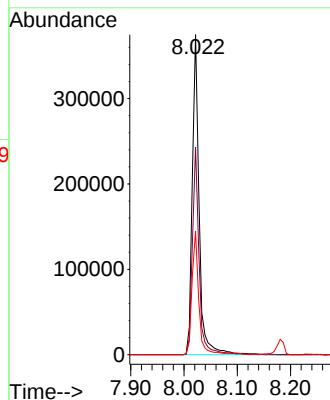
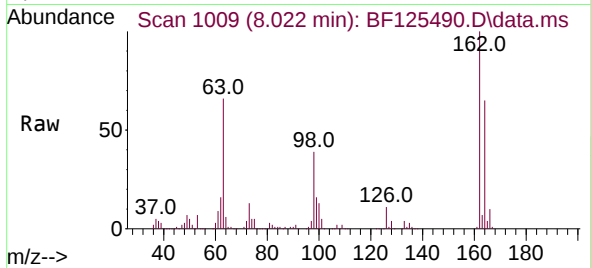




#29
2,4-Dichlorophenol
Concen: 38.517 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

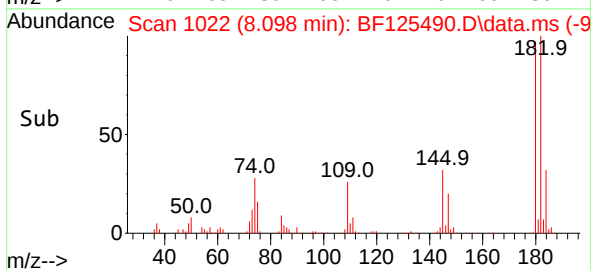
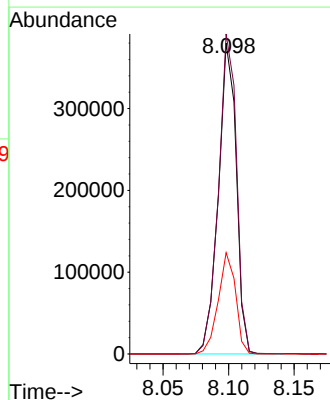
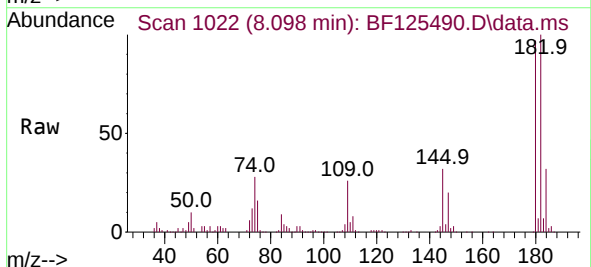
Instrument :
BNA_F
ClientSampleId :
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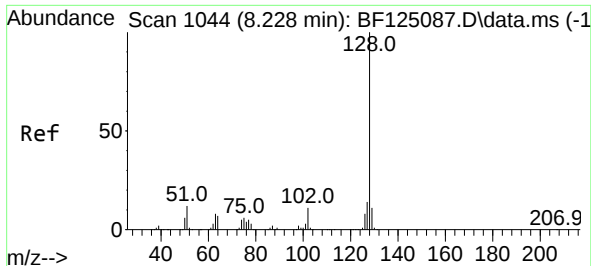
Tgt Ion:162 Resp: 336947
Ion Ratio Lower Upper
162 100
164 64.9 44.5 84.5
98 38.5 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 37.823 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:180 Resp: 360814
Ion Ratio Lower Upper
180 100
182 102.9 76.8 115.2
145 32.6 26.7 40.1

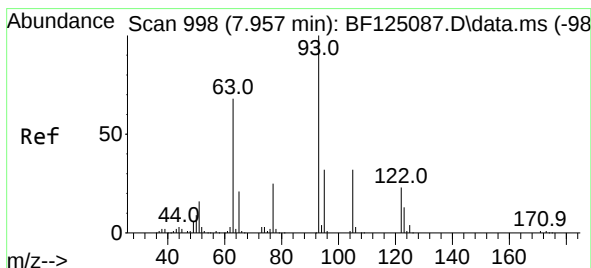
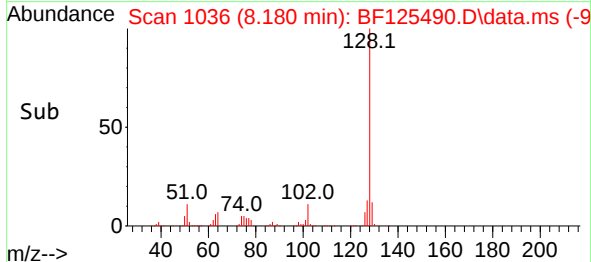
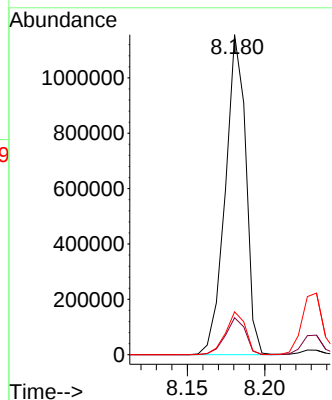
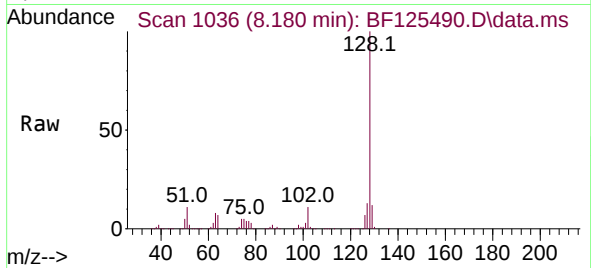




#31
Naphthalene
Concen: 36.735 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

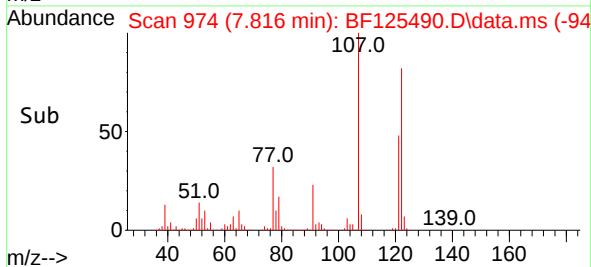
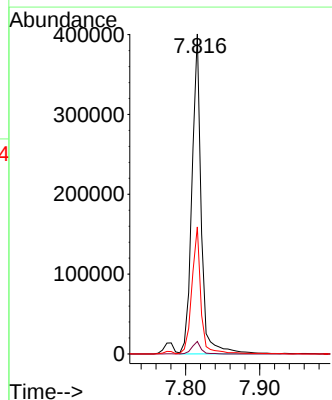
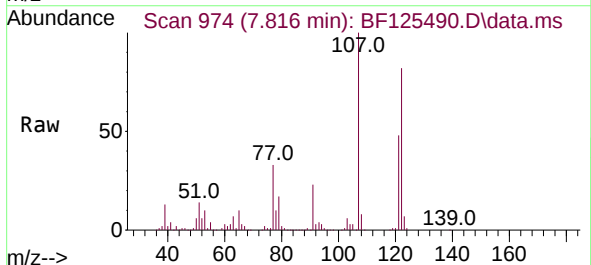
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

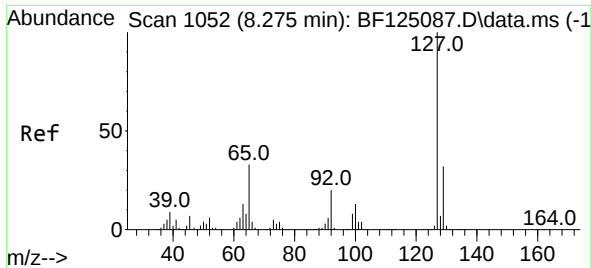
Tgt Ion:128 Resp: 1066616
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 59.914 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.147 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:122 Resp: 348820
Ion Ratio Lower Upper
122 100
105 3.9 97.6 137.6#
77 39.7 59.6 99.6#

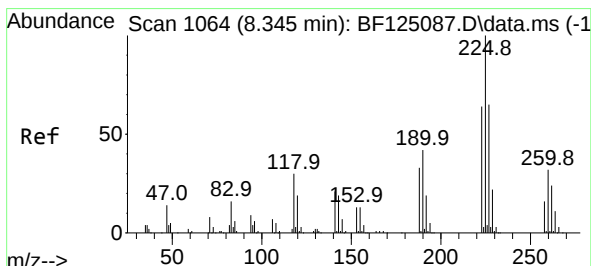
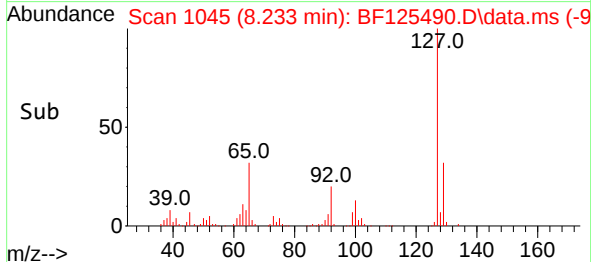
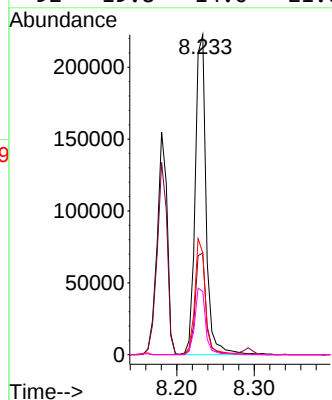
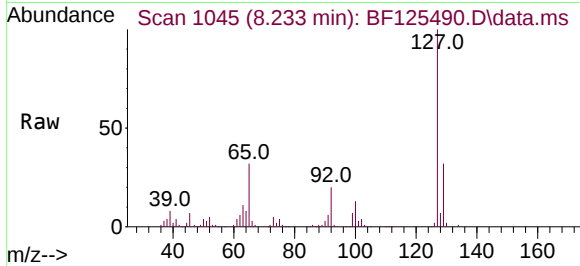




#33
4-Chloroaniline
Concen: 19.105 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

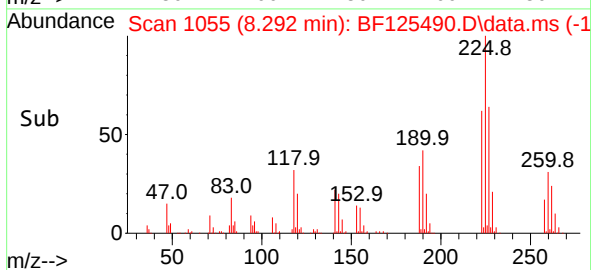
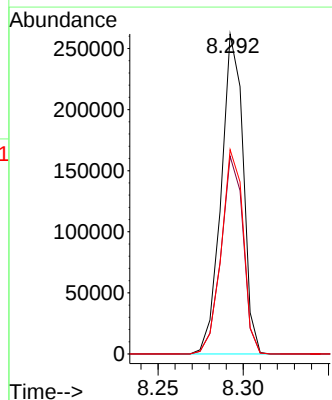
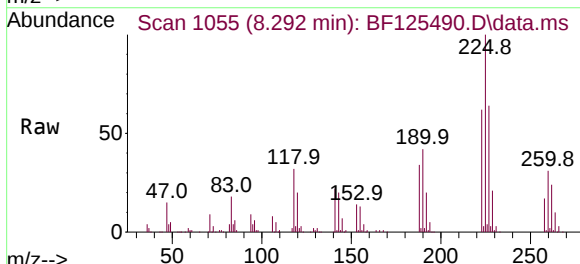
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

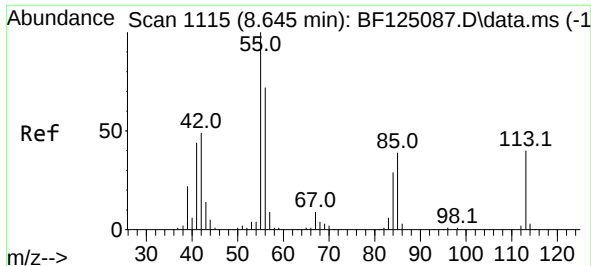
Tgt Ion:	127	Resp:	218686
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	31.8	21.2	31.8#
92	19.8	14.0	21.0



#34
Hexachlorobutadiene
Concen: 38.508 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:	225	Resp:	234232
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	63.9	50.6	75.8

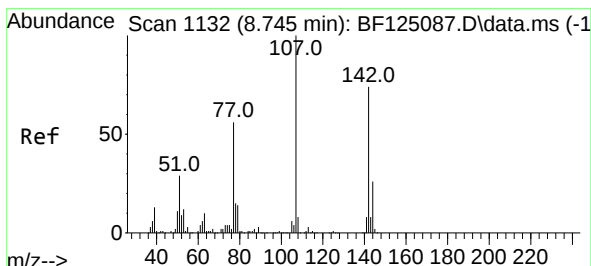
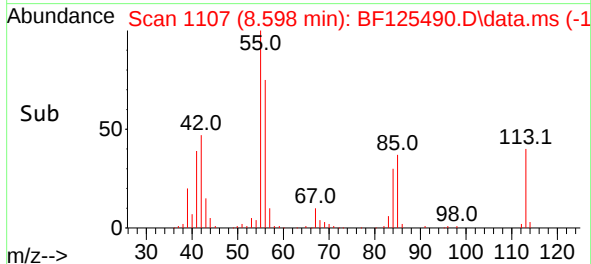
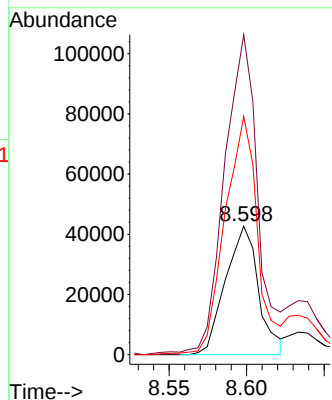
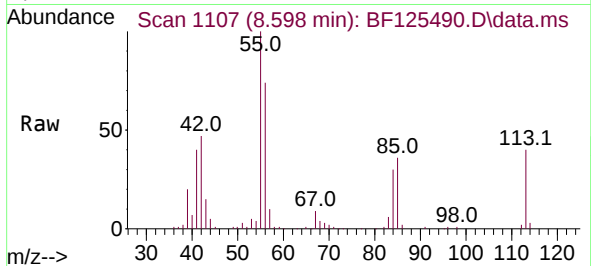




#35
Caprolactam
Concen: 28.030 ng
RT: 8.598 min Scan# 1107
Delta R.T. -0.024 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

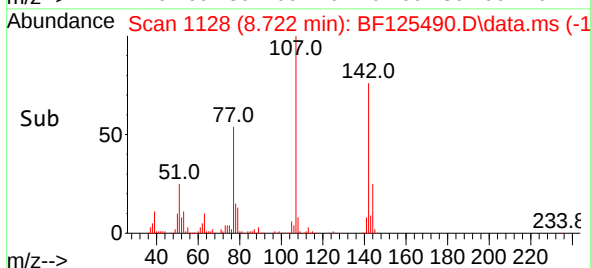
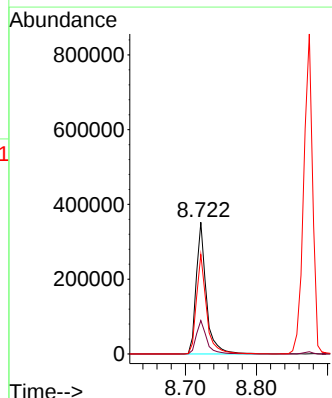
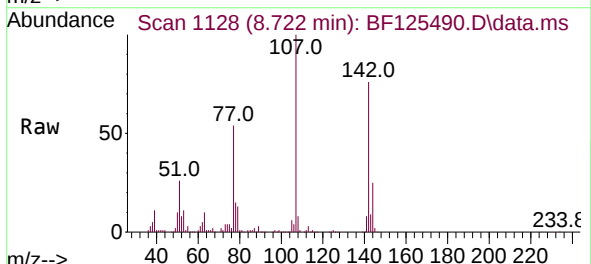
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

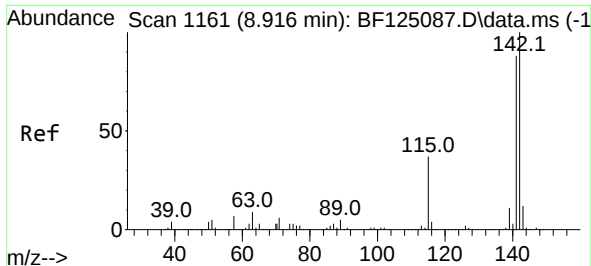
Tgt Ion:113 Resp: 63511
Ion Ratio Lower Upper
113 100
55 248.9 154.1 194.1#
56 185.3 108.7 148.7#



#36
4-Chloro-3-methylphenol
Concen: 39.147 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:107 Resp: 349610
Ion Ratio Lower Upper
107 100
144 25.4 21.9 32.9
142 75.6 67.1 100.7

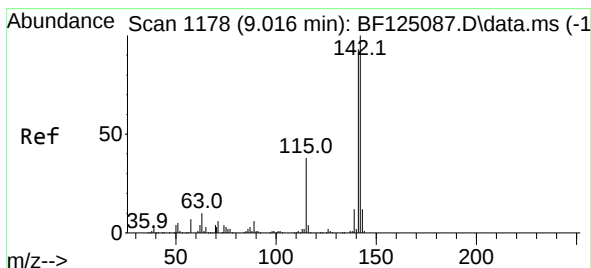
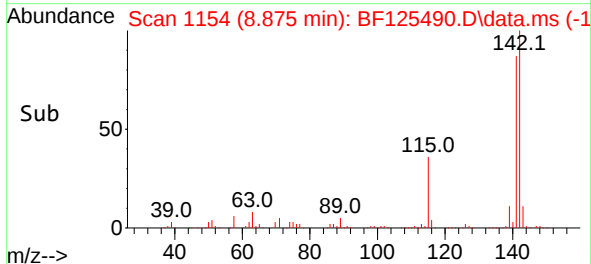
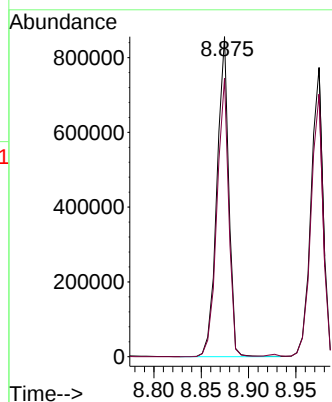
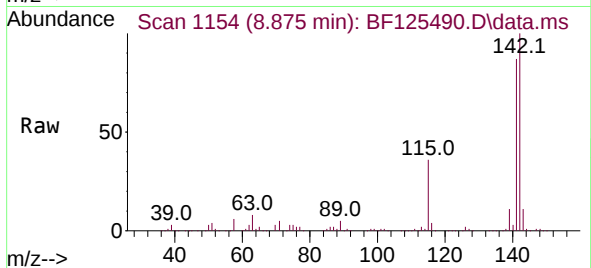




#37
2-Methylnaphthalene
Concen: 38.838 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

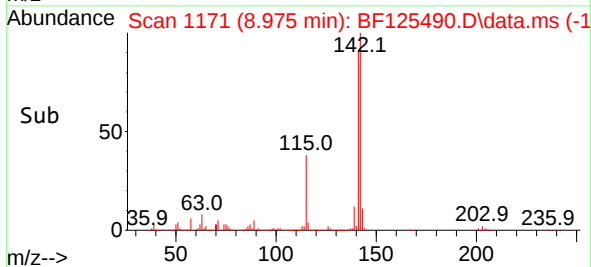
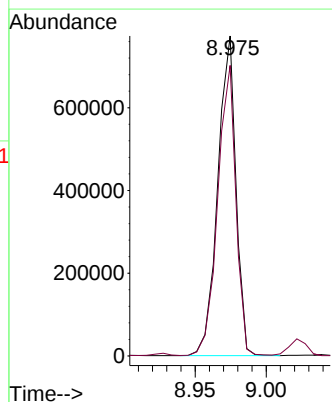
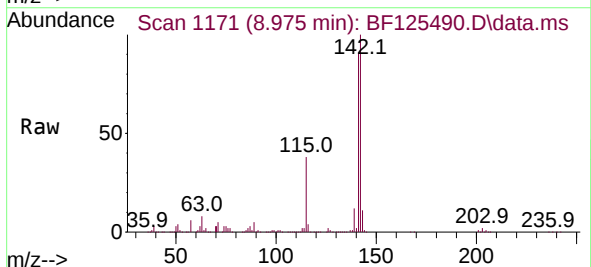
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

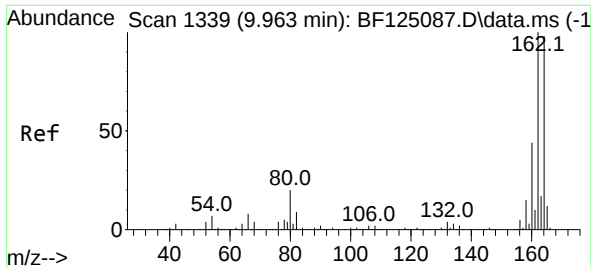
Tgt Ion:142 Resp: 745169
Ion Ratio Lower Upper
142 100
141 87.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 38.207 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:142 Resp: 684544
Ion Ratio Lower Upper
142 100
141 90.8 76.0 114.0

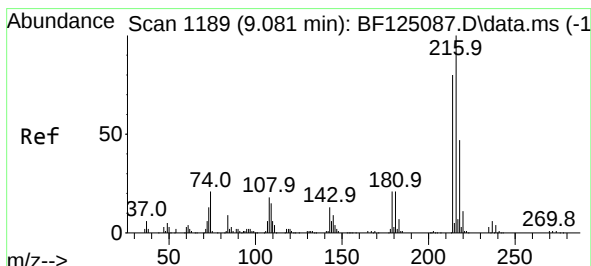
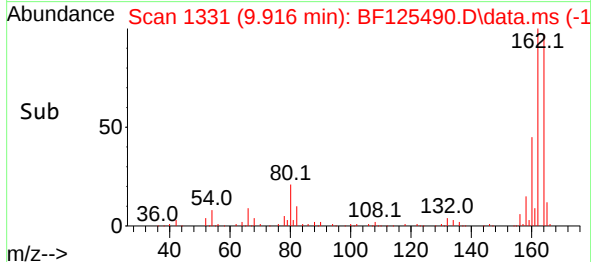
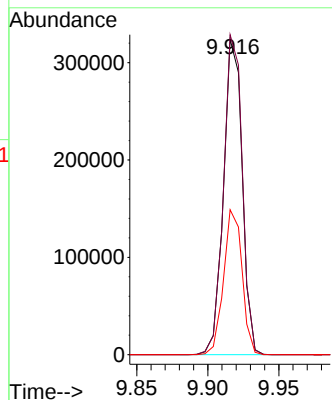
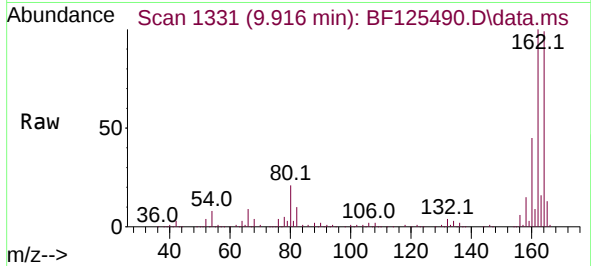




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

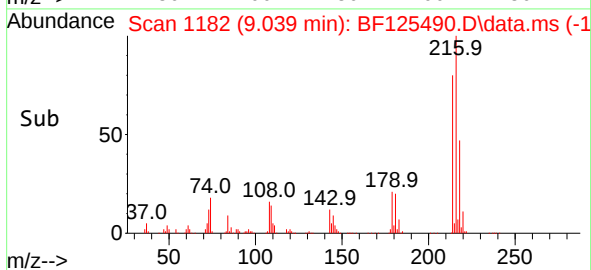
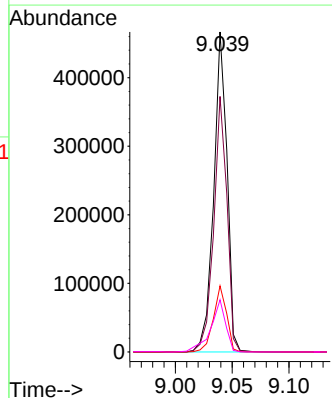
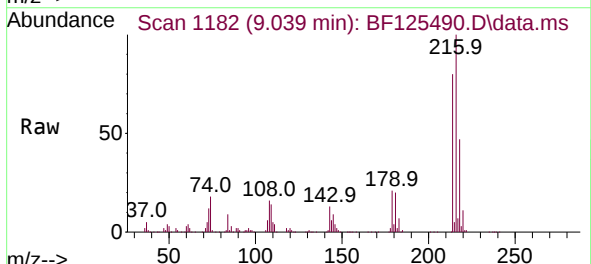
Instrument :
BNA_F
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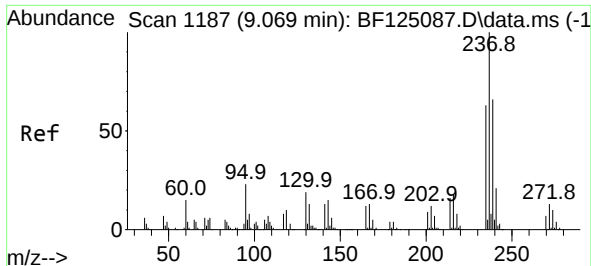
Tgt Ion:164	Resp:	296232	
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	46.0	38.0	57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.196 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:216	Resp:	379356	
Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.9	97.3
179	20.5	17.4	26.2
108	18.4	16.5	24.7

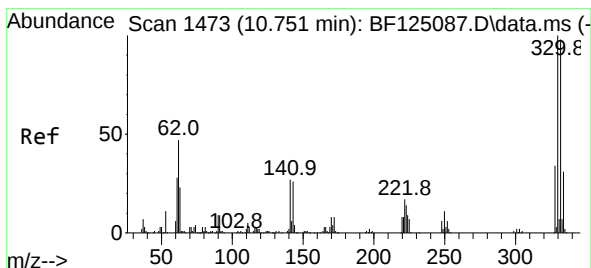
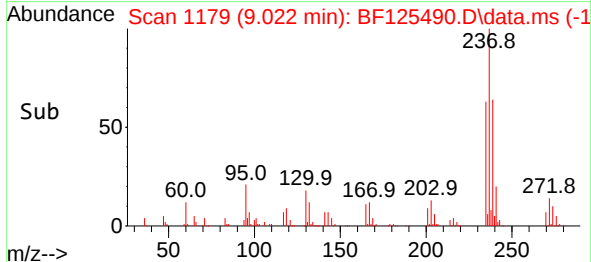
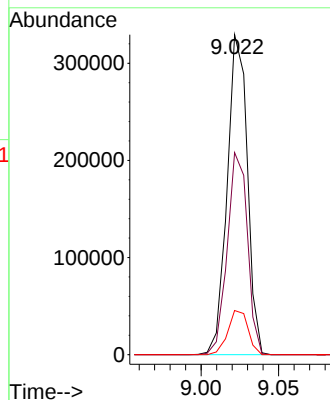
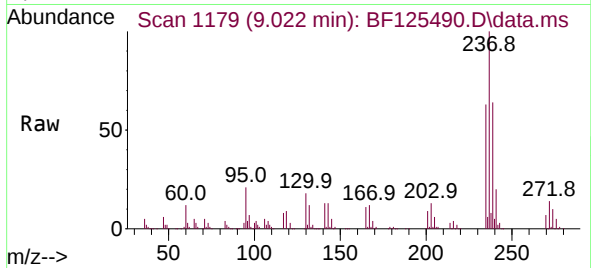




#41
Hexachlorocyclopentadiene
Concen: 58.675 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

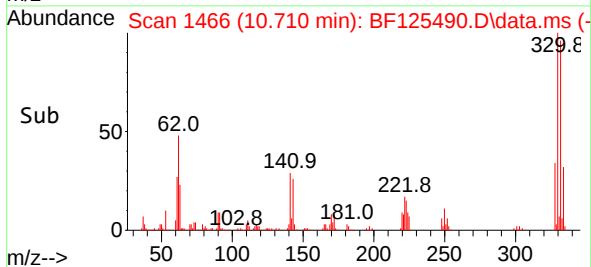
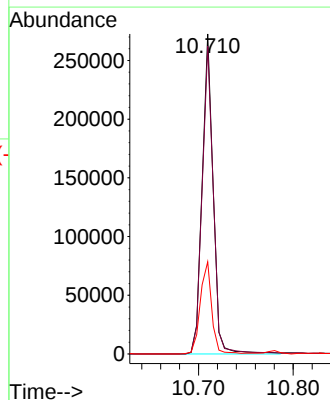
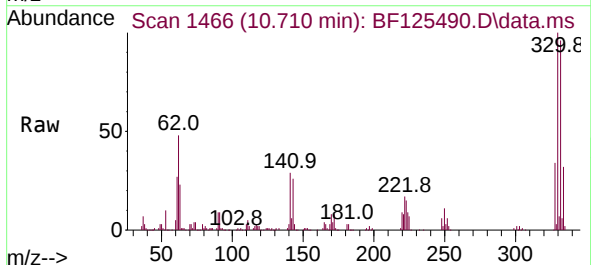
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

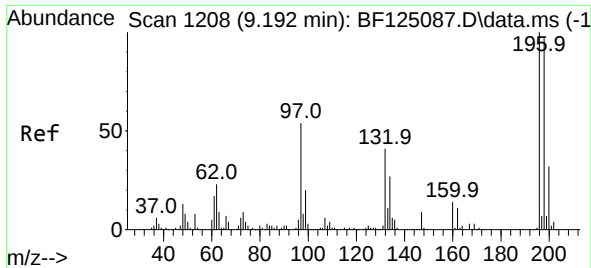
Tgt Ion:237 Resp: 298354
Ion Ratio Lower Upper
237 100
235 63.2 44.7 84.7
272 13.8 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 74.136 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:330 Resp: 219225
Ion Ratio Lower Upper
330 100
332 98.0 76.2 114.4
141 30.3 44.6 66.8#

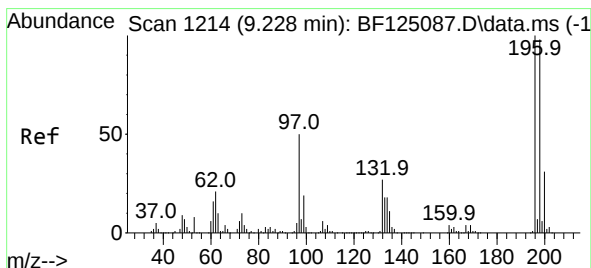
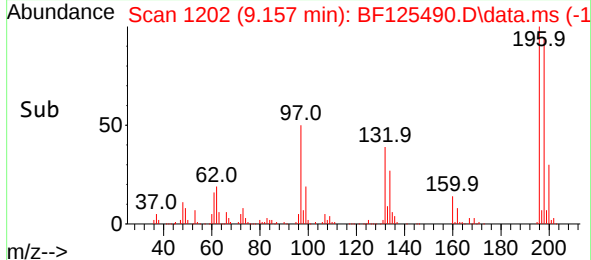
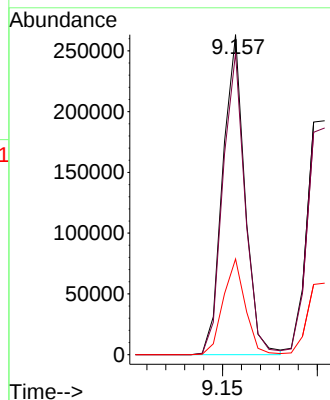
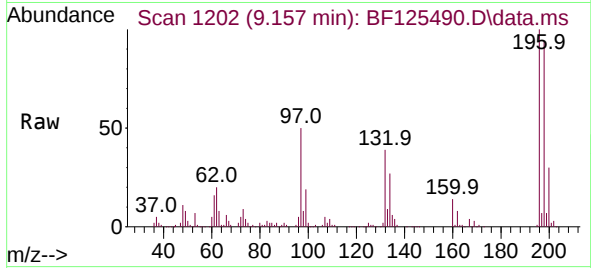




#43
2,4,6-Trichlorophenol
Concen: 31.302 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

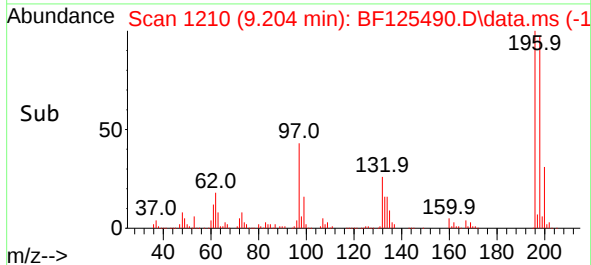
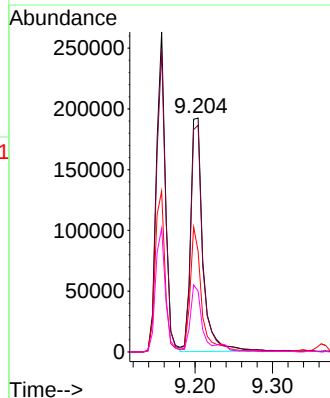
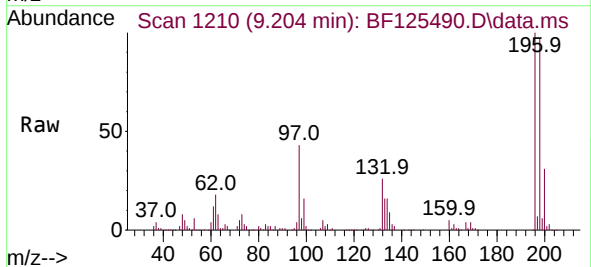
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

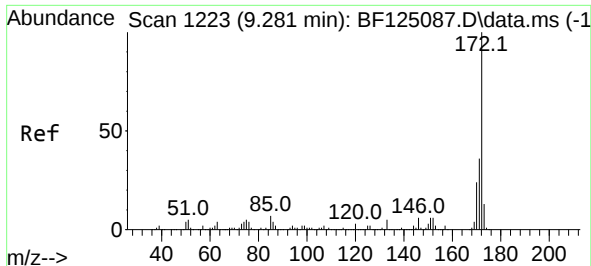
Tgt Ion:196 Resp: 213312
Ion Ratio Lower Upper
196 100
198 94.4 74.9 112.3
200 29.9 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 29.479 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:196 Resp: 211349
Ion Ratio Lower Upper
196 100
198 96.9 80.2 120.2
97 43.1 44.0 66.0#
132 26.0 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 58.895 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMS

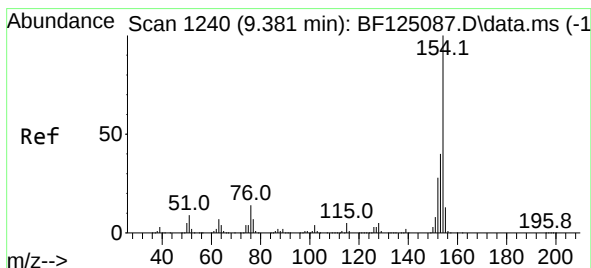
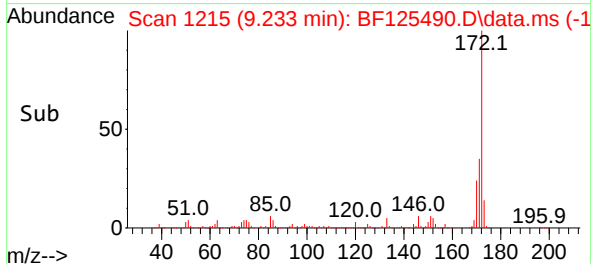
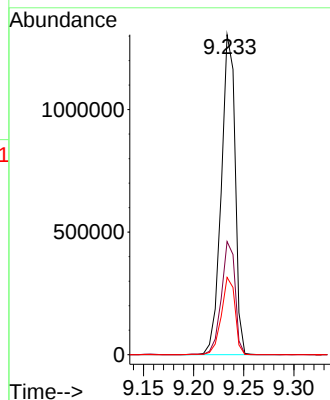
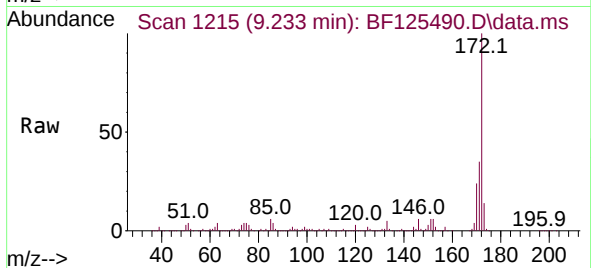
Tgt Ion:172 Resp: 1251801

Ion Ratio Lower Upper

172 100

171 35.4 26.5 39.7

170 24.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 36.072 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

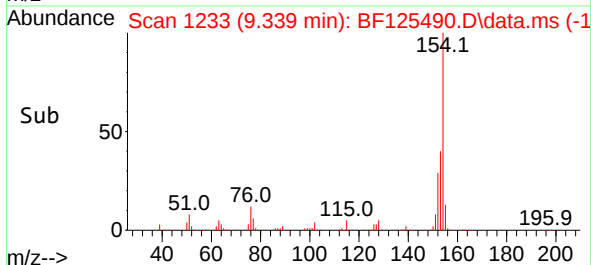
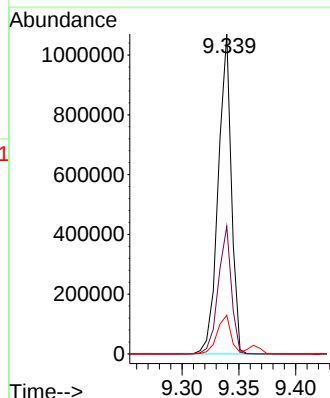
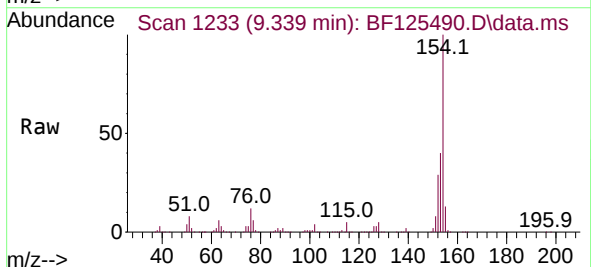
Tgt Ion:154 Resp: 861487

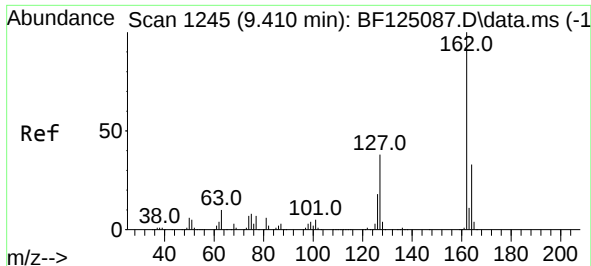
Ion Ratio Lower Upper

154 100

153 39.9 20.0 60.0

76 12.1 0.0 30.3





#47

2-Chloronaphthalene

Concen: 36.841 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

Tgt Ion:162 Resp: 715004

Ion Ratio Lower Upper

162 100

127 39.2 33.0 49.4

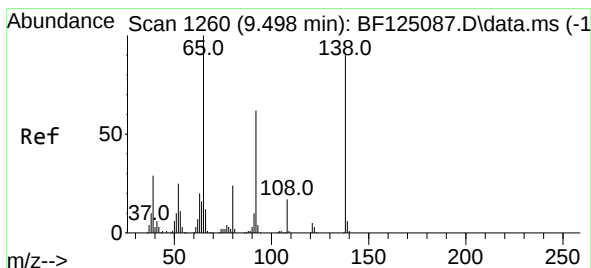
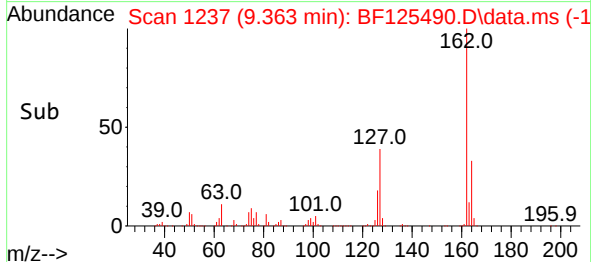
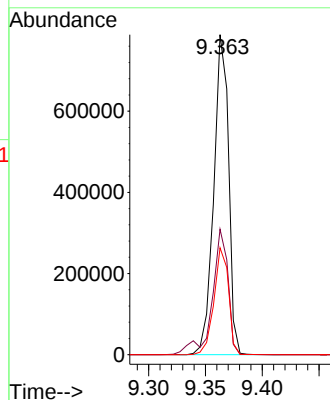
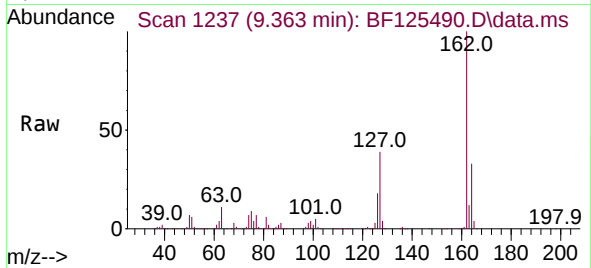
164 33.4 25.8 38.8

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMS



#48

2-Nitroaniline

Concen: 43.566 ng

RT: 9.463 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

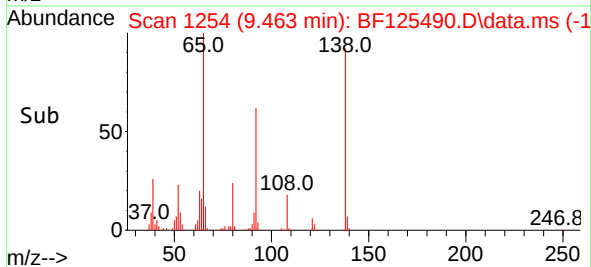
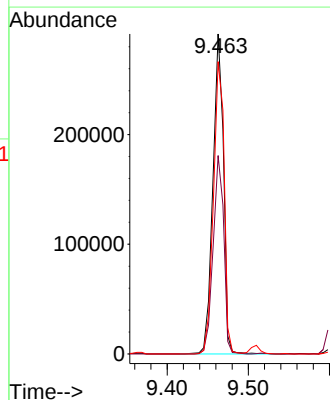
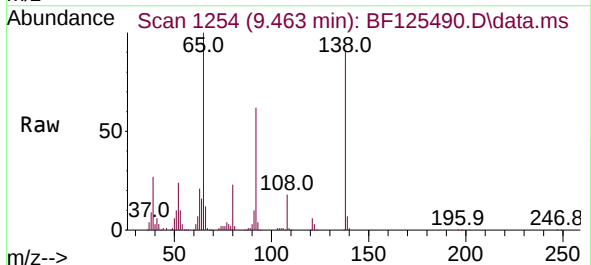
Tgt Ion: 65 Resp: 262097

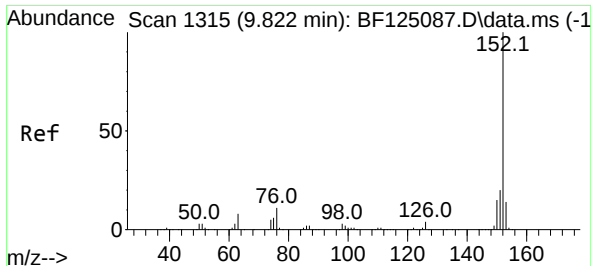
Ion Ratio Lower Upper

65 100

92 62.0 55.5 83.3

138 91.4 93.5 140.3#





#49

Acenaphthylene

Concen: 38.004 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMS

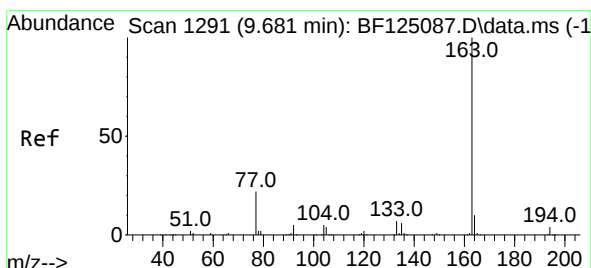
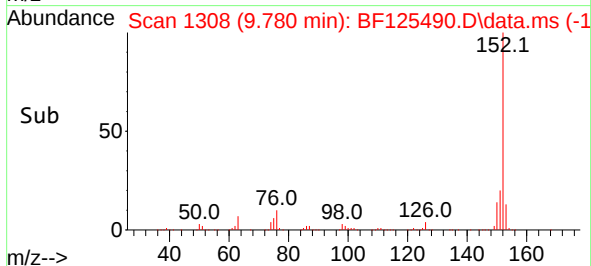
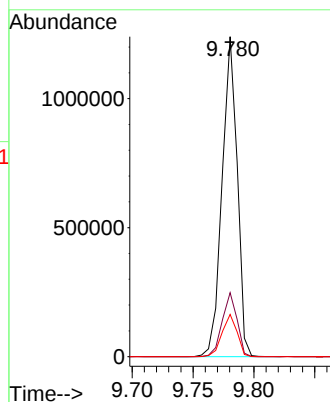
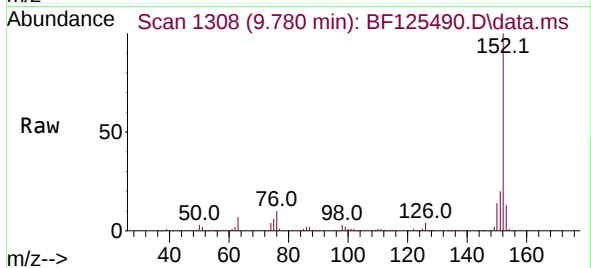
Tgt Ion:152 Resp: 1074774

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.2 9.8 14.8



#50

Dimethylphthalate

Concen: 41.102 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF125490.D

Acq: 14 Sep 2021 23:53

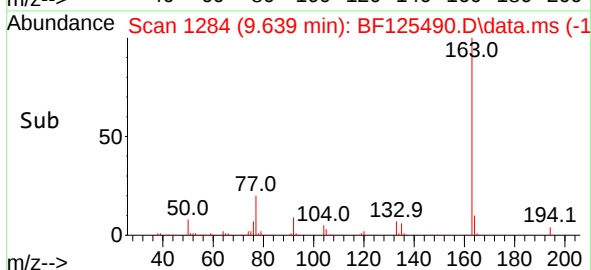
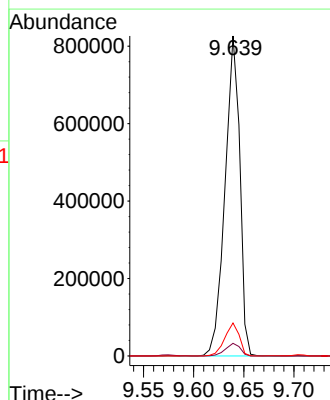
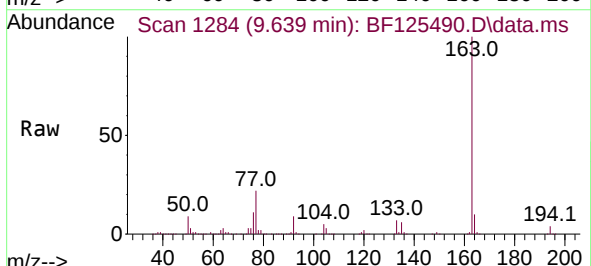
Tgt Ion:163 Resp: 843765

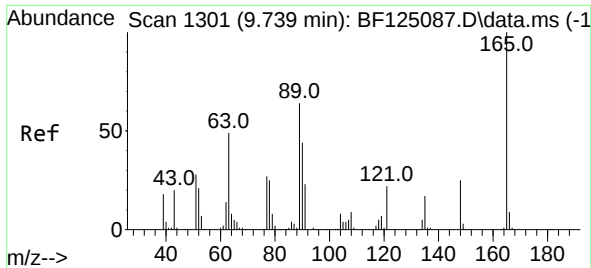
Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 10.3 7.4 11.0

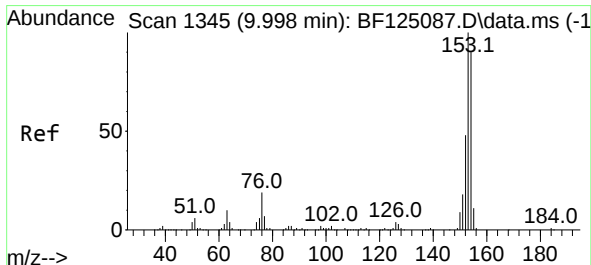
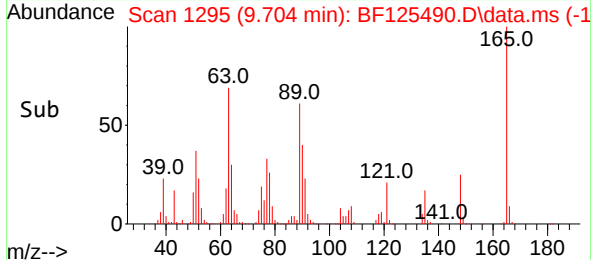
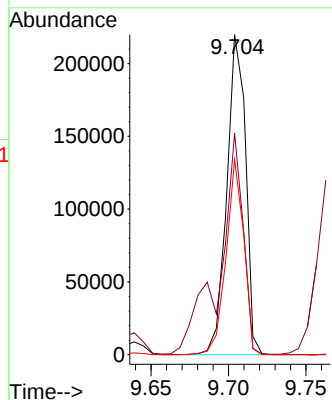
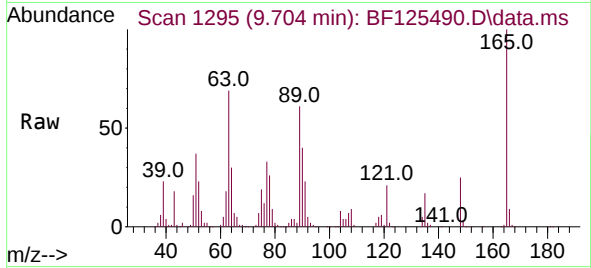




#51
2,6-Dinitrotoluene
Concen: 41.683 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

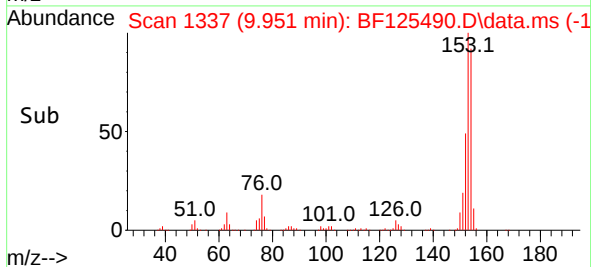
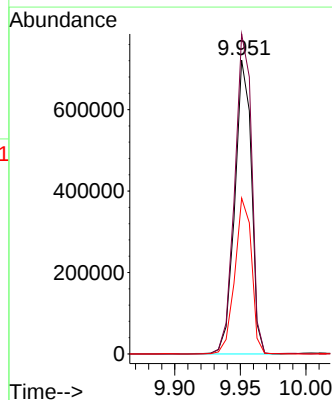
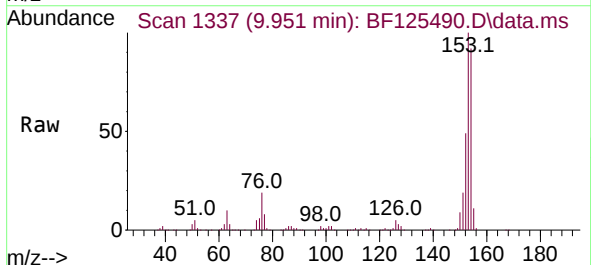
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

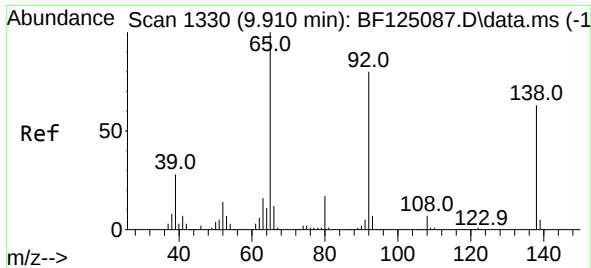
Tgt Ion:165 Resp: 185543
Ion Ratio Lower Upper
165 100
63 69.3 42.6 63.8#
89 61.0 40.6 60.8#



#52
Acenaphthene
Concen: 36.400 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:154 Resp: 638168
Ion Ratio Lower Upper
154 100
153 108.8 89.4 134.2
152 53.0 40.5 60.7

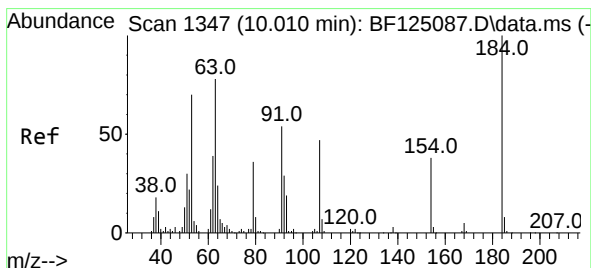
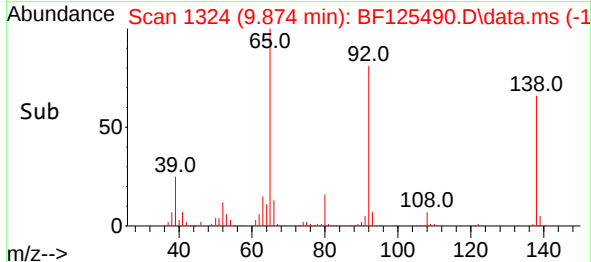
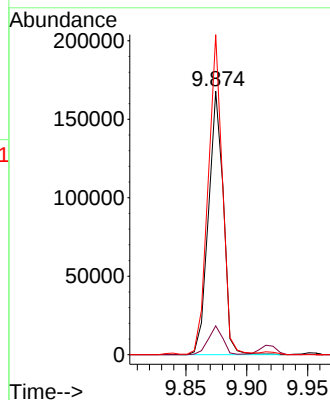
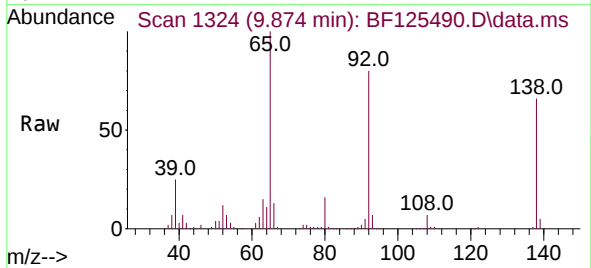




#53
3-Nitroaniline
Concen: 29.689 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

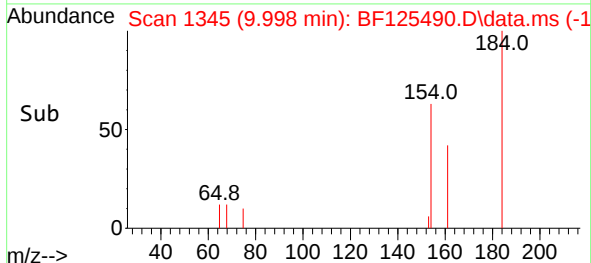
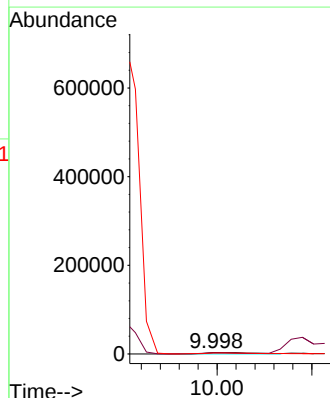
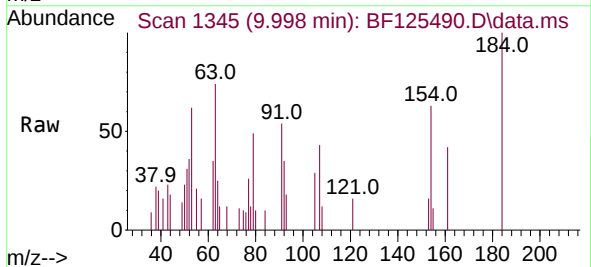
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

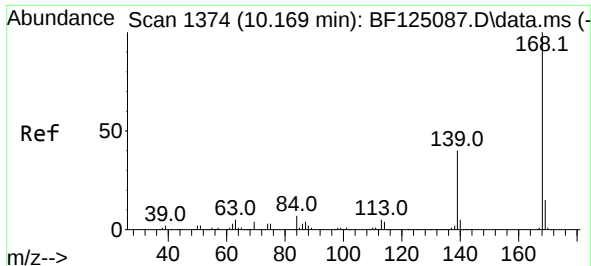
Tgt Ion:138 Resp: 142519
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 121.5 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 3.172 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:184 Resp: 5577
Ion Ratio Lower Upper
184 100
63 73.8 59.3 88.9
154 62.9 68.6 102.8#

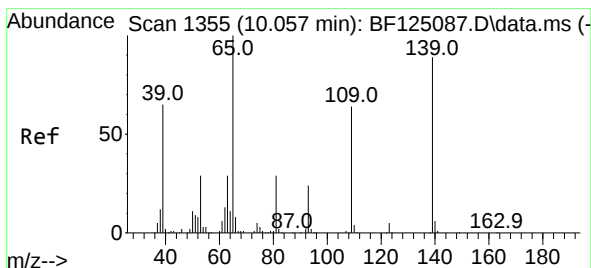
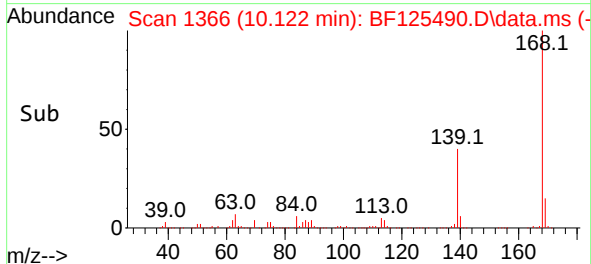
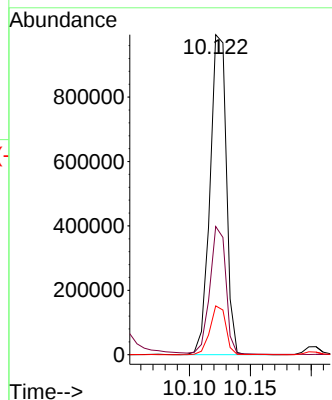
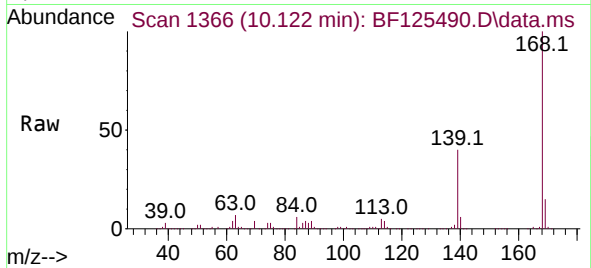




#55
Dibenzofuran
Concen: 36.686 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

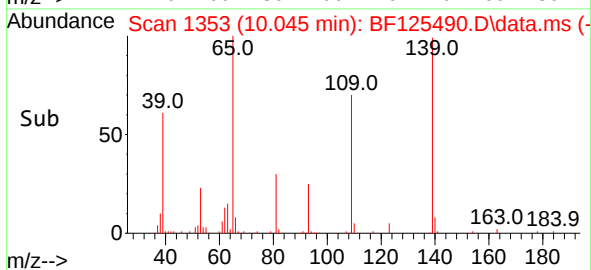
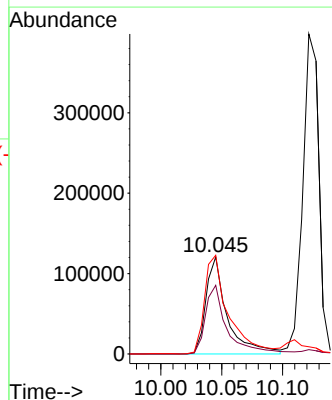
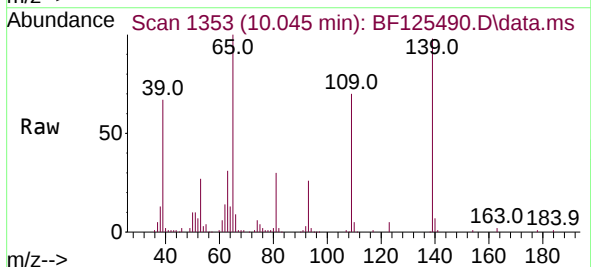
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

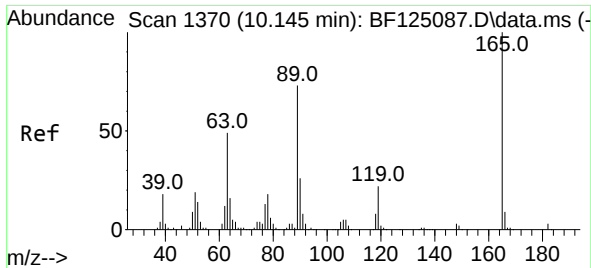
Tgt Ion:168 Resp: 925647
Ion Ratio Lower Upper
168 100
139 40.1 32.7 49.1
169 15.3 11.2 16.8



#56
4-Nitrophenol
Concen: 38.572 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:139 Resp: 146628
Ion Ratio Lower Upper
139 100
109 70.9 60.4 100.4
65 101.9 58.4 98.4#

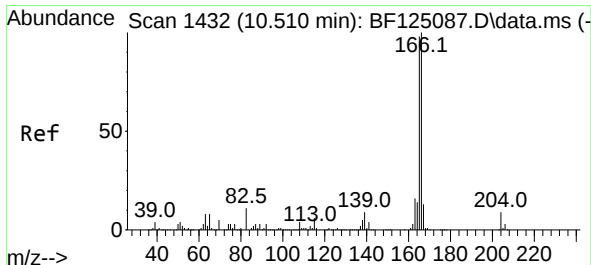
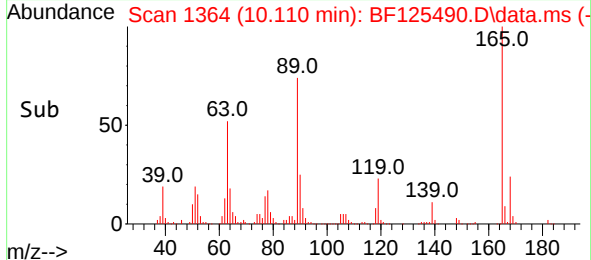
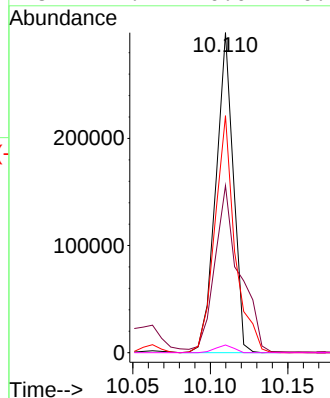
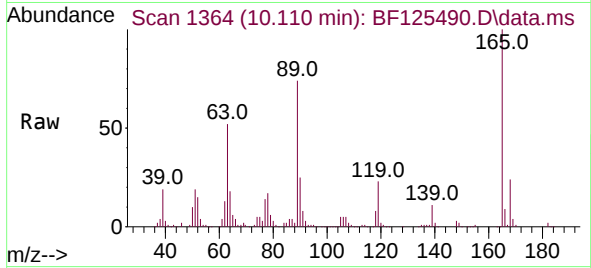




#57
2,4-Dinitrotoluene
Concen: 43.740 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

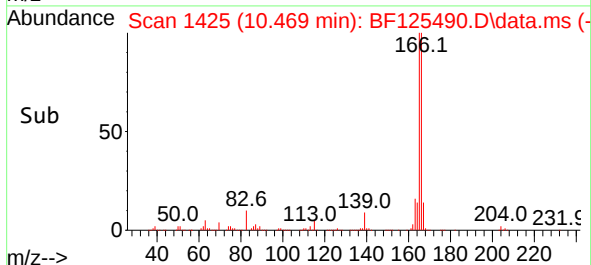
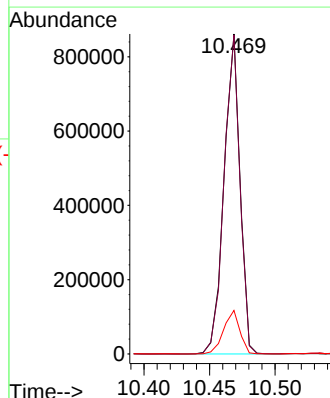
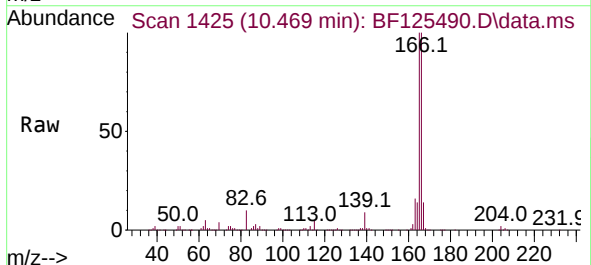
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

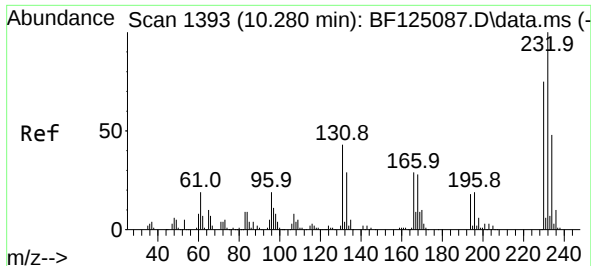
Tgt Ion:165 Resp: 235644
Ion Ratio Lower Upper
165 100
63 52.2 40.9 61.3
89 74.1 59.7 89.5
182 2.4 0.0 0.0#



#58
Fluorene
Concen: 38.941 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:166 Resp: 726398
Ion Ratio Lower Upper
166 100
165 99.7 78.1 117.1
167 13.6 11.1 16.7

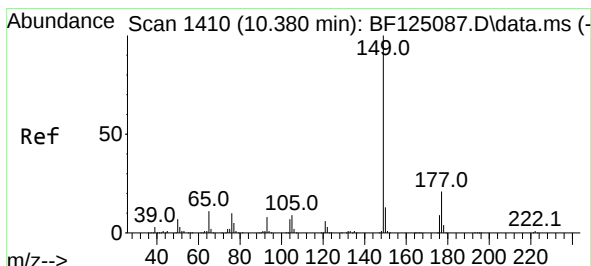
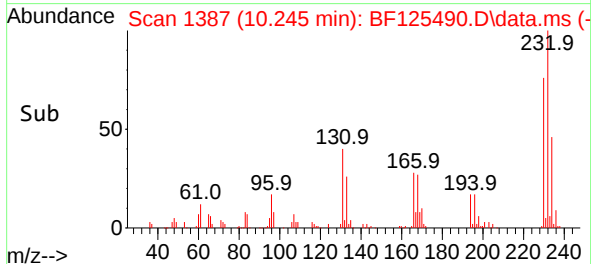
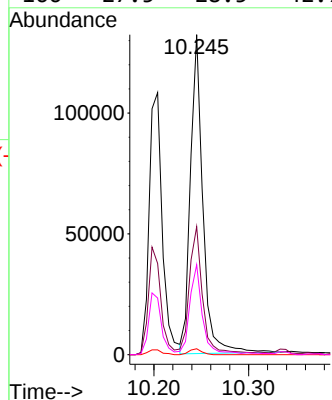
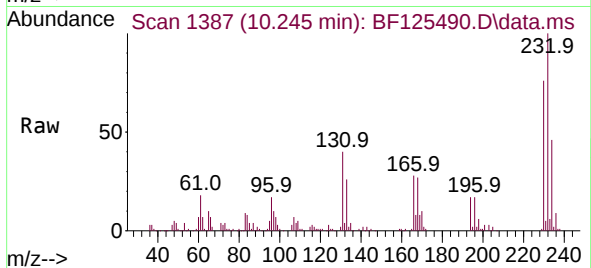




#59
2,3,4,6-Tetrachlorophenol
Concen: 22.724 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

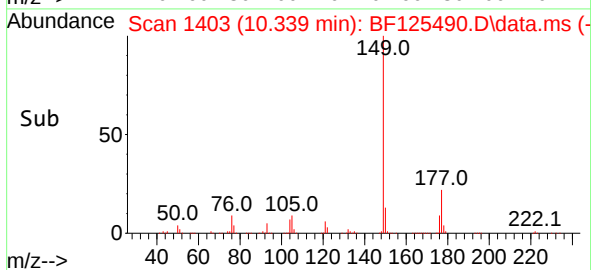
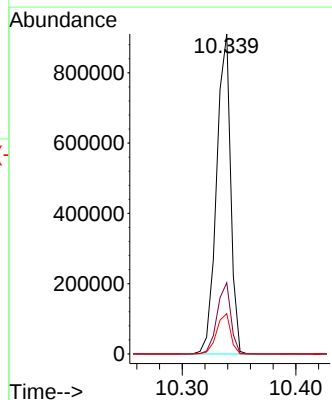
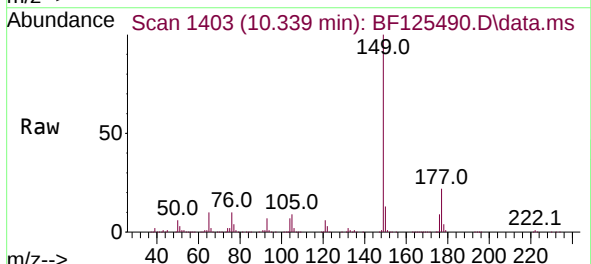
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

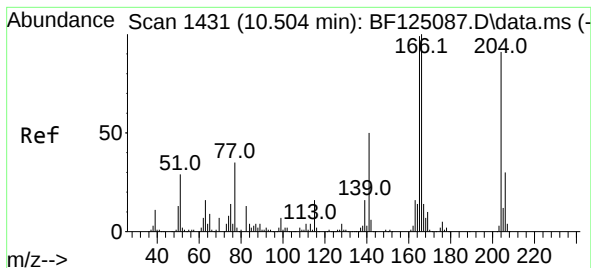
Tgt Ion:232 Resp: 120904
Ion Ratio Lower Upper
232 100
131 41.1 45.4 68.0#
130 1.9 0.0 0.0#
166 27.5 28.5 42.7#



#60
Diethylphthalate
Concen: 39.120 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:149 Resp: 782916
Ion Ratio Lower Upper
149 100
177 22.2 16.5 24.7
150 12.6 10.1 15.1

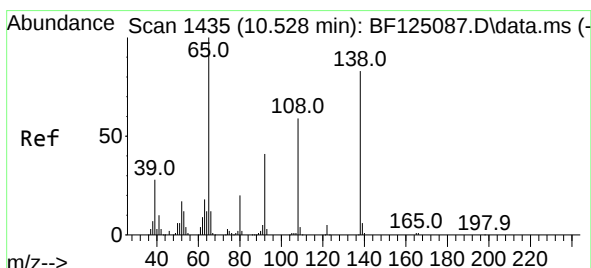
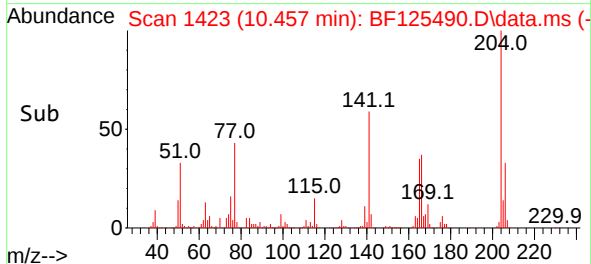
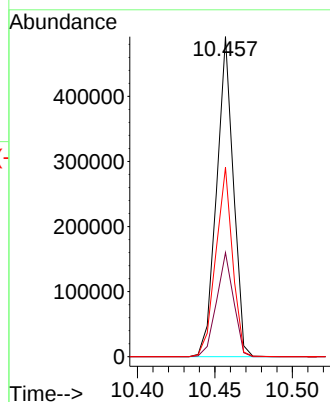
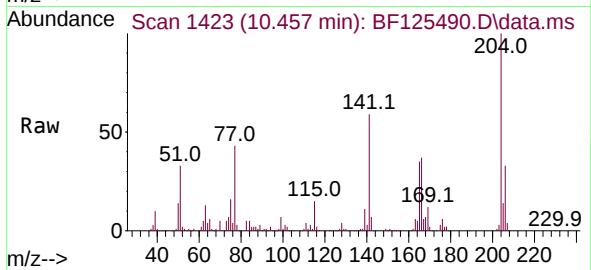




#61
4-Chlorophenyl-phenylether
Concen: 39.235 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

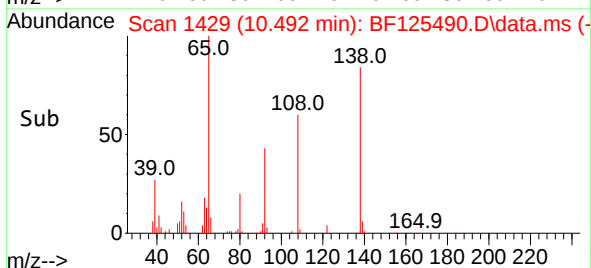
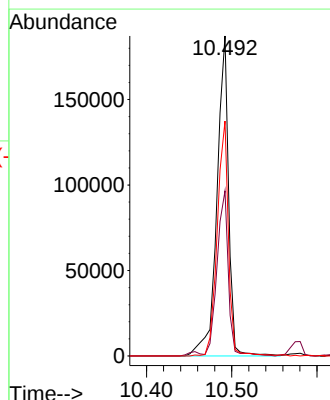
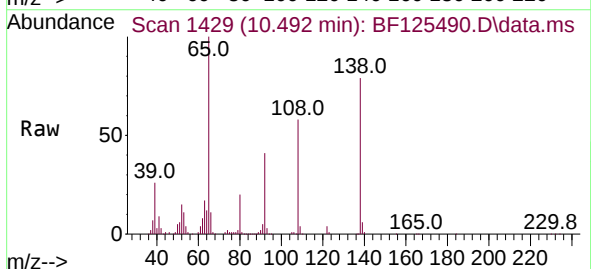
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

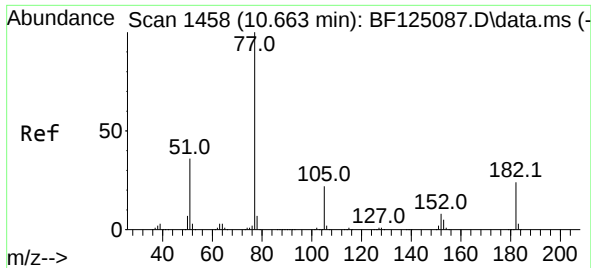
Tgt Ion:204 Resp: 370048
Ion Ratio Lower Upper
204 100
206 32.5 27.6 41.4
141 59.2 58.6 88.0



#62
4-Nitroaniline
Concen: 41.424 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:138 Resp: 178812
Ion Ratio Lower Upper
138 100
92 51.6 29.6 69.6
108 73.4 78.1 118.1#

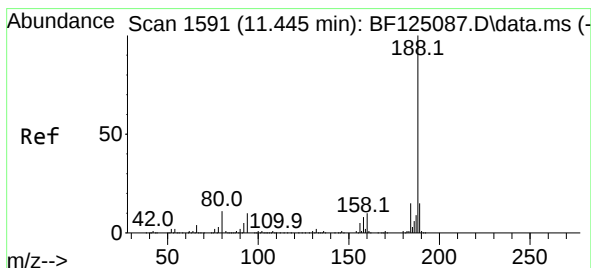
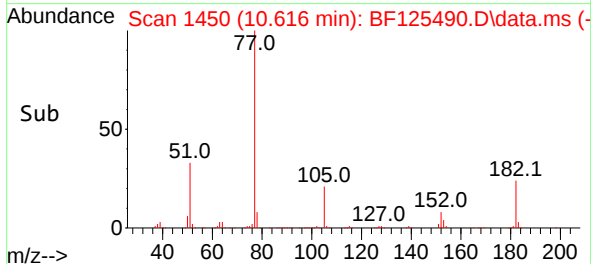
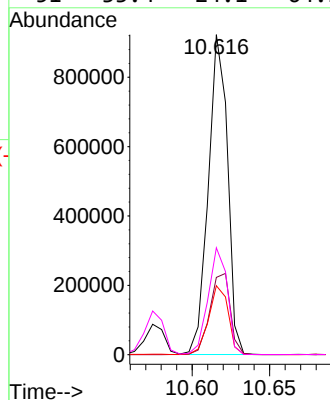
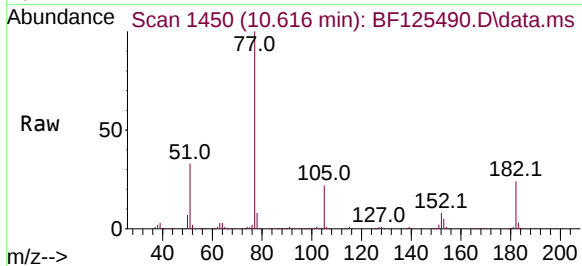




#63
Azobenzene
Concen: 35.397 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

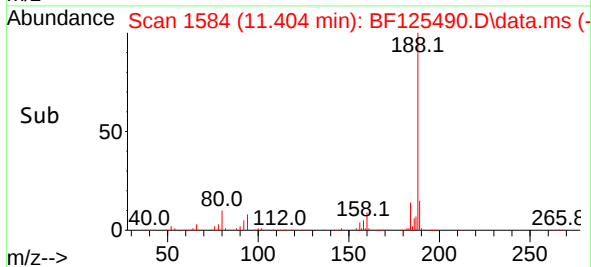
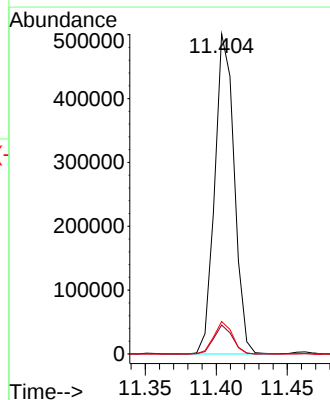
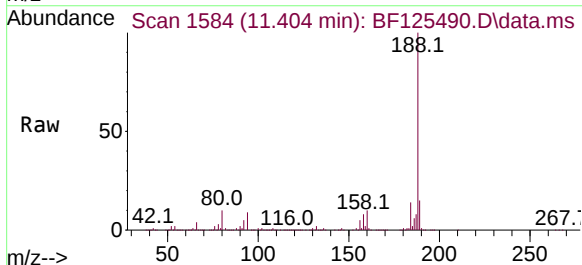
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

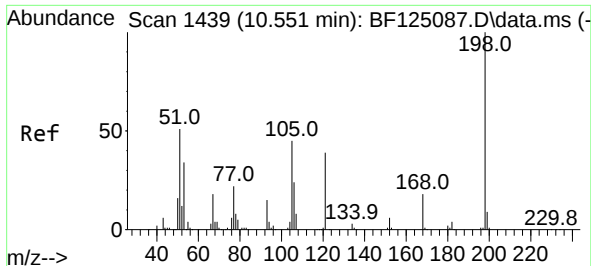
Tgt Ion:	77	Resp:	794588
Ion	Ratio	Lower	Upper
77	100		
182	24.1	6.3	46.3
105	21.5	2.9	42.9
51	33.4	24.1	64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:	188	Resp:	479224
Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	10.2	7.5	11.3

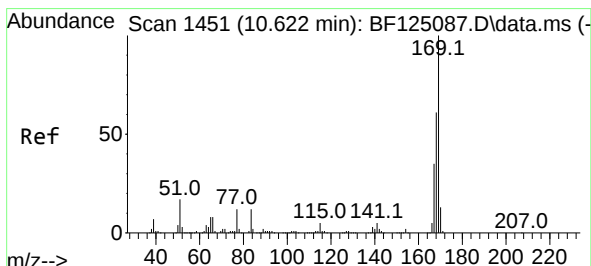
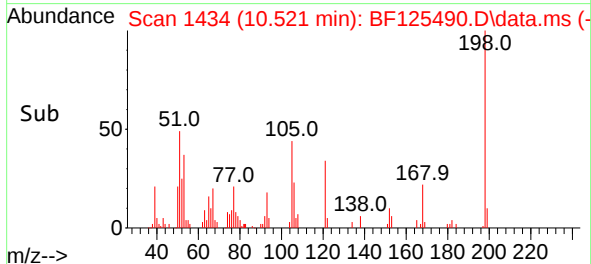
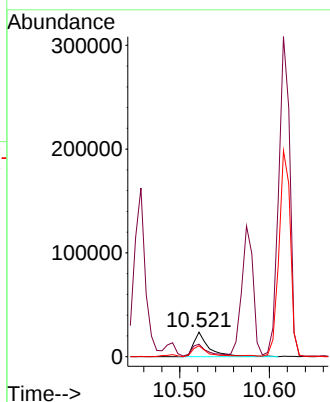
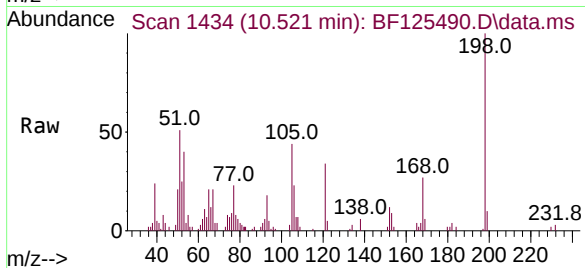




#65
4,6-Dinitro-2-methylphenol
Concen: 10.873 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

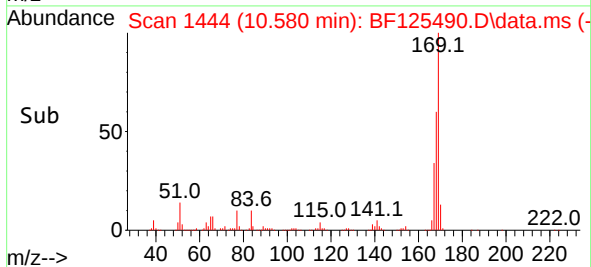
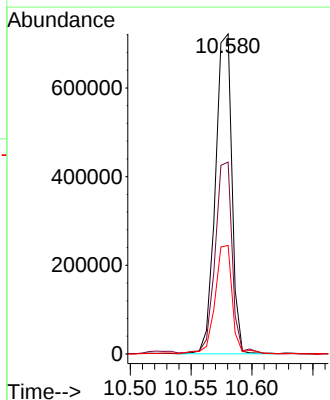
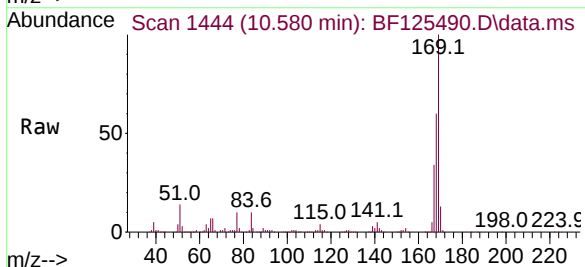
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

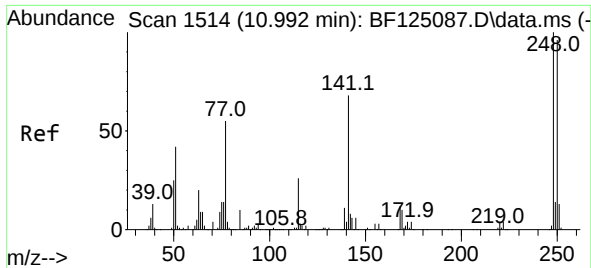
Tgt Ion:198 Resp: 27579
Ion Ratio Lower Upper
198 100
51 50.9 45.3 85.3
105 44.2 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 39.710 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:169 Resp: 681400
Ion Ratio Lower Upper
169 100
168 60.0 50.8 76.2
167 33.9 28.8 43.2

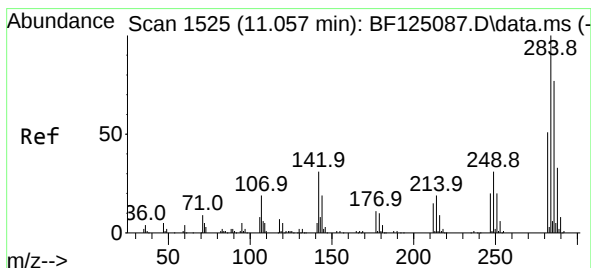
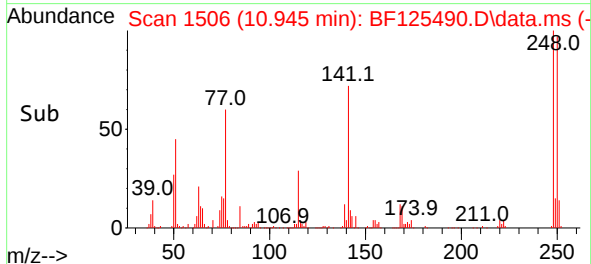
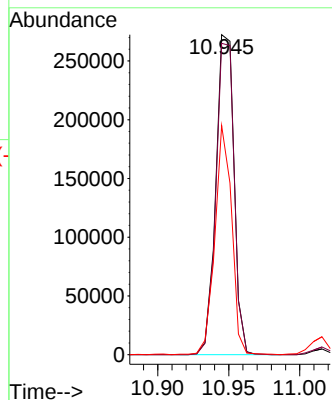
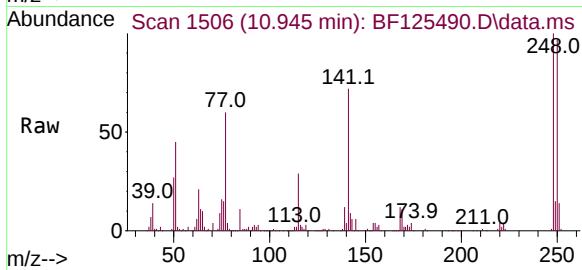




#67
4-Bromophenyl-phenylether
Concen: 42.254 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

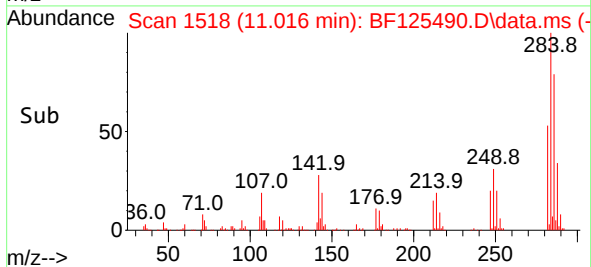
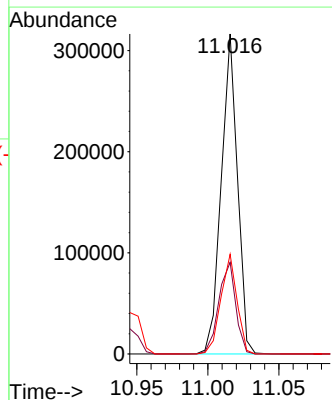
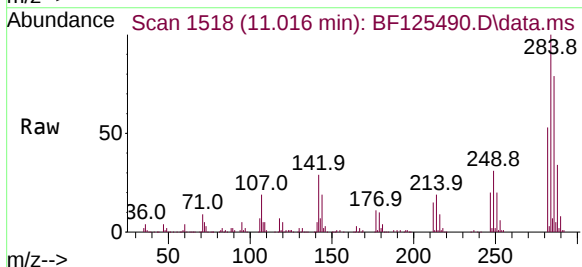
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

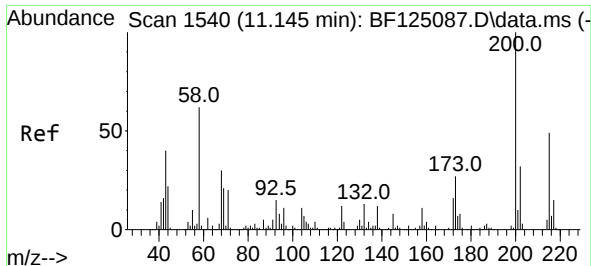
Tgt Ion:248 Resp: 243154
Ion Ratio Lower Upper
248 100
250 97.3 74.2 111.4
141 71.6 60.4 90.6



#68
Hexachlorobenzene
Concen: 42.279 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:284 Resp: 250292
Ion Ratio Lower Upper
284 100
142 28.6 36.4 54.6#
249 31.1 25.6 38.4

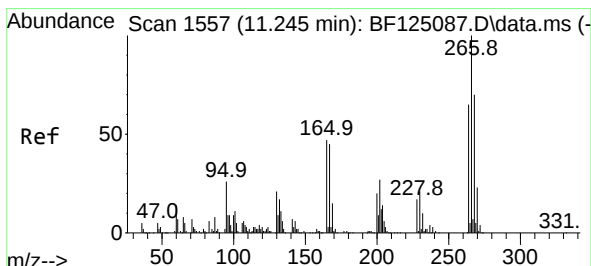
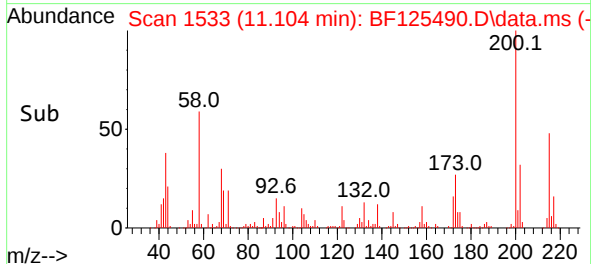
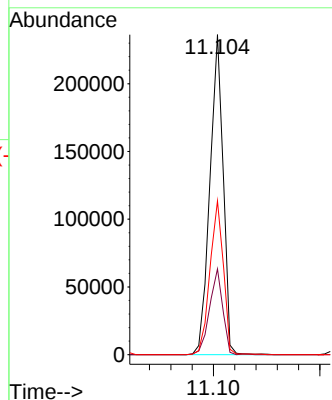
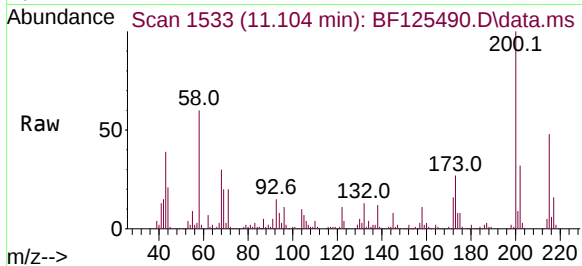




#69
Atrazine
Concen: 41.671 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

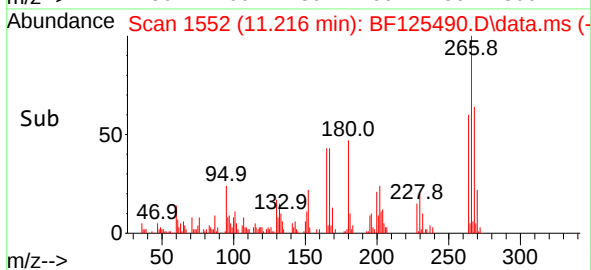
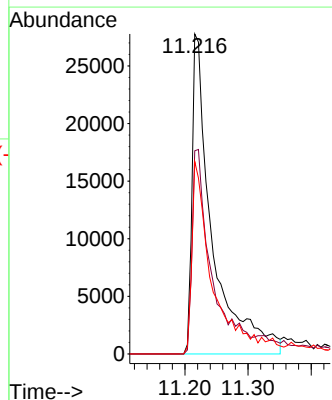
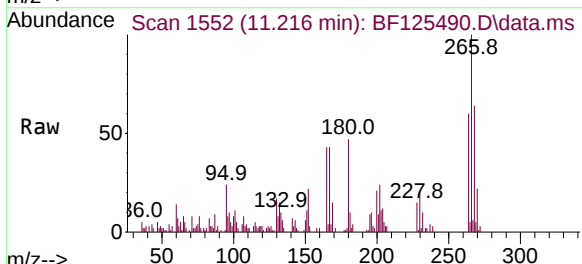
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

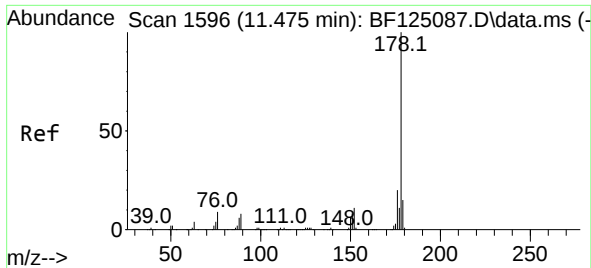
Tgt Ion:200 Resp: 205187
Ion Ratio Lower Upper
200 100
173 26.8 11.1 51.1
215 48.1 22.7 62.7



#70
Pentachlorophenol
Concen: 17.885 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:266 Resp: 61822
Ion Ratio Lower Upper
266 100
268 63.5 48.9 73.3
264 60.2 55.9 83.9

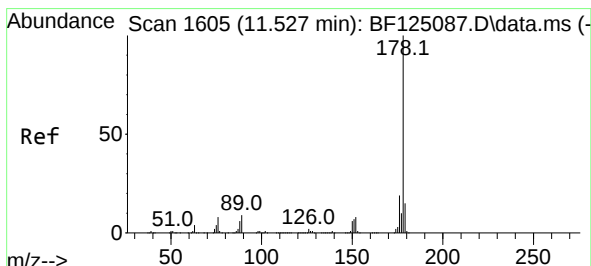
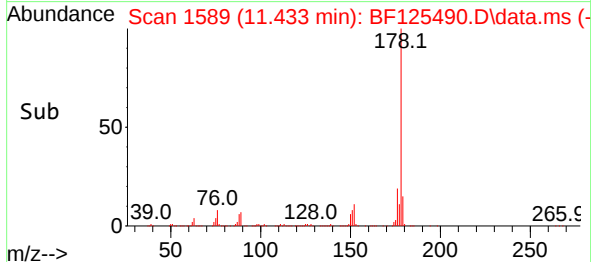
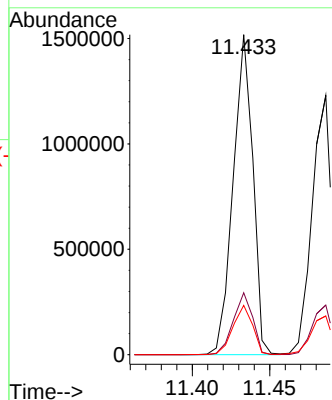
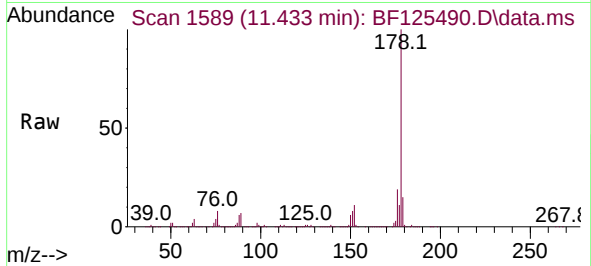




#71
Phenanthrene
Concen: 50.692 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

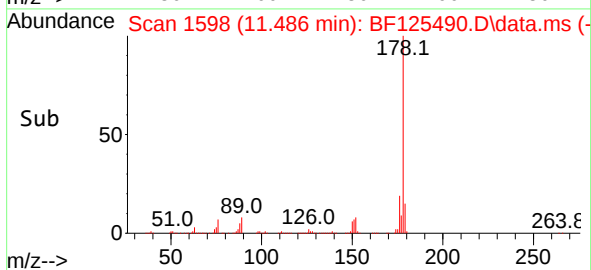
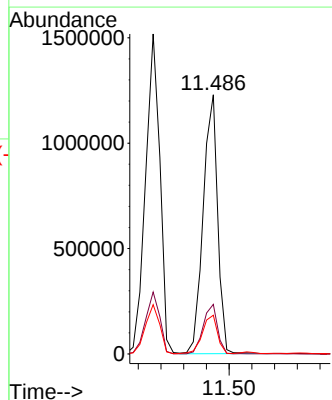
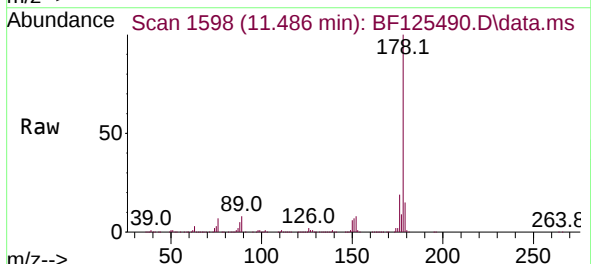
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

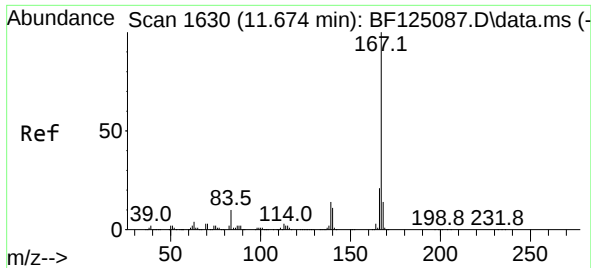
Tgt Ion:178 Resp: 1338541
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.4 11.5 17.3



#72
Anthracene
Concen: 41.805 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:178 Resp: 1088047
Ion Ratio Lower Upper
178 100
176 19.2 14.3 21.5
179 15.0 12.2 18.4

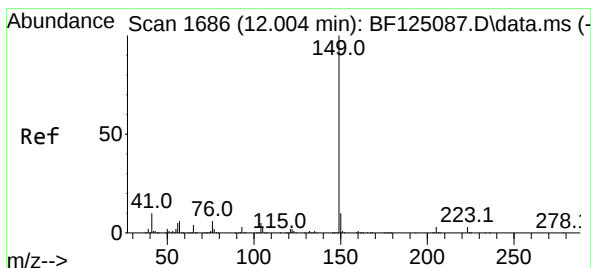
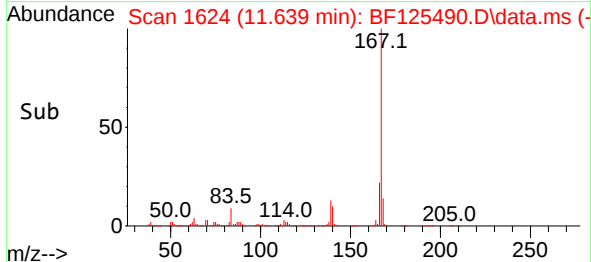
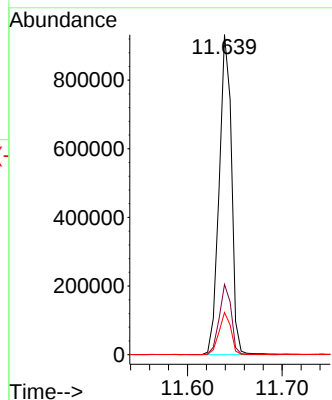
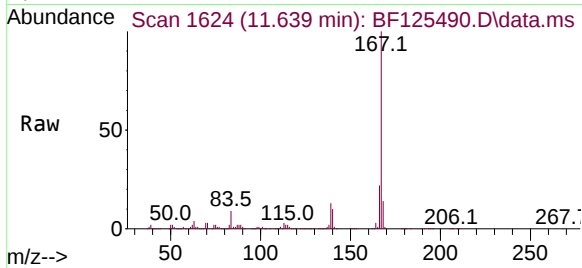




#73
 Carbazole
 Concen: 35.441 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. -0.006 min
 Lab File: BF125490.D
 Acq: 14 Sep 2021 23:53

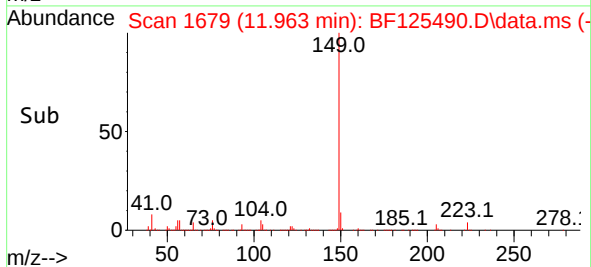
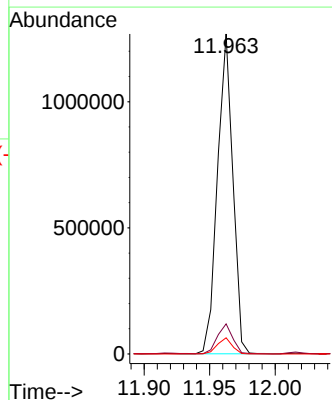
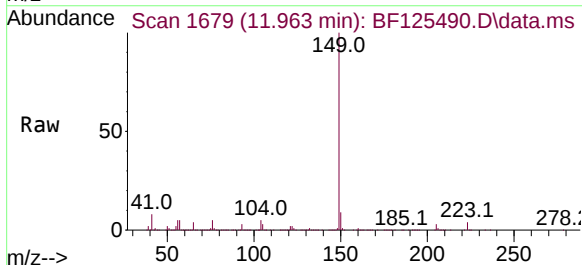
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 ClientSampleId :
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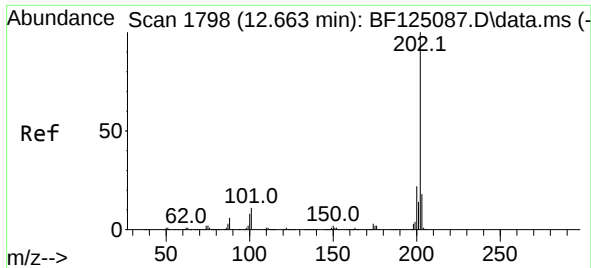
Tgt Ion:167 Resp: 842918
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.2 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 36.608 ng
 RT: 11.963 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF125490.D
 Acq: 14 Sep 2021 23:53

Tgt Ion:149 Resp: 1033233
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 4.1 6.1

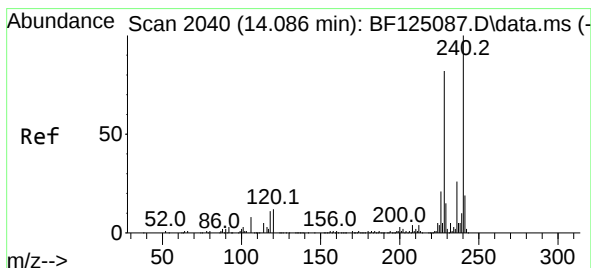
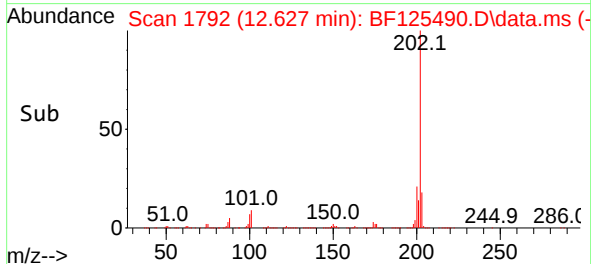
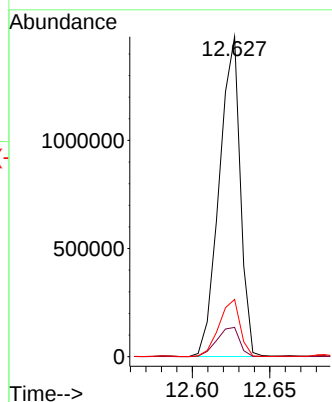
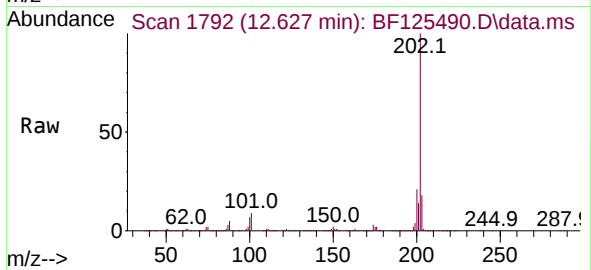




#75
Fluoranthene
Concen: 53.152 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

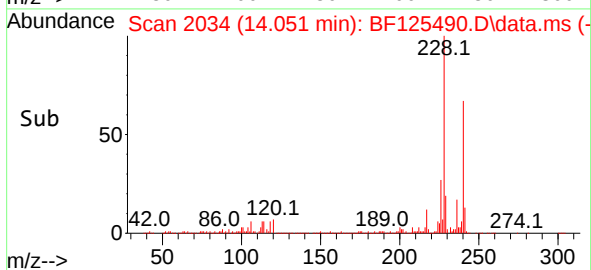
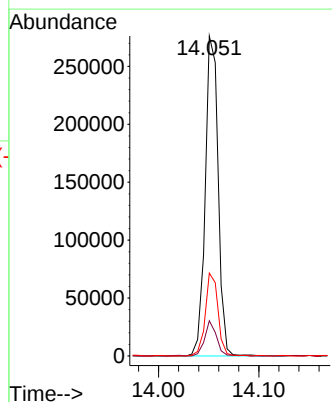
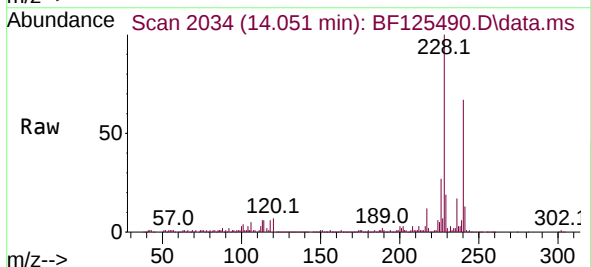
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BNA_F
ClientSampleId :
WQ-SOILPILEMS

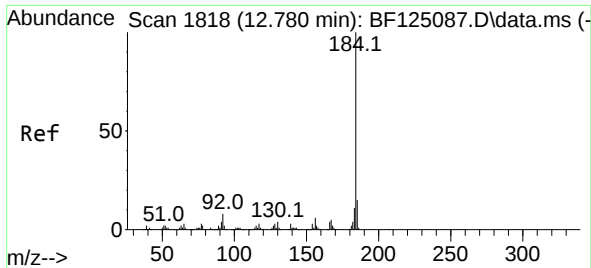
Tgt Ion:202 Resp: 1392616
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 17.9 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:240 Resp: 248257
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.9 21.6 32.4

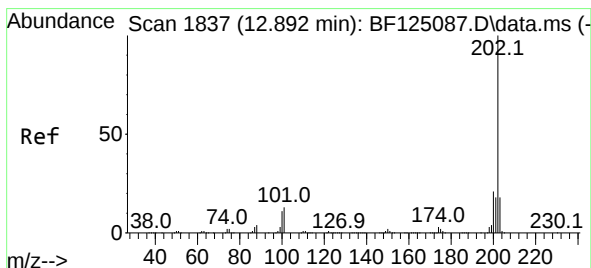
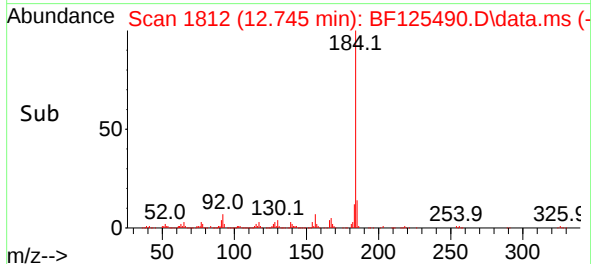
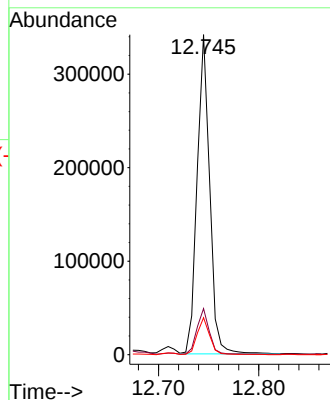
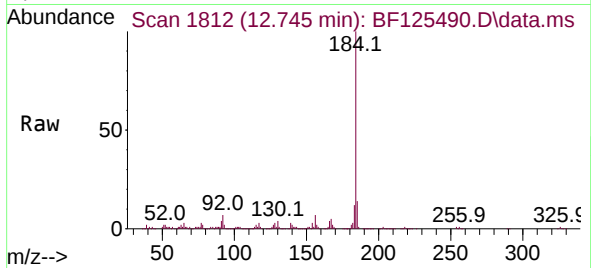




#77
Benzidine
Concen: 34.189 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

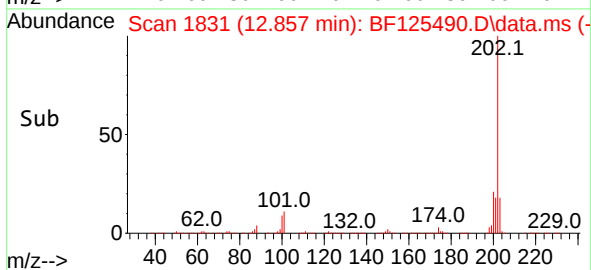
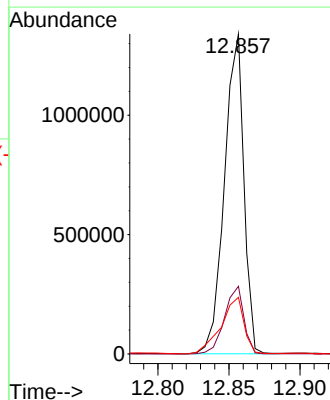
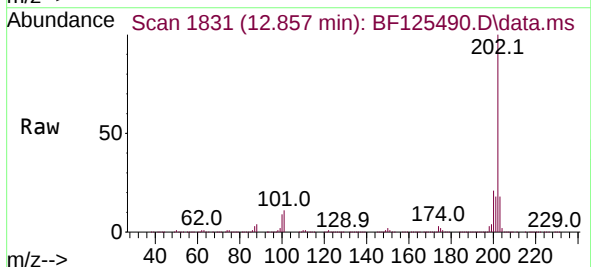
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

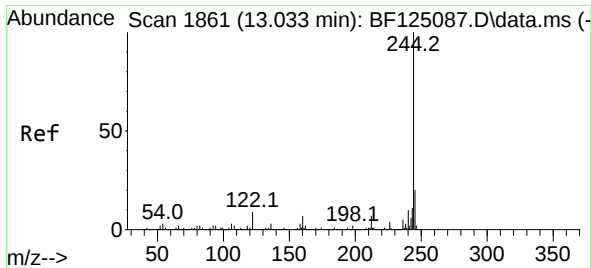
Tgt Ion:184 Resp: 296427
Ion Ratio Lower Upper
184 100
185 14.4 10.8 16.2
183 11.6 8.1 12.1



#78
Pyrene
Concen: 59.755 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:202 Resp: 1272515
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 17.7 13.4 20.0

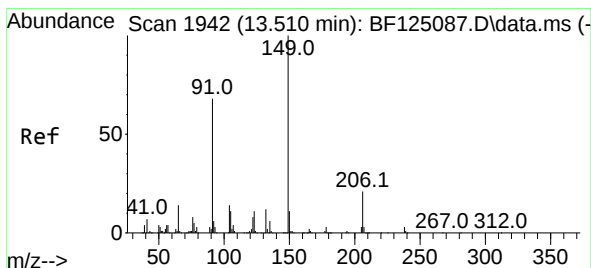
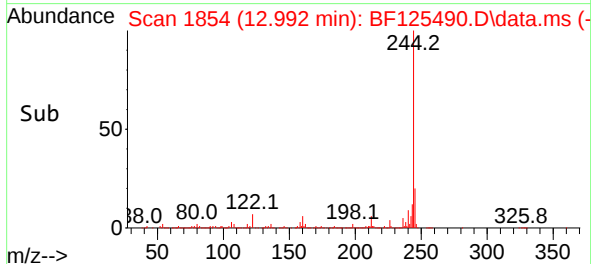
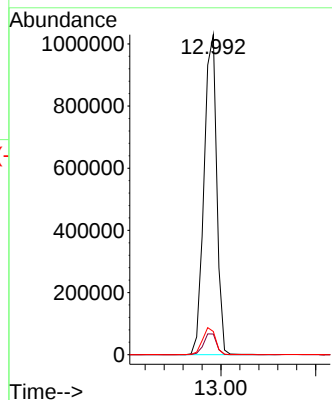
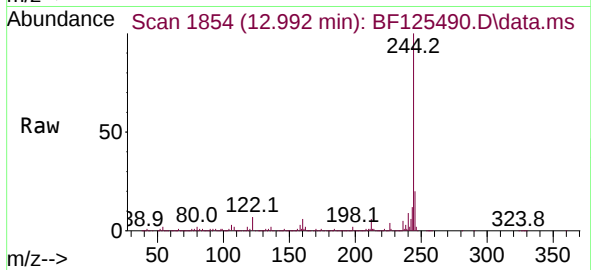




#79
 Terphenyl-d14
 Concen: 61.294 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF125490.D
 Acq: 14 Sep 2021 23:53

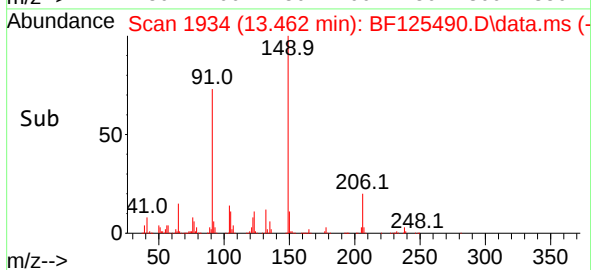
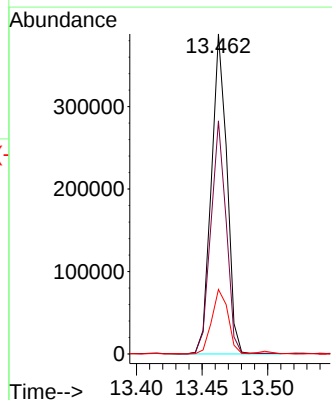
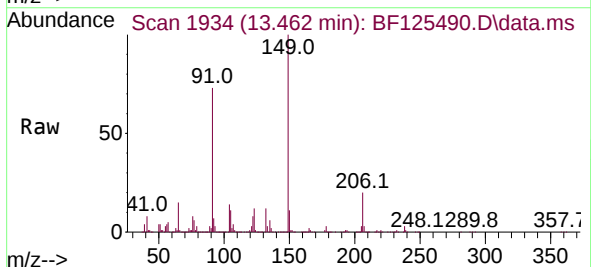
Instrument :
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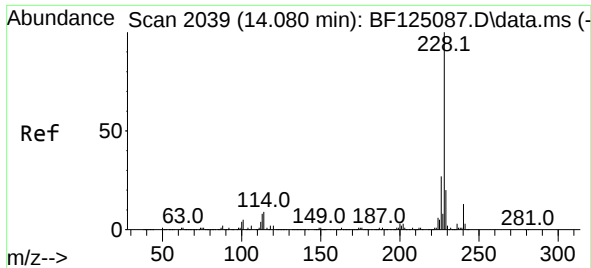
Tgt Ion:244 Resp: 955172
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 7.3 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 38.414 ng
 RT: 13.462 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF125490.D
 Acq: 14 Sep 2021 23:53

Tgt Ion:149 Resp: 321442
 Ion Ratio Lower Upper
 149 100
 91 72.9 51.8 77.8
 206 20.1 14.5 21.7

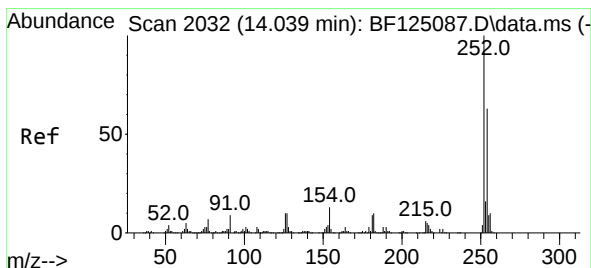
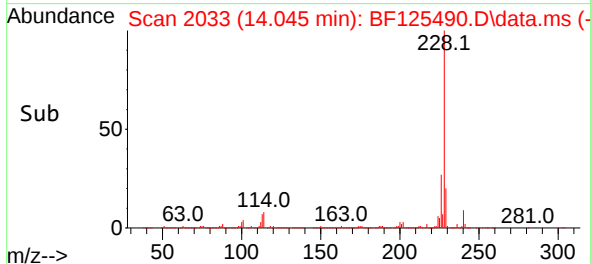
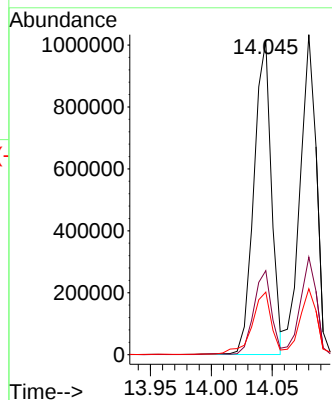
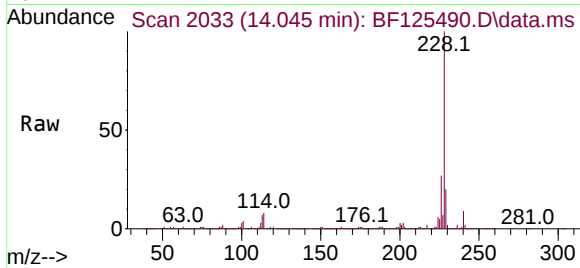




#81
Benzo(a)anthracene
Concen: 56.751 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

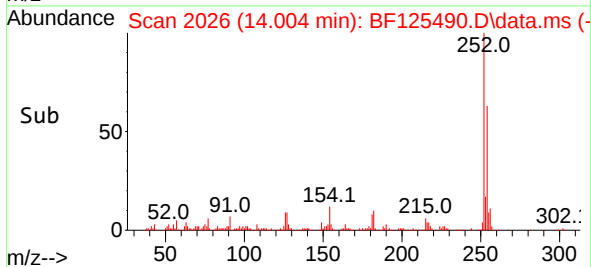
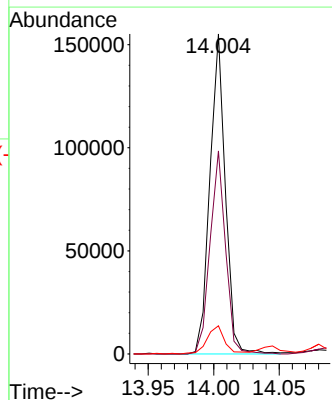
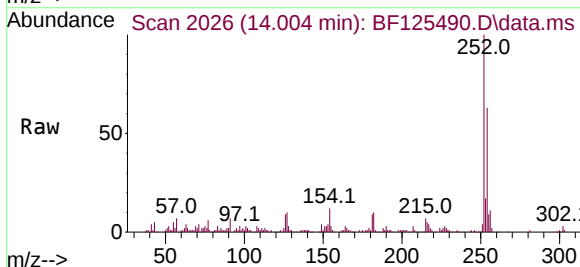
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

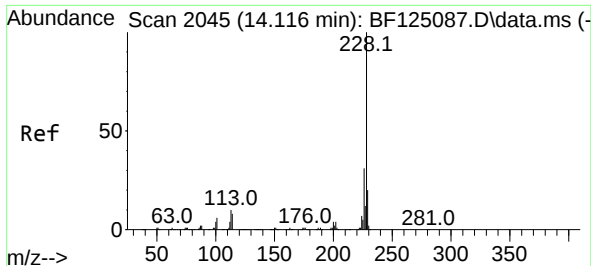
Tgt Ion:228 Resp: 1015112
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 19.9 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 22.963 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:252 Resp: 127324
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 8.8 9.5 14.3#

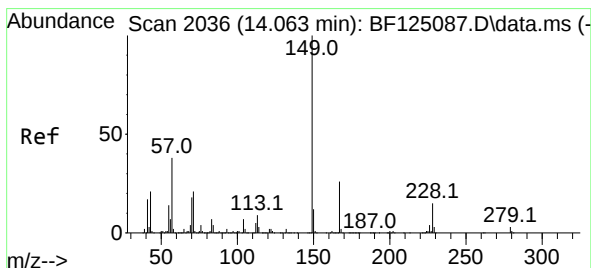
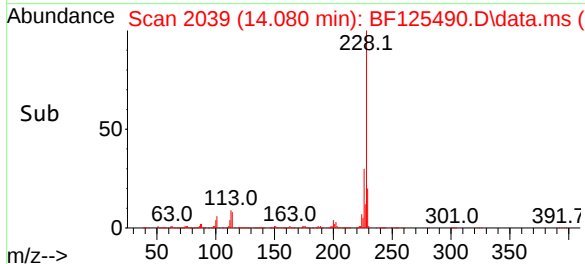
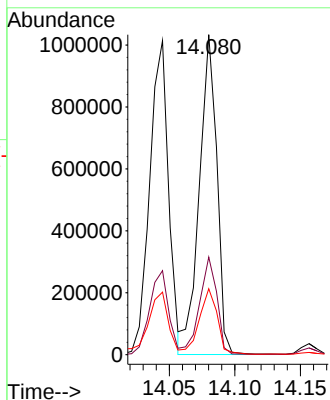
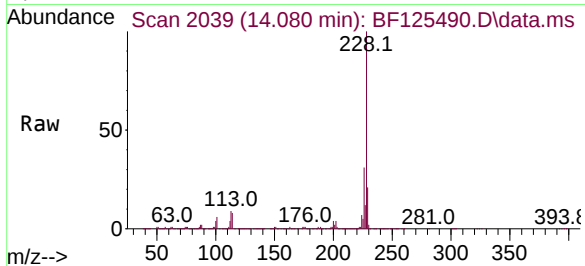




#83
Chrysene
Concen: 54.503 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

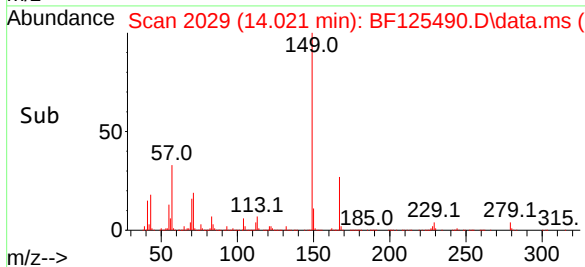
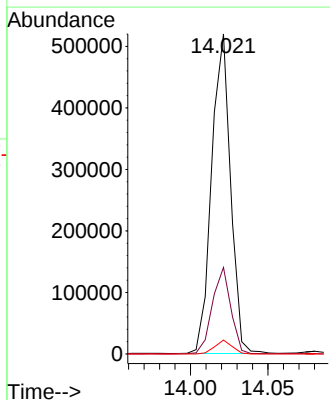
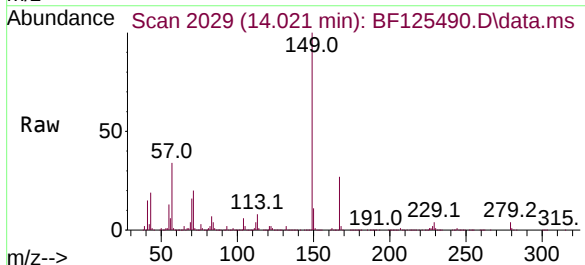
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

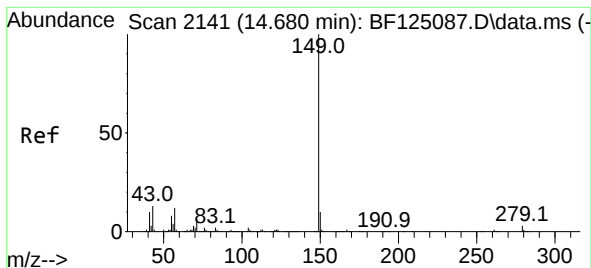
Tgt Ion:228 Resp: 964123
Ion Ratio Lower Upper
228 100
226 30.5 22.6 34.0
229 20.6 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.279 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:149 Resp: 440241
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.4 2.6 4.0#

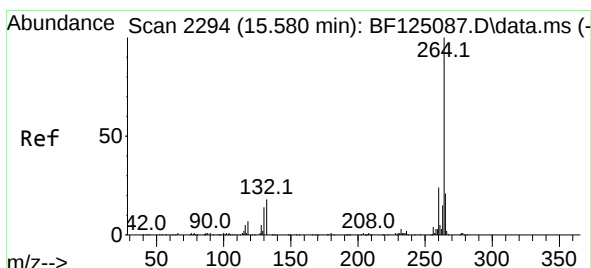
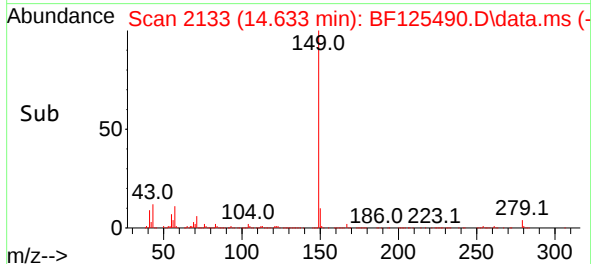
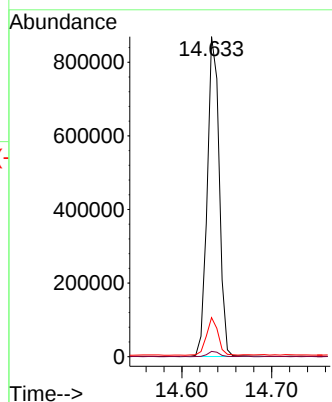
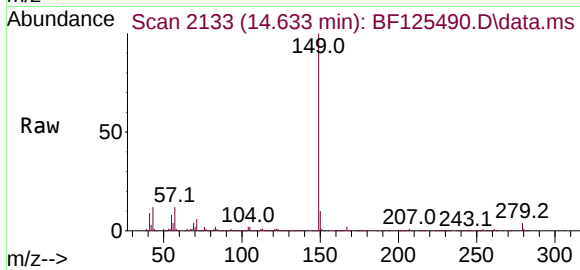




#85
Di-n-octyl phthalate
Concen: 42.119 ng
RT: 14.633 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

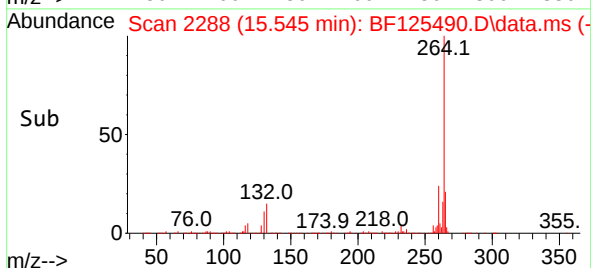
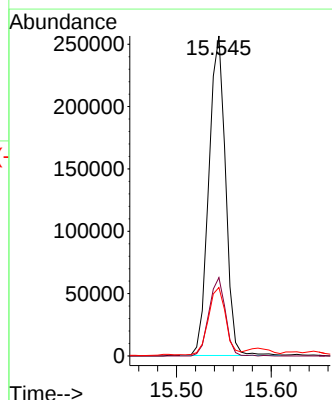
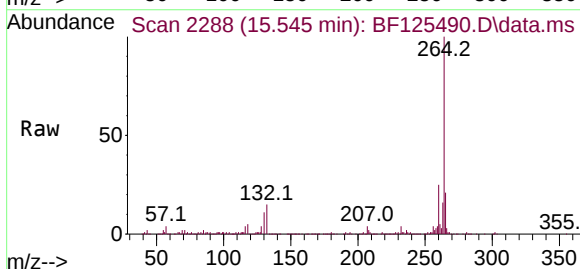
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

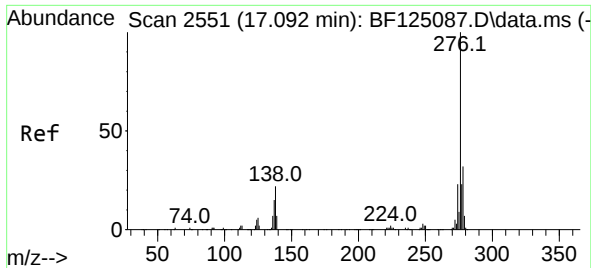
Tgt Ion:149 Resp: 805649
Ion Ratio Lower Upper
149 100
167 1.7 1.0 1.6#
43 11.3 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:264 Resp: 314514
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.4 17.2 25.8

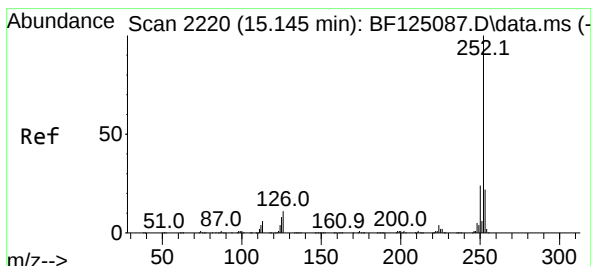
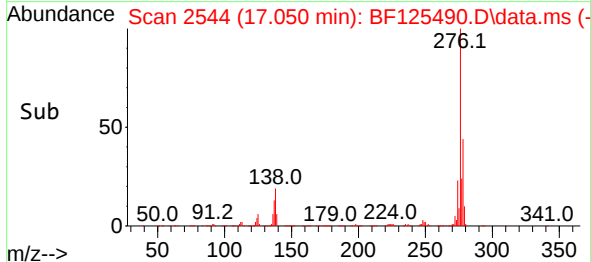
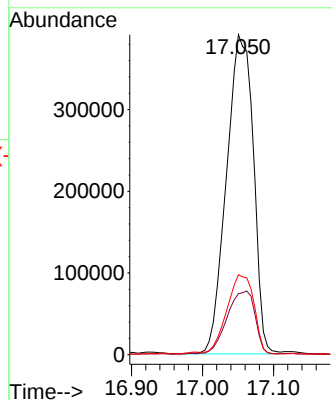
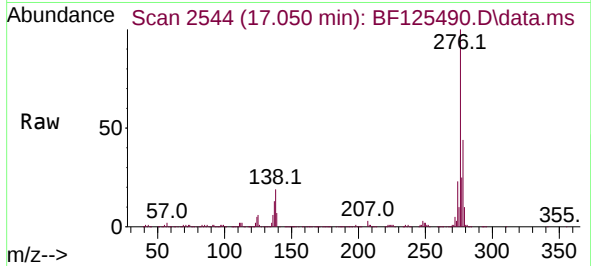




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.435 ng
RT: 17.050 min Scan# 2544
Delta R.T. -0.012 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

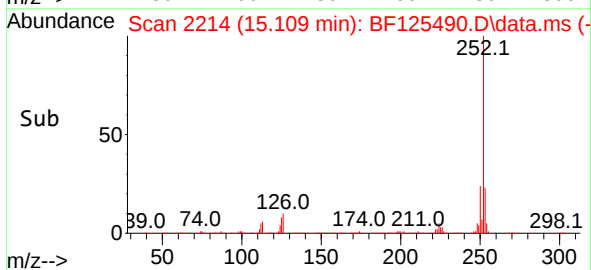
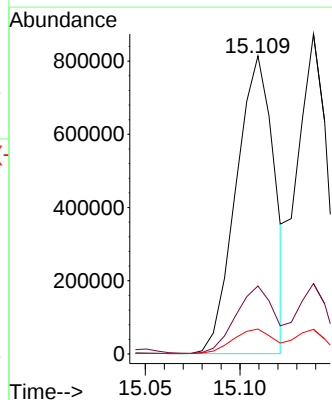
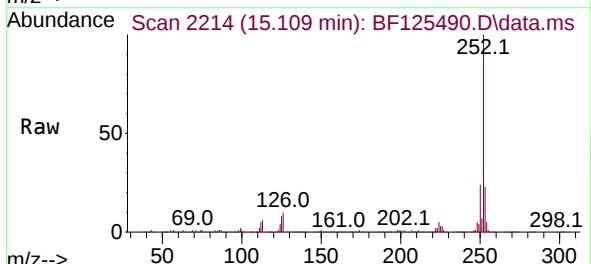
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

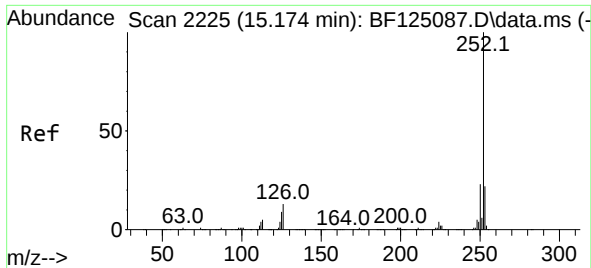
Tgt Ion:276 Resp: 1029477
Ion Ratio Lower Upper
276 100
138 20.6 24.1 36.1#
277 25.3 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 49.579 ng
RT: 15.109 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:252 Resp: 1139225
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 8.4 9.8 14.8#

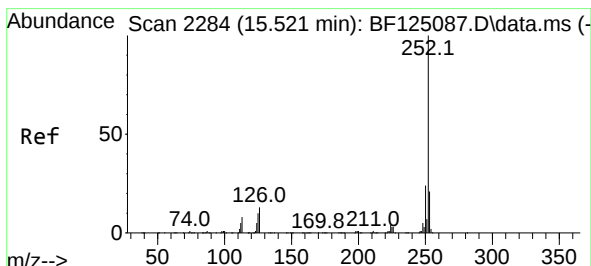
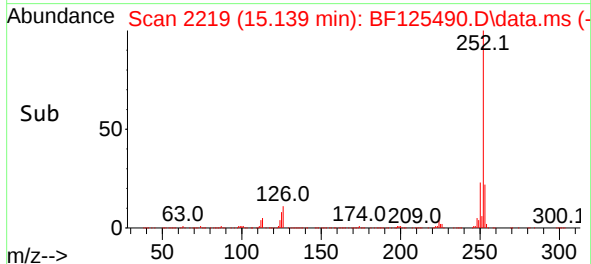
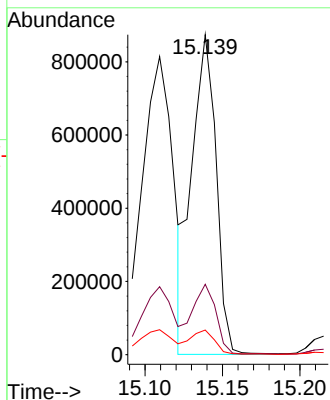
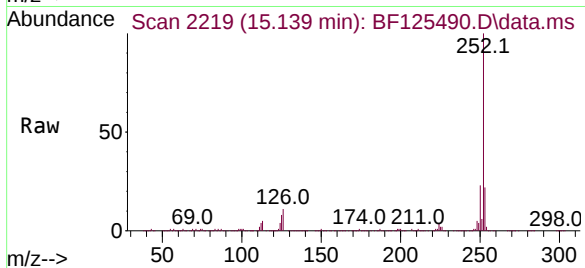




#89
Benzo(k)fluoranthene
Concen: 44.184 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

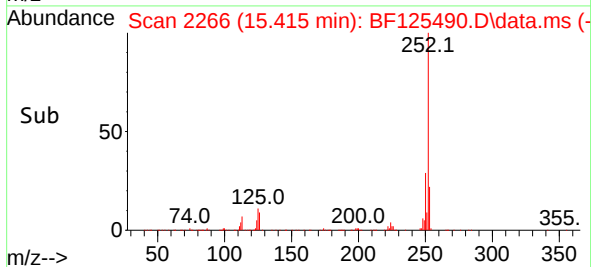
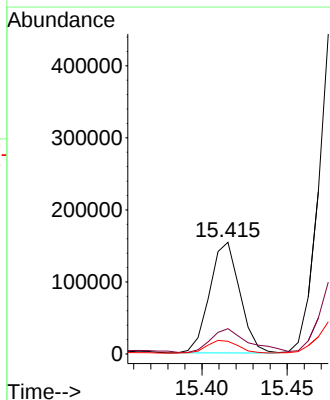
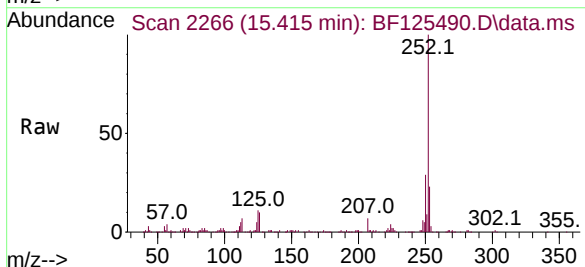
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

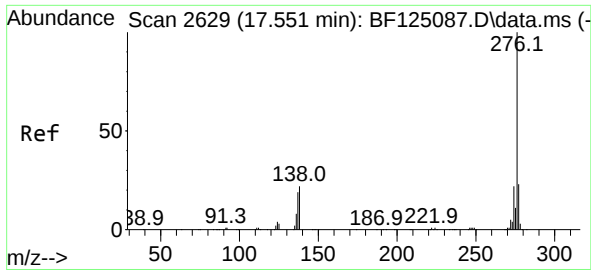
Tgt Ion:252 Resp: 947377
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.7 7.2 10.8



#90
Benzo(a)pyrene
Concen: 9.323 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.071 min
Lab File: BF125490.D
Acq: 14 Sep 2021 23:53

Tgt Ion:252 Resp: 189230
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 11.3 9.9 14.9





#92
 Benzo(g,h,i)perylene
 Concen: 44.668 ng
 RT: 17.509 min Scan# 2622
 Delta R.T. -0.012 min
 Lab File: BF125490.D
 Acq: 14 Sep 2021 23:53

Instrument :
 BNA_F
 ClientSampleId :
 WQ-SOILPILEMS

Tgt Ion:	276	Resp:	843555
Ion Ratio	Lower	Upper	
276	100		
277	23.0	22.0	33.0
138	17.8	22.2	33.4#

