

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125491.D
 Acq On : 15 Sep 2021 00:24
 Operator : JU/CG
 Sample : M3720-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-SOILPILEMSD

Quant Time: Sep 15 01:08:37 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	150621	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	586122	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	308476	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	503550	20.000	ng	0.00
76) Chrysene-d12	14.057	240	262712	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	322744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	857796	86.200	ng	0.00
7) Phenol-d6	6.516	99	1107766	86.073	ng	0.00
23) Nitrobenzene-d5	7.445	82	732140	62.886	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	237881	77.252	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1294906	58.505	ng	0.00
79) Terphenyl-d14	12.992	244	1029397	62.423	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	165584	33.721	ng	# 100
3) Pyridine	3.475	79	385094	29.708	ng	# 91
4) n-Nitrosodimethylamine	3.440	42	238344	36.744	ng	# 37
6) Aniline	6.539	93	396037	26.197	ng	# 88
8) 2-Chlorophenol	6.663	128	404748	39.871	ng	81
9) Benzaldehyde	6.428	77	269337	29.820	ng	91
10) Phenol	6.534	94	525654	39.001	ng	74
11) bis(2-Chloroethyl)ether	6.610	93	420922	39.655	ng	87
12) 1,3-Dichlorobenzene	6.816	146	446449	37.952	ng	97
13) 1,4-Dichlorobenzene	6.892	146	452049	38.566	ng	98
14) 1,2-Dichlorobenzene	7.045	146	431063	39.089	ng	97
15) Benzyl Alcohol	7.022	79	371016	37.442	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	760661	35.733	ng	92
17) 2-Methylphenol	7.134	107	350459	41.097	ng	# 93
18) Hexachloroethane	7.386	117	163653	39.871	ng	# 86
19) n-Nitroso-di-n-propyla...	7.292	70	292464	37.780	ng	# 76
20) 3+4-Methylphenols	7.286	107	398372	37.215	ng	# 56
22) Acetophenone	7.286	105	556296	36.878	ng	# 88
24) Nitrobenzene	7.463	77	472955	37.282	ng	89
25) Isophorone	7.698	82	831126	37.006	ng	# 90
26) 2-Nitrophenol	7.781	139	217600	42.957	ng	# 84
27) 2,4-Dimethylphenol	7.816	122	357124	40.271	ng	88
28) bis(2-Chloroethoxy)met...	7.904	93	520623	41.866	ng	# 96
29) 2,4-Dichlorophenol	8.022	162	353810	39.121	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	379694	38.500	ng	97
31) Naphthalene	8.181	128	1113871	37.107	ng	99
32) Benzoic acid	7.816	122	357124	59.333	ng	# 20
33) 4-Chloroaniline	8.233	127	232188	19.621	ng	# 93
34) Hexachlorobutadiene	8.292	225	244623	38.900	ng	99
35) Caprolactam	8.604	113	65045	27.767	ng	# 53
36) 4-Chloro-3-methylphenol	8.722	107	369150	39.983	ng	91
37) 2-Methylnaphthalene	8.875	142	770762	38.857	ng	98
38) 1-Methylnaphthalene	8.975	142	711567	38.415	ng	95
40) 1,2,4,5-Tetrachloroben...	9.039	216	400000	39.689	ng	97
41) Hexachlorocyclopentadiene	9.022	237	294683	55.652	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	229832	32.387	ng	96

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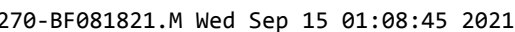
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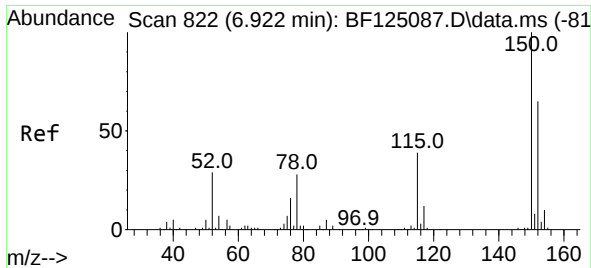
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	233126	31.225	ng	# 90
46) 1,1'-Biphenyl	9.339	154	895752	36.018	ng	98
47) 2-Chloronaphthalene	9.363	162	750377	37.129	ng	98
48) 2-Nitroaniline	9.463	65	273112	43.595	ng	# 81
49) Acenaphthylene	9.780	152	1118755	37.989	ng	98
50) Dimethylphthalate	9.639	163	877750	41.060	ng	# 97
51) 2,6-Dinitrotoluene	9.704	165	192363	41.499	ng	# 79
52) Acenaphthene	9.951	154	661993	36.260	ng	98
53) 3-Nitroaniline	9.875	138	157131	31.434	ng	# 77
54) 2,4-Dinitrophenol	9.998	184	11781	6.434	ng	# 84
55) Dibenzofuran	10.127	168	960528	36.558	ng	97
56) 4-Nitrophenol	10.045	139	158015	39.918	ng	# 77
57) 2,4-Dinitrotoluene	10.110	165	247064	44.039	ng	# 98
58) Fluorene	10.469	166	759262	39.087	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	130332	23.523	ng	# 84
60) Diethylphthalate	10.339	149	825007	39.587	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	388424	39.549	ng	# 87
62) 4-Nitroaniline	10.492	138	188549	41.946	ng	# 84
63) Azobenzene	10.616	77	834785	35.712	ng	91
65) 4,6-Dinitro-2-methylph...	10.522	198	33777	12.674	ng	88
66) n-Nitrosodiphenylamine	10.580	169	715092	39.660	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	261708	43.281	ng	# 88
68) Hexachlorobenzene	11.016	284	265708	42.715	ng	# 86
69) Atrazine	11.104	200	222261	42.958	ng	91
70) Pentachlorophenol	11.216	266	82226	22.639	ng	93
71) Phenanthrene	11.433	178	1396021	50.315	ng	97
72) Anthracene	11.486	178	1144865	41.863	ng	98
73) Carbazole	11.639	167	902651	36.119	ng	99
74) Di-n-butylphthalate	11.963	149	1114483	37.580	ng	100
75) Fluoranthene	12.627	202	1492362	54.207	ng	96
77) Benzidine	12.745	184	310287	33.818	ng	98
78) Pyrene	12.857	202	1369567	60.774	ng	97
80) Butylbenzylphthalate	13.463	149	341323	38.546	ng	92
81) Benzo(a)anthracene	14.045	228	1062111	56.111	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	145628	24.819	ng	# 98
83) Chrysene	14.080	228	981168	52.414	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	462000	37.961	ng	99
85) Di-n-octyl phthalate	14.639	149	816815	40.353	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	1039032	44.688	ng	# 88
88) Benzo(b)fluoranthene	15.109	252	1285876	54.535	ng	# 94
89) Benzo(k)fluoranthene	15.139	252	854744	38.847	ng	99
90) Benzo(a)pyrene	15.415	252	196243	9.422	ng	100
92) Benzo(g,h,i)perylene	17.509	276	827385	42.695	ng	# 87

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

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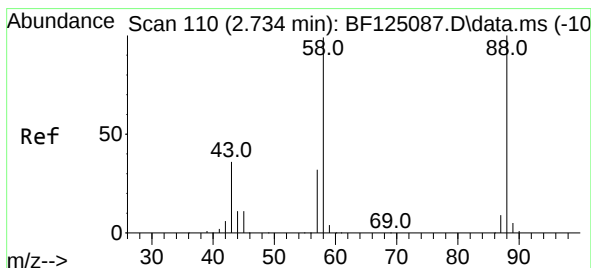
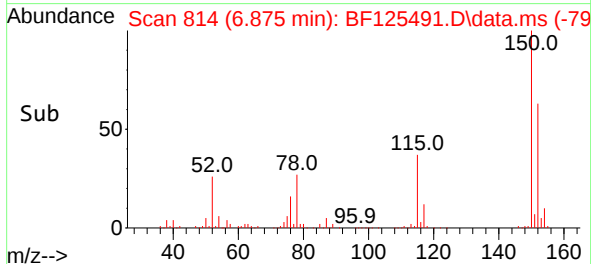
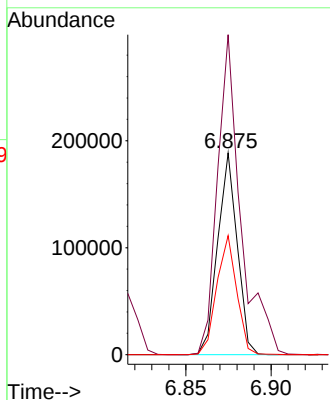
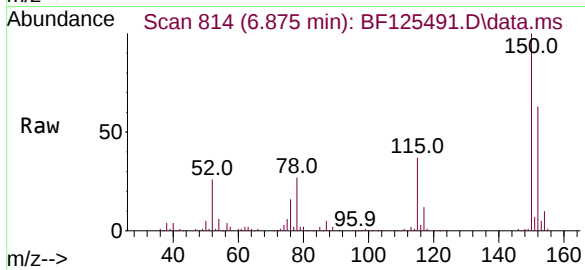




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF125491.D
 Acq: 15 Sep 2021 00:24

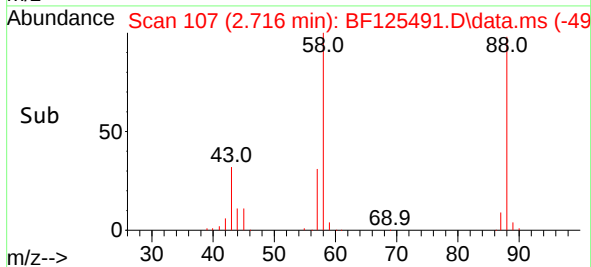
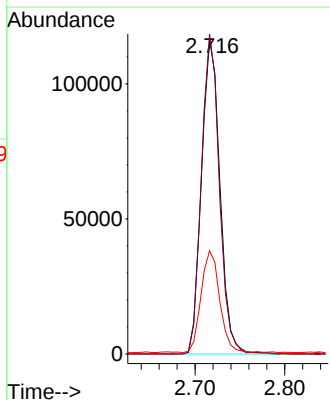
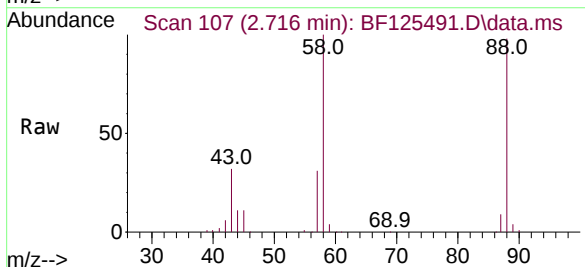
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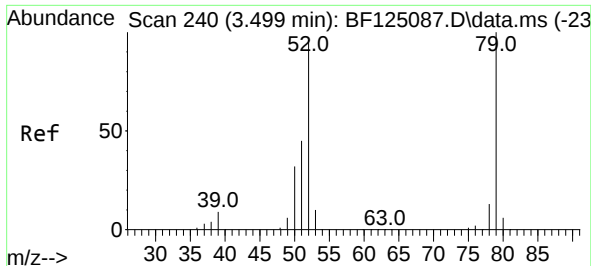
Tgt Ion:152 Resp: 150621
 Ion Ratio Lower Upper
 152 100
 150 158.6 117.6 176.4
 115 59.0 47.1 70.7



#2
 1,4-Dioxane
 Concen: 33.721 ng
 RT: 2.716 min Scan# 107
 Delta R.T. 0.041 min
 Lab File: BF125491.D
 Acq: 15 Sep 2021 00:24

Tgt Ion: 88 Resp: 165584
 Ion Ratio Lower Upper
 88 100
 58 99.3 0.0 0.0#
 43 32.7 0.0 0.0#

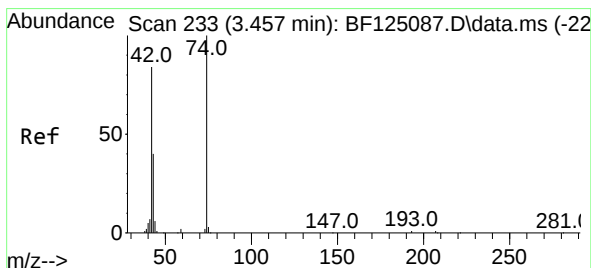
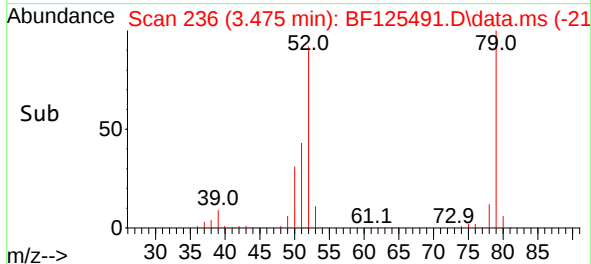
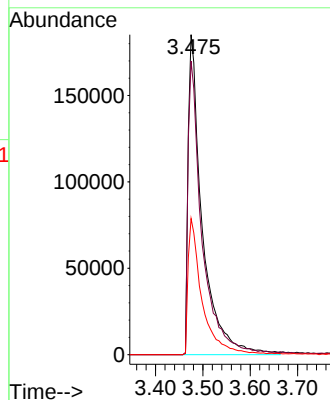
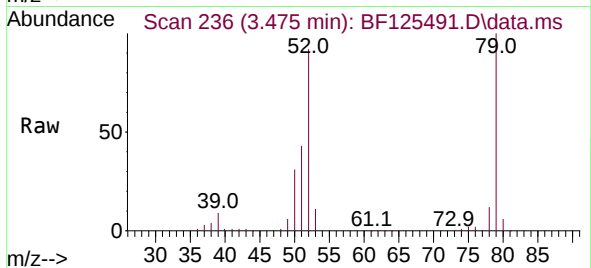




#3
Pyridine
Concen: 29.708 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.035 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

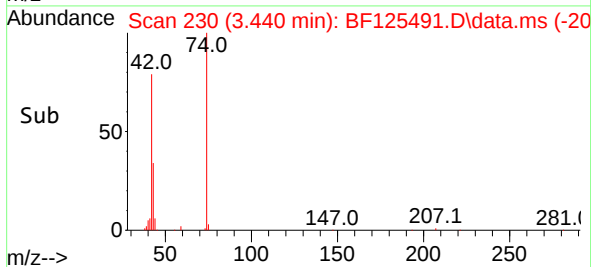
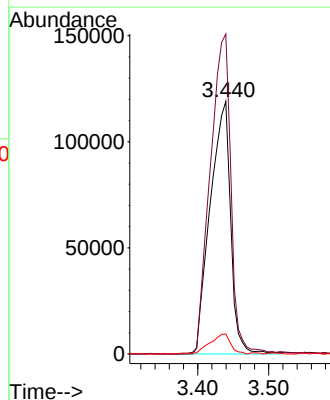
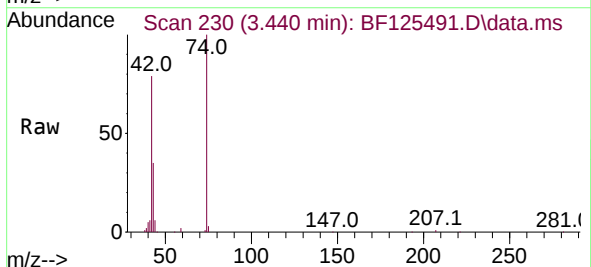
Instrument :
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ClientSampleId :
WQ-SOILPILEMSD

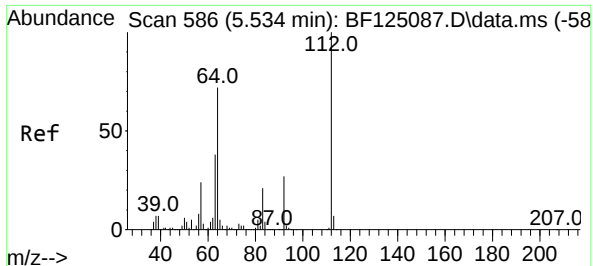
Tgt Ion: 79 Resp: 385094
Ion Ratio Lower Upper
79 100
52 91.7 70.3 105.5
51 42.6 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 36.744 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.035 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion: 42 Resp: 238344
Ion Ratio Lower Upper
42 100
74 126.7 59.0 88.6#
44 7.9 0.0 0.0#

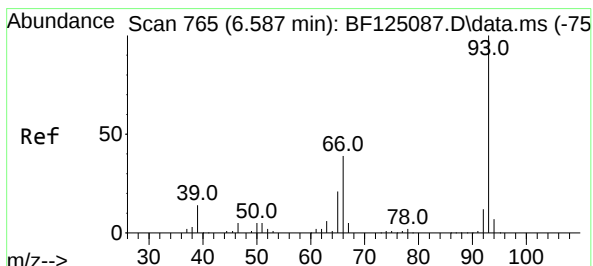
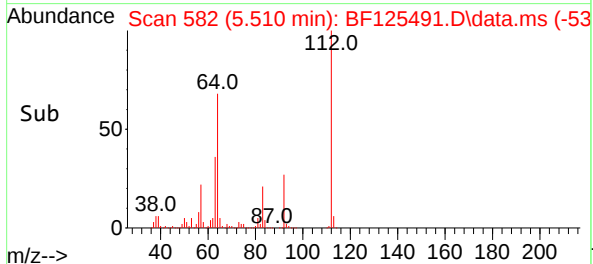
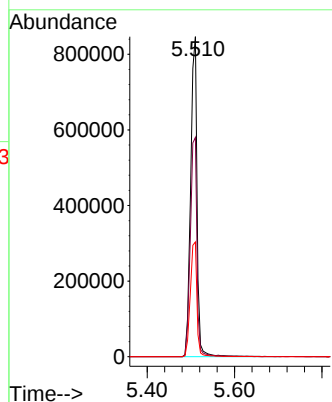
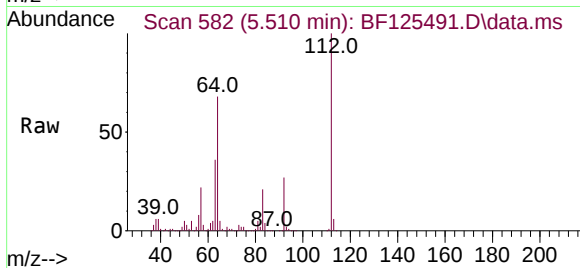




#5
2-Fluorophenol
Concen: 86.200 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

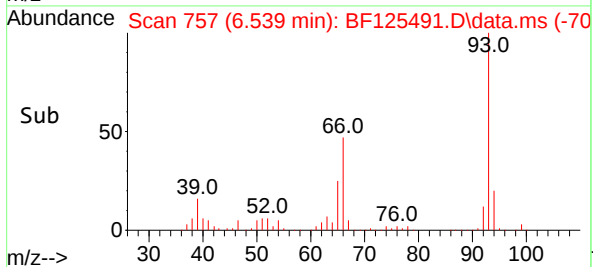
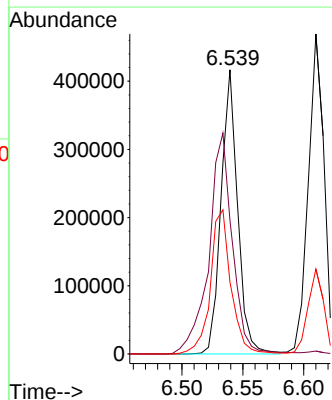
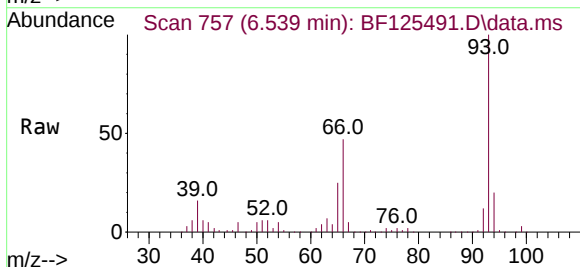
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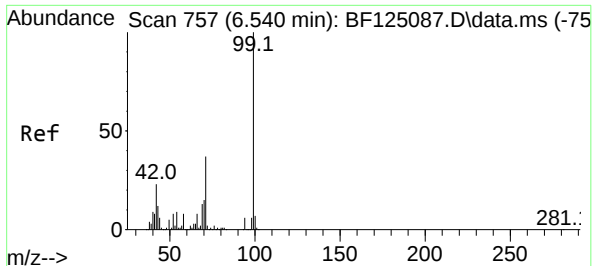
Tgt Ion:112 Resp: 857796
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 35.8 26.2 39.2



#6
Aniline
Concen: 26.197 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion: 93 Resp: 396037
Ion Ratio Lower Upper
93 100
66 47.0 32.7 49.1
65 25.3 14.2 21.4#

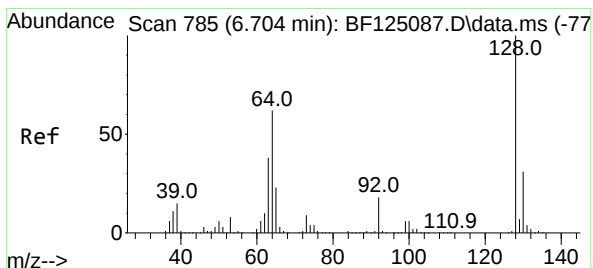
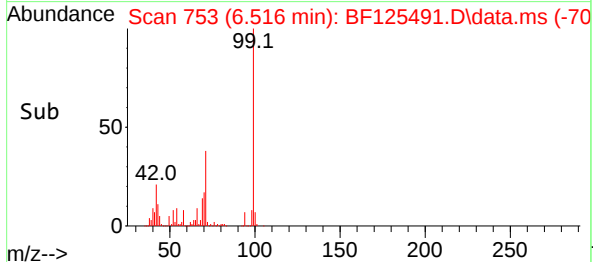
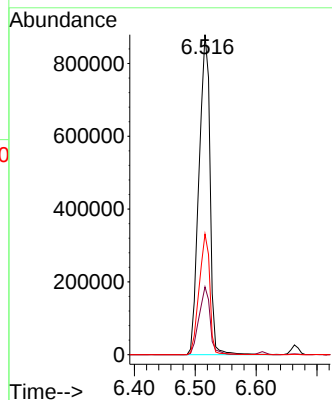
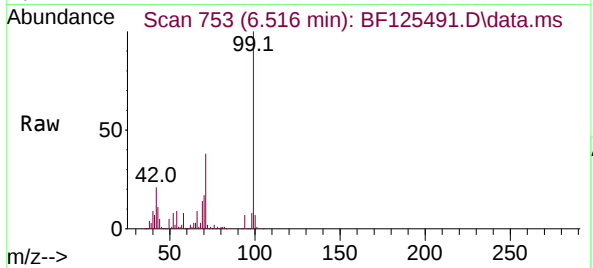




#7
Phenol-d6
Concen: 86.073 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

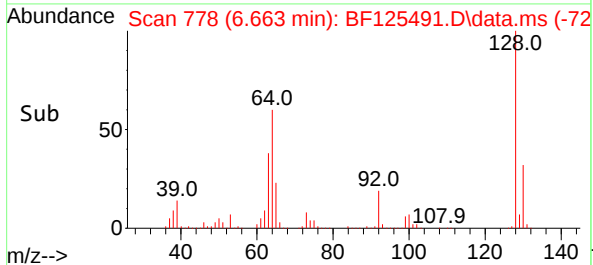
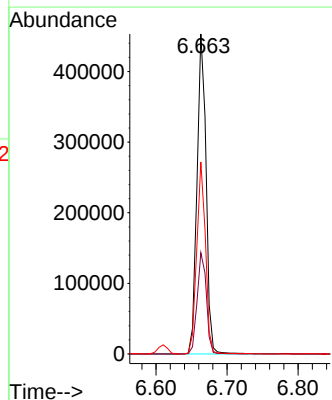
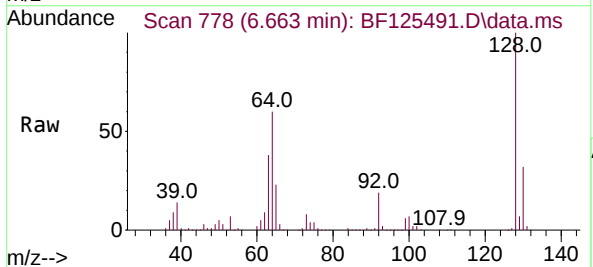
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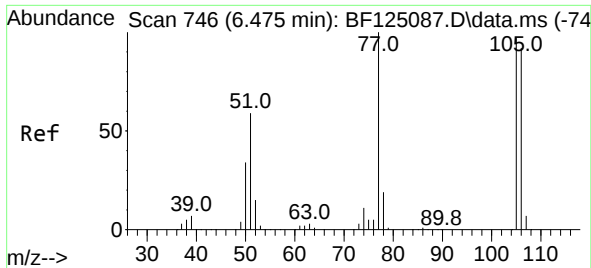
Tgt Ion: 99 Resp: 1107766
Ion Ratio Lower Upper
99 100
42 21.2 23.5 35.3#
71 37.7 25.6 38.4



#8
2-Chlorophenol
Concen: 39.871 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion: 128 Resp: 404748
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 60.0 20.3 60.3

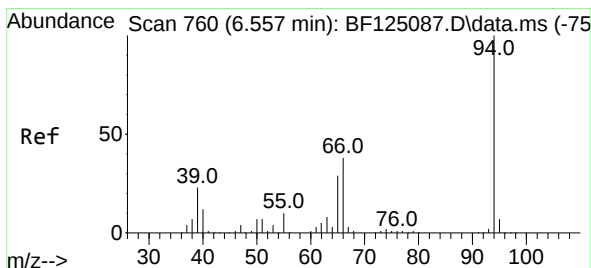
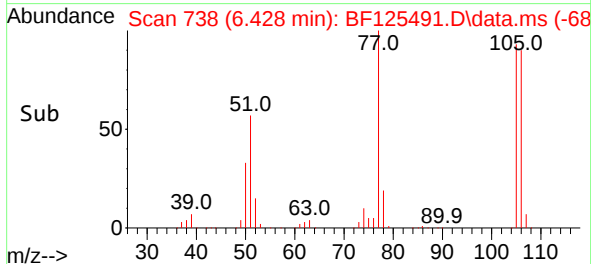
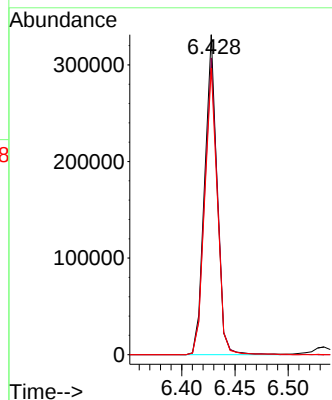
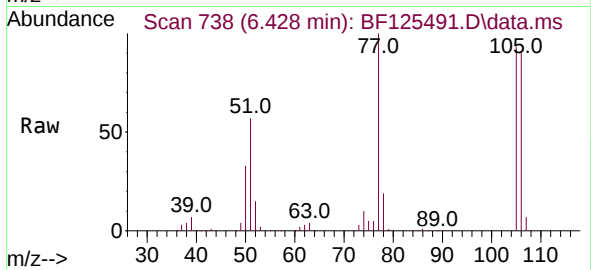




#9
Benzaldehyde
Concen: 29.820 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

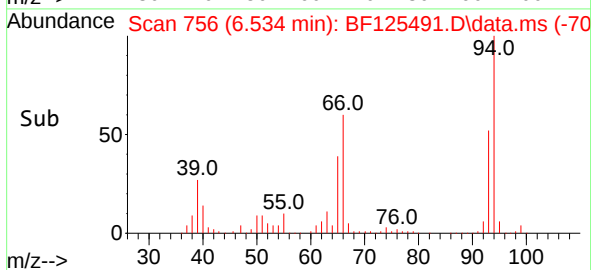
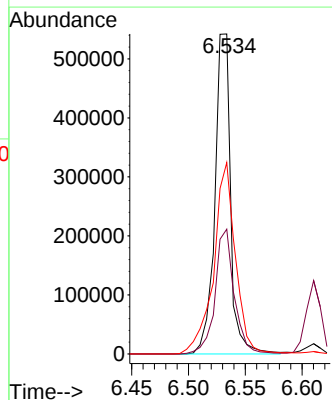
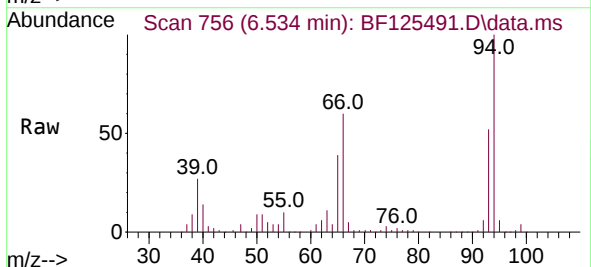
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ClientSampleId :
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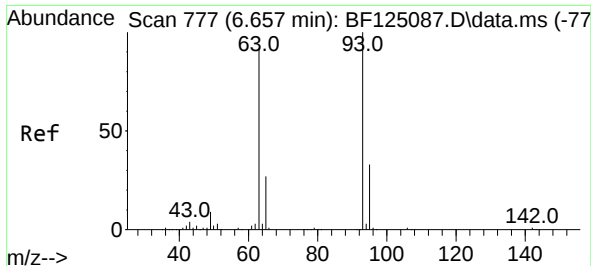
Tgt Ion: 77 Resp: 269337
Ion Ratio Lower Upper
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105 92.8 75.9 115.9
106 89.5 84.0 124.0



#10
Phenol
Concen: 39.001 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion: 94 Resp: 525654
Ion Ratio Lower Upper
94 100
65 39.0 9.3 49.3
66 59.8 20.3 60.3

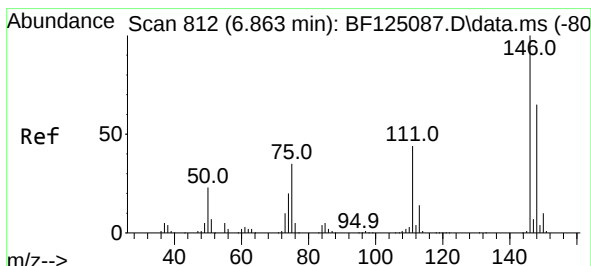
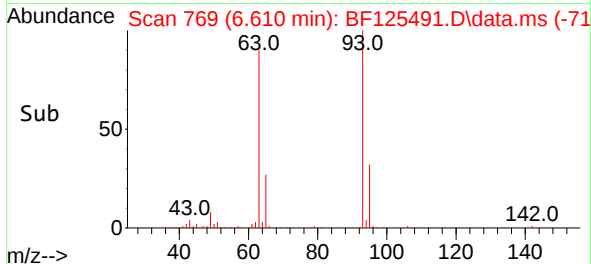
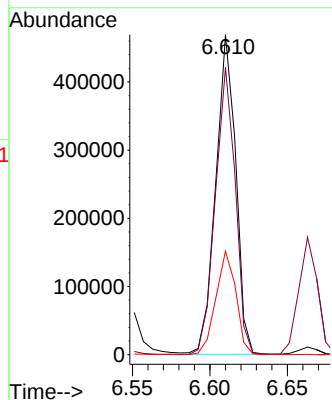
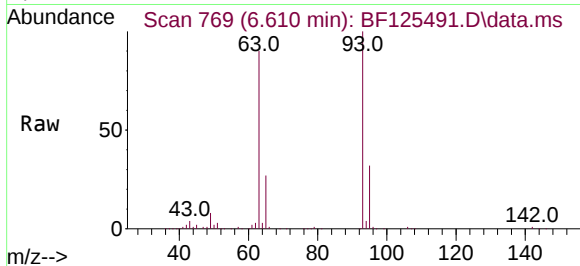




#11
bis(2-Chloroethyl)ether
Concen: 39.655 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

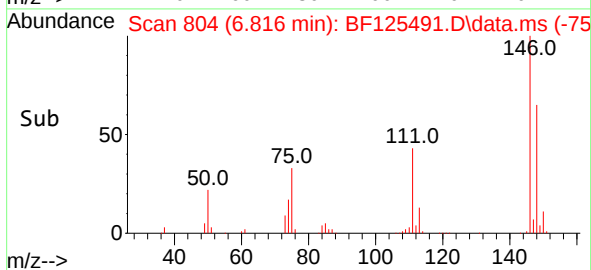
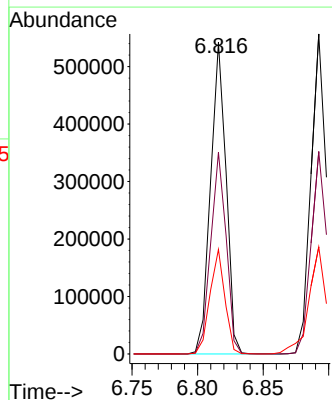
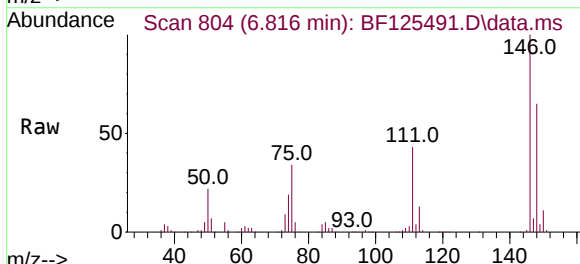
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

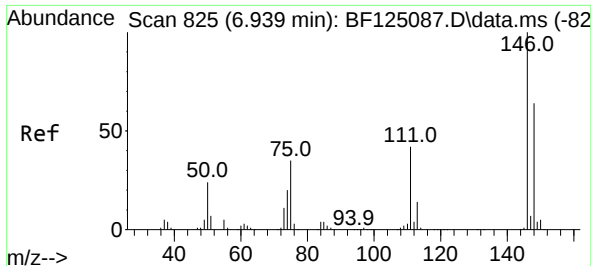
Tgt Ion:	93	Resp:	420922
Ion	Ratio	Lower	Upper
93	100		
63	89.8	54.4	94.4
95	32.3	11.4	51.4



#12
1,3-Dichlorobenzene
Concen: 37.952 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:	146	Resp:	446449
Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.7	74.5
75	33.5	25.2	37.8

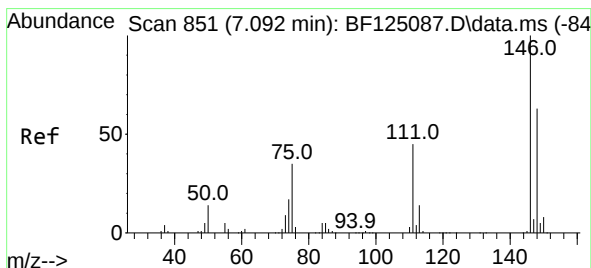
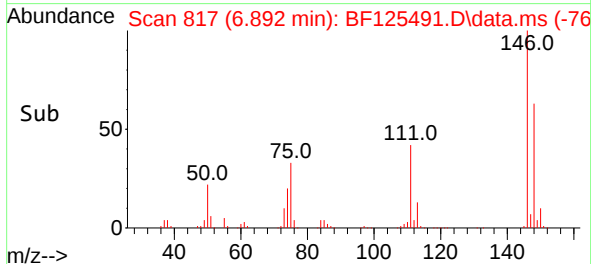
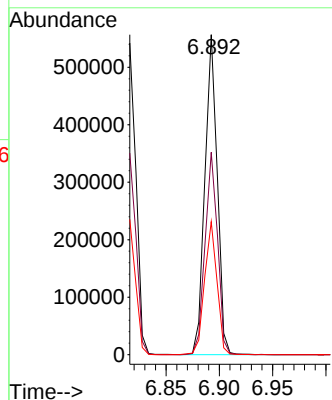
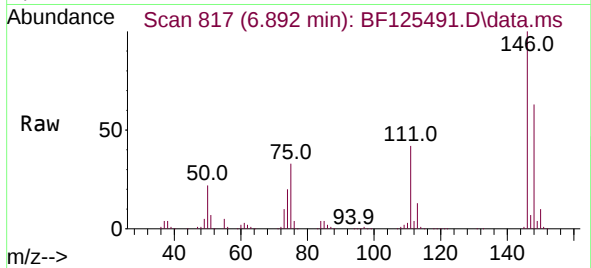




#13
1,4-Dichlorobenzene
Concen: 38.566 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

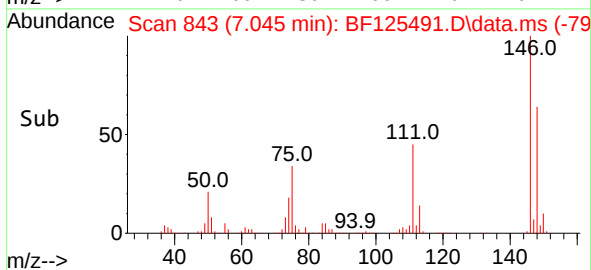
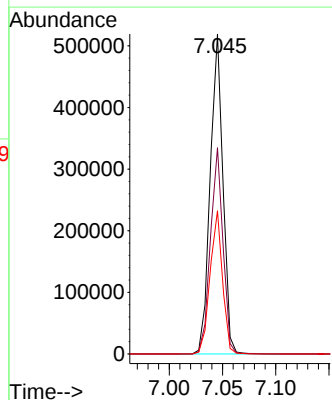
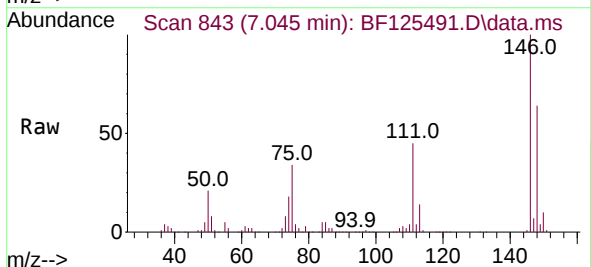
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

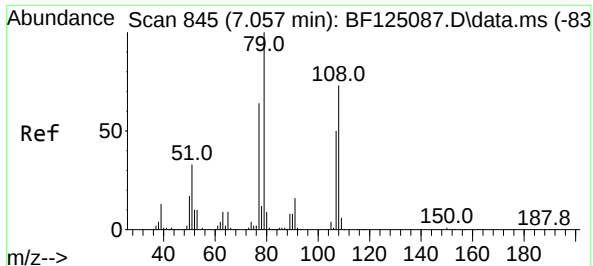
Tgt Ion:146 Resp: 452049
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
111 41.5 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 39.089 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:146 Resp: 431063
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
111 44.8 33.5 50.3





#15

Benzyl Alcohol

Concen: 37.442 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

Tgt Ion: 79 Resp: 371016

Ion Ratio Lower Upper

79 100

108 73.3 60.4 90.6

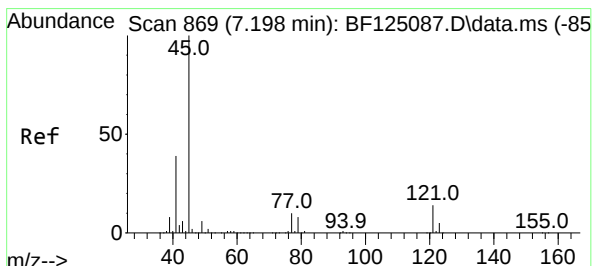
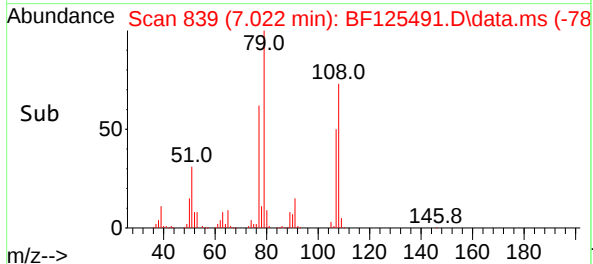
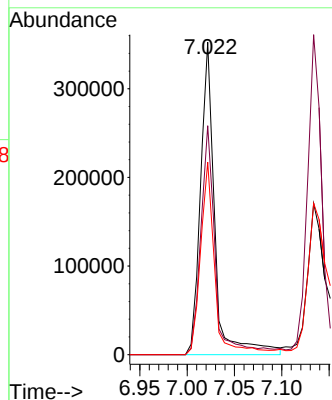
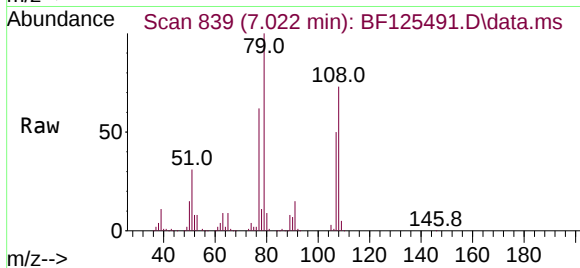
77 61.6 51.5 77.3

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMSD



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.733 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

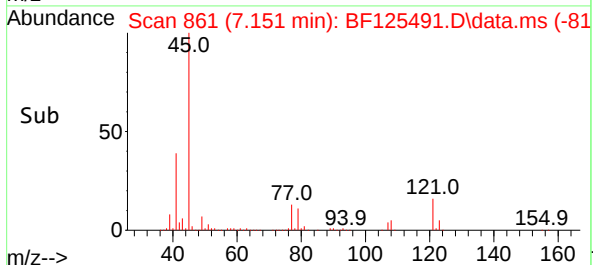
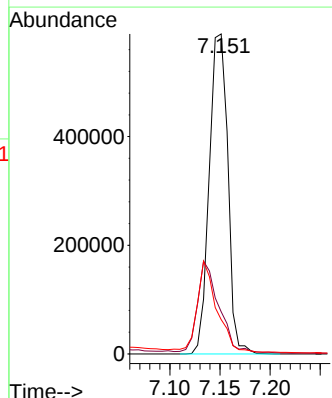
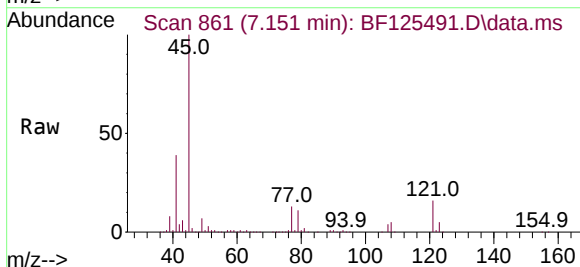
Tgt Ion: 45 Resp: 760661

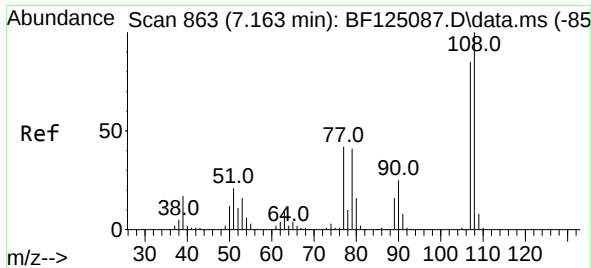
Ion Ratio Lower Upper

45 100

77 13.2 0.0 30.6

79 10.8 0.0 27.5

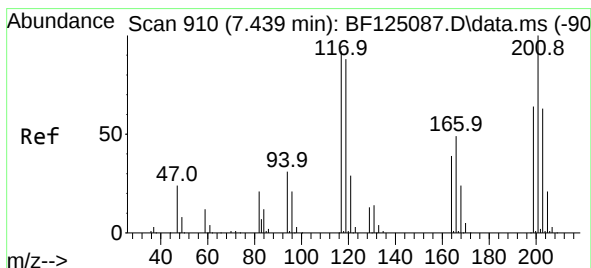
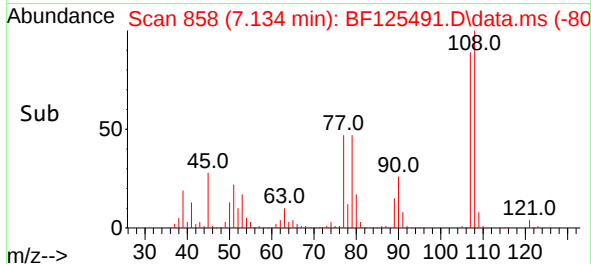
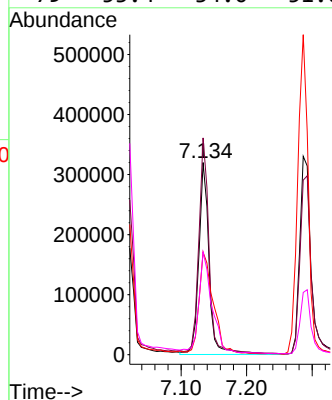
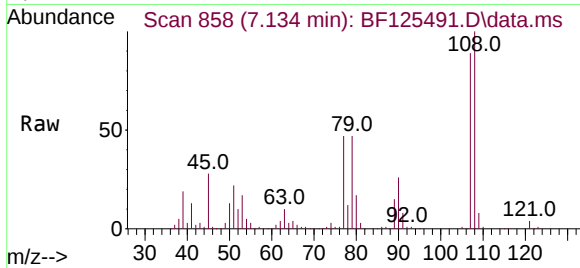




#17
2-Methylphenol
Concen: 41.097 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

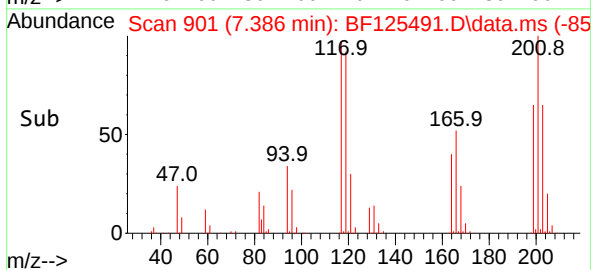
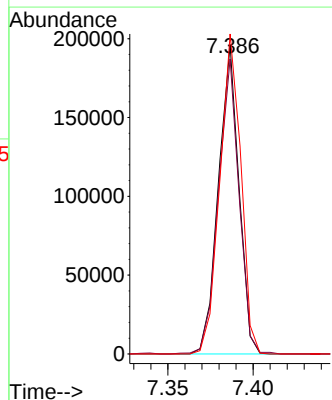
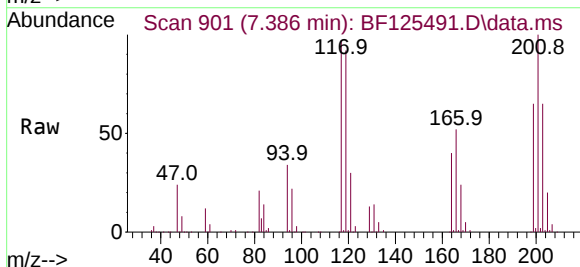
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

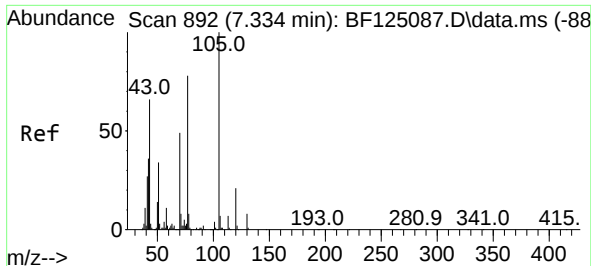
Tgt Ion:	107	Resp:	350459
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.6	135.8
77	53.3	35.7	53.5
79	53.4	34.0	51.0



#18
Hexachloroethane
Concen: 39.871 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

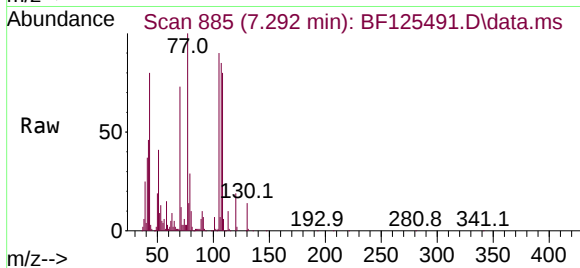
Tgt Ion:	117	Resp:	163653
Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.4	110.2
201	103.6	64.9	97.3



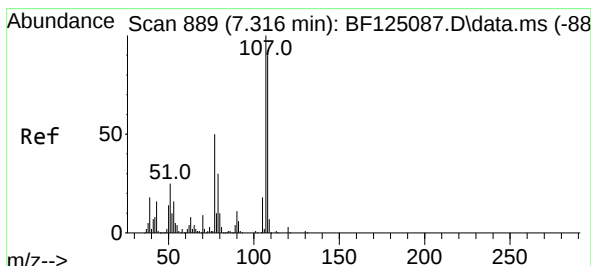
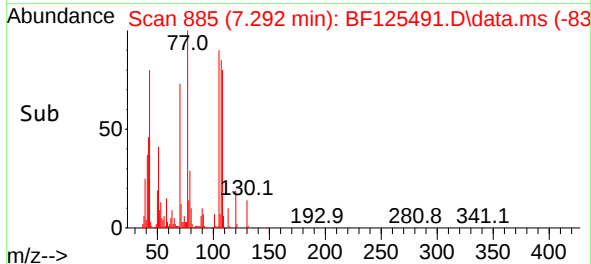
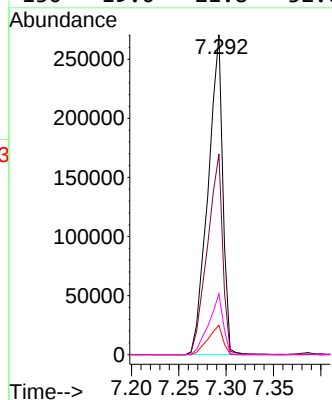


#19
n-Nitroso-di-n-propylamine
Concen: 37.780 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

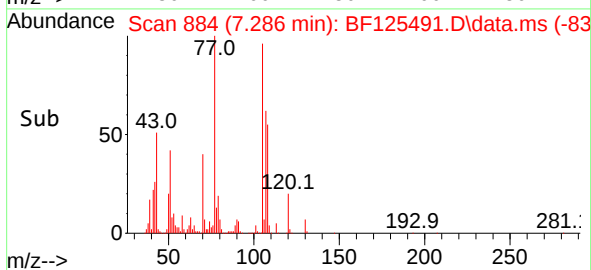
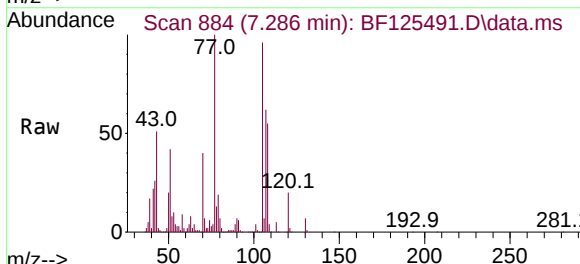
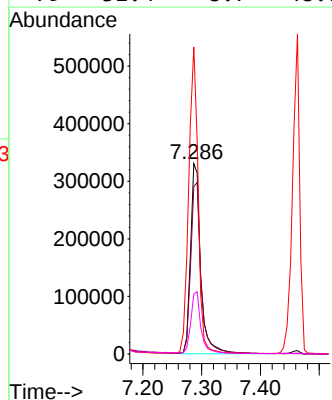


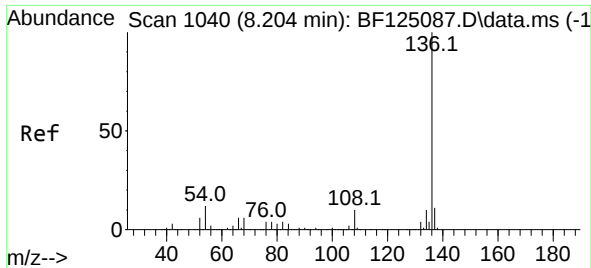
Tgt Ion: 70 Resp: 292464
Ion Ratio Lower Upper
70 100
42 62.7 72.2 108.2#
101 9.2 7.8 11.8
130 19.0 21.8 32.6#



#20
3+4-Methylphenols
Concen: 37.215 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

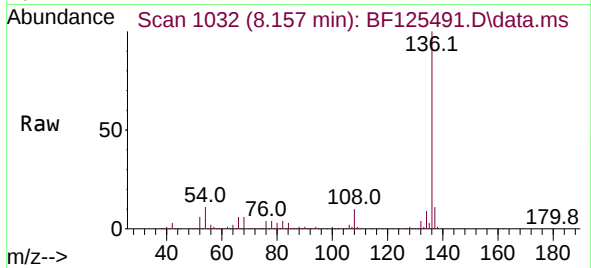
Tgt Ion: 107 Resp: 398372
Ion Ratio Lower Upper
107 100
108 88.0 76.6 116.6
77 161.3 53.3 93.3#
79 31.4 8.7 48.7



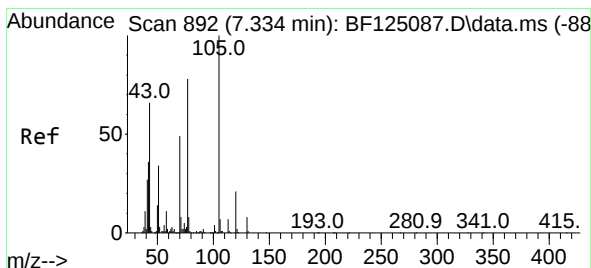
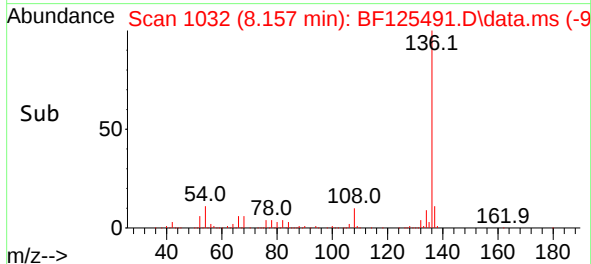
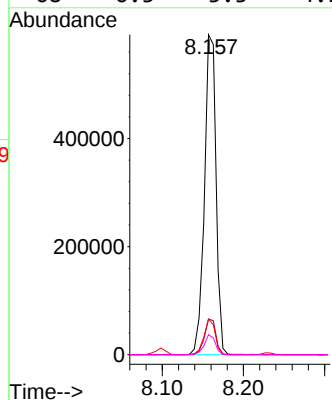


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

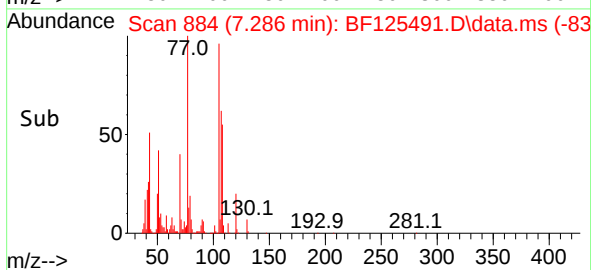
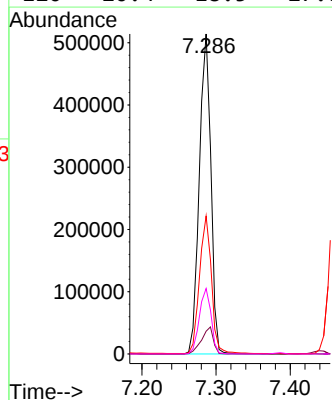
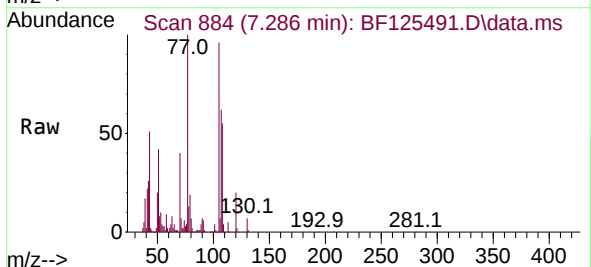


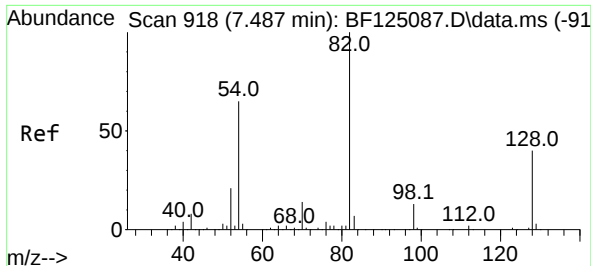
Tgt Ion:	136	Resp:	586122
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.6
54	11.2	6.4	9.6#
68	6.3	3.3	4.9#



#22
Acetophenone
Concen: 36.878 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:	105	Resp:	556296
Ion Ratio	Lower	Upper	
105	100		
71	7.1	5.5	8.3
51	43.1	26.0	39.0#
120	20.4	18.5	27.7

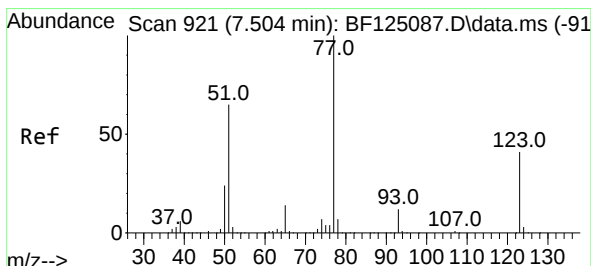
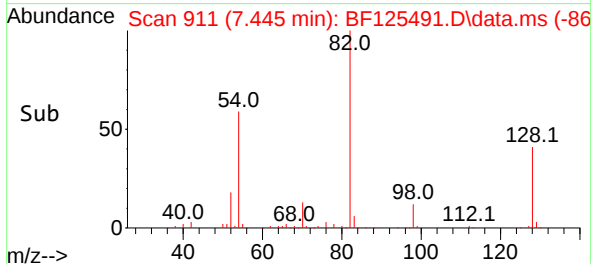
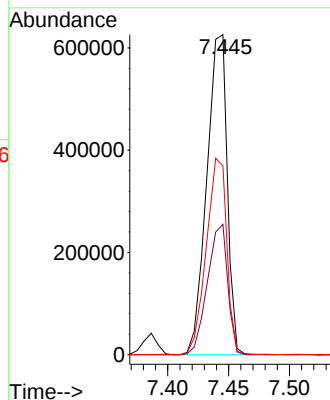
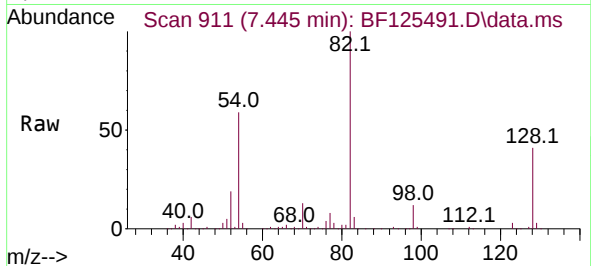




#23
Nitrobenzene-d5
Concen: 62.886 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

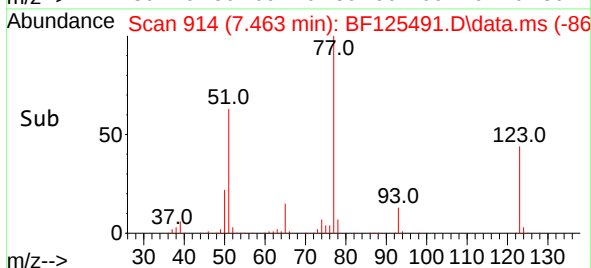
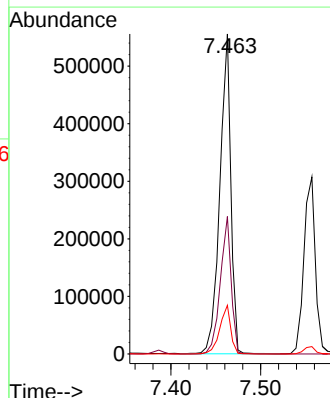
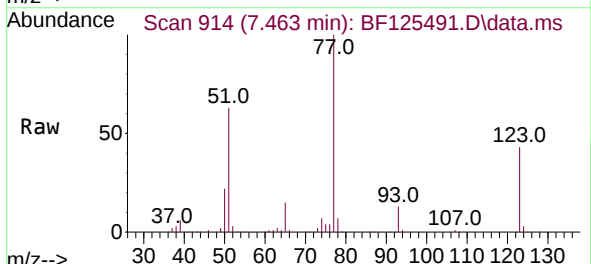
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

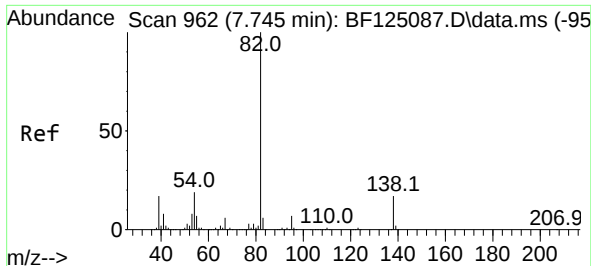
Tgt Ion: 82 Resp: 732140
Ion Ratio Lower Upper
82 100
128 40.8 40.6 60.8
54 59.0 49.6 74.4



#24
Nitrobenzene
Concen: 37.282 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion: 77 Resp: 472955
Ion Ratio Lower Upper
77 100
123 43.0 42.3 63.5
65 15.2 12.4 18.6

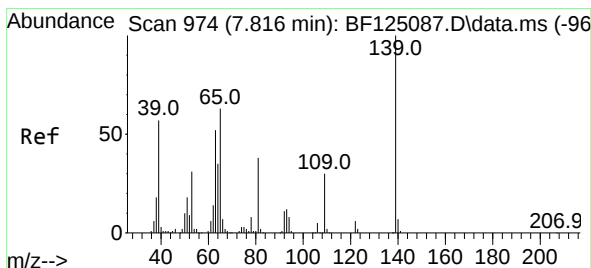
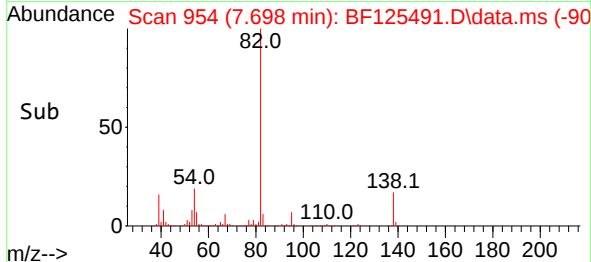
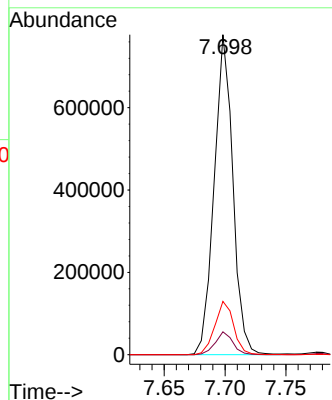
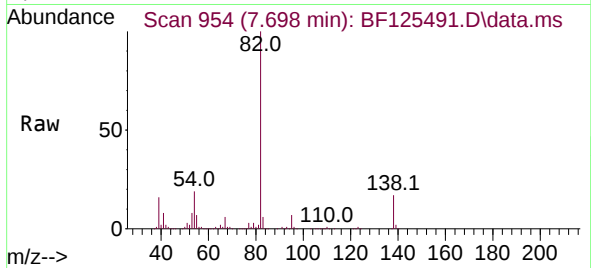




#25
Isophorone
Concen: 37.006 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

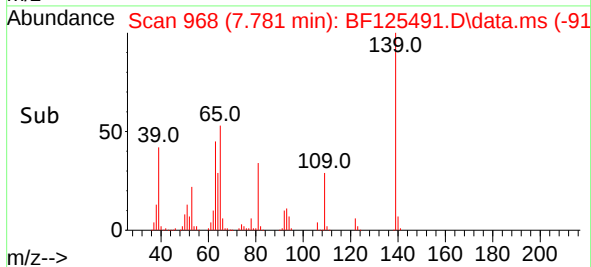
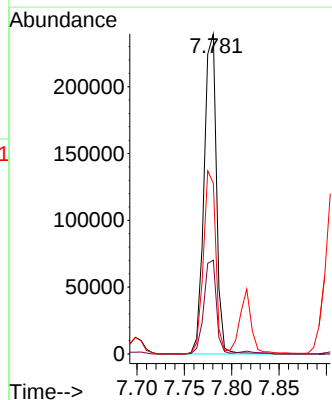
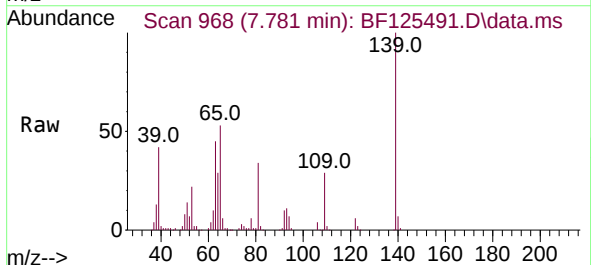
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

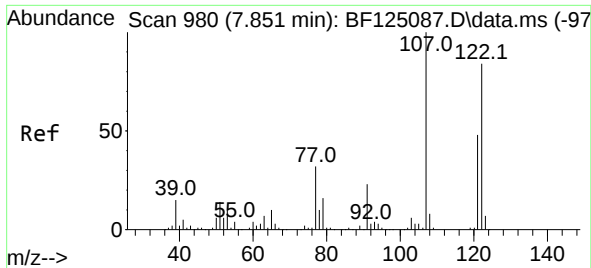
Tgt Ion: 82 Resp: 831126
Ion Ratio Lower Upper
82 100
95 7.2 6.5 9.7
138 16.7 18.4 27.6#



#26
2-Nitrophenol
Concen: 42.957 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:139 Resp: 217600
Ion Ratio Lower Upper
139 100
109 29.3 26.0 39.0
65 53.4 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 40.271 ng

RT: 7.816 min Scan# 974

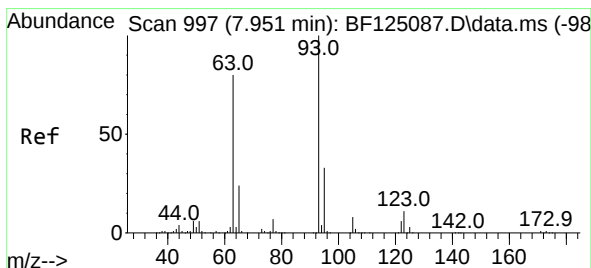
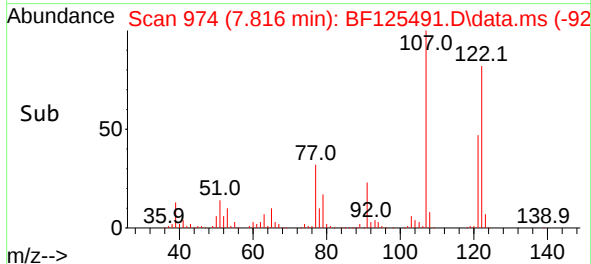
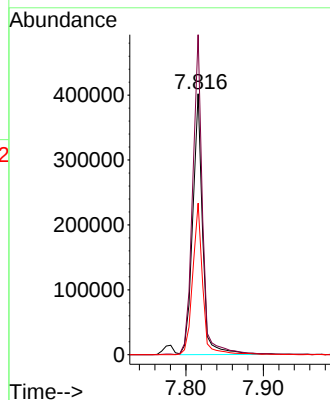
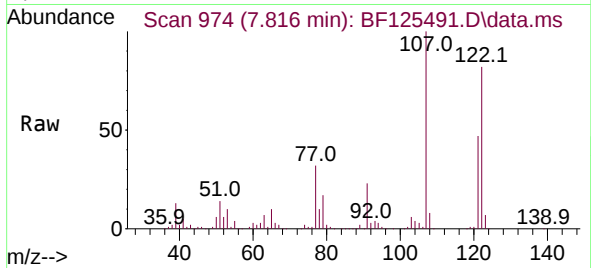
Delta R.T. -0.000 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

Tgt Ion:	122	Resp:	357124
Ion	Ratio	Lower	Upper
122	100		
107	122.6	85.0	127.6
121	58.1	43.3	64.9

Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD



#28

bis(2-Chloroethoxy)methane

Concen: 41.866 ng

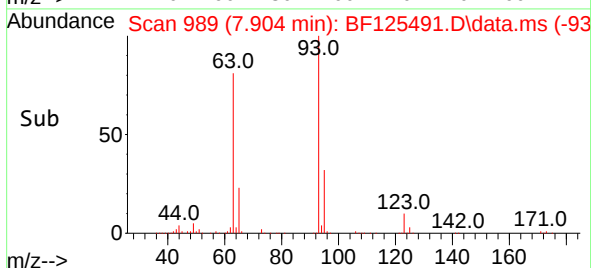
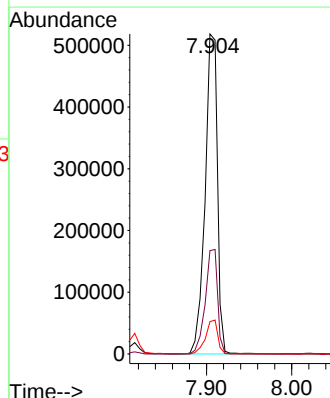
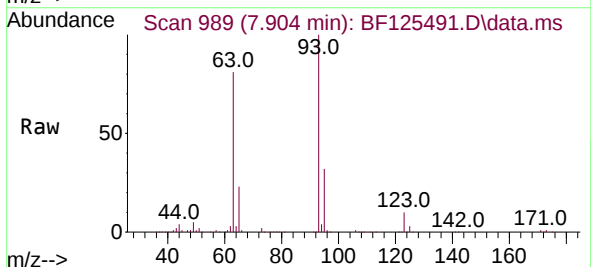
RT: 7.904 min Scan# 989

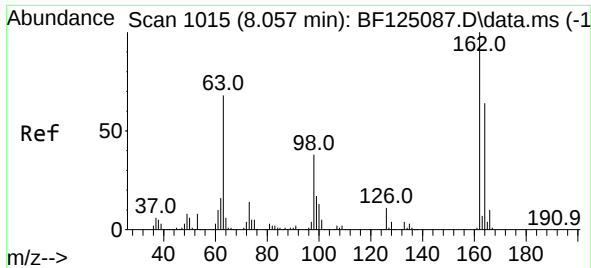
Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

Tgt Ion:	93	Resp:	520623
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	10.1	11.7	17.5#

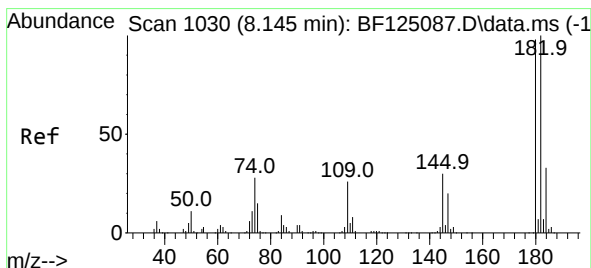
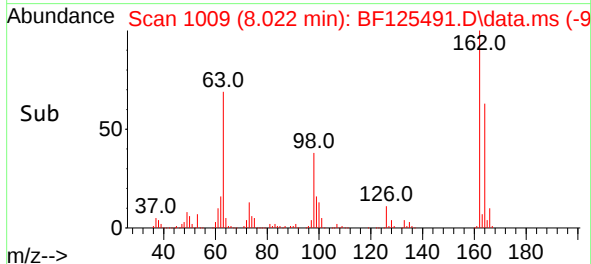
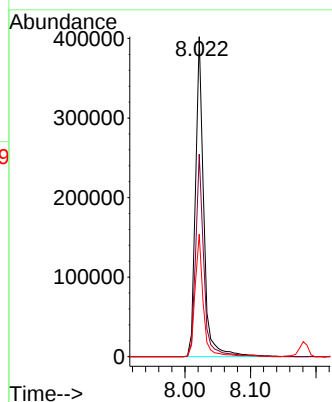
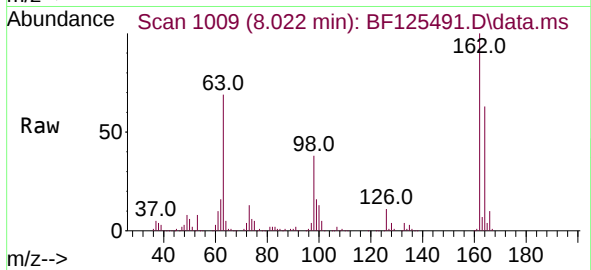




#29
2,4-Dichlorophenol
Concen: 39.121 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

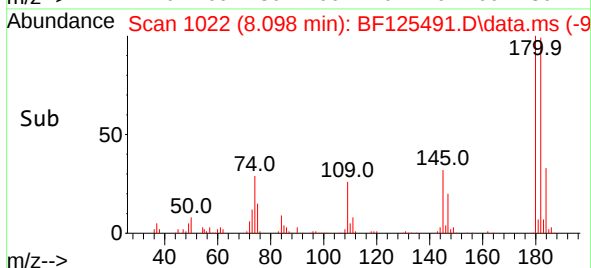
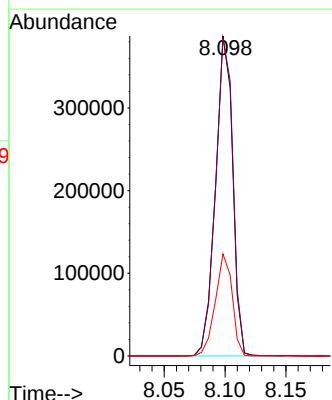
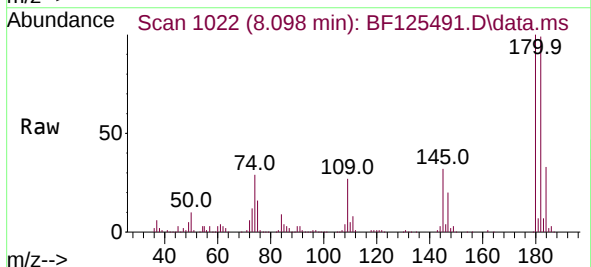
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

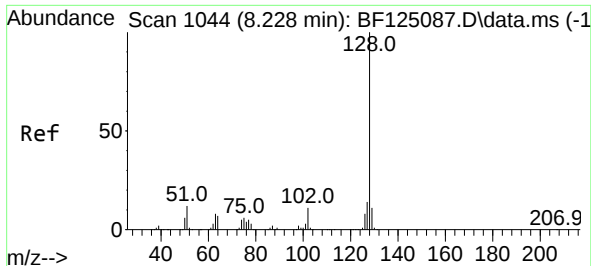
Tgt Ion:162 Resp: 353810
Ion Ratio Lower Upper
162 100
164 63.3 44.5 84.5
98 38.2 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 38.500 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:180 Resp: 379694
Ion Ratio Lower Upper
180 100
182 99.4 76.8 115.2
145 31.9 26.7 40.1

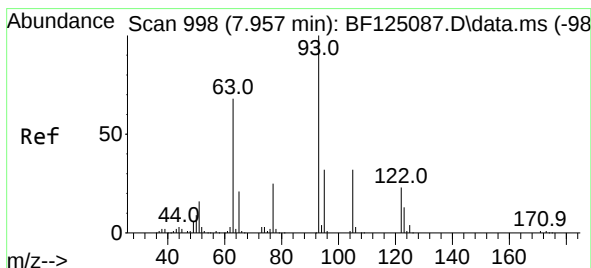
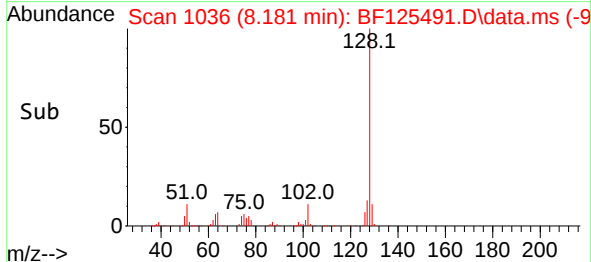
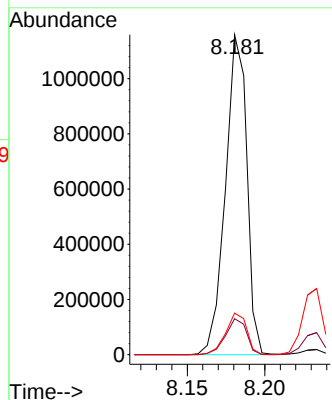
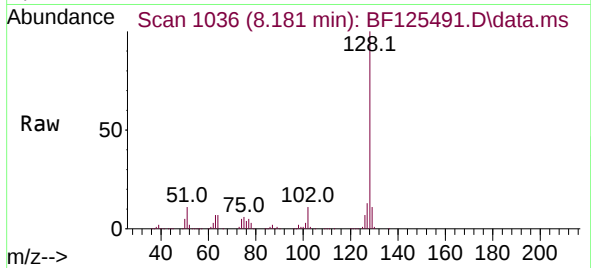




#31
Naphthalene
Concen: 37.107 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

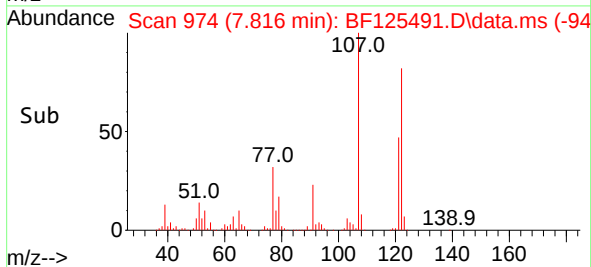
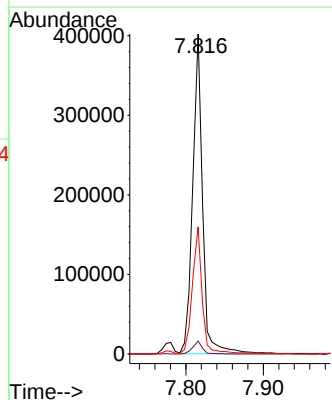
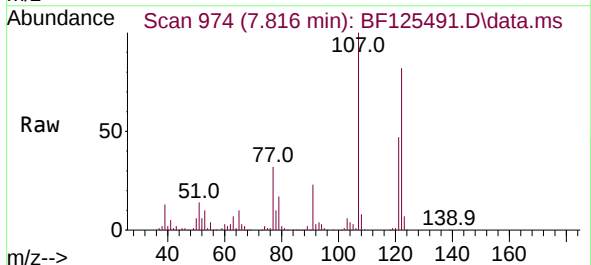
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WQ-SOILPILEMSD

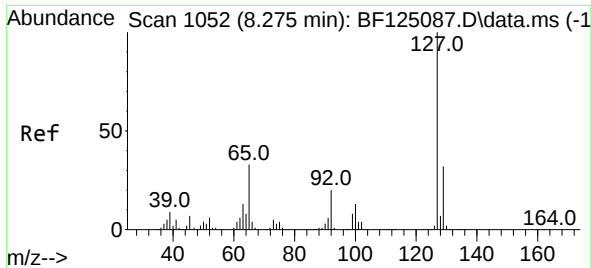
Tgt Ion:128 Resp: 1113871
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 59.333 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.147 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:122 Resp: 357124
Ion Ratio Lower Upper
122 100
105 4.0 97.6 137.6#
77 39.7 59.6 99.6#

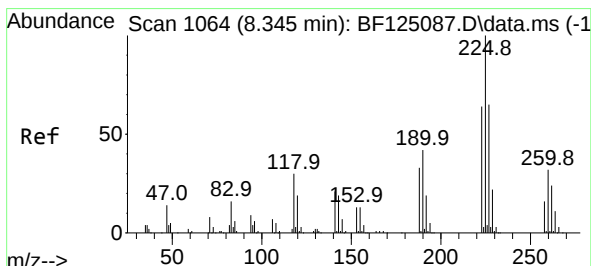
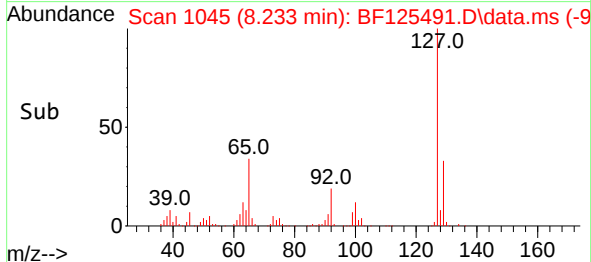
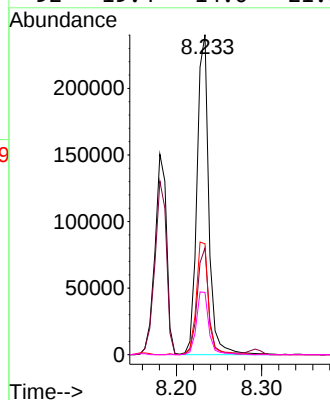
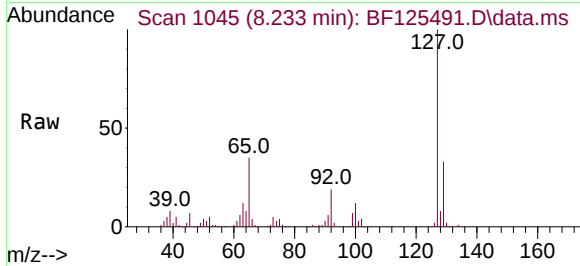




#33
4-Chloroaniline
Concen: 19.621 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

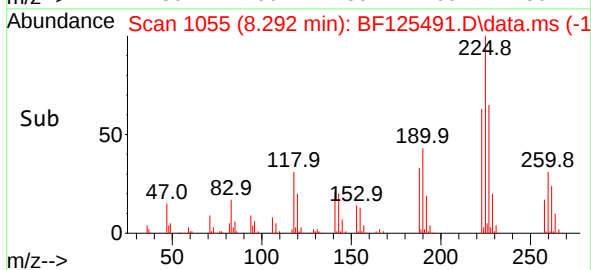
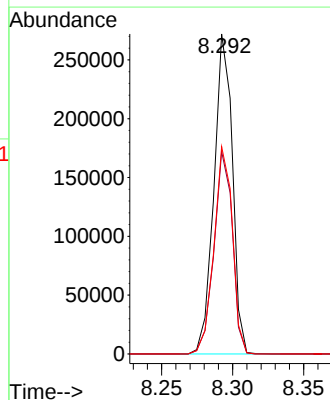
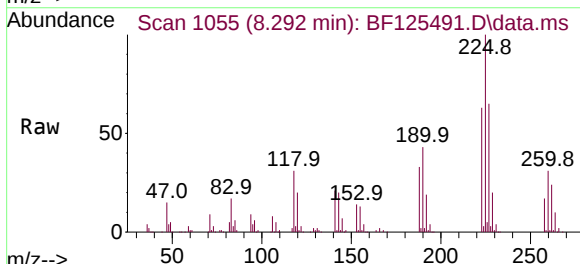
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ClientSampleId :
WQ-SOILPILEMSD

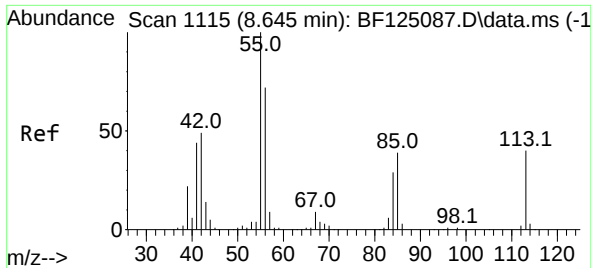
Tgt Ion:	127	Resp:	232188
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.7	38.5
65	34.6	21.2	31.8#
92	19.4	14.0	21.0



#34
Hexachlorobutadiene
Concen: 38.900 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:	225	Resp:	244623
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.8	50.6	75.8

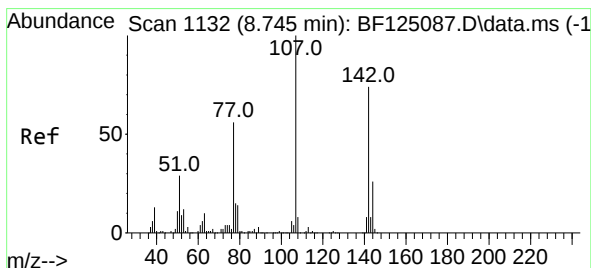
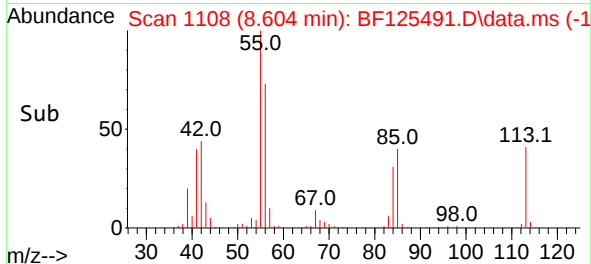
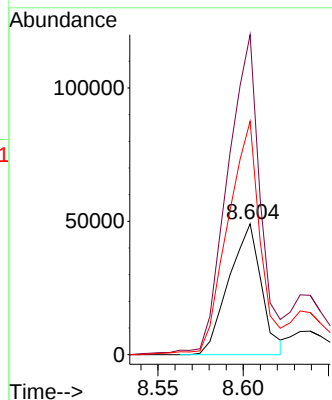
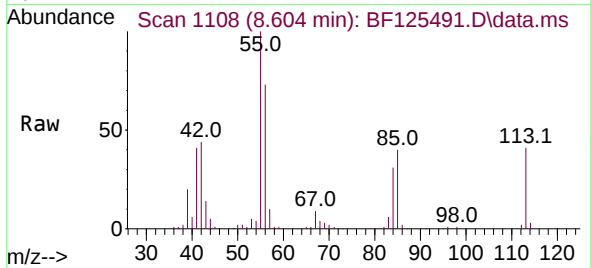




#35
 Caprolactam
 Concen: 27.767 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. -0.018 min
 Lab File: BF125491.D
 Acq: 15 Sep 2021 00:24

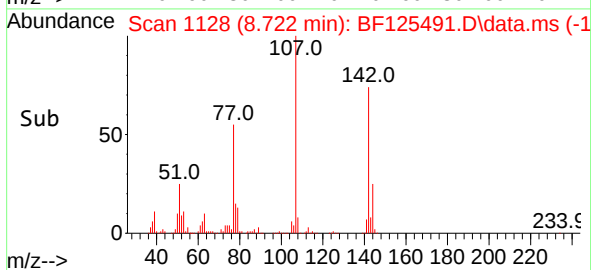
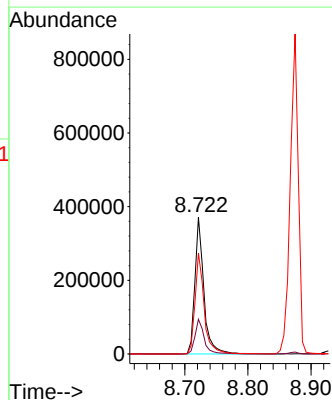
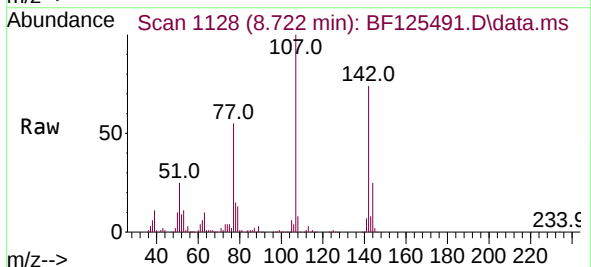
Instrument :
 BNA_F
 ClientSampleId :
 WQ-SOILPILEMSD

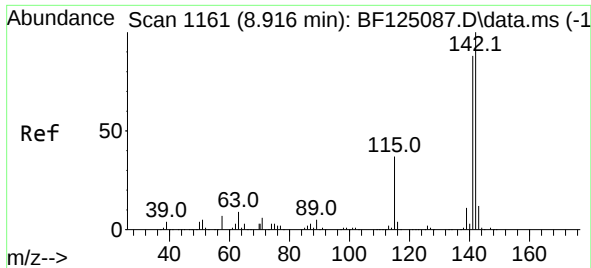
Tgt Ion:113 Resp: 65045
 Ion Ratio Lower Upper
 113 100
 55 244.3 154.1 194.1#
 56 178.2 108.7 148.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.983 ng
 RT: 8.722 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: BF125491.D
 Acq: 15 Sep 2021 00:24

Tgt Ion:107 Resp: 369150
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.9 32.9
 142 73.7 67.1 100.7

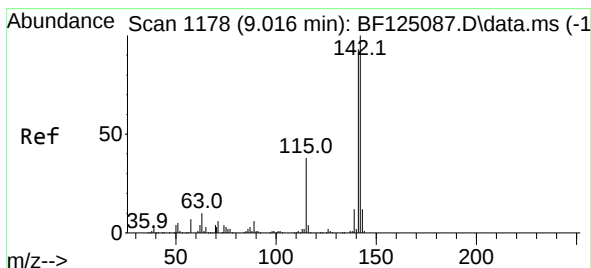
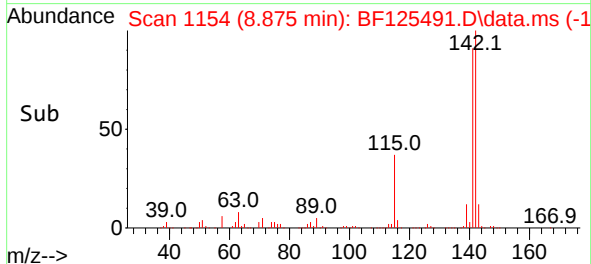
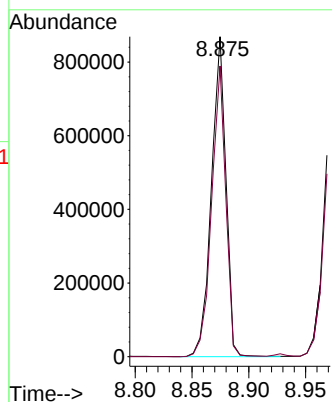
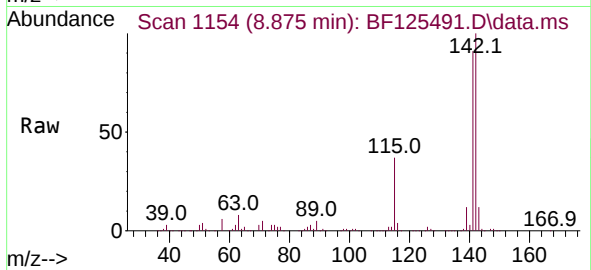




#37
2-Methylnaphthalene
Concen: 38.857 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

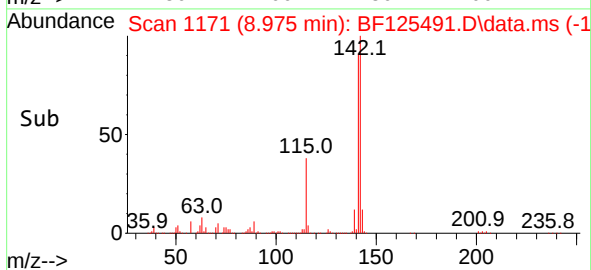
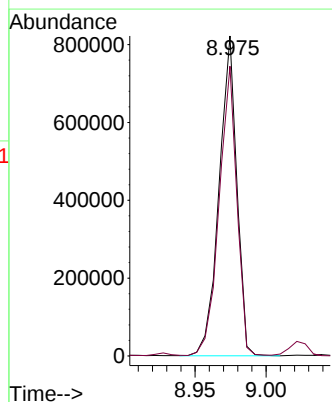
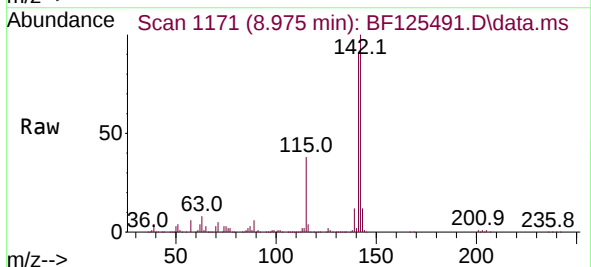
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

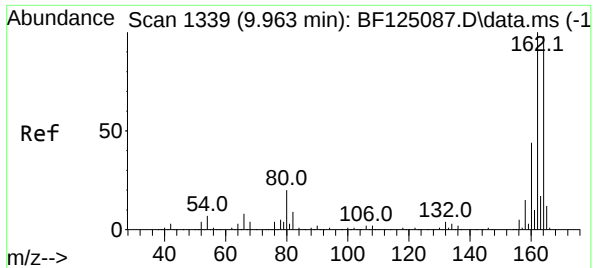
Tgt Ion:142 Resp: 770762
Ion Ratio Lower Upper
142 100
141 90.9 71.2 106.8



#38
1-Methylnaphthalene
Concen: 38.415 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:142 Resp: 711567
Ion Ratio Lower Upper
142 100
141 90.6 76.0 114.0

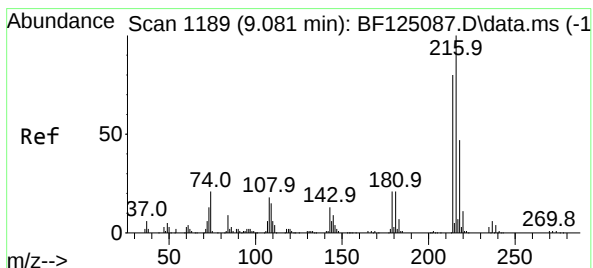
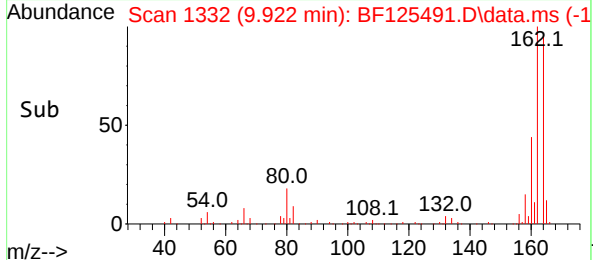
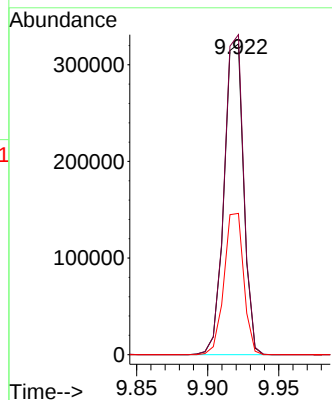
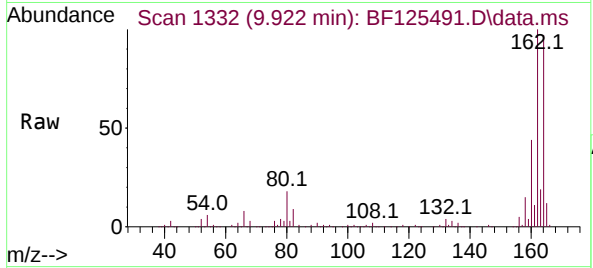




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

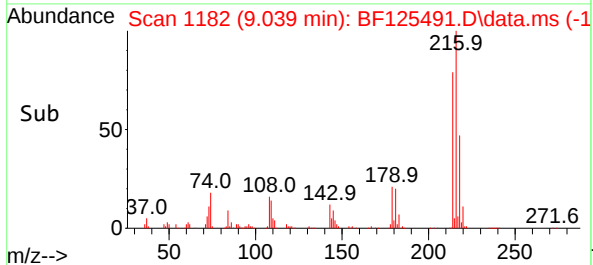
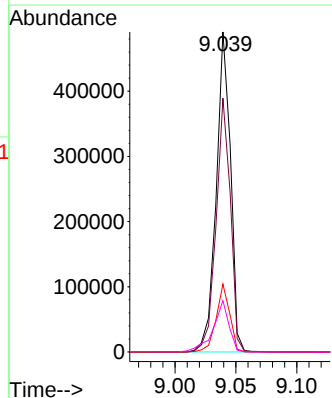
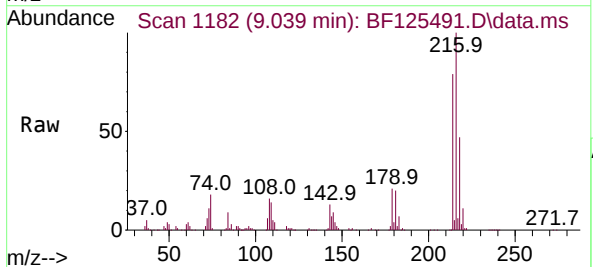
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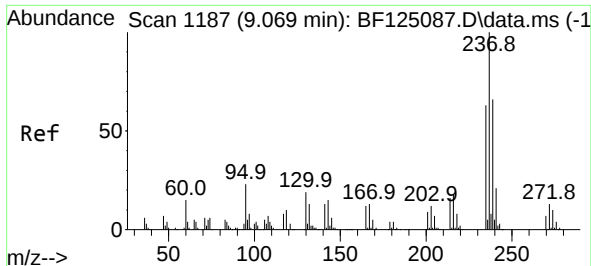
Tgt Ion:164 Resp: 308476
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.5 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.689 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:216 Resp: 400000
Ion Ratio Lower Upper
216 100
214 79.2 64.9 97.3
179 20.1 17.4 26.2
108 17.8 16.5 24.7

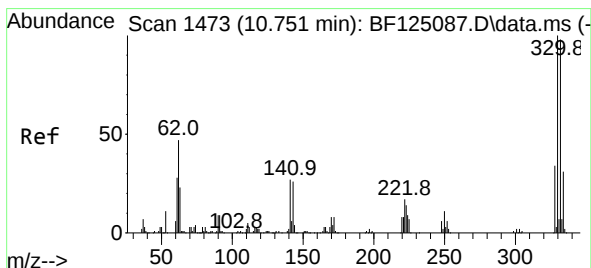
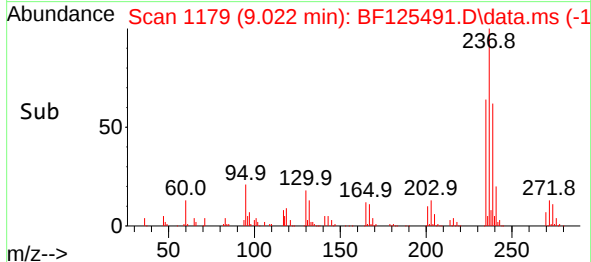
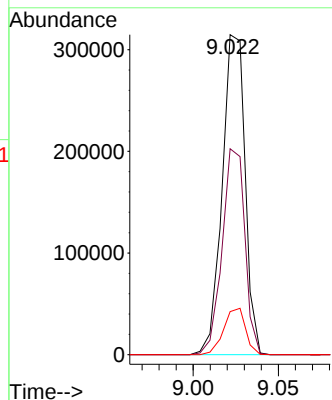
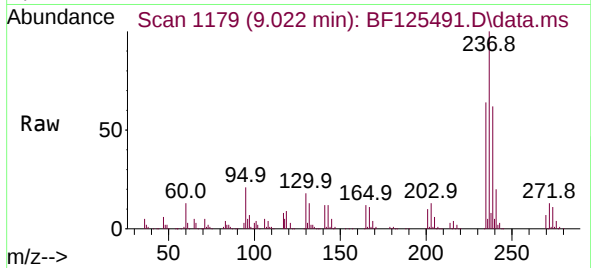




#41
Hexachlorocyclopentadiene
Concen: 55.652 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

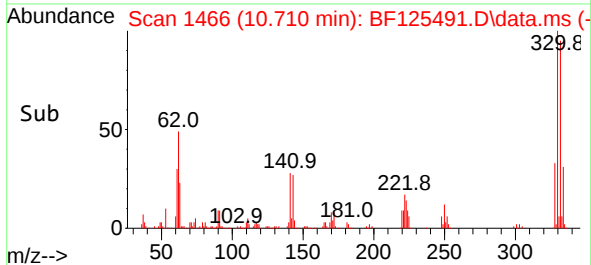
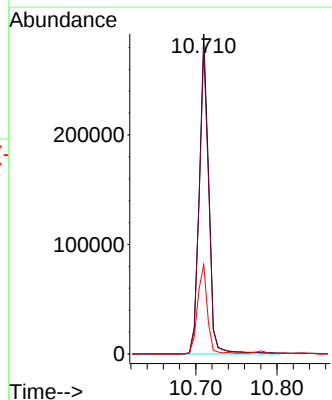
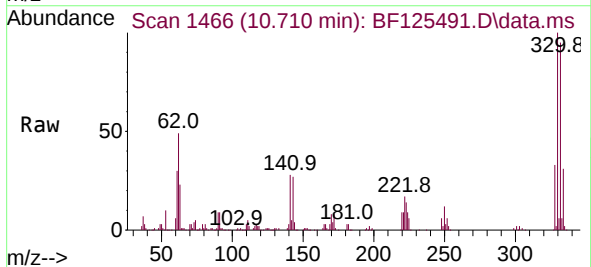
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WQ-SOILPILEMSD

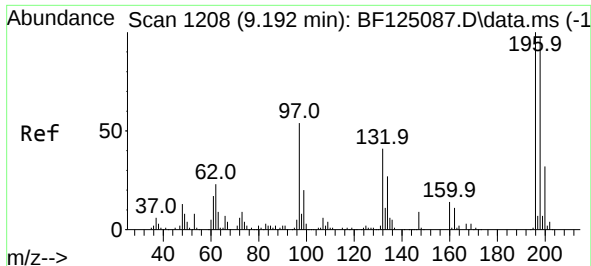
Tgt Ion:237 Resp: 294683
Ion Ratio Lower Upper
237 100
235 64.4 44.7 84.7
272 13.5 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 77.252 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:330 Resp: 237881
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 29.0 44.6 66.8#

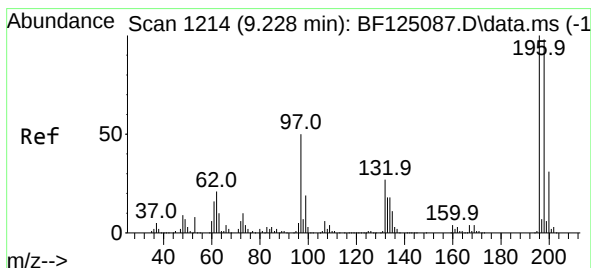
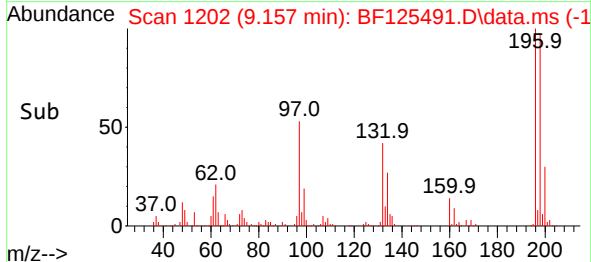
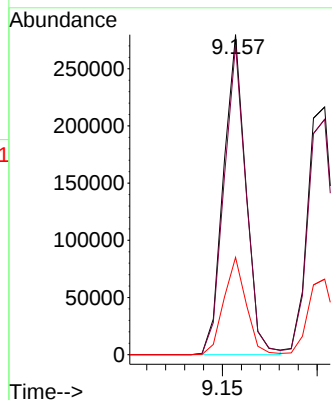
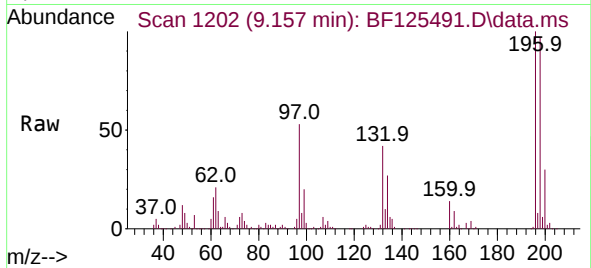




#43
2,4,6-Trichlorophenol
Concen: 32.387 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

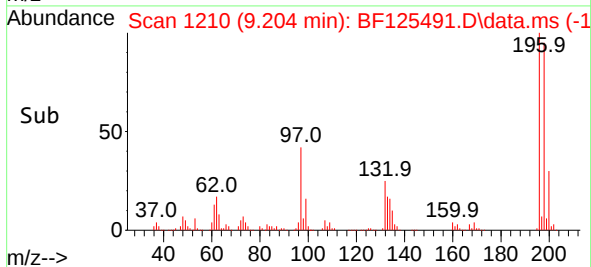
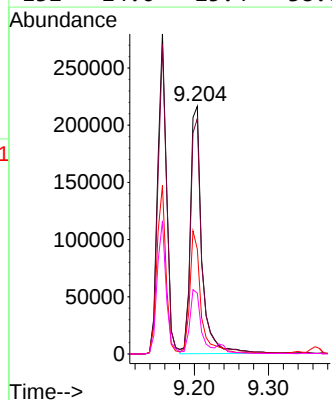
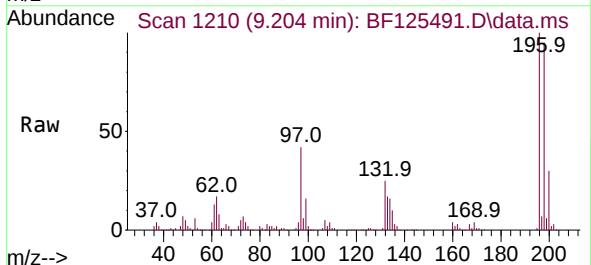
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

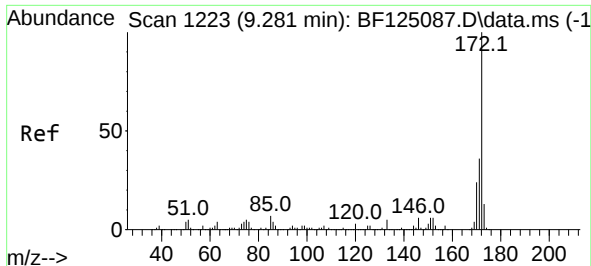
Tgt Ion:196 Resp: 229832
Ion Ratio Lower Upper
196 100
198 96.9 74.9 112.3
200 30.4 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 31.225 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:196 Resp: 233126
Ion Ratio Lower Upper
196 100
198 95.1 80.2 120.2
97 42.3 44.0 66.0#
132 24.6 25.4 38.0#





#45

2-Fluorobiphenyl

Concen: 58.505 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMSD

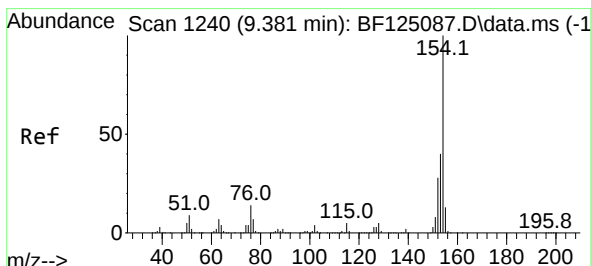
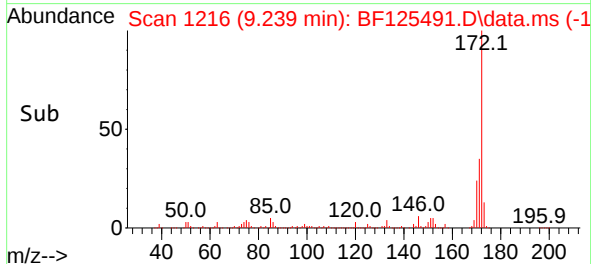
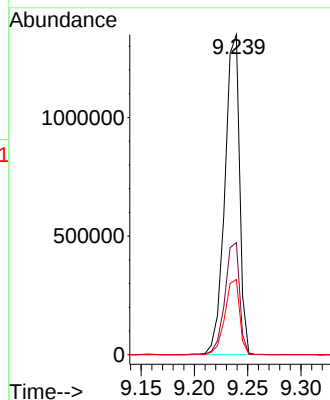
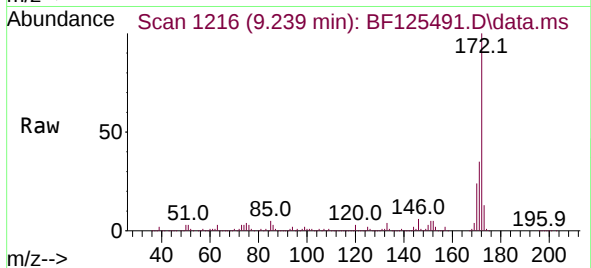
Tgt Ion:172 Resp: 1294906

Ion Ratio Lower Upper

172 100

171 35.0 26.5 39.7

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 36.018 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

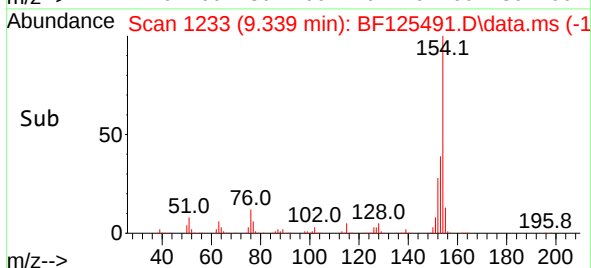
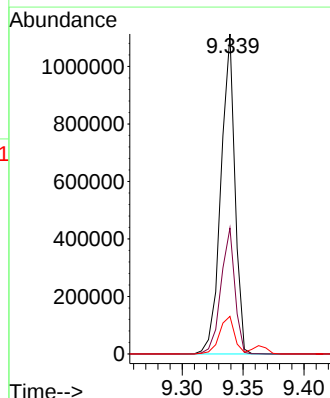
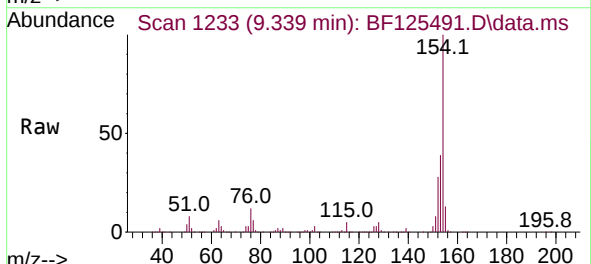
Tgt Ion:154 Resp: 895752

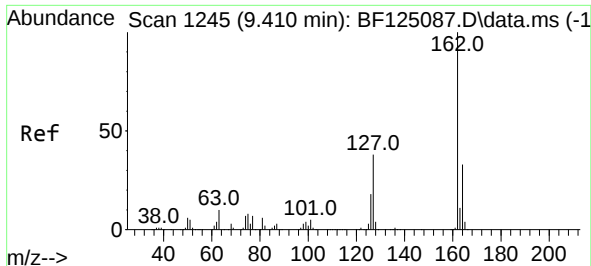
Ion Ratio Lower Upper

154 100

153 39.4 20.0 60.0

76 11.8 0.0 30.3





#47

2-Chloronaphthalene

Concen: 37.129 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

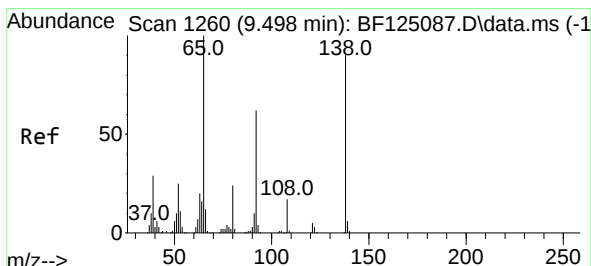
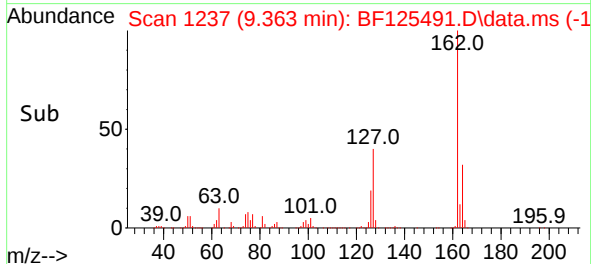
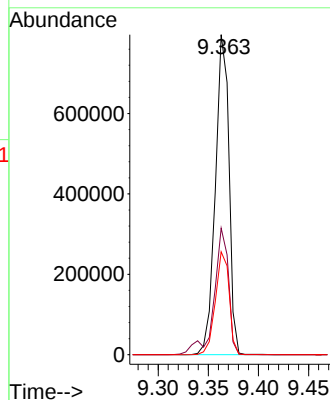
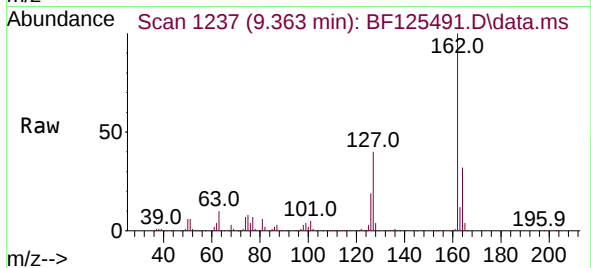
Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMSD

Tgt Ion:	162	Resp:	750377
Ion Ratio	Lower	Upper	
162	100		
127	39.6	33.0	49.4
164	32.1	25.8	38.8



#48

2-Nitroaniline

Concen: 43.595 ng

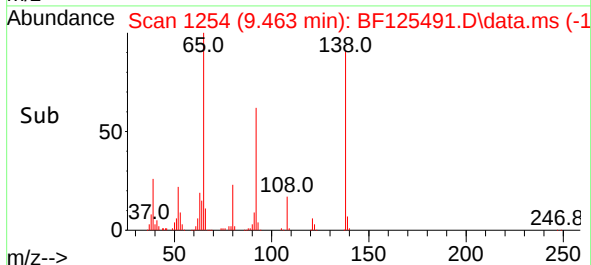
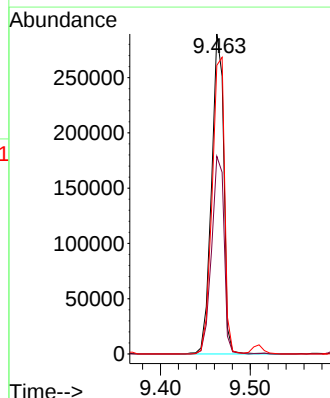
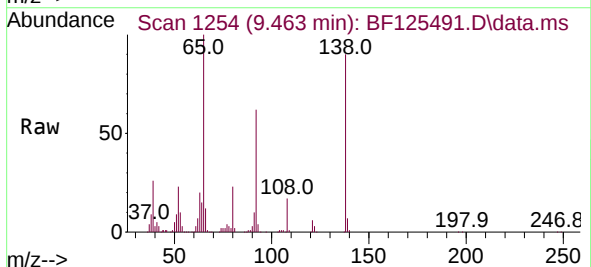
RT: 9.463 min Scan# 1254

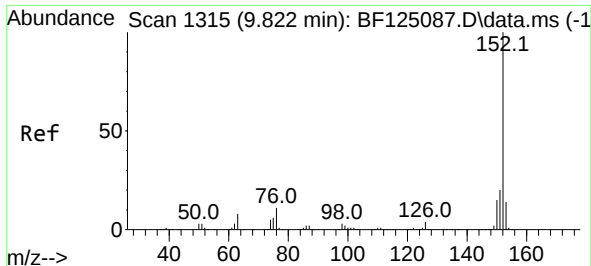
Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

Tgt Ion:	65	Resp:	273112
Ion Ratio	Lower	Upper	
65	100		
92	61.8	55.5	83.3
138	90.2	93.5	140.3#





#49

Acenaphthylene

Concen: 37.989 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMSD

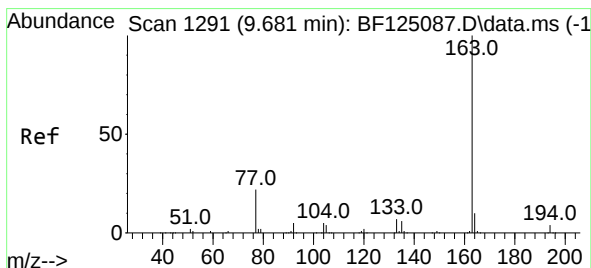
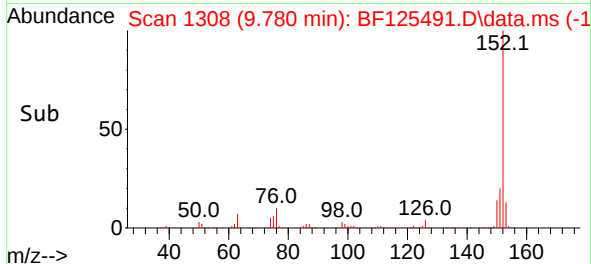
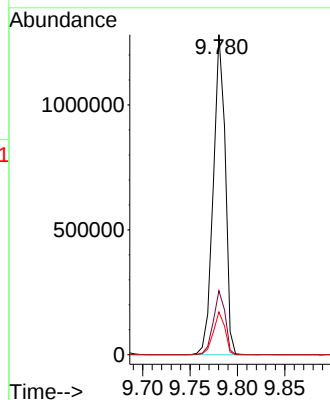
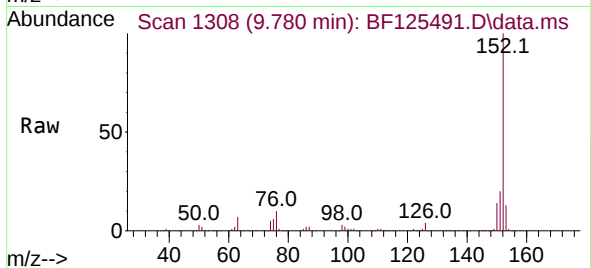
Tgt Ion:152 Resp: 1118755

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.4 9.8 14.8



#50

Dimethylphthalate

Concen: 41.060 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

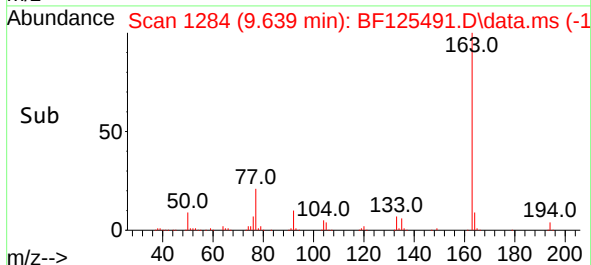
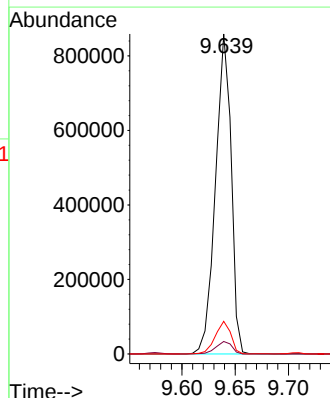
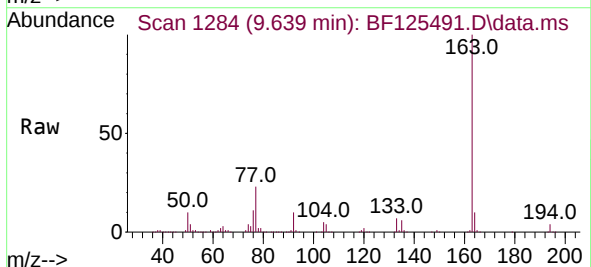
Tgt Ion:163 Resp: 877750

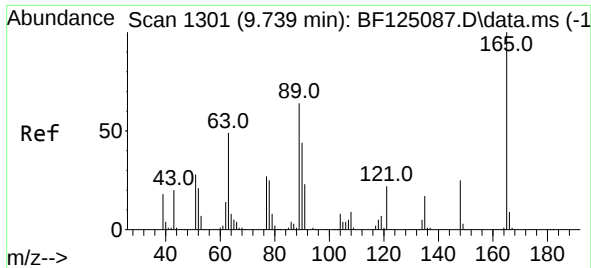
Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 10.2 7.4 11.0

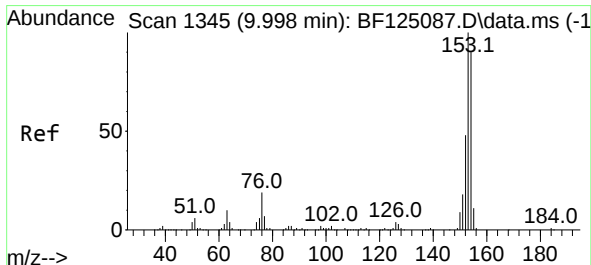
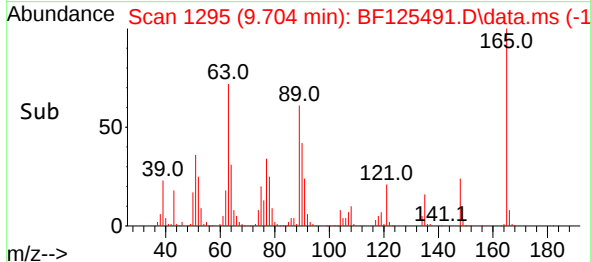
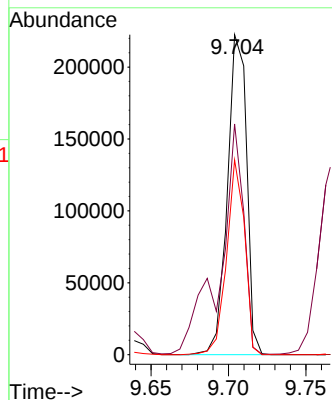
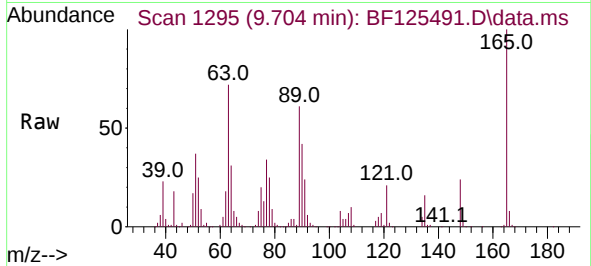




#51
2,6-Dinitrotoluene
Concen: 41.499 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

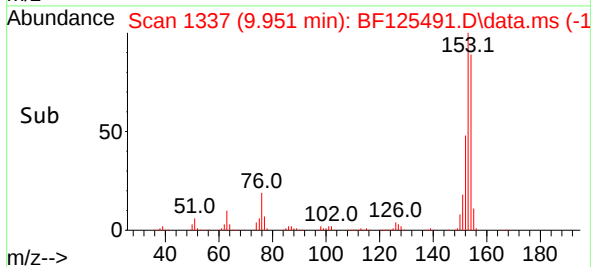
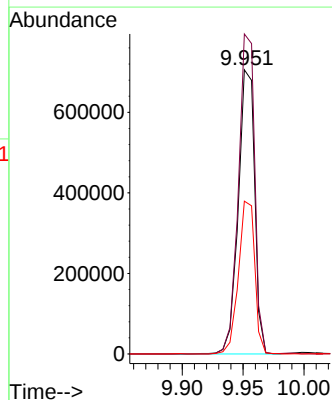
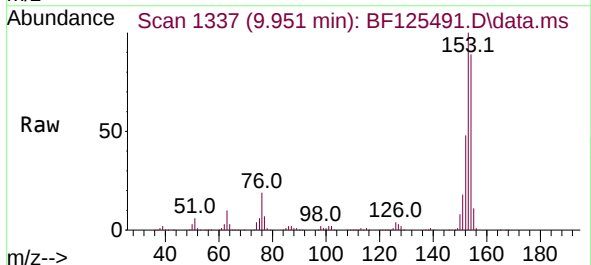
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

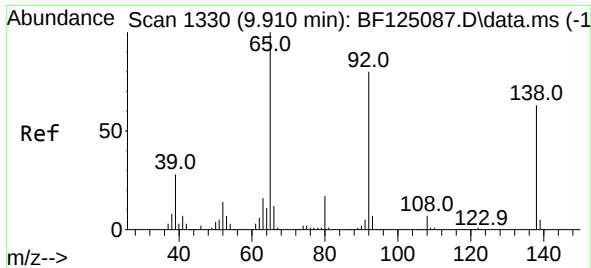
Tgt Ion:165 Resp: 192363
Ion Ratio Lower Upper
165 100
63 72.1 42.6 63.8#
89 60.9 40.6 60.8#



#52
Acenaphthene
Concen: 36.260 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:154 Resp: 661993
Ion Ratio Lower Upper
154 100
153 112.6 89.4 134.2
152 53.8 40.5 60.7

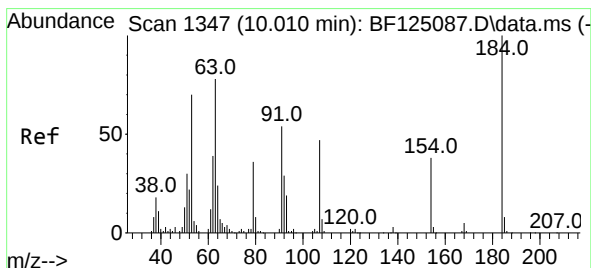
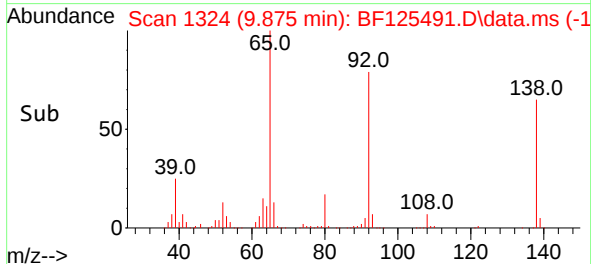
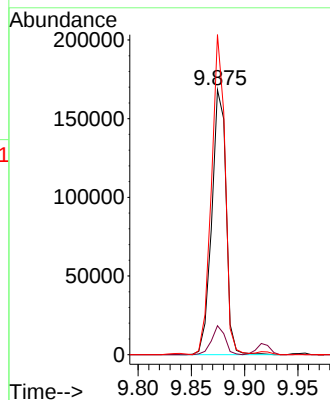
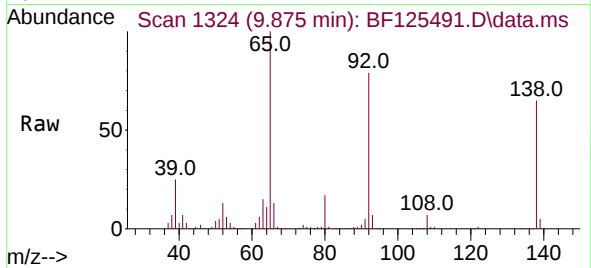




#53
3-Nitroaniline
Concen: 31.434 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

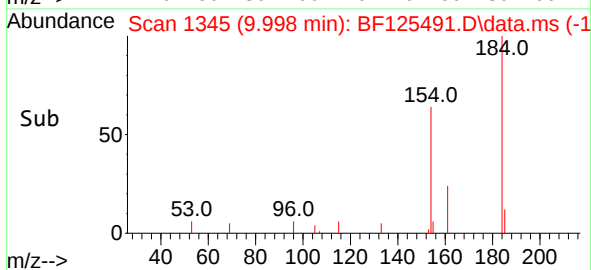
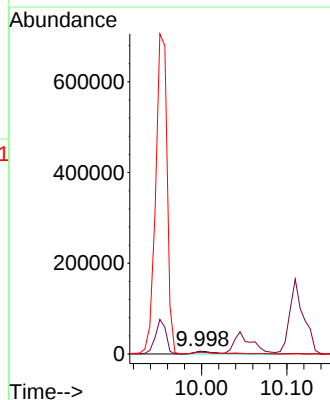
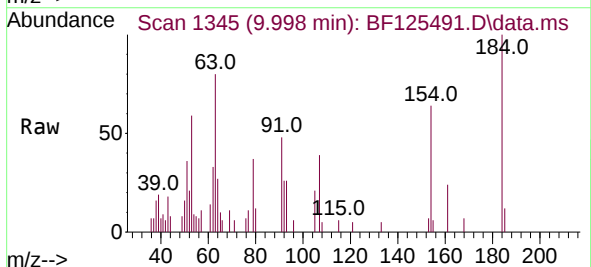
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

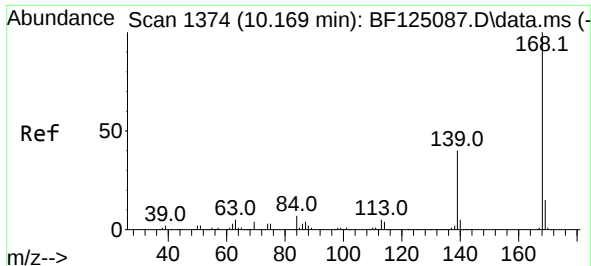
Tgt Ion:138 Resp: 157131
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 120.8 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 6.434 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:184 Resp: 11781
Ion Ratio Lower Upper
184 100
63 79.8 59.3 88.9
154 63.8 68.6 102.8#

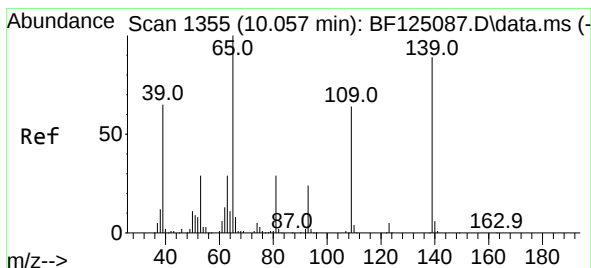
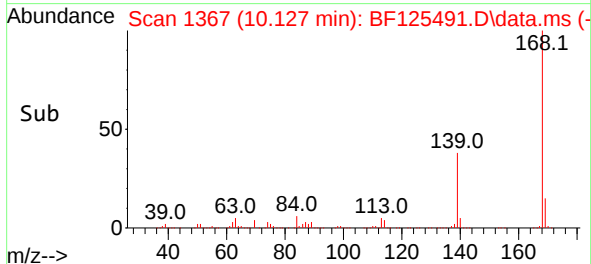
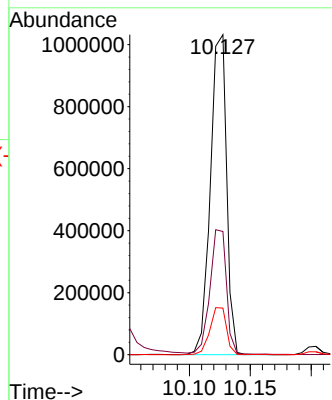
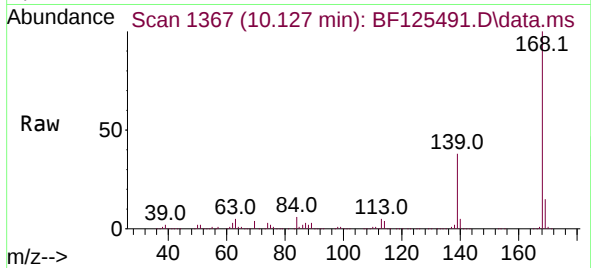




#55
Dibenzofuran
Concen: 36.558 ng
RT: 10.127 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

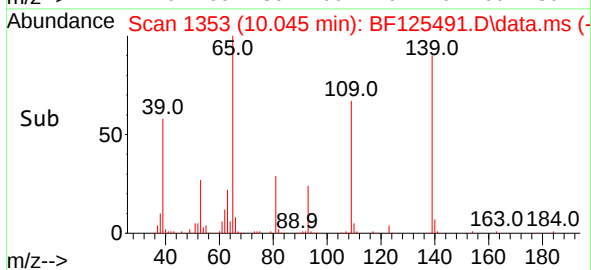
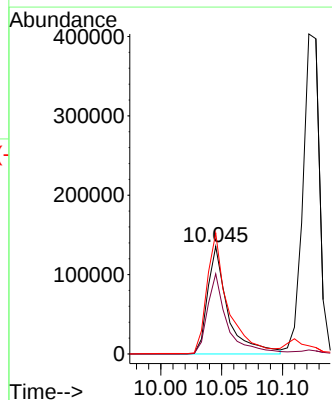
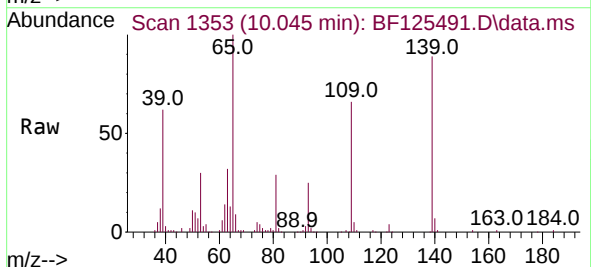
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BNA_F
ClientSampleId :
WQ-SOILPILEMSD

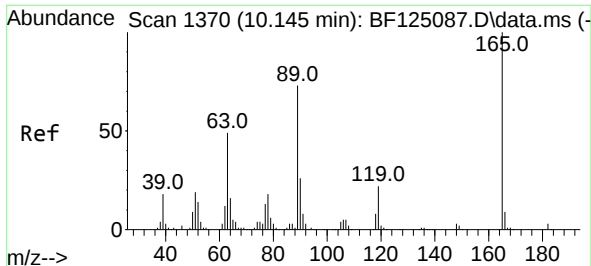
Tgt Ion:168 Resp: 960528
Ion Ratio Lower Upper
168 100
139 38.5 32.7 49.1
169 14.5 11.2 16.8



#56
4-Nitrophenol
Concen: 39.918 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:139 Resp: 158015
Ion Ratio Lower Upper
139 100
109 74.7 60.4 100.4
65 112.5 58.4 98.4#

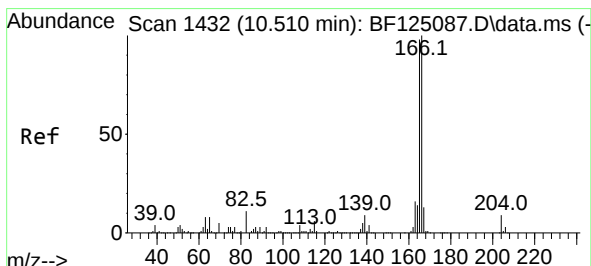
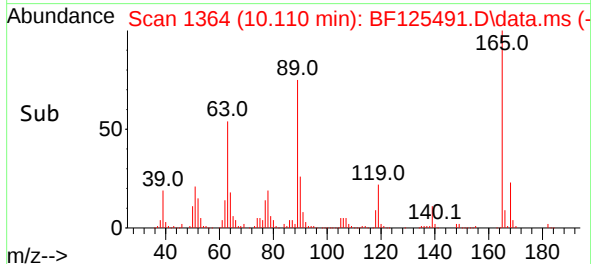
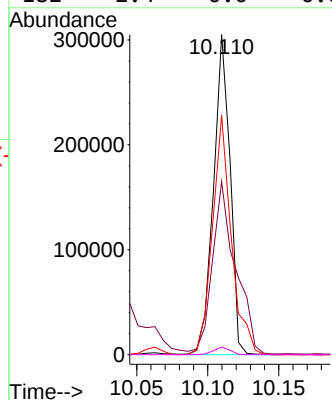
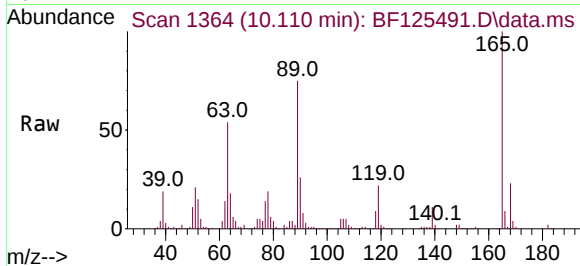




#57
2,4-Dinitrotoluene
Concen: 44.039 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

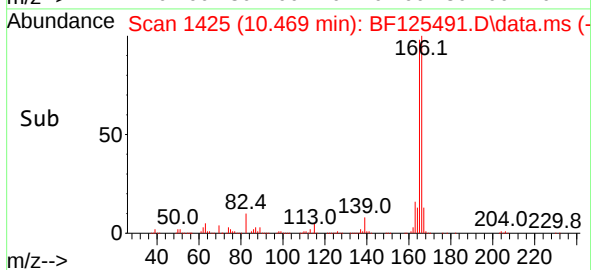
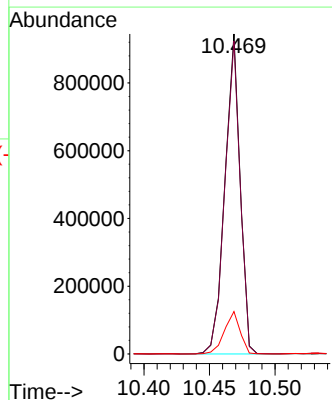
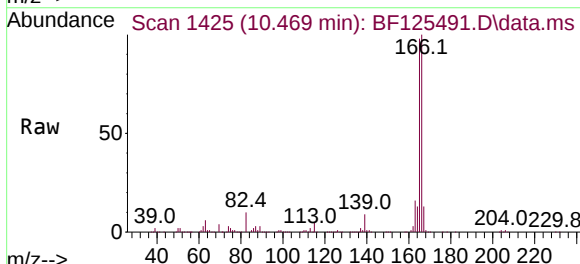
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

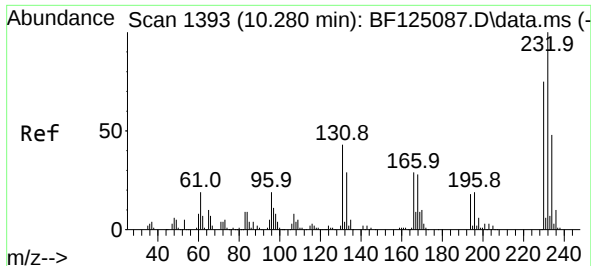
Tgt Ion:165 Resp: 247064
Ion Ratio Lower Upper
165 100
63 54.1 40.9 61.3
89 74.8 59.7 89.5
182 2.4 0.0 0.0#



#58
Fluorene
Concen: 39.087 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:166 Resp: 759262
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.2 11.1 16.7

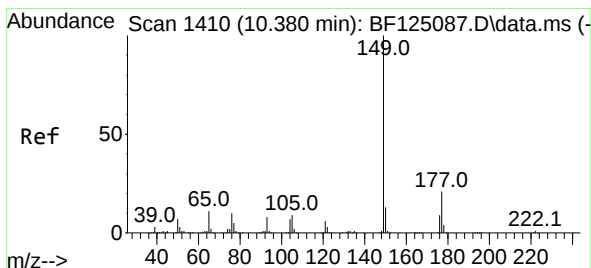
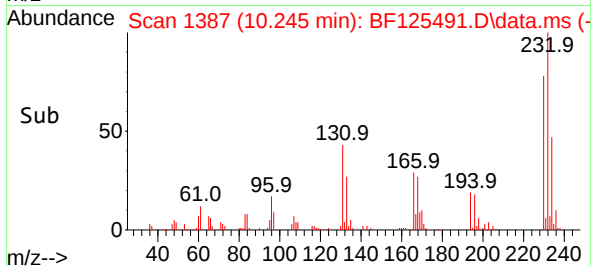
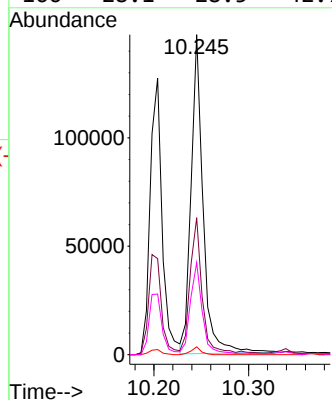
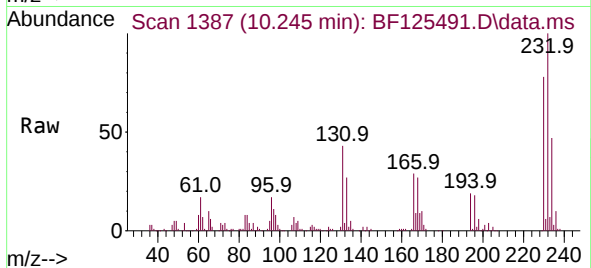




#59
2,3,4,6-Tetrachlorophenol
Concen: 23.523 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

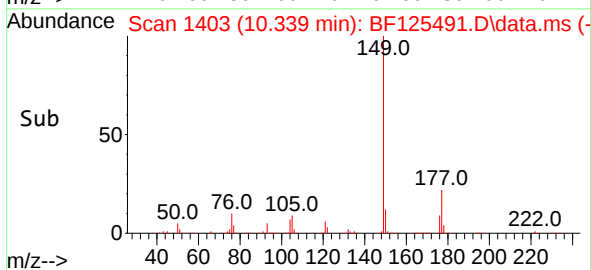
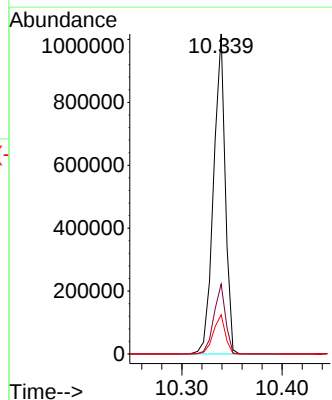
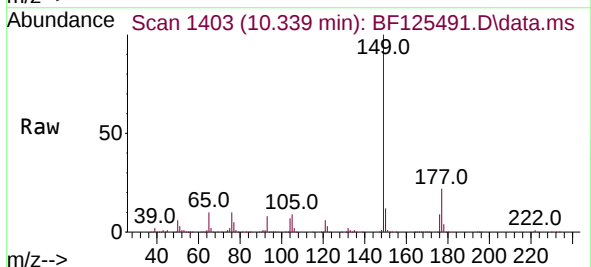
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

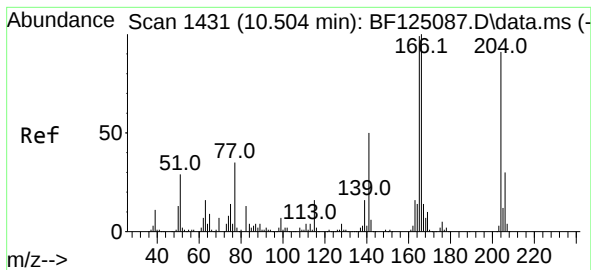
Tgt Ion:232 Resp: 130332
Ion Ratio Lower Upper
232 100
131 43.8 45.4 68.0#
130 2.0 0.0 0.0#
166 28.1 28.5 42.7#



#60
Diethylphthalate
Concen: 39.587 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:149 Resp: 825007
Ion Ratio Lower Upper
149 100
177 21.8 16.5 24.7
150 12.2 10.1 15.1

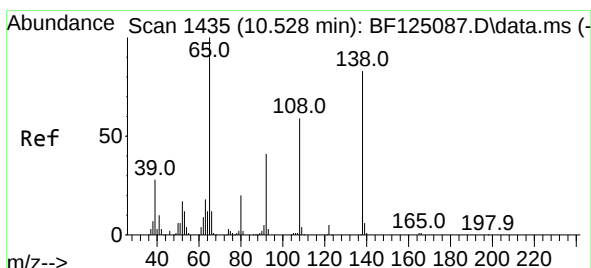
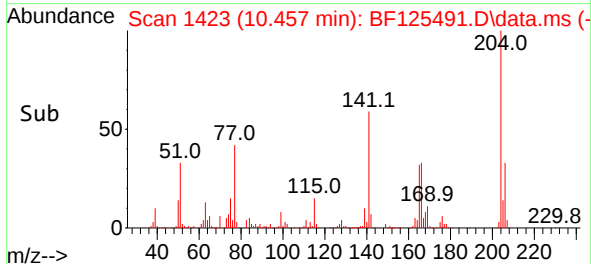
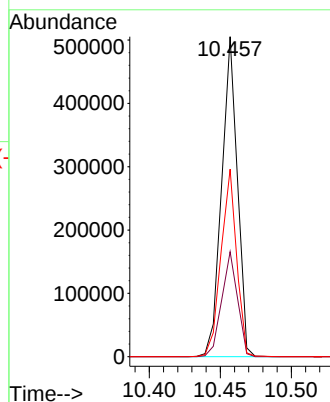
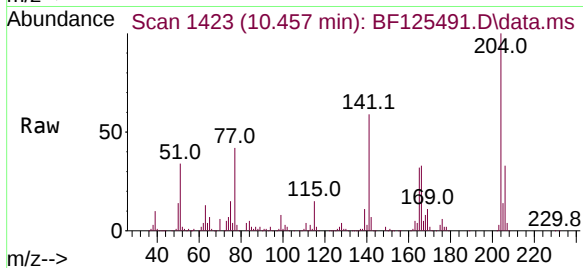




#61
4-Chlorophenyl-phenylether
Concen: 39.549 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

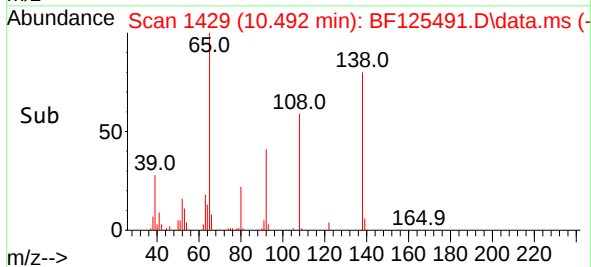
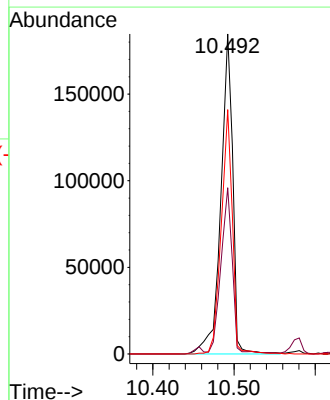
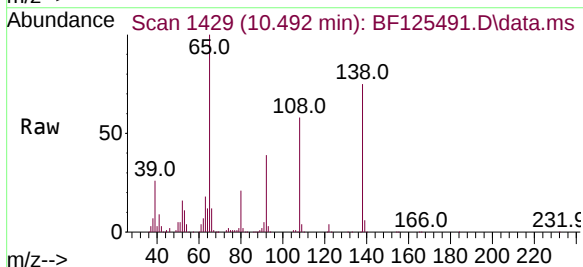
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

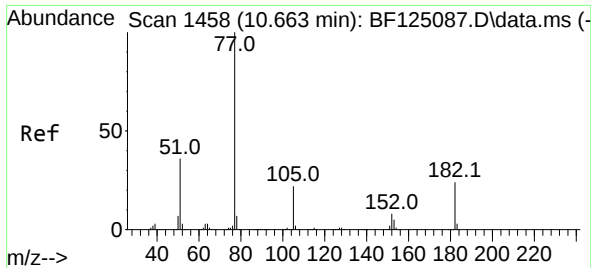
Tgt Ion:204 Resp: 388424
Ion Ratio Lower Upper
204 100
206 32.8 27.6 41.4
141 58.6 58.6 88.0#



#62
4-Nitroaniline
Concen: 41.946 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:138 Resp: 188549
Ion Ratio Lower Upper
138 100
92 51.9 29.6 69.6
108 76.3 78.1 118.1#

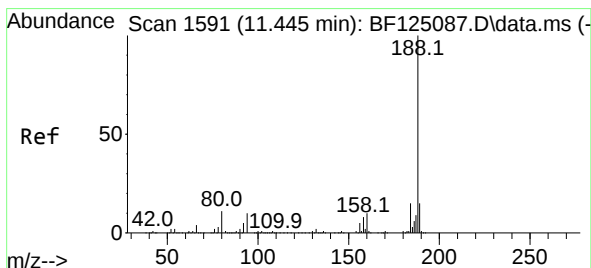
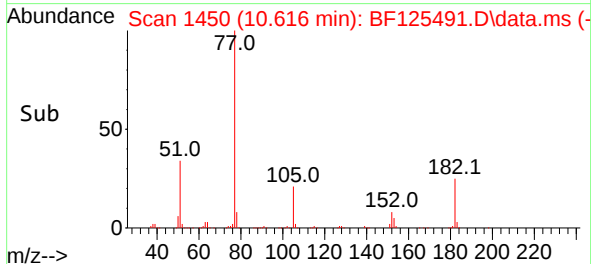
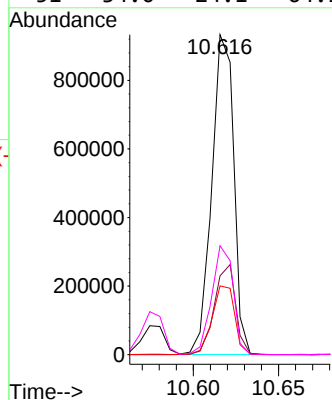
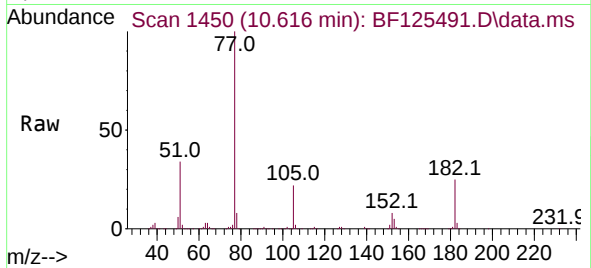




#63
Azobenzene
Concen: 35.712 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

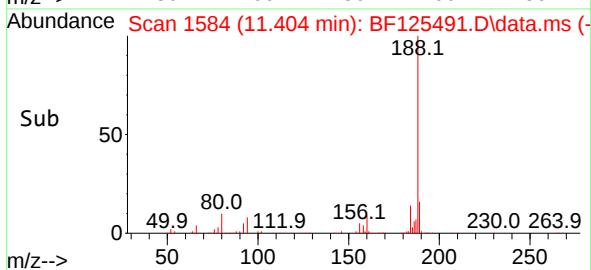
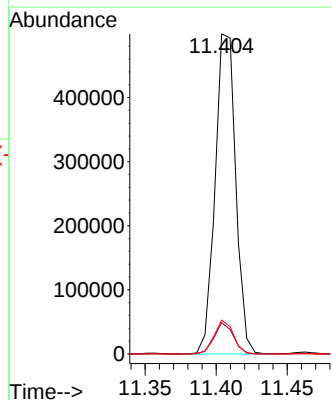
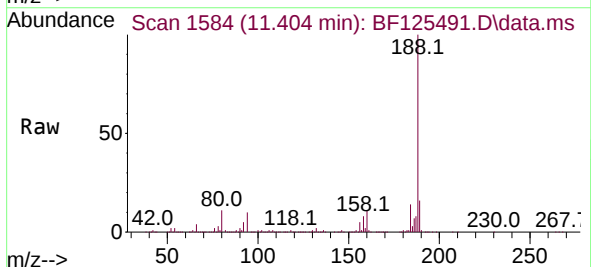
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

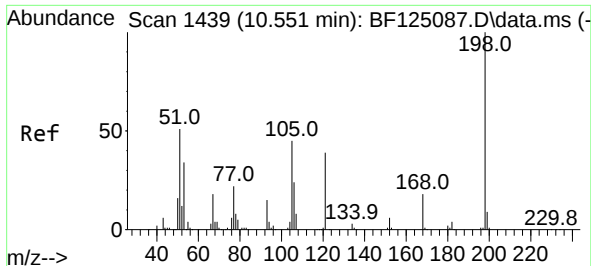
Tgt Ion:	77	Resp:	834785
Ion Ratio	Lower	Upper	
77	100		
182	24.7	6.3	46.3
105	21.5	2.9	42.9
51	34.0	24.1	64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:	188	Resp:	503550
Ion Ratio	Lower	Upper	
188	100		
94	9.8	6.7	10.1
80	10.5	7.5	11.3

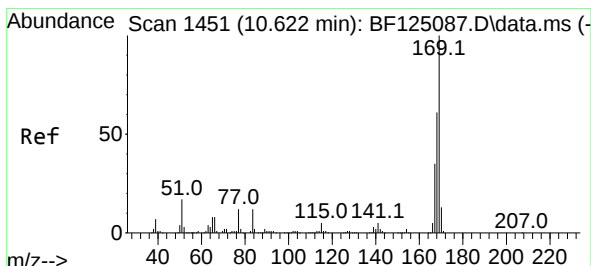
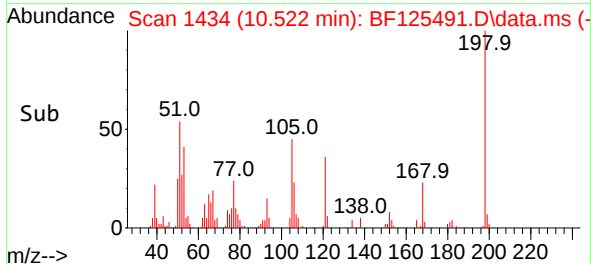
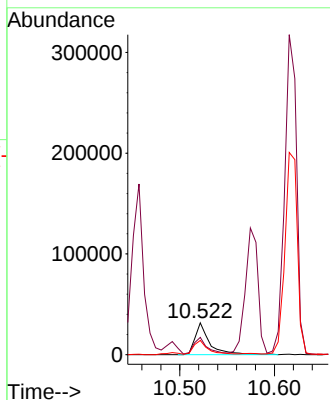
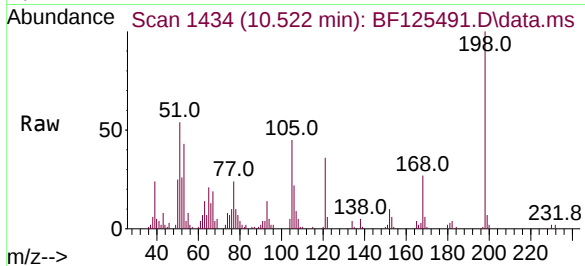




#65
4,6-Dinitro-2-methylphenol
Concen: 12.674 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

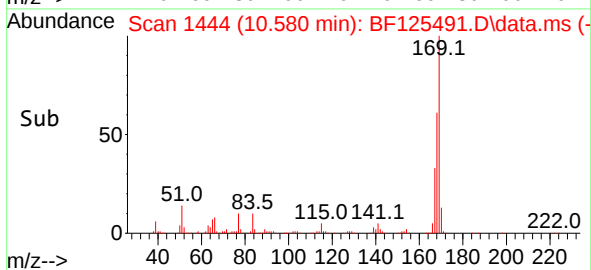
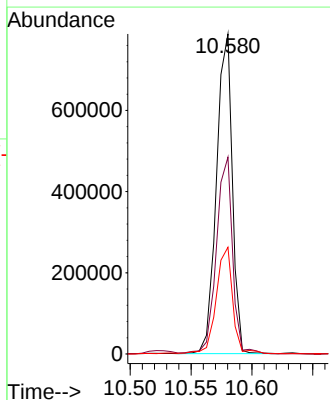
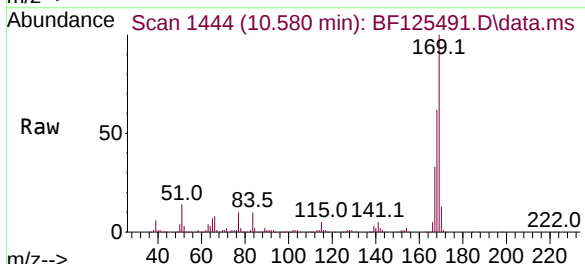
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

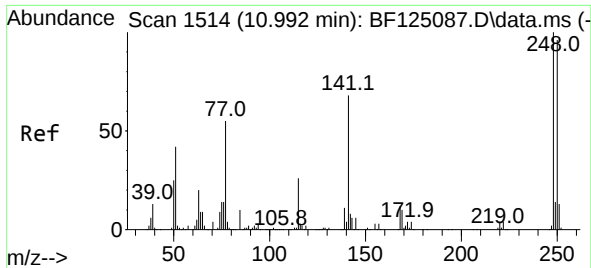
Tgt Ion:198 Resp: 33777
Ion Ratio Lower Upper
198 100
51 54.0 45.3 85.3
105 44.7 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 39.660 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:169 Resp: 715092
Ion Ratio Lower Upper
169 100
168 61.5 50.8 76.2
167 33.3 28.8 43.2

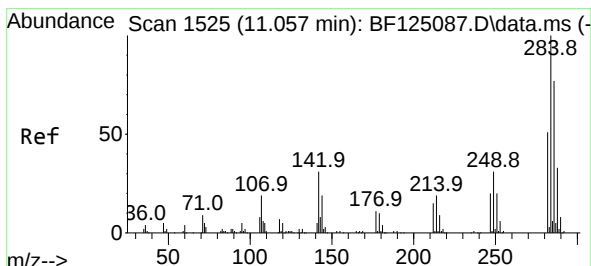
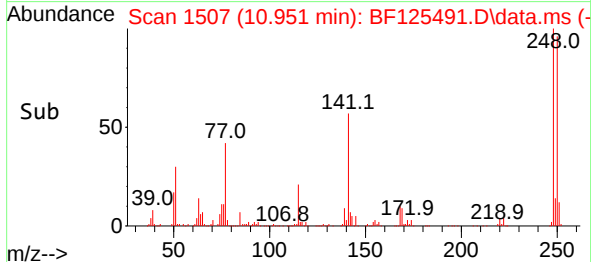
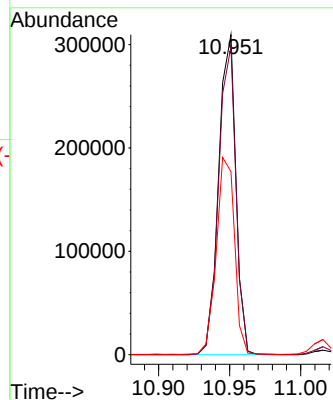
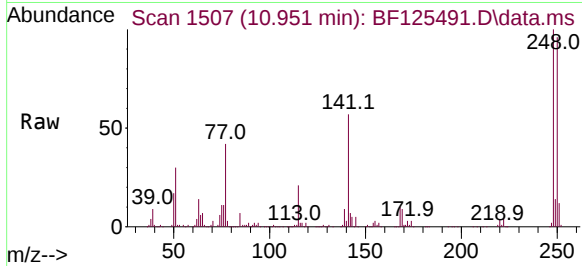




#67
4-Bromophenyl-phenylether
Concen: 43.281 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

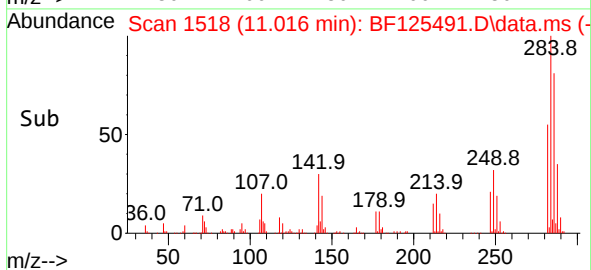
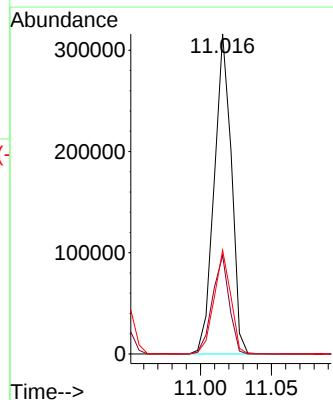
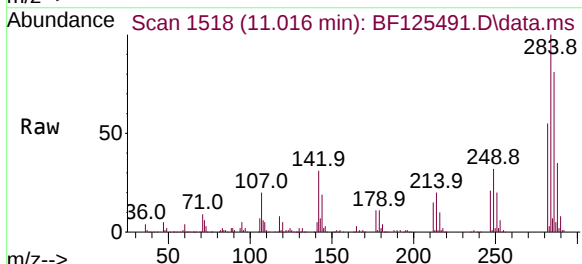
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

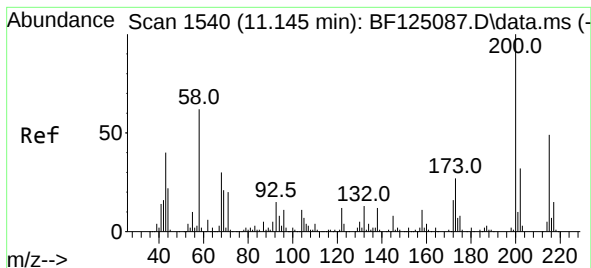
Tgt Ion:248 Resp: 261708
Ion Ratio Lower Upper
248 100
250 96.3 74.2 111.4
141 57.2 60.4 90.6#



#68
Hexachlorobenzene
Concen: 42.715 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:284 Resp: 265708
Ion Ratio Lower Upper
284 100
142 30.8 36.4 54.6#
249 32.5 25.6 38.4





#69

Atrazine

Concen: 42.958 ng

RT: 11.104 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMSD

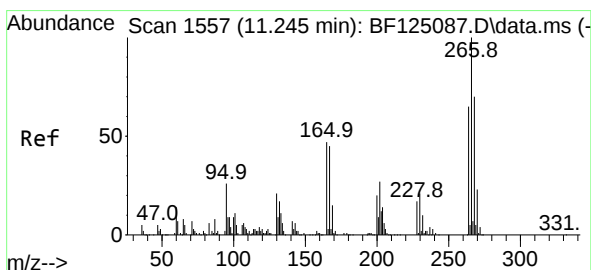
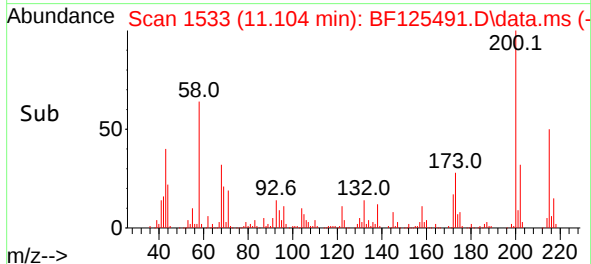
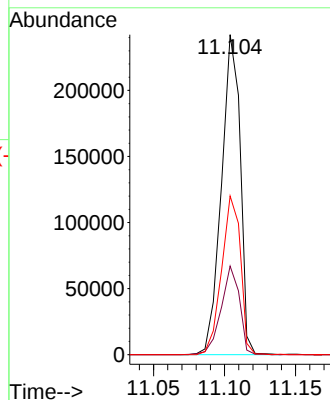
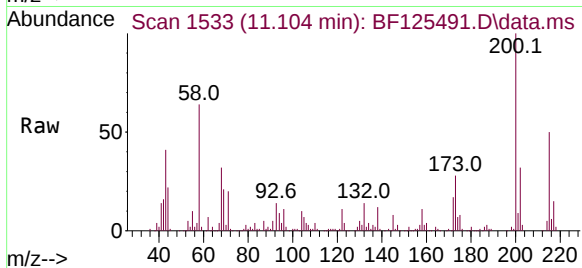
Tgt Ion:200 Resp: 222261

Ion Ratio Lower Upper

200 100

173 27.7 11.1 51.1

215 49.6 22.7 62.7



#70

Pentachlorophenol

Concen: 22.639 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

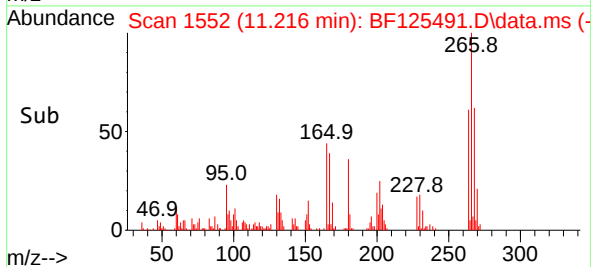
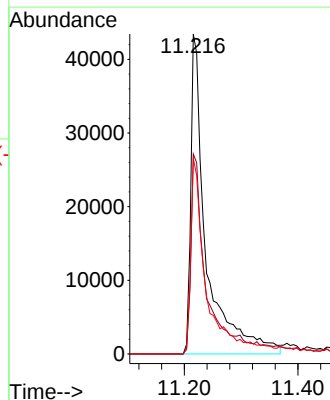
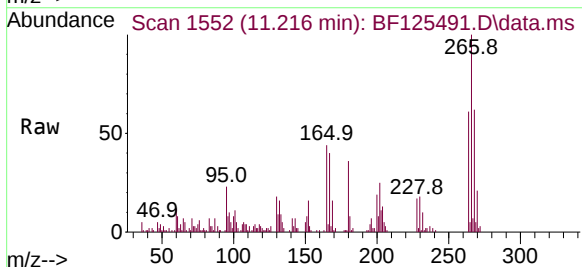
Tgt Ion:266 Resp: 82226

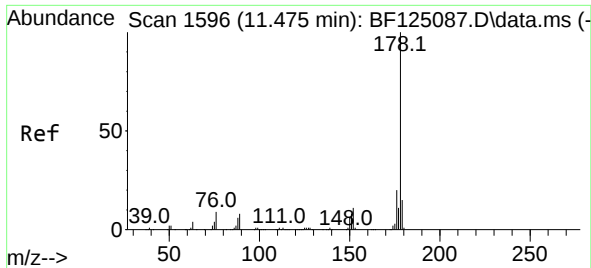
Ion Ratio Lower Upper

266 100

268 62.5 48.9 73.3

264 61.1 55.9 83.9

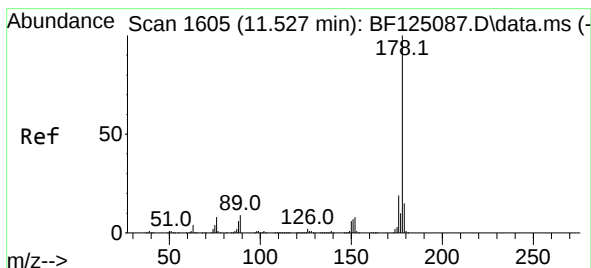
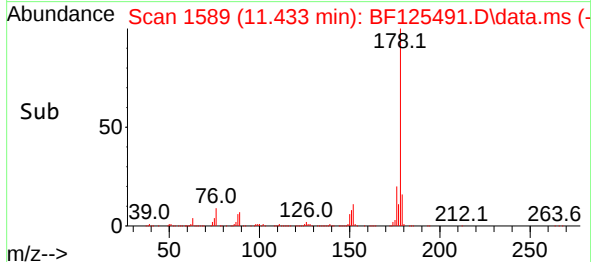
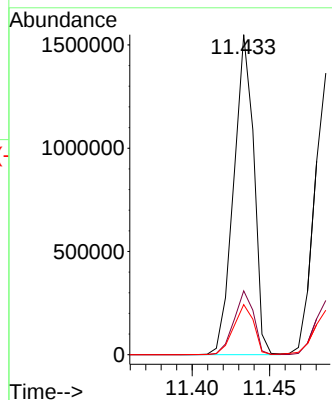
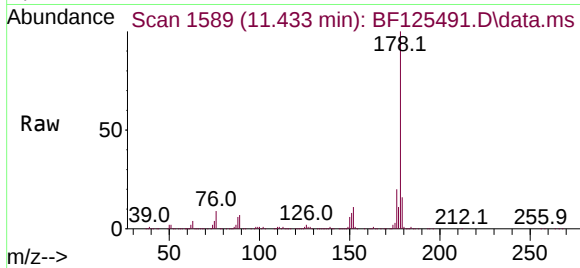




#71
Phenanthrene
Concen: 50.315 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

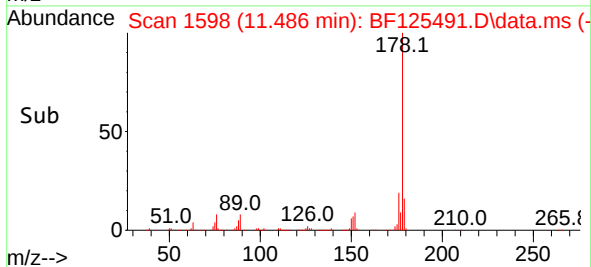
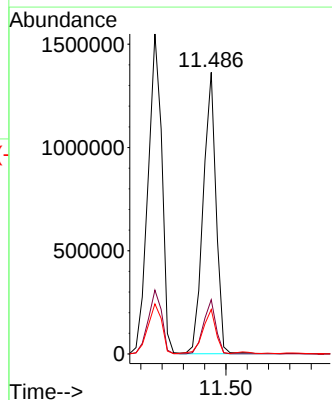
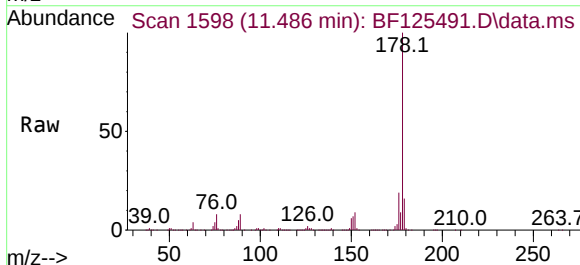
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

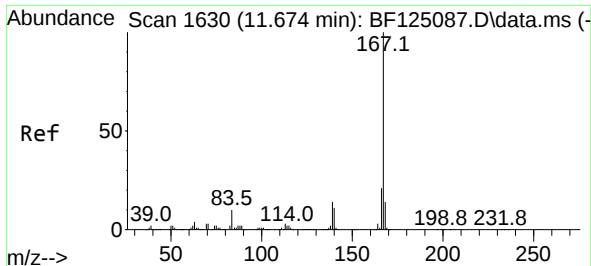
Tgt Ion:178 Resp: 1396021
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 15.6 11.5 17.3



#72
Anthracene
Concen: 41.863 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:178 Resp: 1144865
Ion Ratio Lower Upper
178 100
176 19.3 14.3 21.5
179 15.8 12.2 18.4

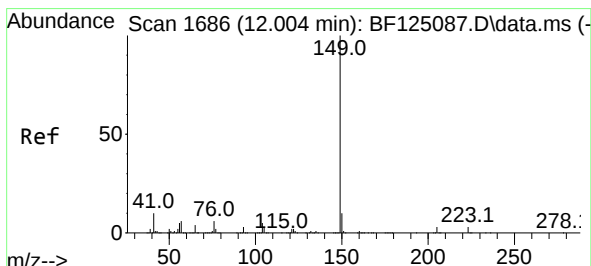
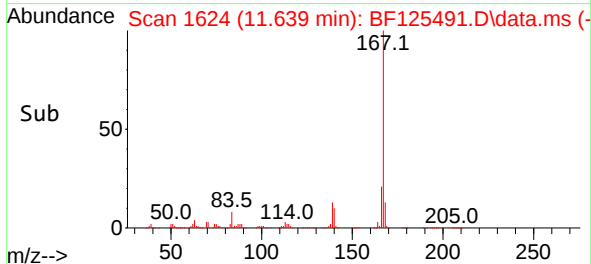
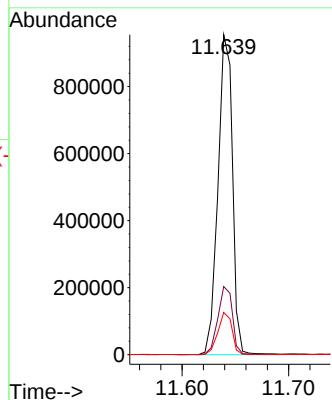
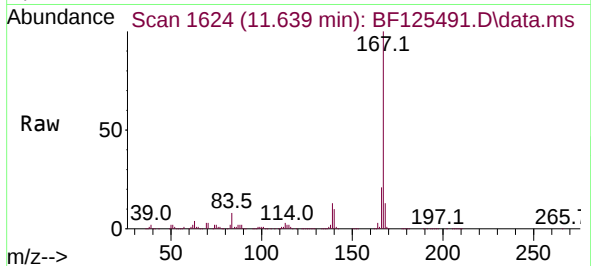




#73
Carbazole
Concen: 36.119 ng
RT: 11.639 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

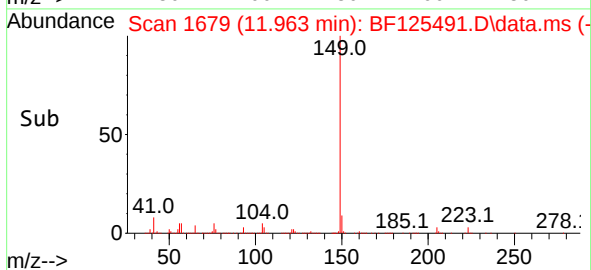
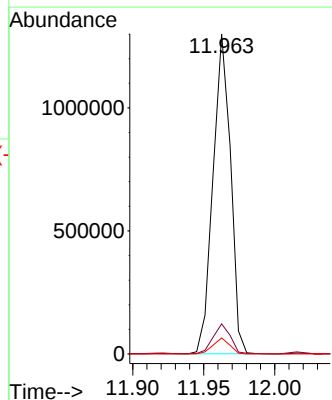
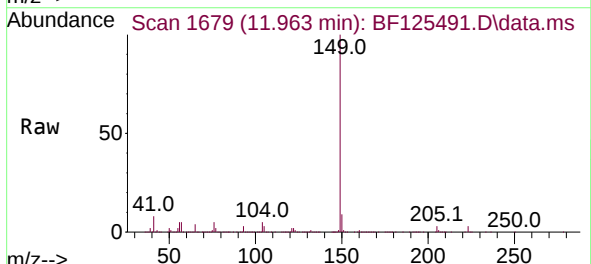
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BNA_F
ClientSampleId :
WQ-SOILPILEMSD

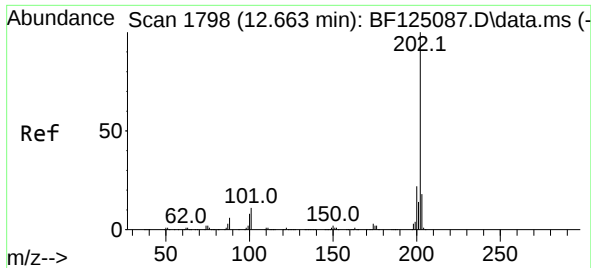
Tgt Ion:167 Resp: 902651
Ion Ratio Lower Upper
167 100
166 21.3 17.4 26.0
139 13.2 11.0 16.4



#74
Di-n-butylphthalate
Concen: 37.580 ng
RT: 11.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:149 Resp: 1114483
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.0 4.1 6.1

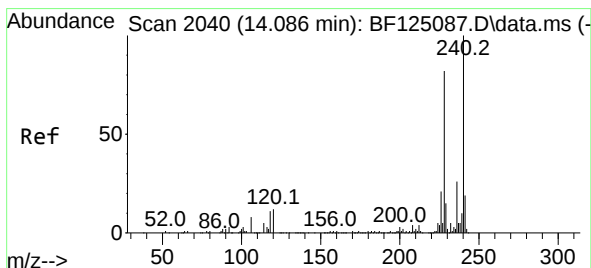
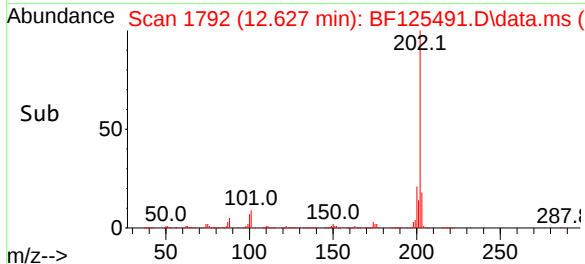
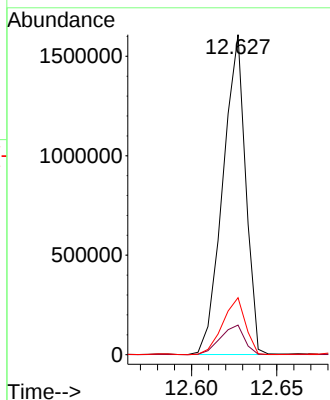
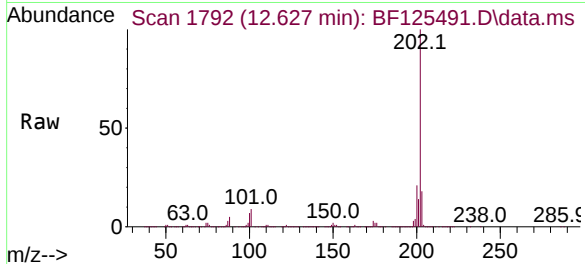




#75
Fluoranthene
Concen: 54.207 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

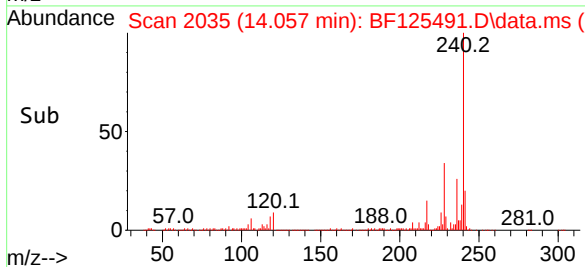
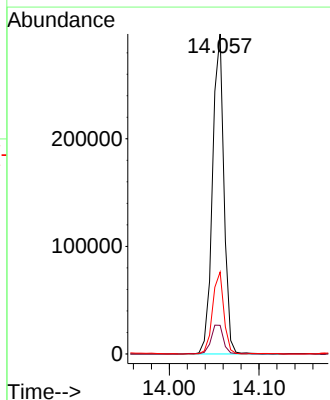
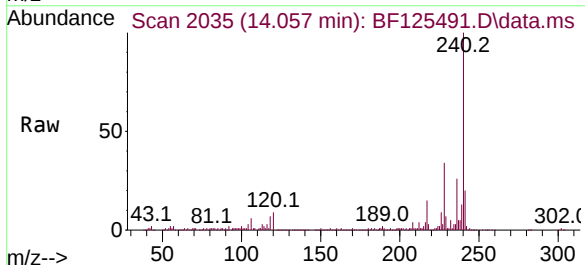
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BNA_F
ClientSampleId :
WQ-SOILPILEMSD

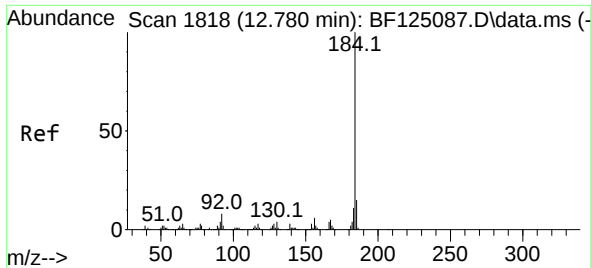
Tgt Ion:202 Resp: 1492362
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 17.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:240 Resp: 262712
Ion Ratio Lower Upper
240 100
120 8.9 10.8 16.2#
236 25.6 21.6 32.4

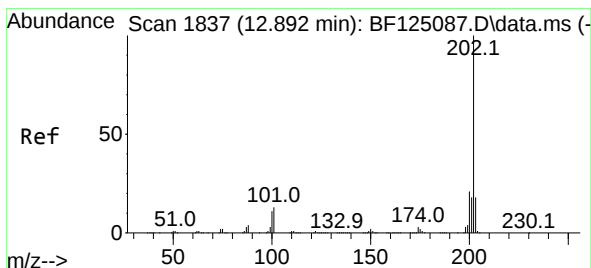
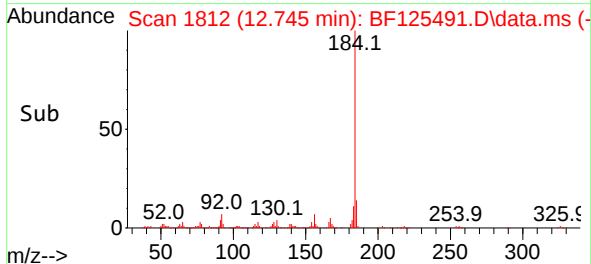
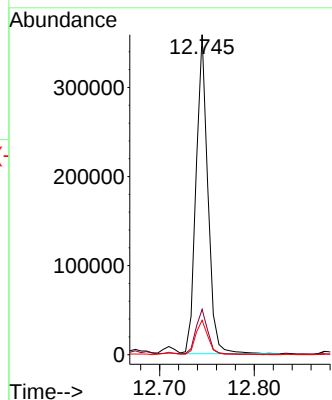
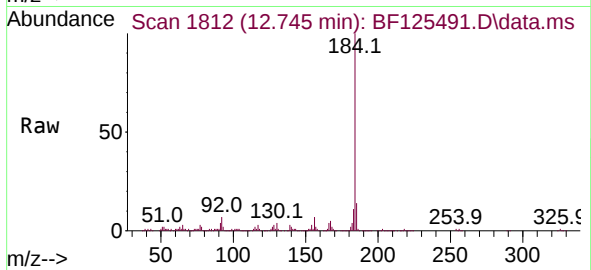




#77
Benzidine
Concen: 33.818 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

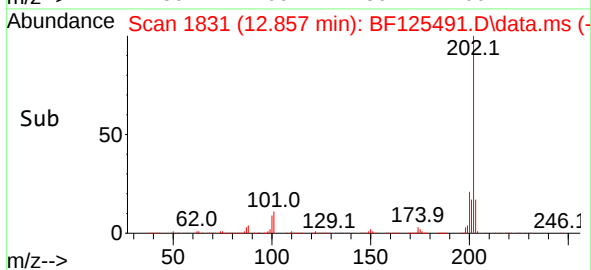
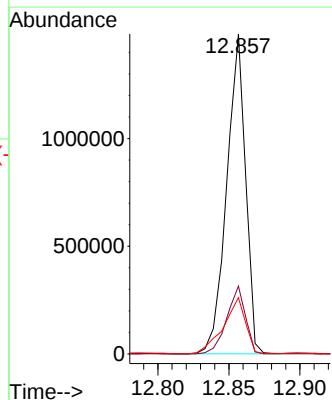
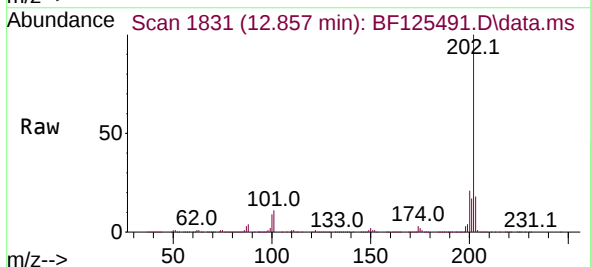
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

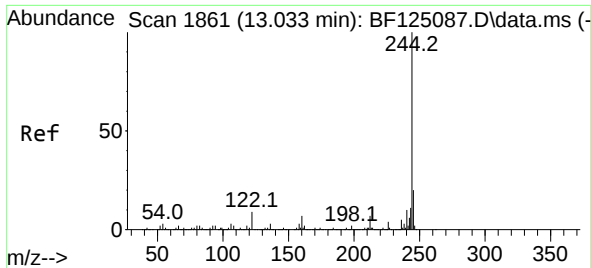
Tgt Ion:184 Resp: 310287
Ion Ratio Lower Upper
184 100
185 14.1 10.8 16.2
183 10.8 8.1 12.1



#78
Pyrene
Concen: 60.774 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:202 Resp: 1369567
Ion Ratio Lower Upper
202 100
200 21.2 15.3 22.9
203 17.6 13.4 20.0

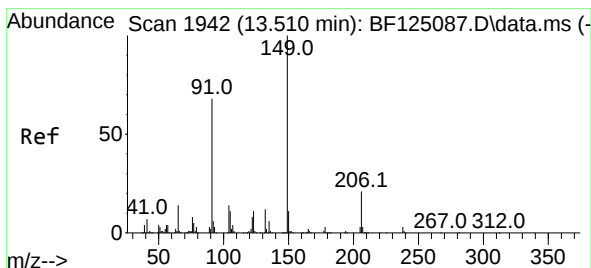
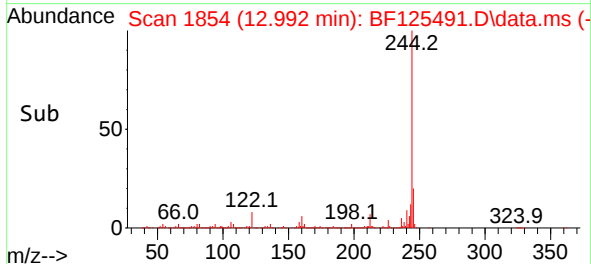
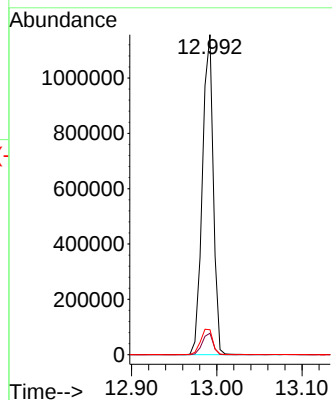
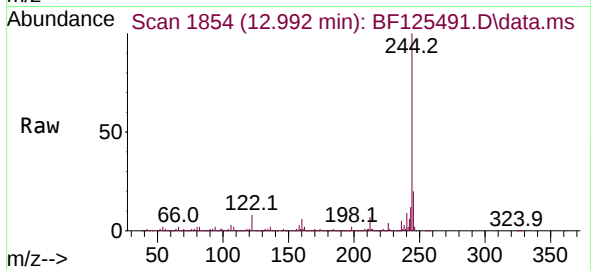




#79
Terphenyl-d14
Concen: 62.423 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

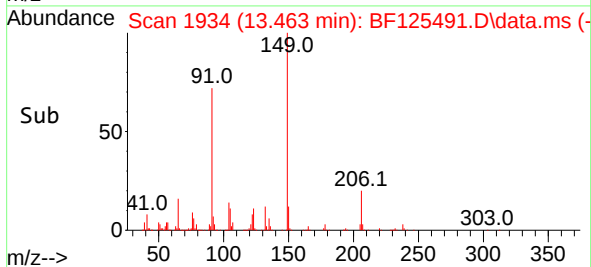
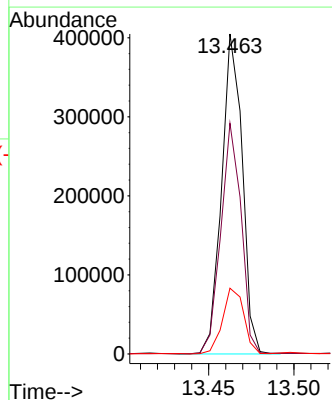
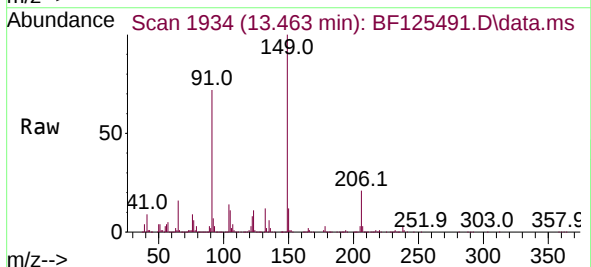
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

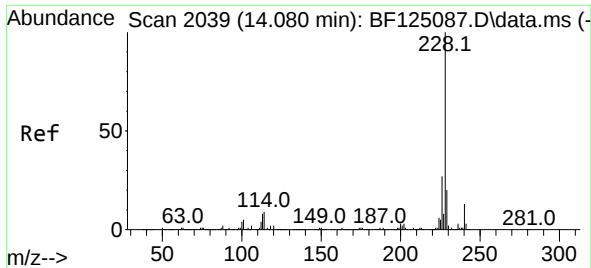
Tgt Ion:244 Resp: 1029397
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.8 9.0 13.4#



#80
Butylbenzylphthalate
Concen: 38.546 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:149 Resp: 341323
Ion Ratio Lower Upper
149 100
91 72.1 51.8 77.8
206 20.5 14.5 21.7

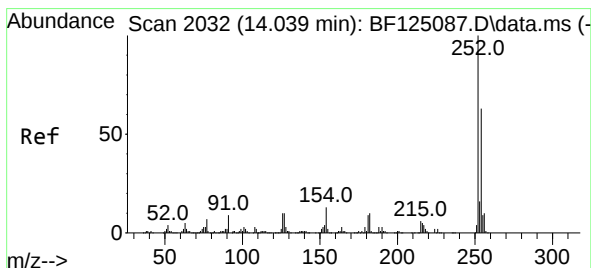
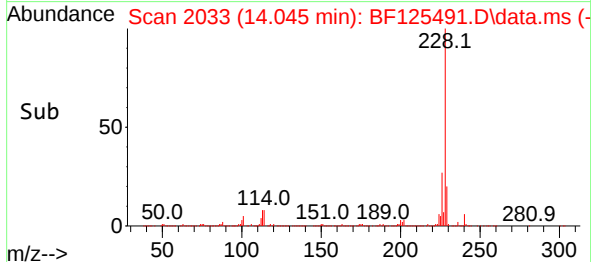
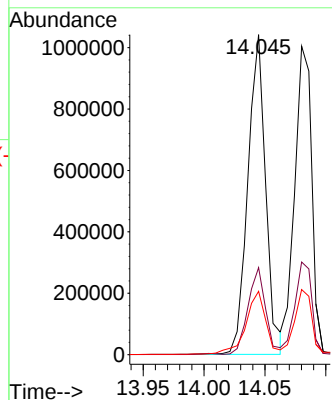
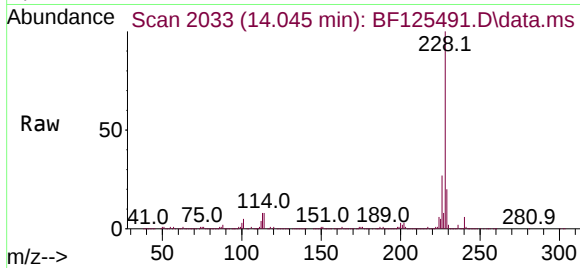




#81
Benzo(a)anthracene
Concen: 56.111 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

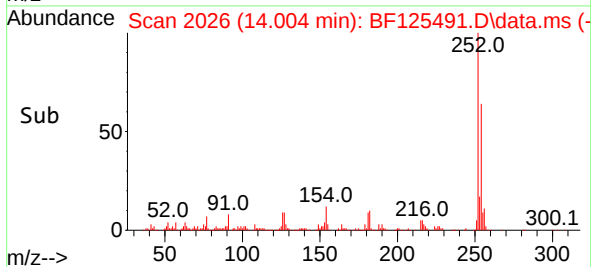
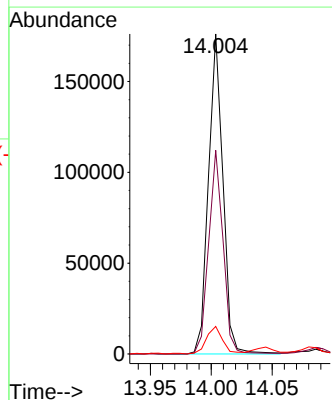
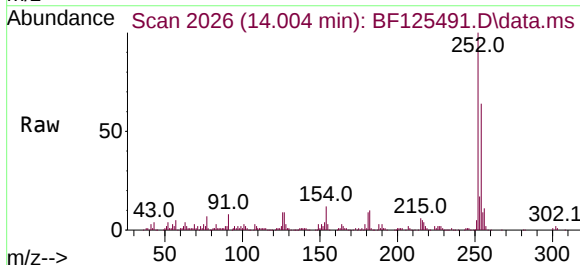
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

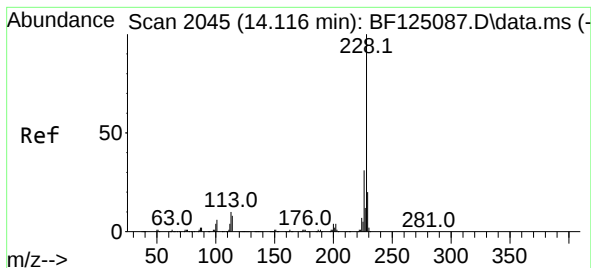
Tgt Ion:228 Resp: 1062111
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 24.819 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:252 Resp: 145628
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.0
126 8.6 9.5 14.3#





#83

Chrysene

Concen: 52.414 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

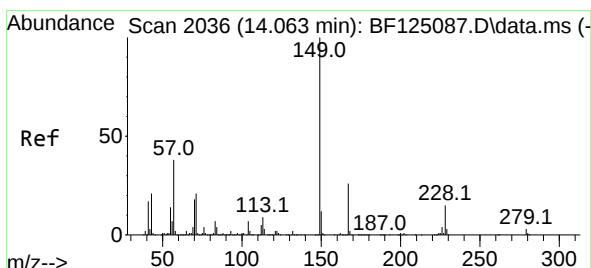
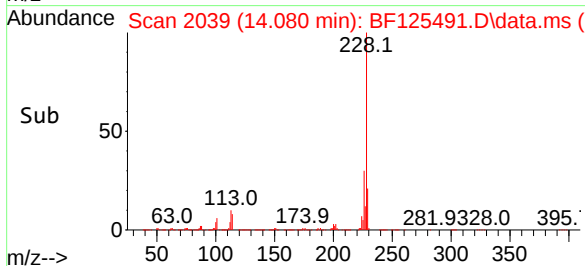
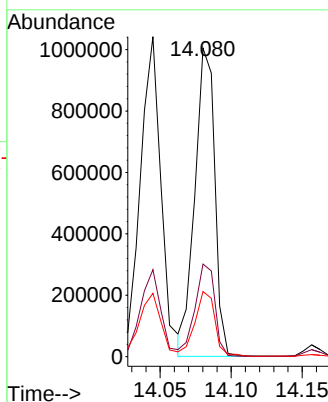
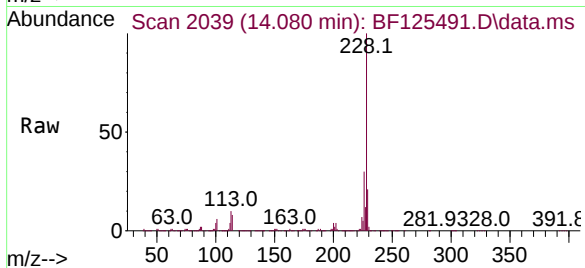
Tgt Ion:228 Resp: 981168

Ion Ratio Lower Upper

228 100

226 30.0 22.6 34.0

229 21.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.961 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

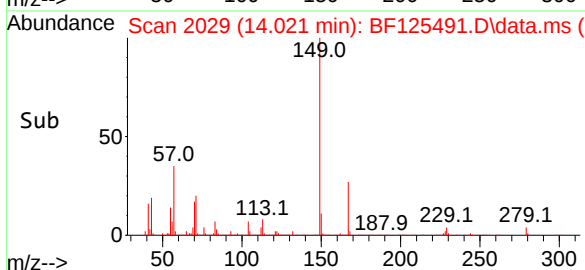
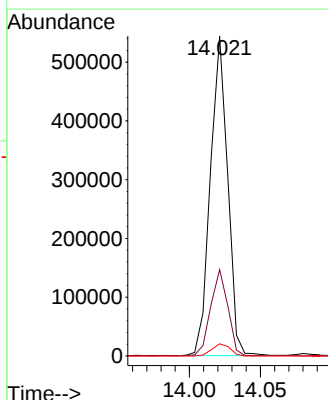
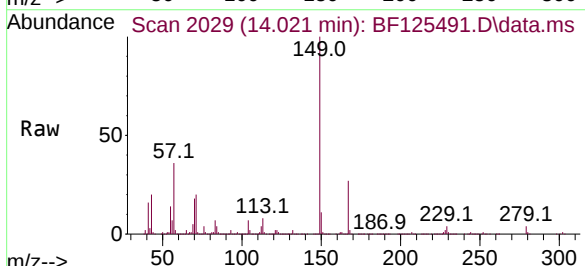
Tgt Ion:149 Resp: 462000

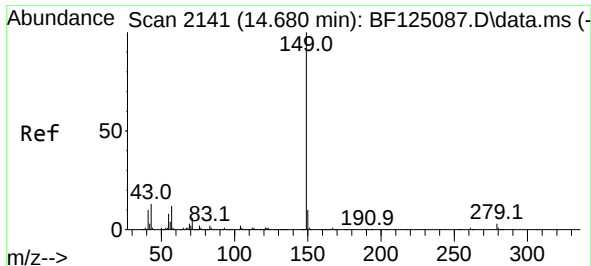
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 3.8 2.6 4.0

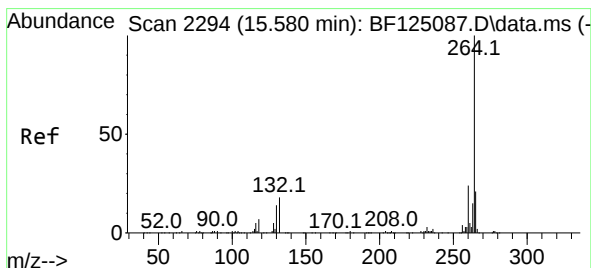
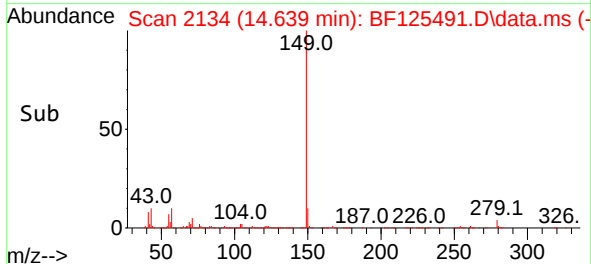
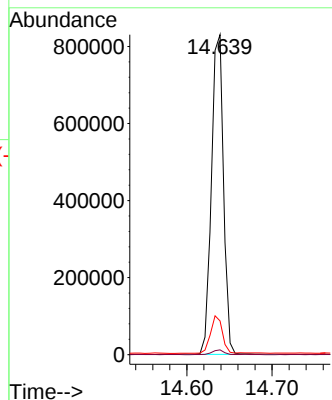
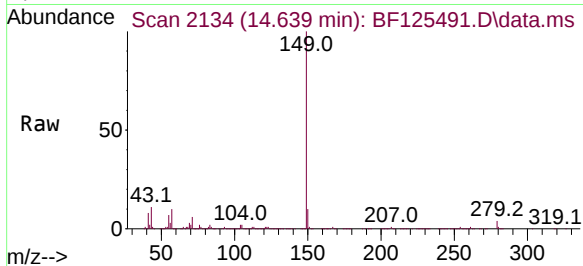




#85
Di-n-octyl phthalate
Concen: 40.353 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

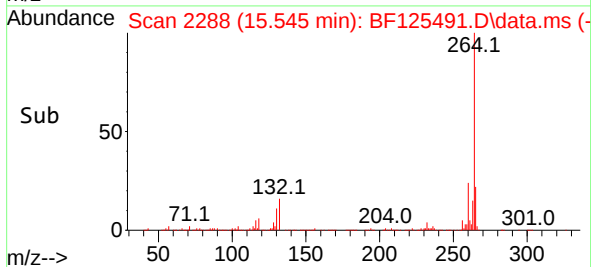
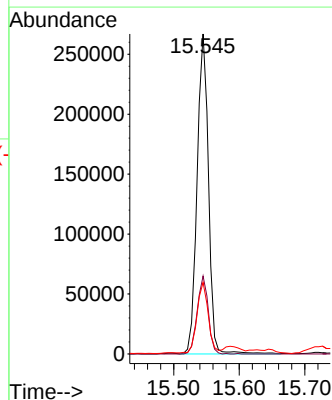
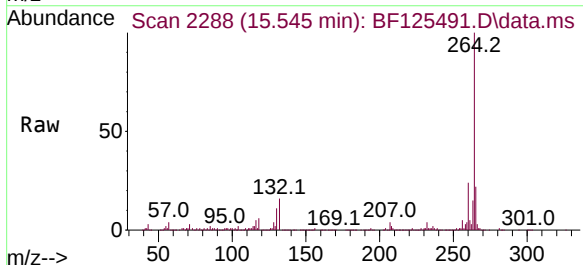
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

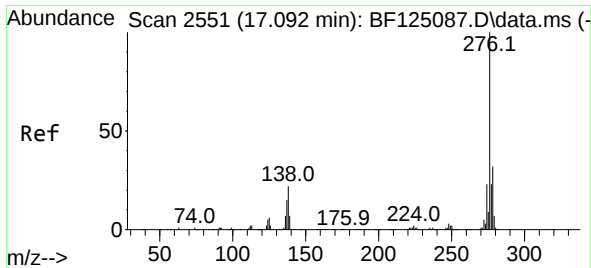
Tgt Ion:149 Resp: 816815
Ion Ratio Lower Upper
149 100
167 1.6 1.0 1.6
43 11.7 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:264 Resp: 322744
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.4 17.2 25.8

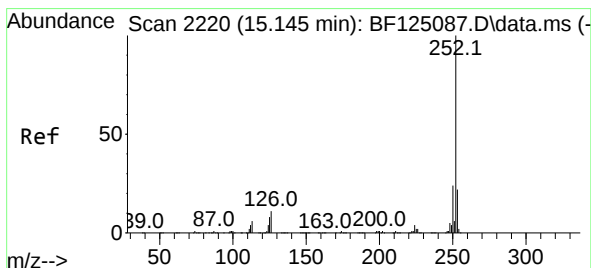
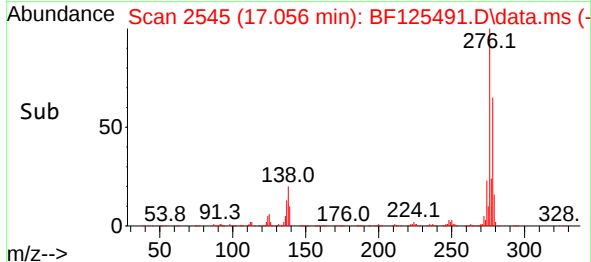
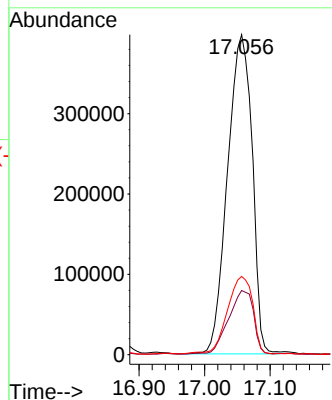
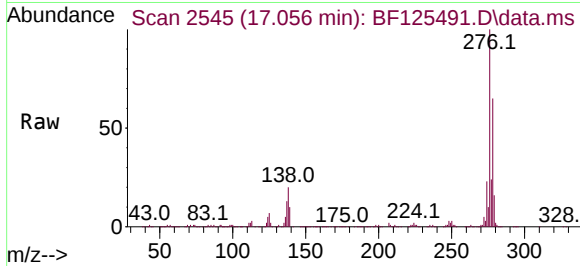




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.688 ng
RT: 17.056 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

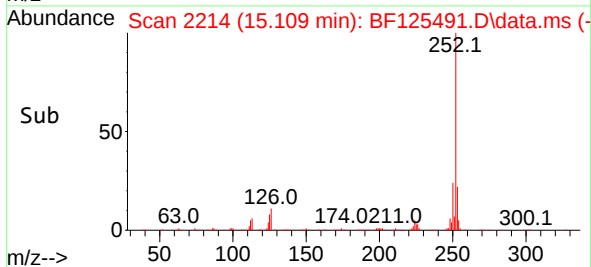
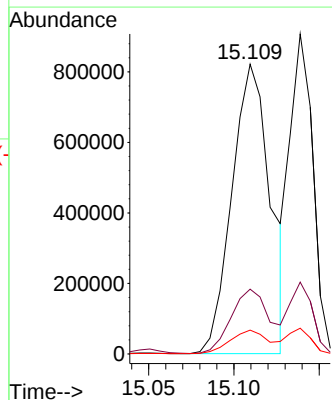
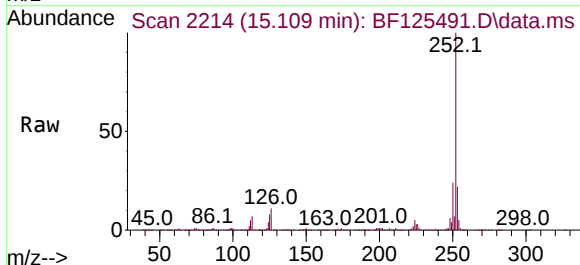
Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMSD

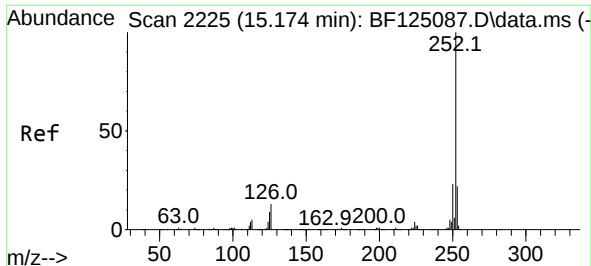
Tgt Ion:276 Resp: 1039032
Ion Ratio Lower Upper
276 100
138 20.2 24.1 36.1#
277 24.9 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 54.535 ng
RT: 15.109 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF125491.D
Acq: 15 Sep 2021 00:24

Tgt Ion:252 Resp: 1285876
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 8.2 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 38.847 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.006 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

Tgt Ion:252 Resp: 854744

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

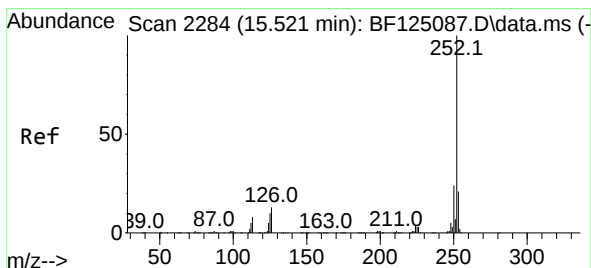
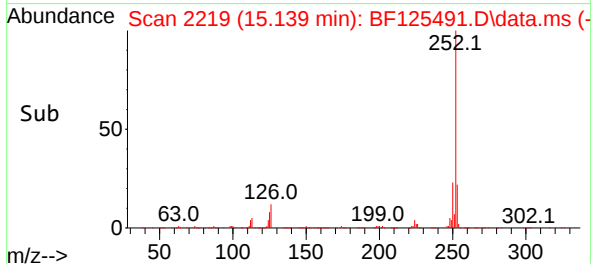
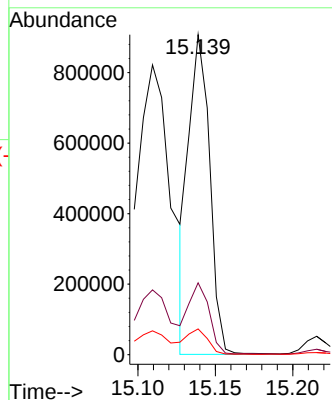
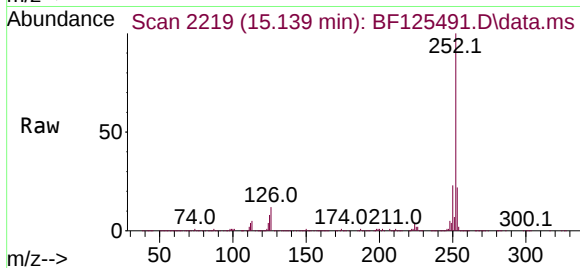
125 8.0 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

WQ-SOILPILEMSD



#90

Benzo(a)pyrene

Concen: 9.422 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.071 min

Lab File: BF125491.D

Acq: 15 Sep 2021 00:24

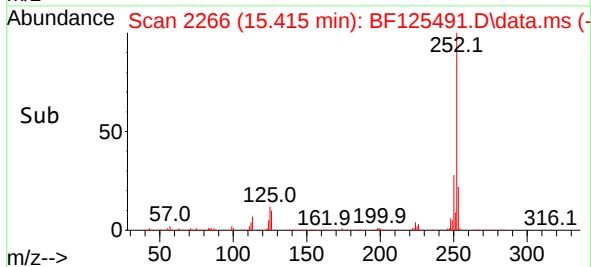
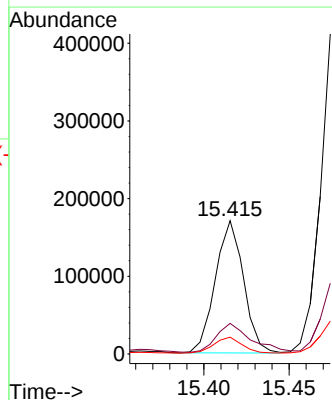
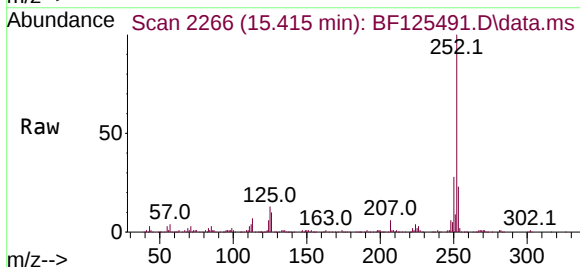
Tgt Ion:252 Resp: 196243

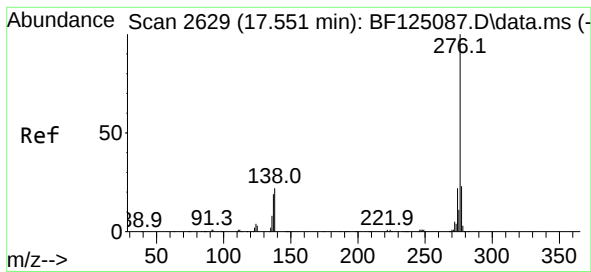
Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

125 12.6 9.9 14.9





#92
 Benzo(g,h,i)perylene
 Concen: 42.695 ng
 RT: 17.509 min Scan# 2622
 Delta R.T. -0.012 min
 Lab File: BF125491.D
 Acq: 15 Sep 2021 00:24

Instrument :
 BNA_F
 ClientSampleId :
 WQ-SOILPILEMSD

Tgt Ion:276 Resp: 827385
 Ion Ratio Lower Upper
 276 100
 277 23.9 22.0 33.0
 138 18.1 22.2 33.4#

