

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122984.D
 Acq On : 18 Jan 2021 12:53
 Operator : JU/CG
 Sample : M1100-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-RBF-DARKMS

Quant Time: Jan 18 13:32:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	239270	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	959918	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	505039	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	863182	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	637592	20.00	ng	# 0.00
86) Perylene-d12	15.551	264	551464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1350822	85.34	ng	0.00
7) Phenol-d6	6.516	99	1726034	81.13	ng	0.00
23) Nitrobenzene-d5	7.457	82	1069488	57.33	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	474949	83.16	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1856565	51.48	ng	0.00
79) Terphenyl-d14	13.015	244	1934559	55.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.745	88	138863	18.06	ng	# 61
3) Pyridine	3.498	79	775631	37.28	ng	# 74
4) n-Nitrosodimethylamine	3.451	42	405085	43.61	ng	83
6) Aniline	6.557	93	491211	19.14	ng	99
8) 2-Chlorophenol	6.681	128	761921	45.58	ng	94
9) Benzaldehyde	6.439	77	122927	8.74	ng	94
10) Phenol	6.533	94	1054256	49.35	ng	89
11) bis(2-Chloroethyl)ether	6.628	93	785188	45.39	ng	91
12) 1,3-Dichlorobenzene	6.839	146	816303	42.19	ng	97
13) 1,4-Dichlorobenzene	6.916	146	816932	41.94	ng	99
14) 1,2-Dichlorobenzene	7.069	146	792522	43.61	ng	99
15) Benzyl Alcohol	7.033	79	676533	45.12	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1257618	41.71	ng	91
17) 2-Methylphenol	7.145	107	635822	44.84	ng	97
18) Hexachloroethane	7.410	117	299619	42.55	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	558074	44.28	ng	93
20) 3+4-Methylphenols	7.292	107	785497	44.29	ng	# 84
22) Acetophenone	7.304	105	1024432	42.44	ng	98
24) Nitrobenzene	7.475	77	849242	44.42	ng	95
25) Isophorone	7.716	82	1524100	45.79	ng	98
26) 2-Nitrophenol	7.792	139	414866	48.04	ng	97
27) 2,4-Dimethylphenol	7.828	122	701054	50.98	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	945190	42.01	ng	99
29) 2,4-Dichlorophenol	8.033	162	632695	44.07	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	627506	41.03	ng	98
31) Naphthalene	8.204	128	2125110	43.06	ng	99
32) Benzoic acid	7.945	122	514968	44.57	ng	96
33) 4-Chloroaniline	8.245	127	191964	8.92	ng	97
34) Hexachlorobutadiene	8.322	225	339736	40.64	ng	99
35) Caprolactam	8.616	113	142829	29.27	ng	# 77
36) 4-Chloro-3-methylphenol	8.727	107	725503	47.51	ng	99
37) 2-Methylnaphthalene	8.892	142	1529129	44.92	ng	99
38) 1-Methylnaphthalene	8.992	142	1426315	44.36	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	579533	41.80	ng	# 97
41) Hexachlorocyclopentadiene	9.051	237	724740	107.61	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	463753	44.87	ng	100

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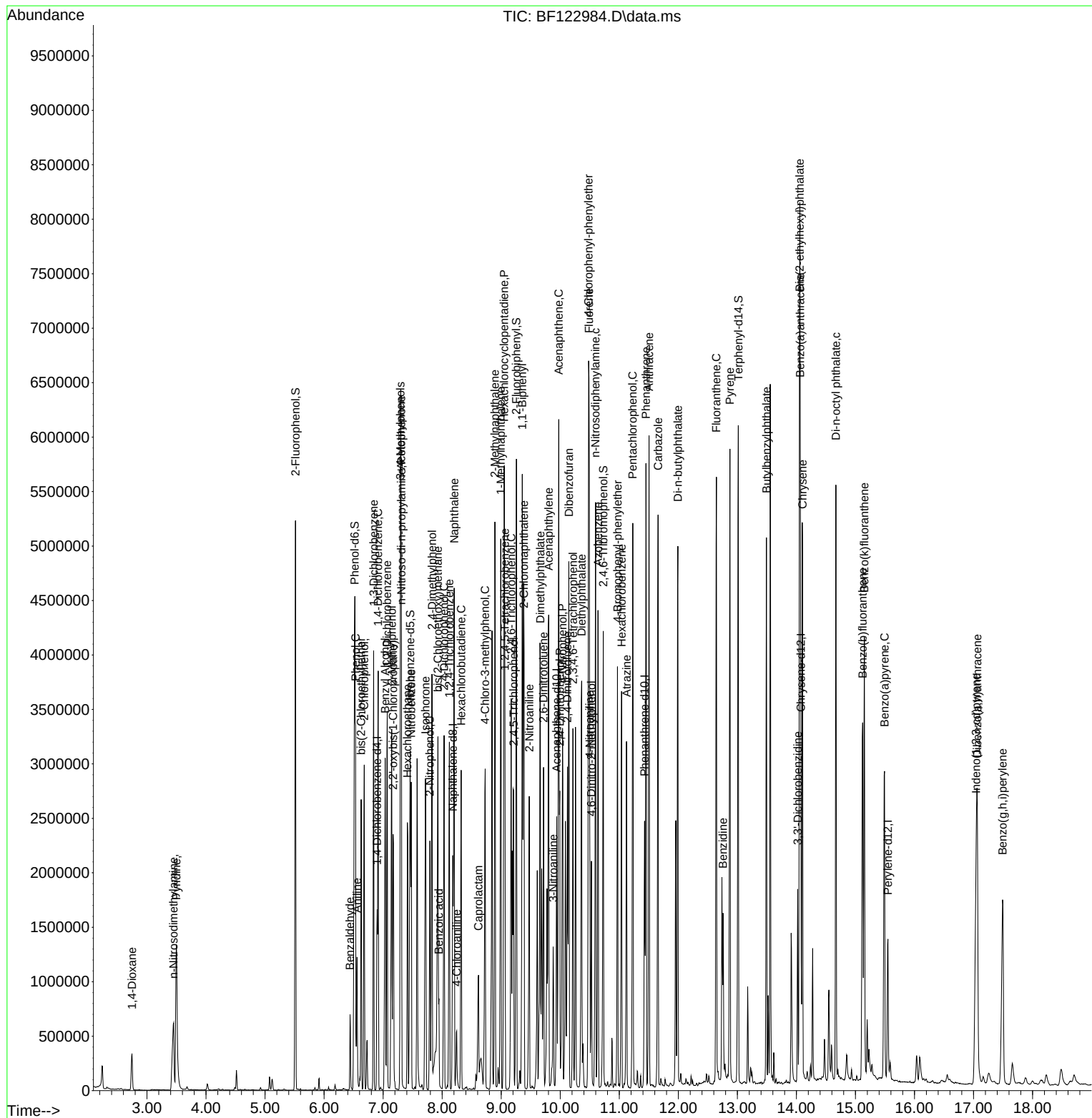
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	466573	44.49	ng	99
46) 1,1'-Biphenyl	9.357	154	1737042	42.29	ng	99
47) 2-Chloronaphthalene	9.386	162	1384120	40.39	ng	97
48) 2-Nitroaniline	9.474	65	470641	40.29	ng	85
49) Acenaphthylene	9.804	152	2116734	42.34	ng	100
50) Dimethylphthalate	9.663	163	1886334	48.12	ng	100
51) 2,6-Dinitrotoluene	9.716	165	376392	43.90	ng	# 83
52) Acenaphthene	9.974	154	1481759	45.85	ng	98
53) 3-Nitroaniline	9.880	138	205410	19.38	ng	93
54) 2,4-Dinitrophenol	9.992	184	349129	72.22	ng	97
55) Dibenzofuran	10.145	168	1927197	42.78	ng	98
56) 4-Nitrophenol	10.039	139	709168	90.78	ng	# 87
57) 2,4-Dinitrotoluene	10.121	165	509449	46.19	ng	98
58) Fluorene	10.486	166	1505526	42.73	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	374371	44.73	ng	94
60) Diethylphthalate	10.363	149	1625105	42.66	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	664642	41.95	ng	97
62) 4-Nitroaniline	10.498	138	377098	36.07	ng	95
63) Azobenzene	10.639	77	1621362	42.53	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	234899	48.32	ng	80
66) n-Nitrosodiphenylamine	10.598	169	1358239	42.15	ng	99
67) 4-Bromophenyl-phenylether	10.968	248	438146	41.52	ng	94
68) Hexachlorobenzene	11.039	284	492099	40.78	ng	97
69) Atrazine	11.121	200	346992	40.44	ng	96
70) Pentachlorophenol	11.227	266	578196	91.10	ng	99
71) Phenanthrene	11.451	178	2142124	41.41	ng	99
72) Anthracene	11.504	178	2184132	42.72	ng	99
73) Carbazole	11.657	167	2068345	41.74	ng	100
74) Di-n-butylphthalate	11.992	149	2499631	42.63	ng	100
75) Fluoranthene	12.645	202	2185096	41.76	ng	99
77) Benzidine	12.757	184	498849	29.55	ng	99
78) Pyrene	12.874	202	2207085	43.23	ng	99
80) Butylbenzylphthalate	13.492	149	1081311	47.26	ng	98
81) Benzo(a)anthracene	14.062	228	1786622	41.87	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	318007	22.76	ng	# 98
83) Chrysene	14.104	228	1796202	41.74	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	1438436	47.15	ng	97
85) Di-n-octyl phthalate	14.668	149	2412158	48.89	ng	96
87) Indeno(1,2,3-cd)pyrene	17.045	276	1758567	50.62	ng	# 95
88) Benzo(b)fluoranthene	15.121	252	1734939	46.62	ng	98
89) Benzo(k)fluoranthene	15.151	252	1635741	42.87	ng	99
90) Benzo(a)pyrene	15.492	252	1478287	43.97	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	1442435	50.67	ng	# 97
92) Benzo(g,h,i)perylene	17.492	276	1463591	53.12	ng	# 95

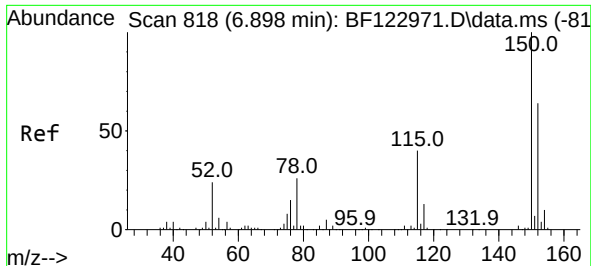
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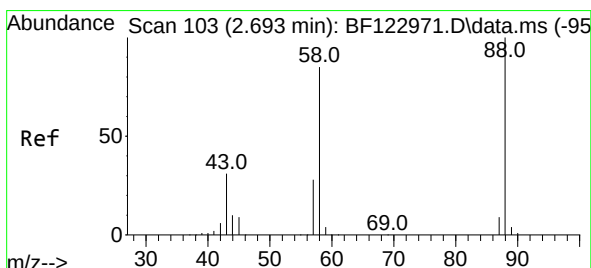
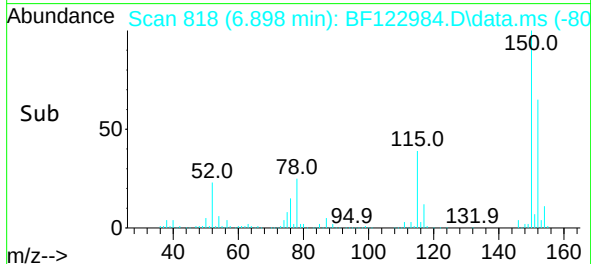
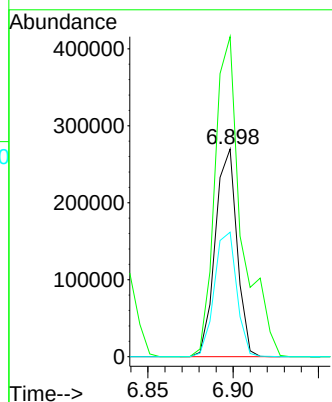
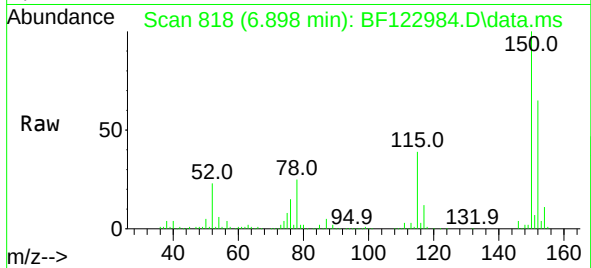




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

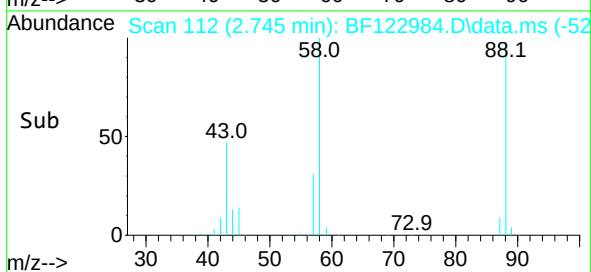
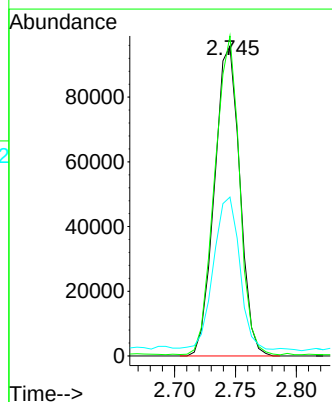
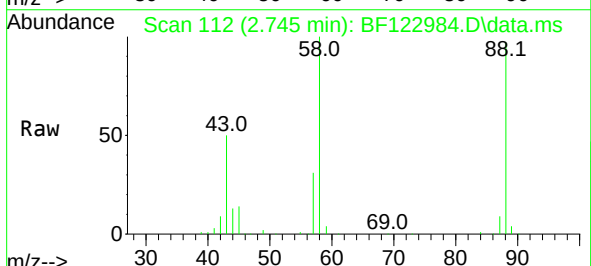
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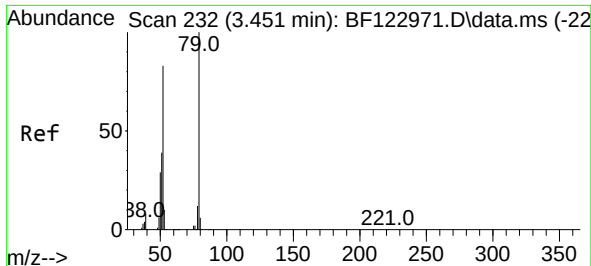
Tgt Ion:152 Resp: 239270
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 59.9 49.3 73.9



#2
1,4-Dioxane
Concen: 18.06 ng
RT: 2.745 min Scan# 112
Delta R.T. 0.053 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion: 88 Resp: 138863
Ion Ratio Lower Upper
88 100
58 100.2 56.2 84.2#
43 50.3 21.8 32.6#

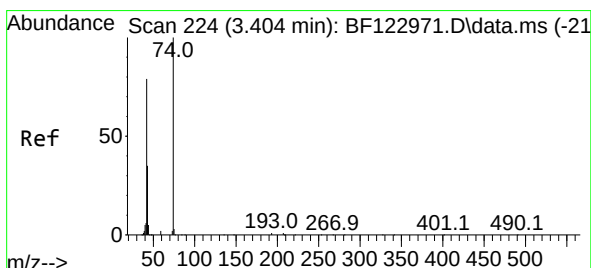
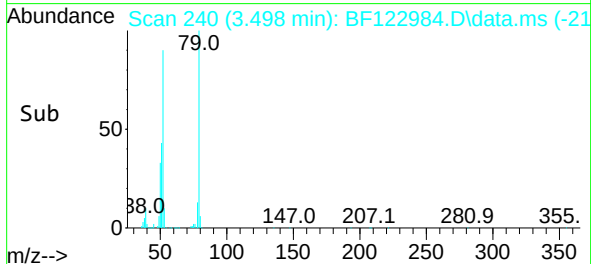
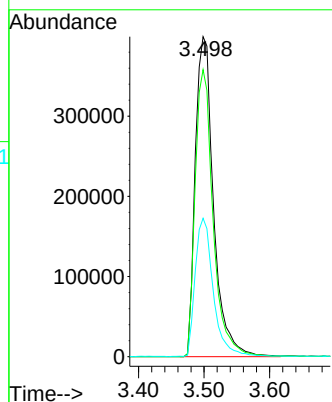
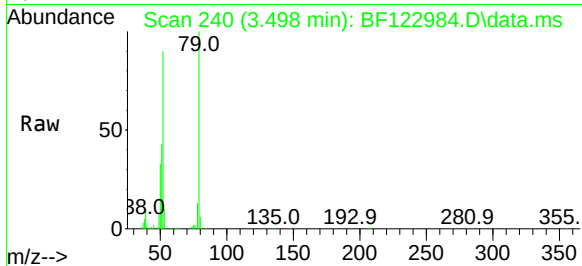




#3
Pyridine
Concen: 37.28 ng
RT: 3.498 min Scan# 240
Delta R.T. 0.047 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

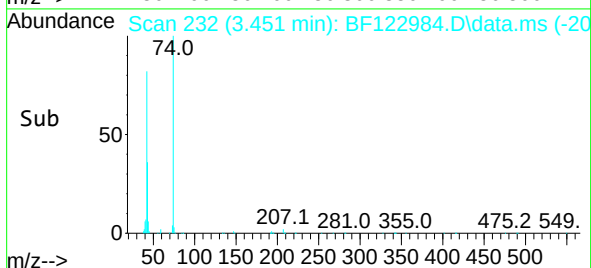
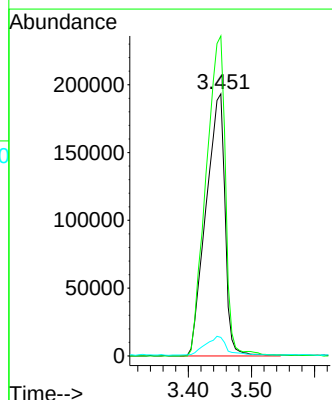
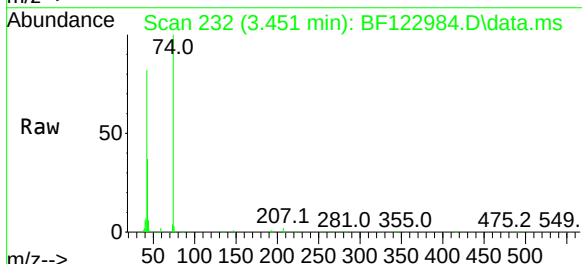
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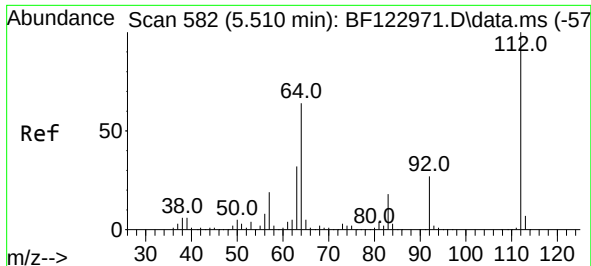
Tgt Ion: 79 Resp: 775631
Ion Ratio Lower Upper
79 100
52 89.7 53.0 79.4#
51 43.3 26.6 39.8#



#4
n-Nitrosodimethylamine
Concen: 43.61 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.047 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion: 42 Resp: 405085
Ion Ratio Lower Upper
42 100
74 122.1 115.2 172.8
44 7.1 5.4 8.0

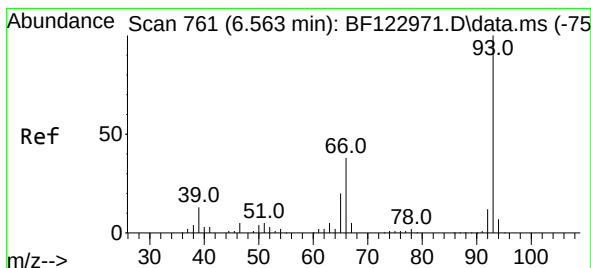
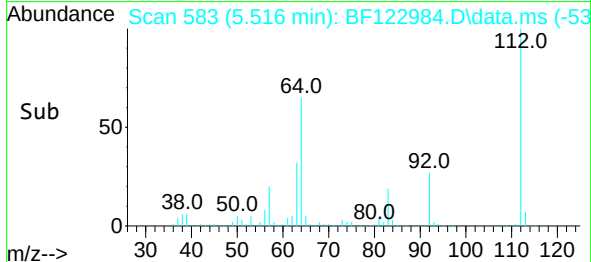
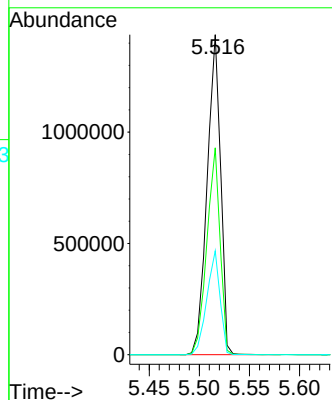
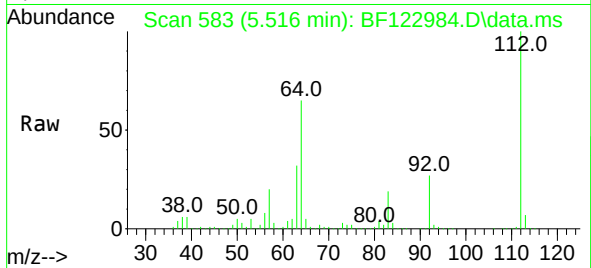




#5
2-Fluorophenol
Concen: 85.34 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

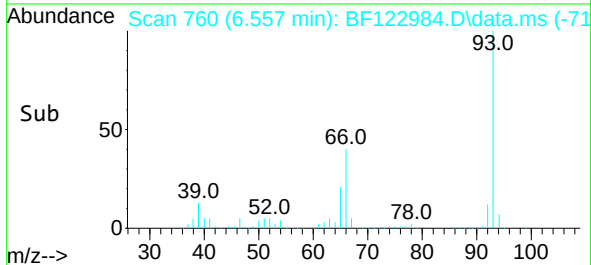
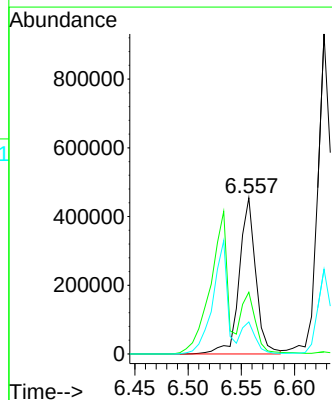
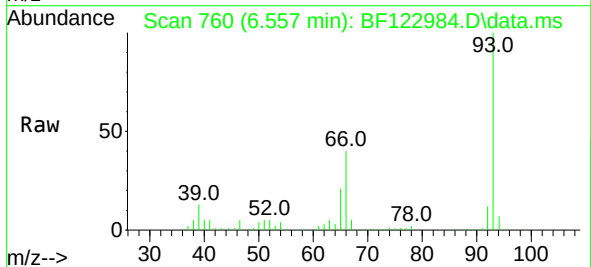
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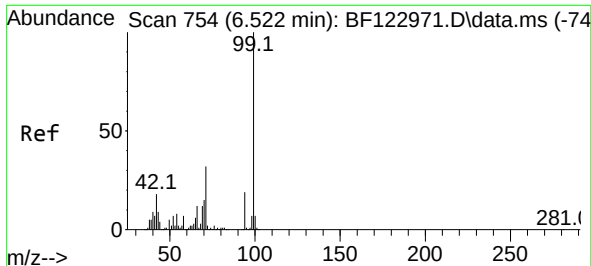
Tgt Ion:112 Resp: 1350822
Ion Ratio Lower Upper
112 100
64 64.6 46.9 70.3
63 32.4 24.5 36.7



#6
Aniline
Concen: 19.14 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion: 93 Resp: 491211
Ion Ratio Lower Upper
93 100
66 39.6 31.3 46.9
65 20.5 15.6 23.4

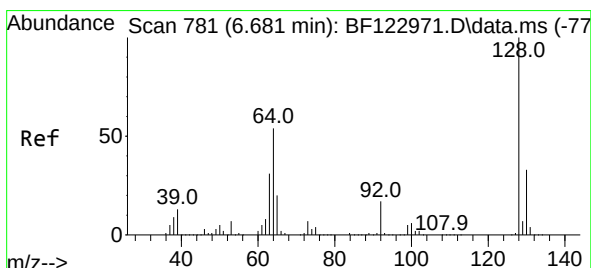
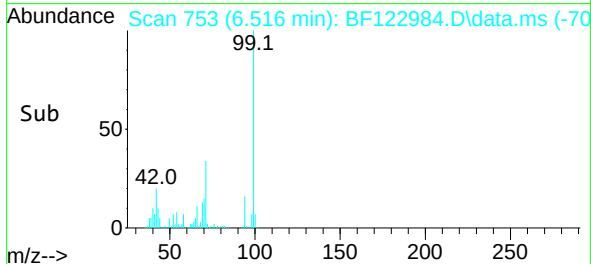
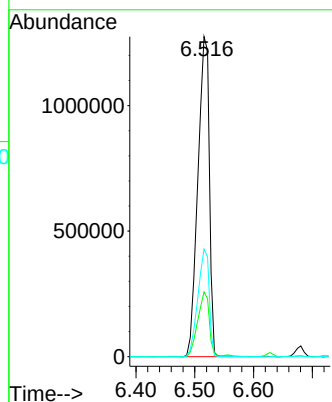
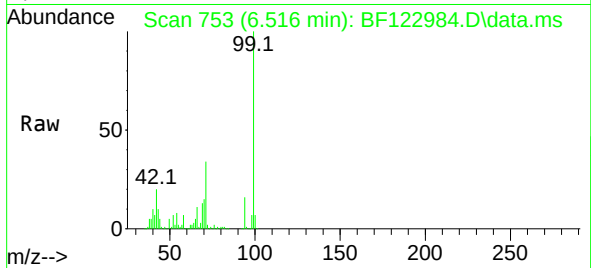




#7
Phenol-d6
Concen: 81.13 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

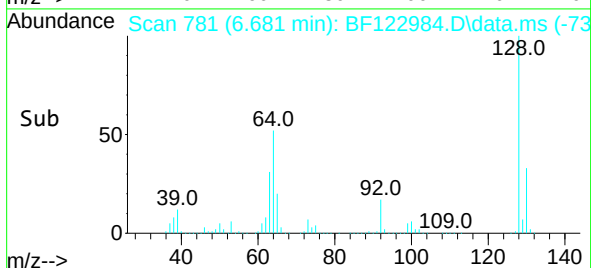
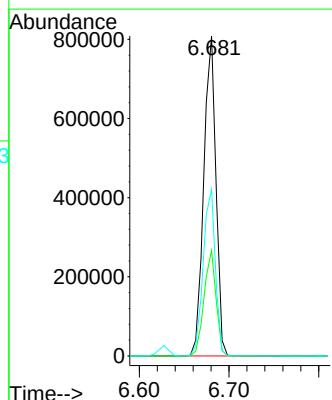
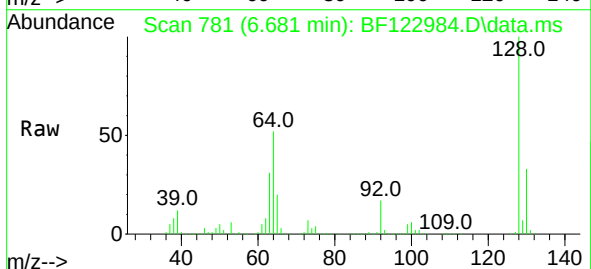
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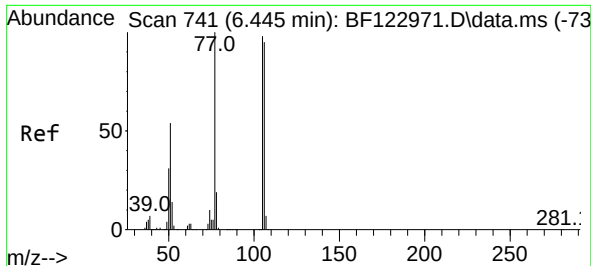
Tgt Ion: 99 Resp: 1726034
Ion Ratio Lower Upper
99 100
42 20.2 13.8 20.6
71 33.7 26.9 40.3



#8
2-Chlorophenol
Concen: 45.58 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion: 128 Resp: 761921
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 52.0 25.5 65.5

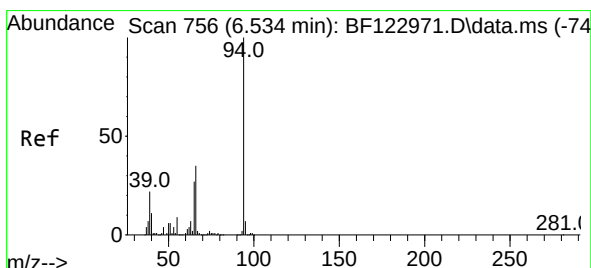
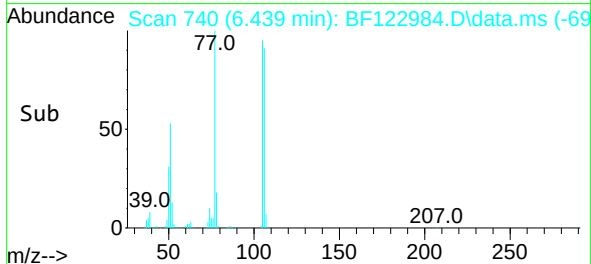
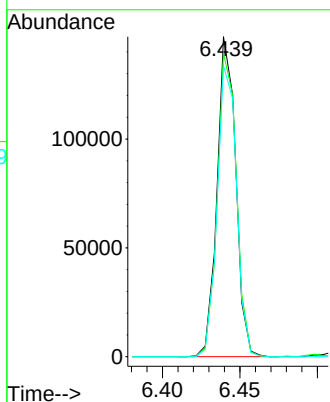
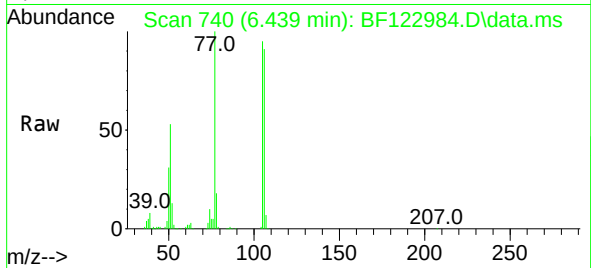




#9
Benzaldehyde
Concen: 8.74 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF122984.D
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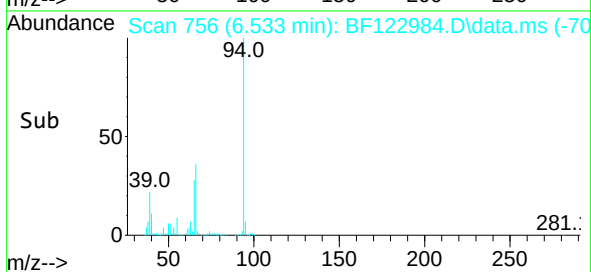
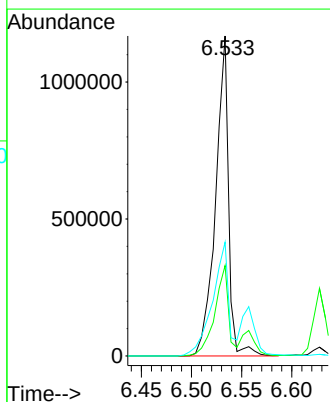
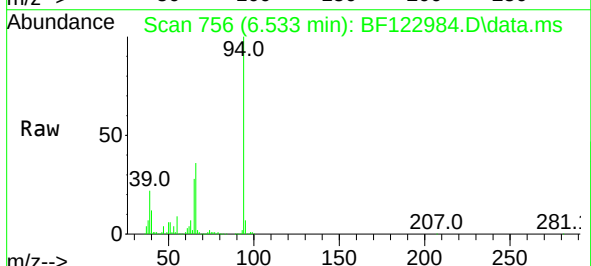
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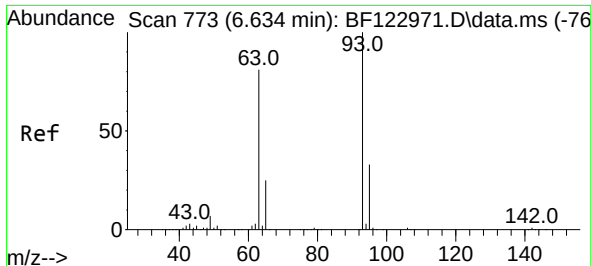
Tgt Ion: 77 Resp: 122927
Ion Ratio Lower Upper
77 100
105 94.8 80.6 120.6
106 90.9 77.2 117.2



#10
Phenol
Concen: 49.35 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion: 94 Resp: 1054256
Ion Ratio Lower Upper
94 100
65 28.2 11.2 51.2
66 35.5 25.8 65.8

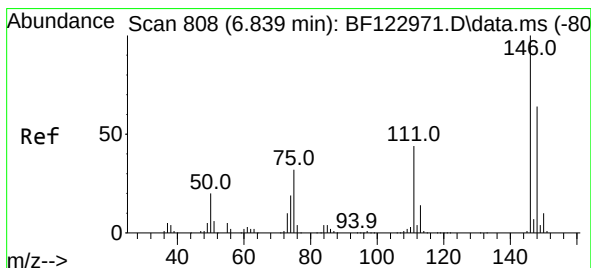
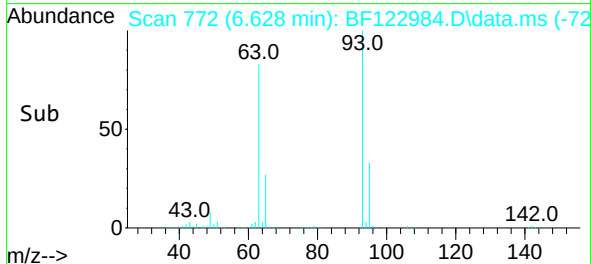
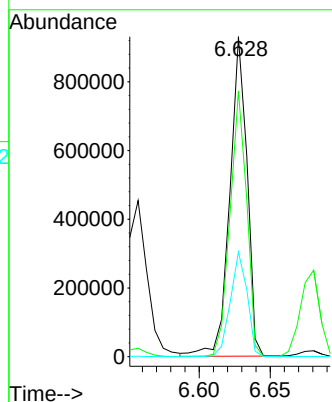
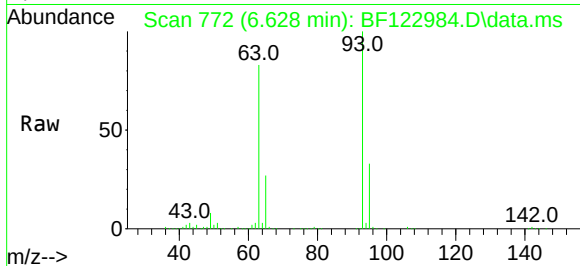




#11
bis(2-Chloroethyl)ether
Concen: 45.39 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

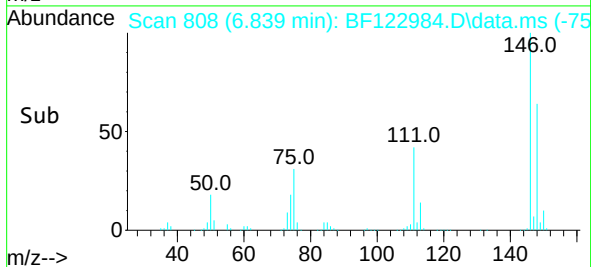
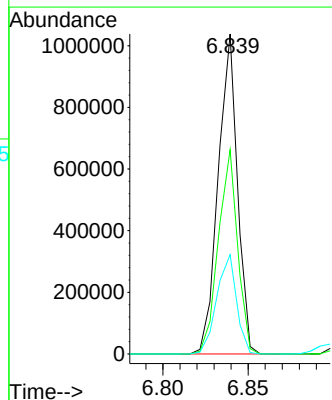
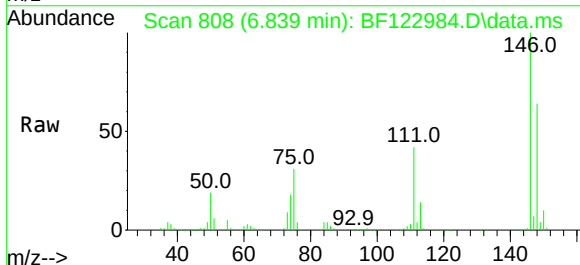
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

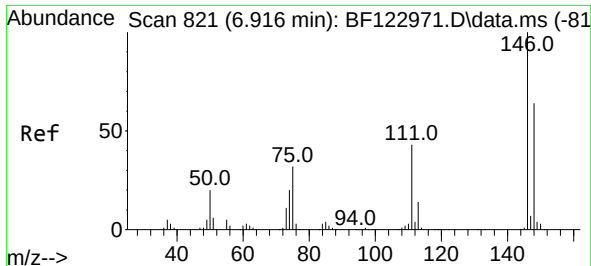
Tgt Ion: 93 Resp: 785188
Ion Ratio Lower Upper
93 100
63 83.0 52.6 92.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.19 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:146 Resp: 816303
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 31.0 22.5 33.7

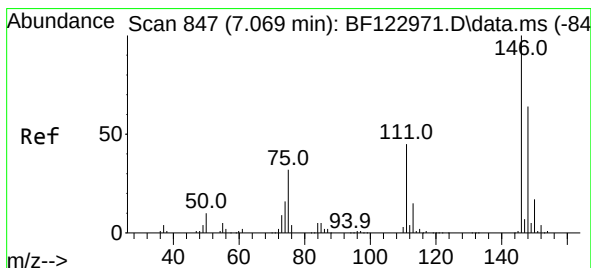
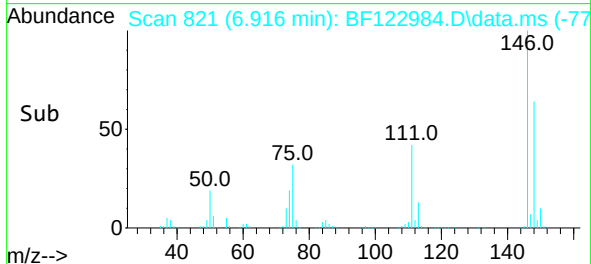
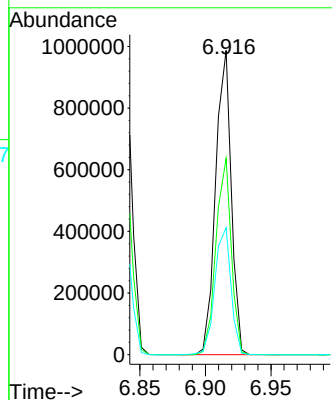
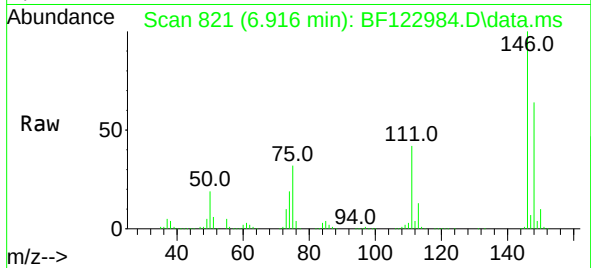




#13
1,4-Dichlorobenzene
Concen: 41.94 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

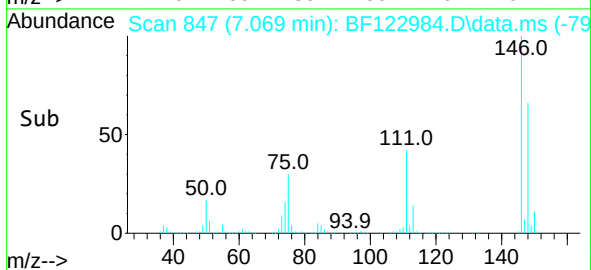
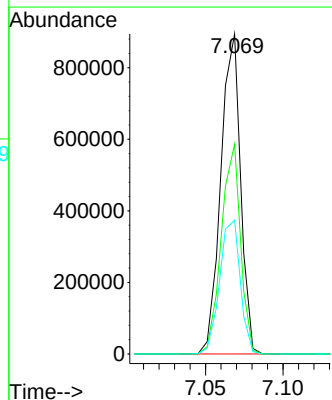
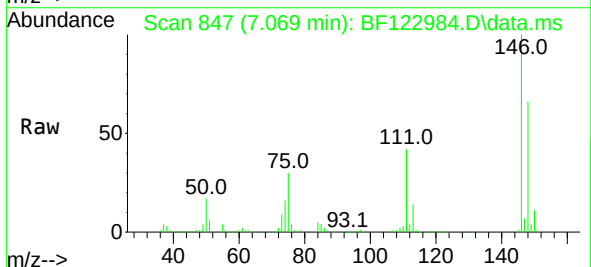
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

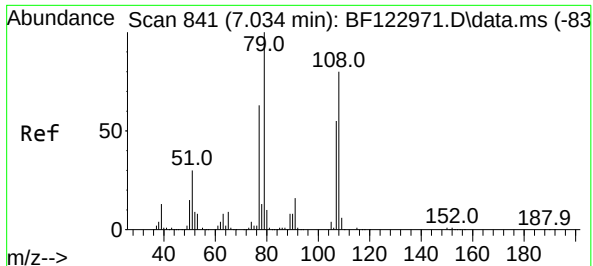
Tgt Ion:146 Resp: 816932
Ion Ratio Lower Upper
146 100
148 64.4 52.0 78.0
111 41.7 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 43.61 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:146 Resp: 792522
Ion Ratio Lower Upper
146 100
148 65.6 51.5 77.3
111 41.8 34.2 51.2





#15

Benzyl Alcohol

Concen: 45.12 ng

RT: 7.033 min Scan# 841

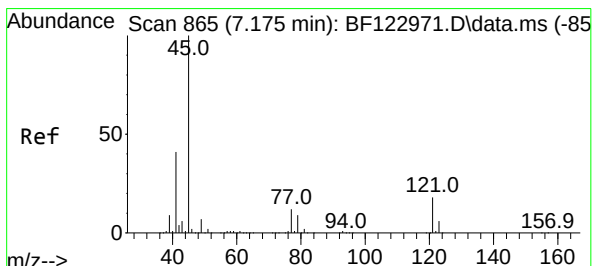
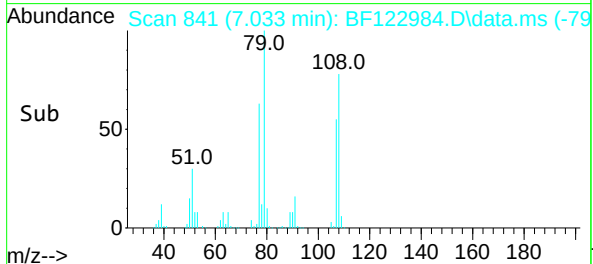
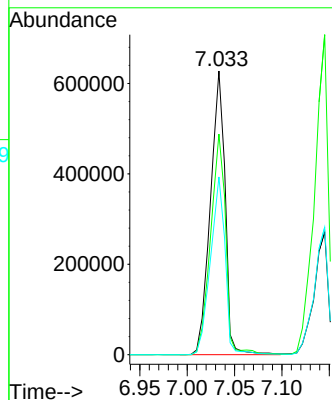
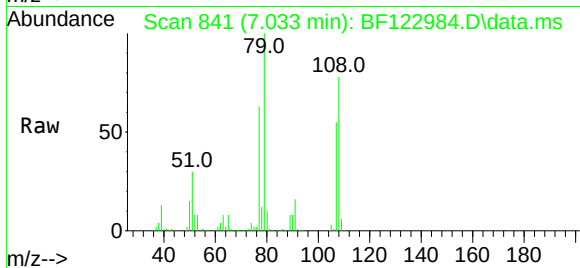
Delta R.T. -0.000 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion: 79 Resp: 676533

Ion	Ratio	Lower	Upper
79	100		
108	77.8	62.4	93.6
77	62.7	49.0	73.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.71 ng

RT: 7.169 min Scan# 864

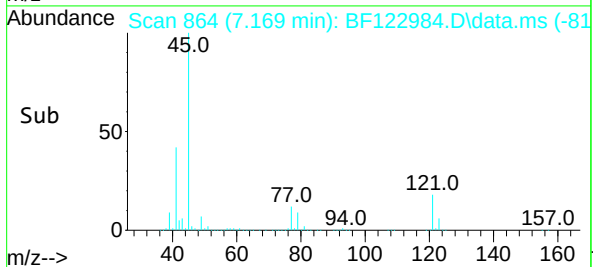
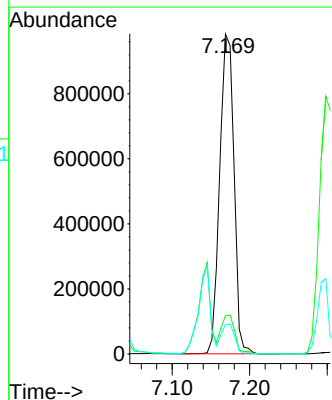
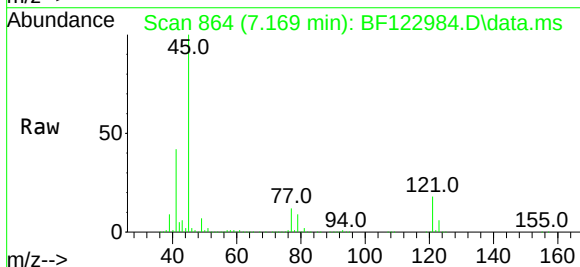
Delta R.T. -0.006 min

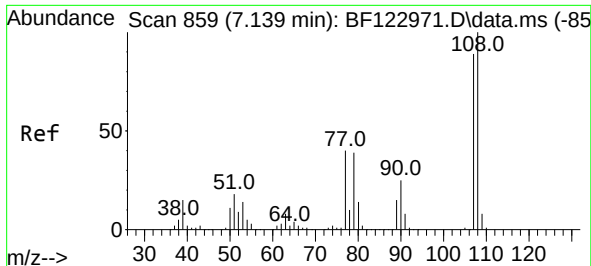
Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion: 45 Resp: 1257618

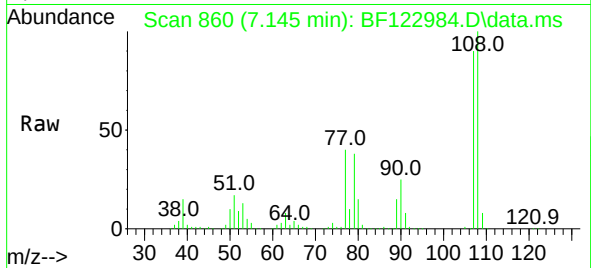
Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	35.6
79	9.1	0.0	32.4



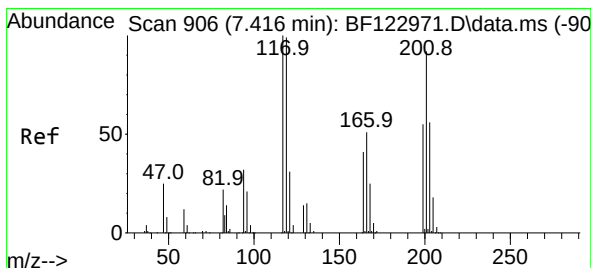
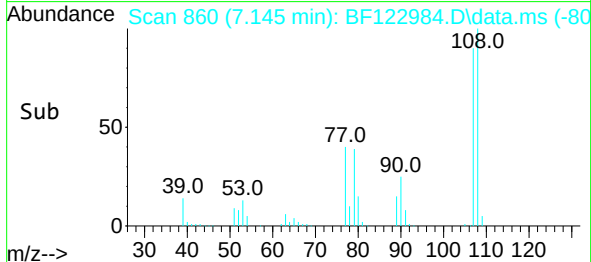
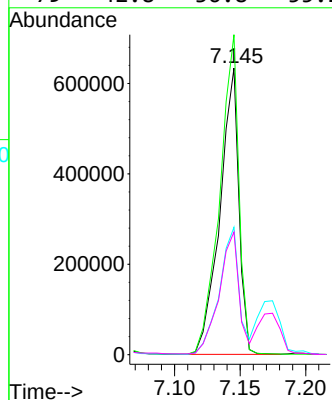


#17
2-Methylphenol
Concen: 44.84 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

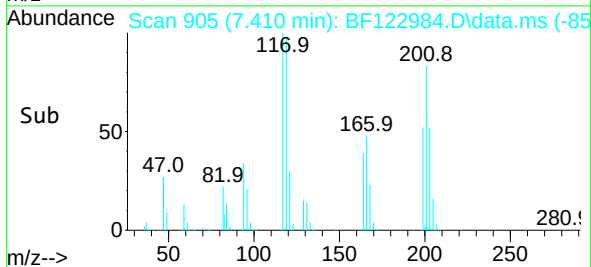
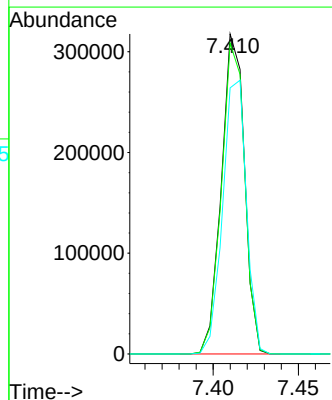
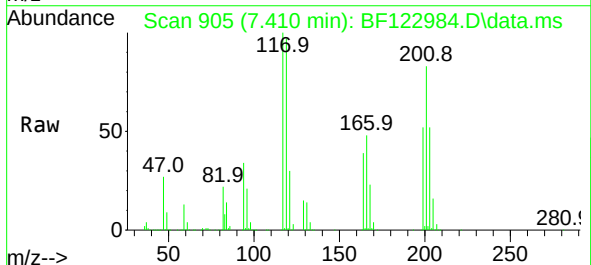


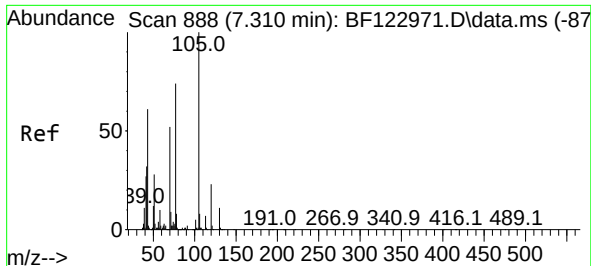
Tgt Ion:107 Resp: 635822
Ion Ratio Lower Upper
107 100
108 111.7 91.1 136.7
77 44.4 36.3 54.5
79 42.8 36.8 55.2



#18
Hexachloroethane
Concen: 42.55 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

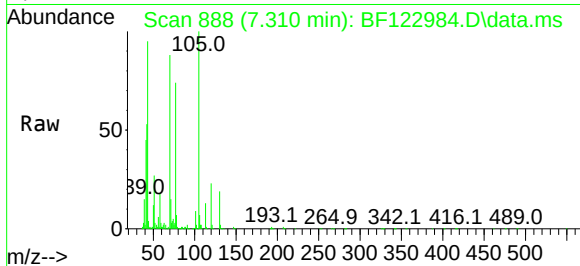
Tgt Ion:117 Resp: 299619
Ion Ratio Lower Upper
117 100
119 97.1 78.4 117.6
201 83.1 79.6 119.4



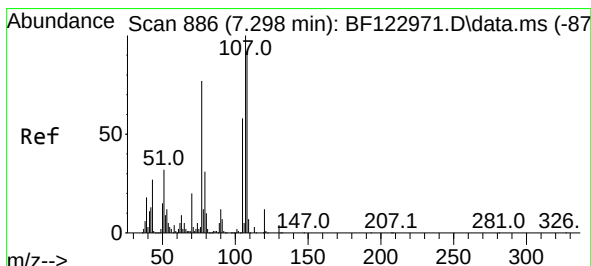
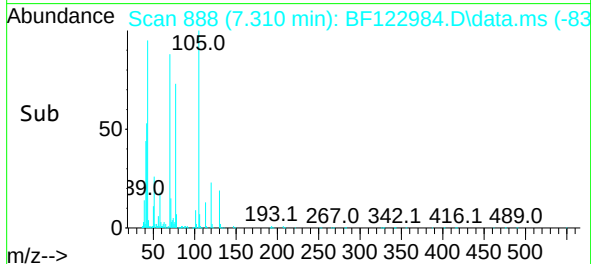
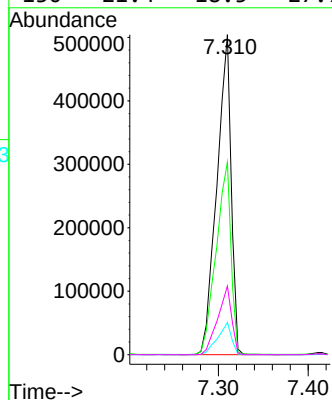


#19
n-Nitroso-di-n-propylamine
Concen: 44.28 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

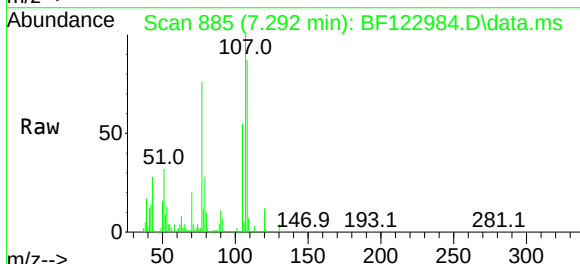
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS



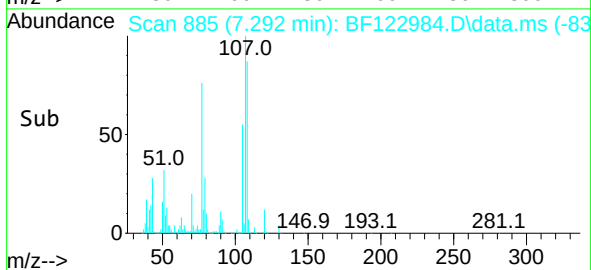
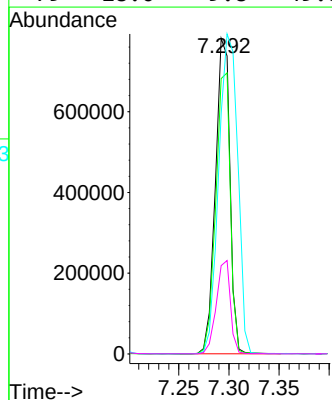
Tgt Ion:	70	Resp:	558074
Ion	Ratio	Lower	Upper
70	100		
42	60.1	43.0	64.4
101	10.0	7.9	11.9
130	21.4	18.5	27.7

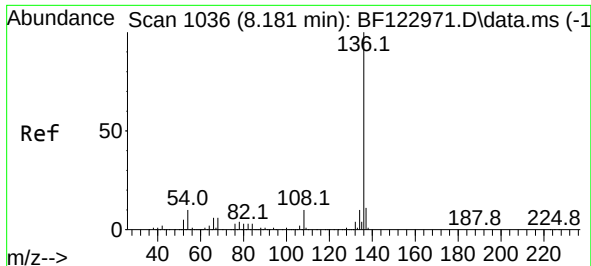


#20
3+4-Methylphenols
Concen: 44.29 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53



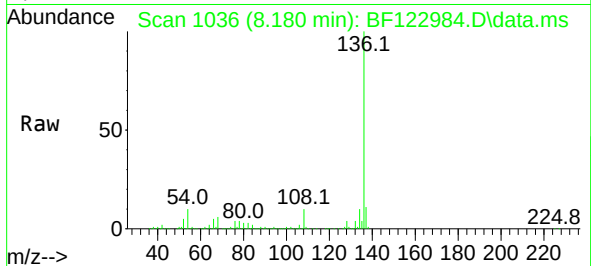
Tgt Ion:	107	Resp:	785497
Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.7	108.7
77	76.1	89.8	129.8#
79	28.0	9.8	49.8



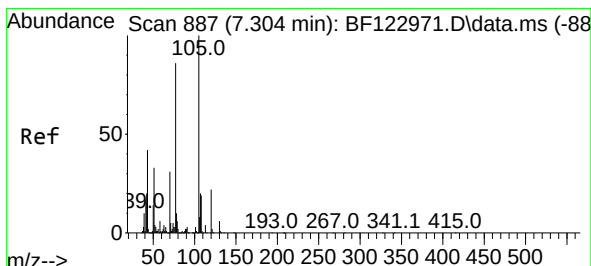
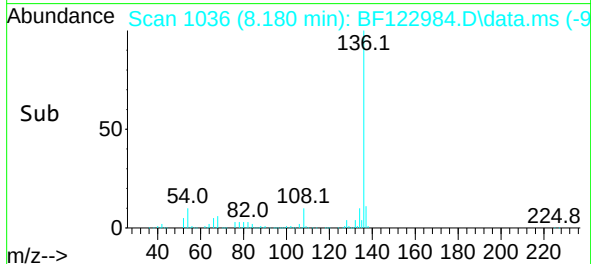
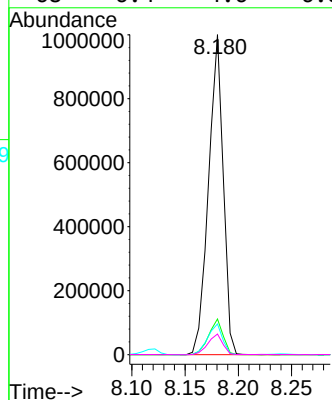


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

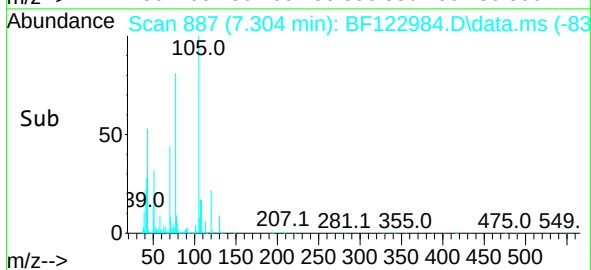
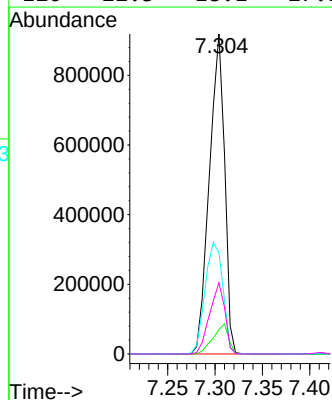
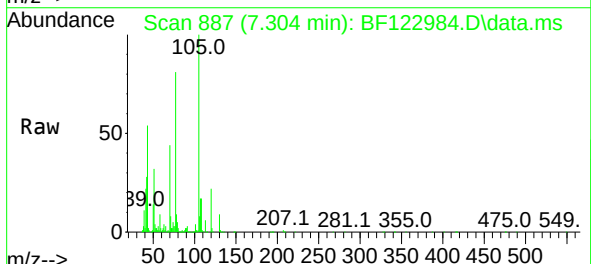


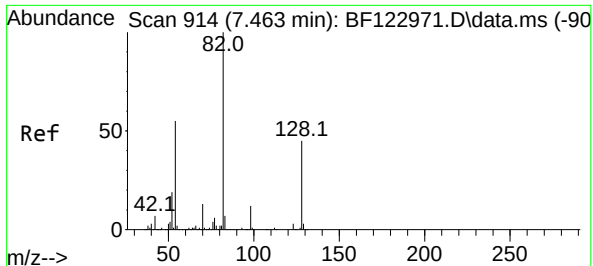
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.6	5.5	8.3#
68	6.4	4.6	6.8



#22
Acetophenone
Concen: 42.44 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.5	9.7
51	31.6	24.3	36.5
120	22.3	18.1	27.1





#23

Nitrobenzene-d5

Concen: 57.33 ng

RT: 7.457 min Scan# 913

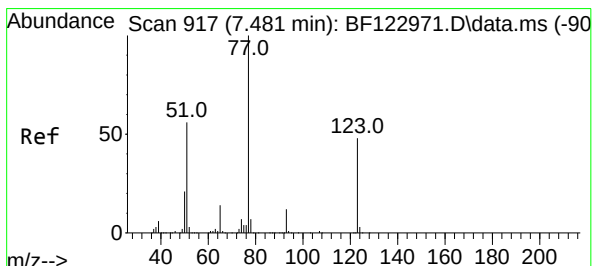
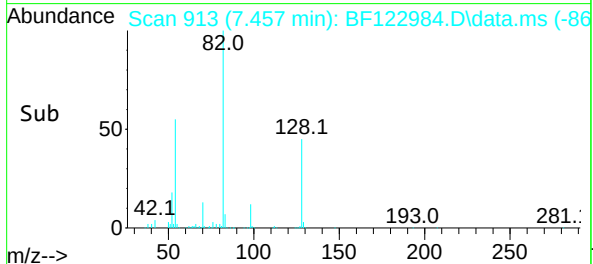
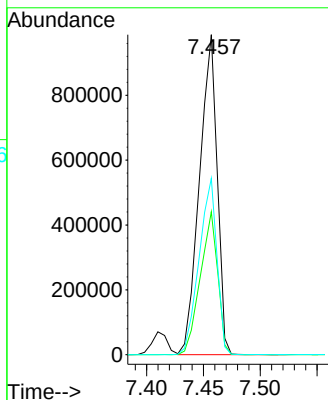
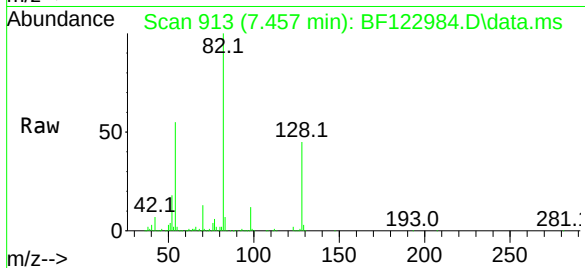
Delta R.T. -0.006 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion: 82 Resp: 1069488

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.0	55.4
54	55.1	38.4	57.6



#24

Nitrobenzene

Concen: 44.42 ng

RT: 7.475 min Scan# 916

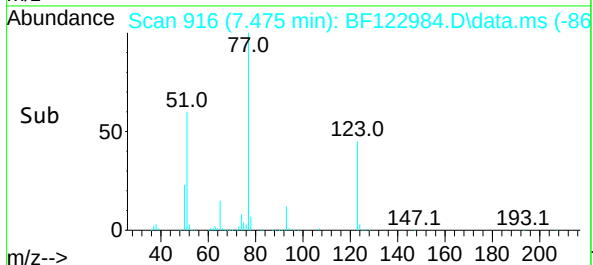
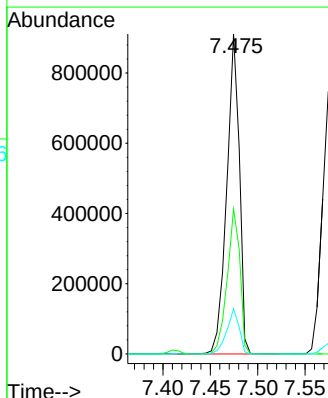
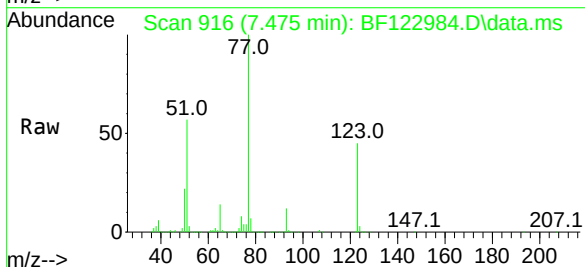
Delta R.T. -0.006 min

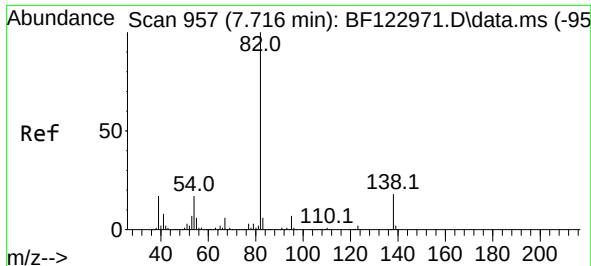
Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion: 77 Resp: 849242

Ion	Ratio	Lower	Upper
77	100		
123	45.3	39.3	58.9
65	14.1	10.6	15.8

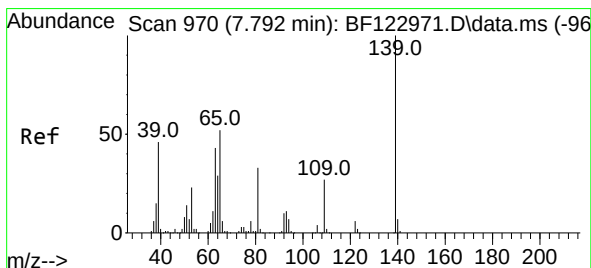
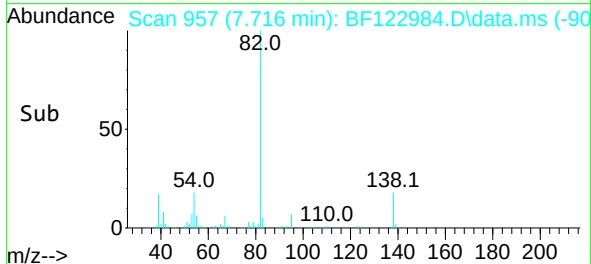
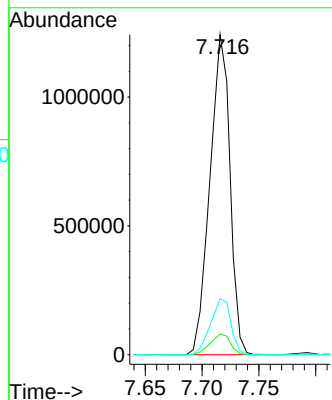
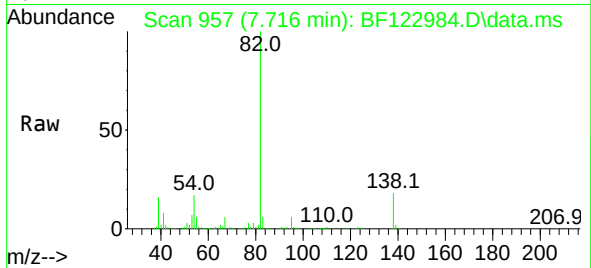




#25
Isophorone
Concen: 45.79 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

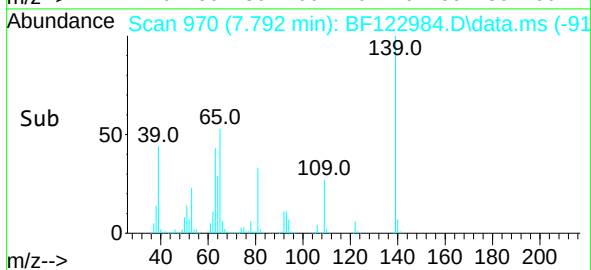
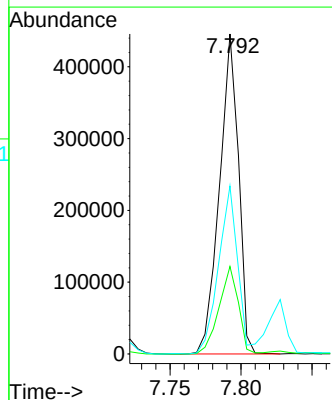
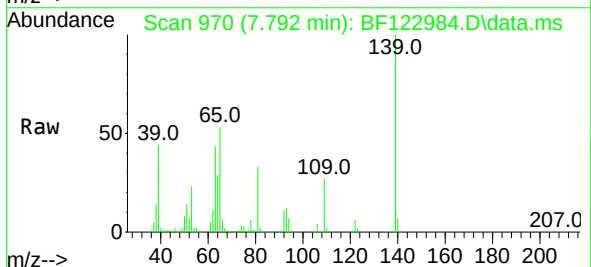
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

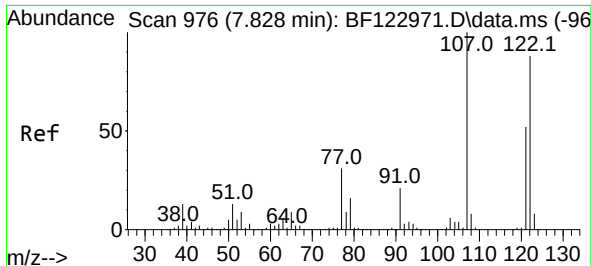
Tgt Ion: 82 Resp: 1524100
Ion Ratio Lower Upper
82 100
95 6.5 5.8 8.6
138 17.6 14.6 21.8



#26
2-Nitrophenol
Concen: 48.04 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion: 139 Resp: 414866
Ion Ratio Lower Upper
139 100
109 27.4 24.0 36.0
65 52.5 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 50.98 ng

RT: 7.828 min Scan# 976

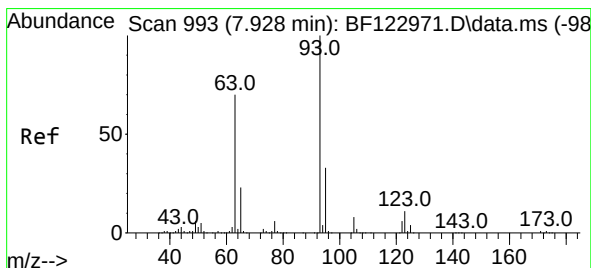
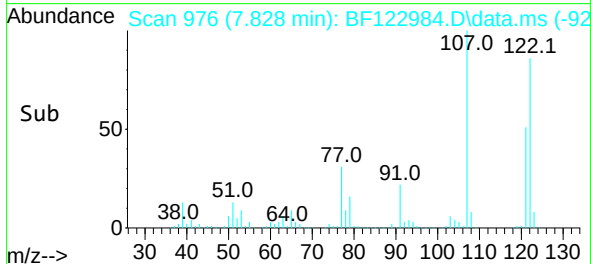
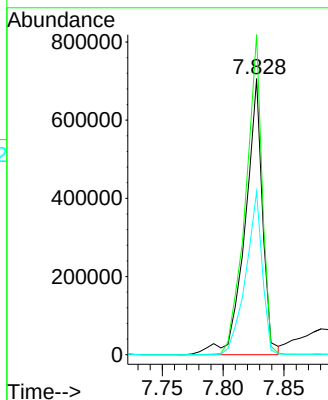
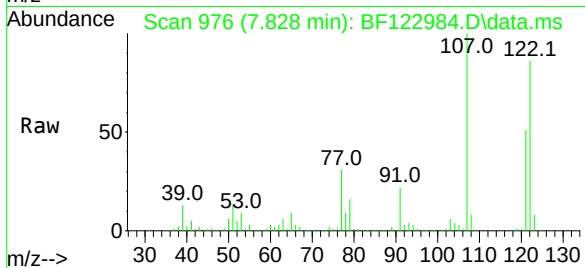
Delta R.T. -0.000 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion:122 Resp: 701054

Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.8	137.8
121	59.1	47.3	70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.01 ng

RT: 7.928 min Scan# 993

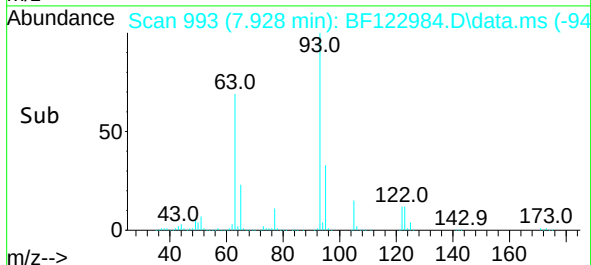
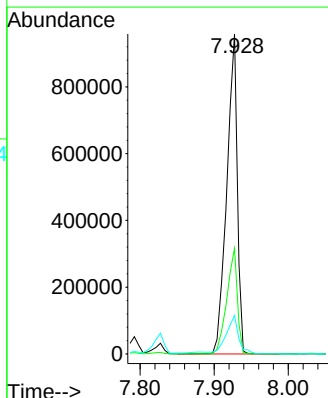
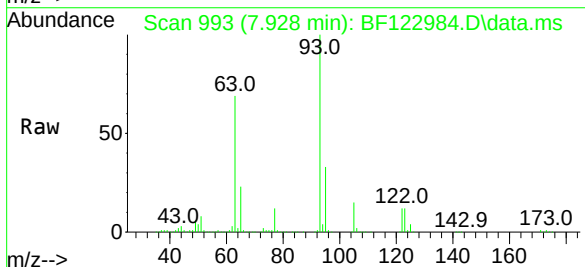
Delta R.T. -0.000 min

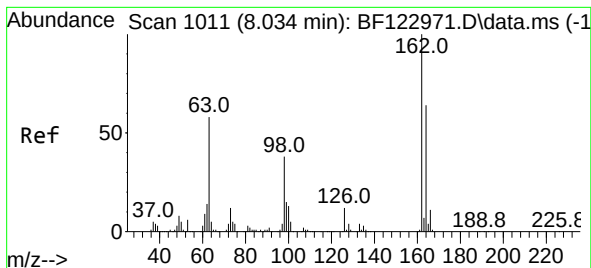
Lab File: BF122984.D

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Tgt Ion: 93 Resp: 945190

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	12.0	9.2	13.8

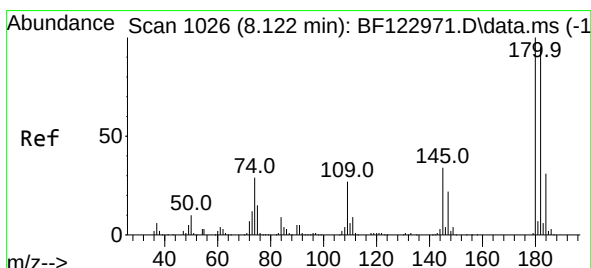
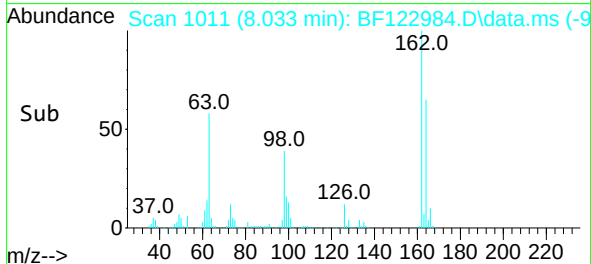
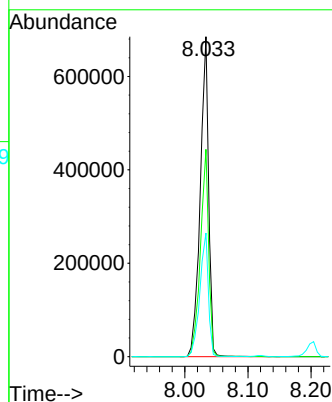
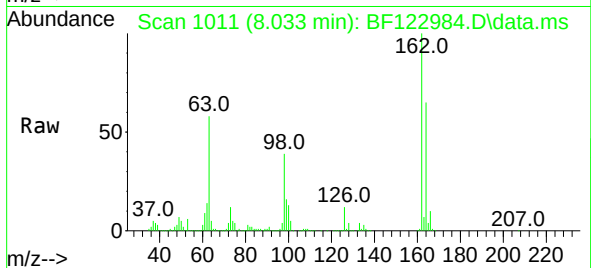




#29
2,4-Dichlorophenol
Concen: 44.07 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

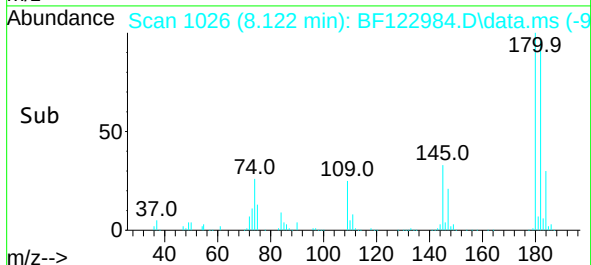
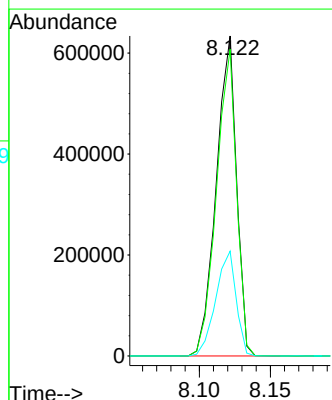
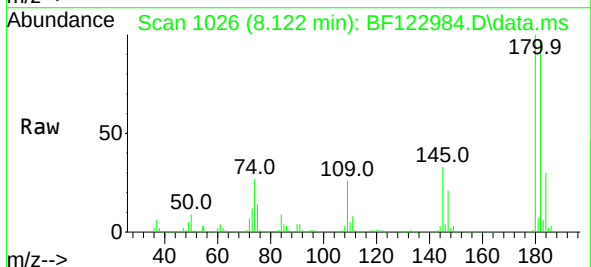
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

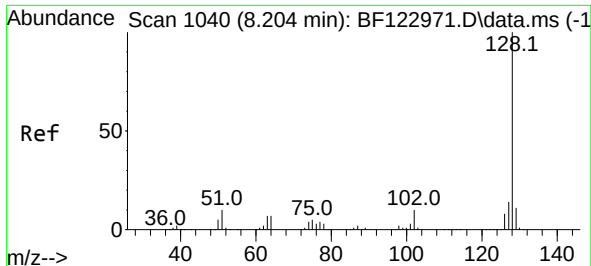
Tgt Ion:162 Resp: 632695
Ion Ratio Lower Upper
162 100
164 64.8 43.2 83.2
98 38.6 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 41.03 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:180 Resp: 627506
Ion Ratio Lower Upper
180 100
182 95.8 75.7 113.5
145 32.7 25.0 37.4

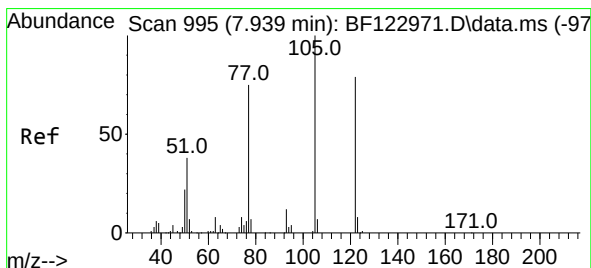
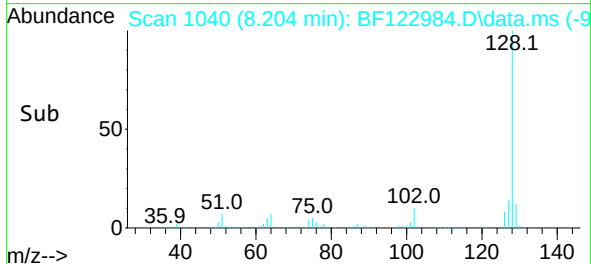
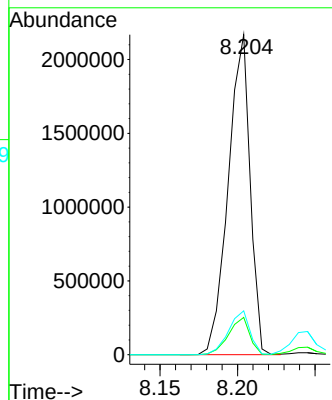
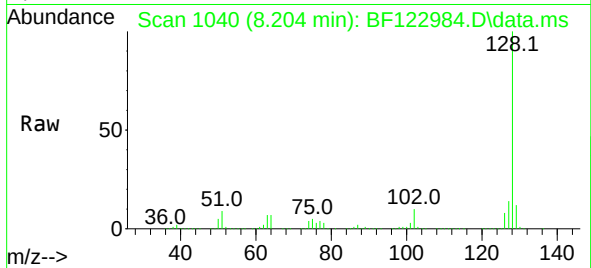




#31
Naphthalene
Concen: 43.06 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

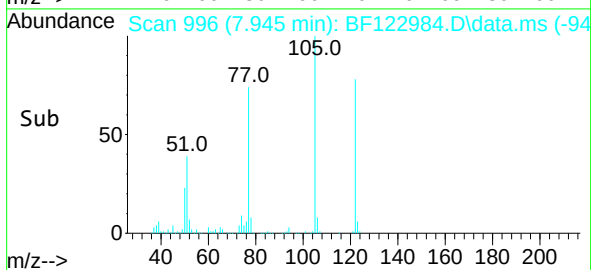
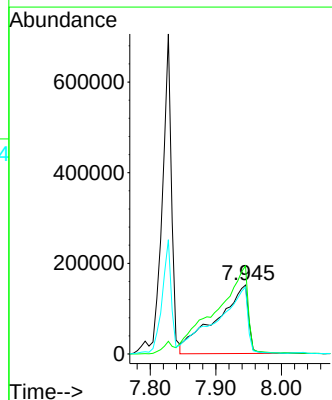
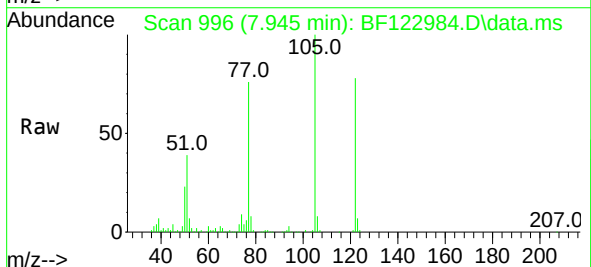
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

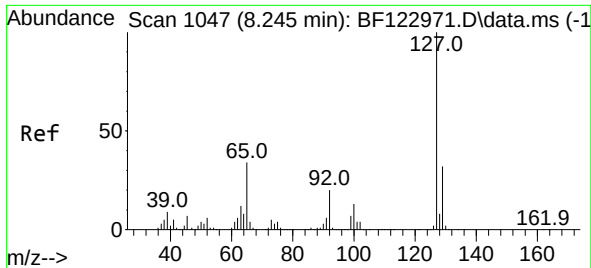
Tgt Ion:128 Resp: 2125110
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 44.57 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:122 Resp: 514968
Ion Ratio Lower Upper
122 100
105 127.8 104.8 144.8
77 97.4 71.0 111.0

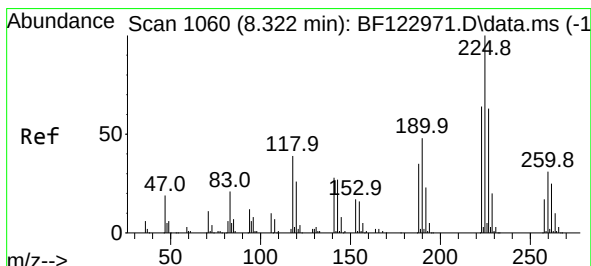
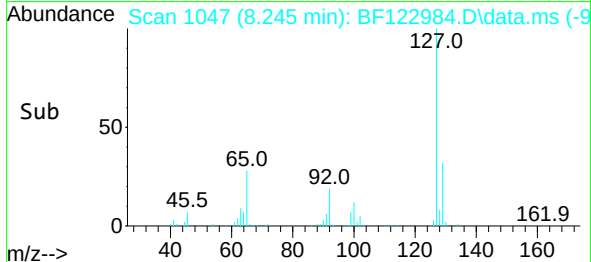
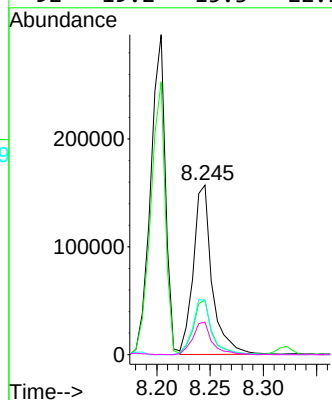
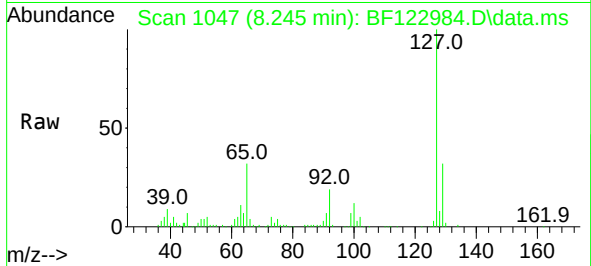




#33
4-Chloroaniline
Concen: 8.92 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

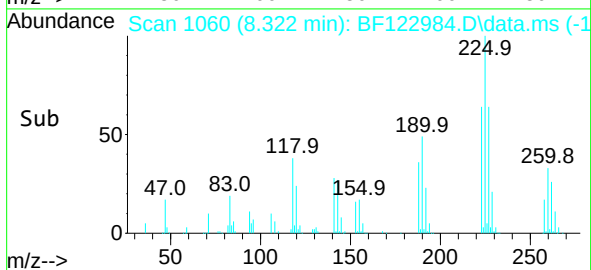
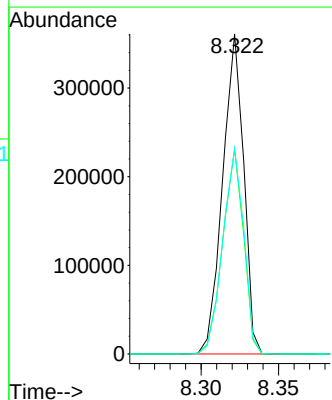
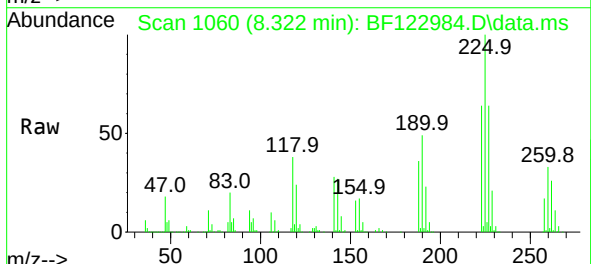
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

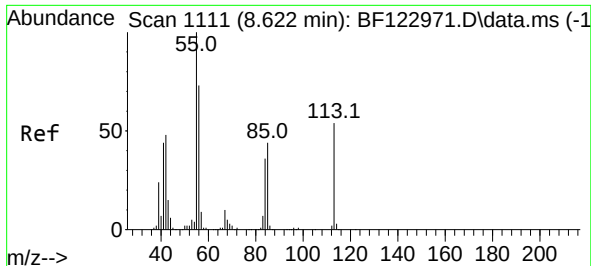
Tgt Ion:	127	Resp:	191964
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.2	39.2
65	32.2	22.2	33.2
92	19.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.64 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:	225	Resp:	339736
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.7	76.1
227	64.2	51.7	77.5

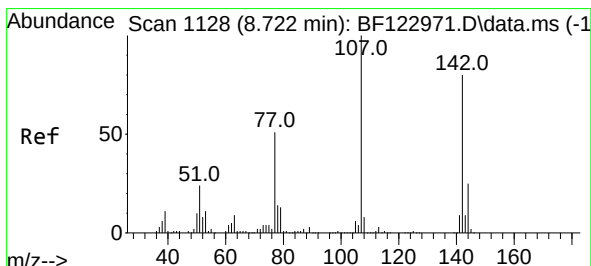
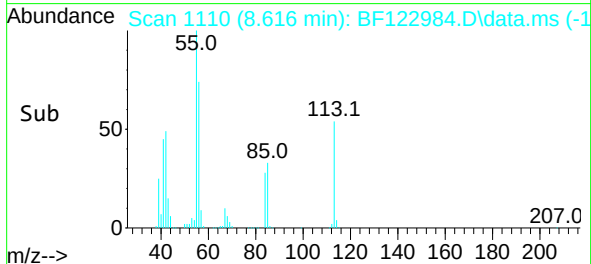
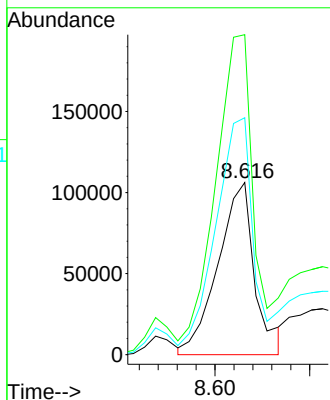
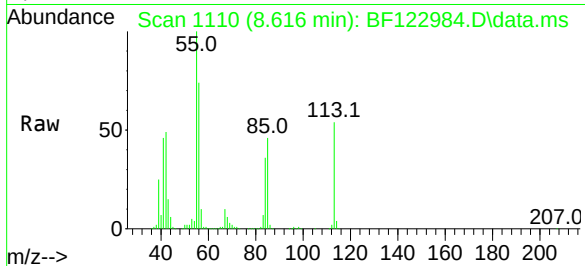




#35
 Caprolactam
 Concen: 29.27 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF122984.D
 Acq: 18 Jan 2021 12:53

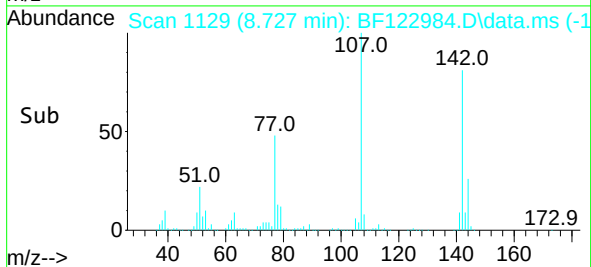
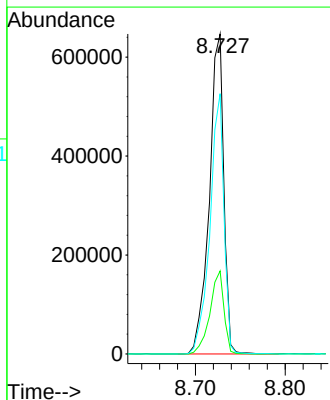
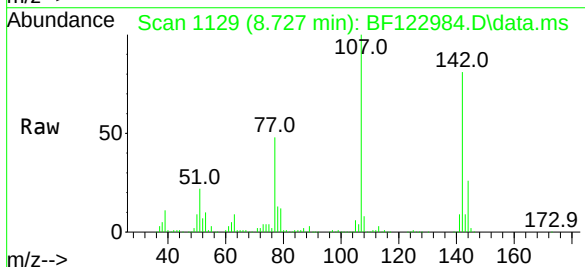
Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-RBF-DARKMS

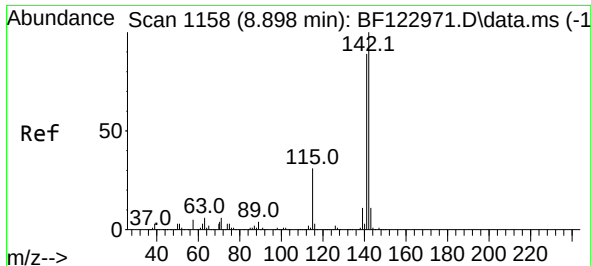
Tgt Ion:113 Resp: 142829
 Ion Ratio Lower Upper
 113 100
 55 185.8 133.7 173.7#
 56 137.6 95.3 135.3#



#36
 4-Chloro-3-methylphenol
 Concen: 47.51 ng
 RT: 8.727 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: BF122984.D
 Acq: 18 Jan 2021 12:53

Tgt Ion:107 Resp: 725503
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.2 30.2
 142 81.3 64.4 96.6

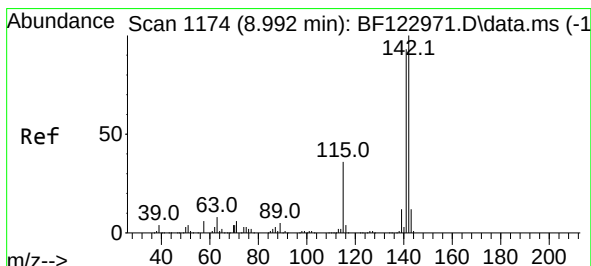
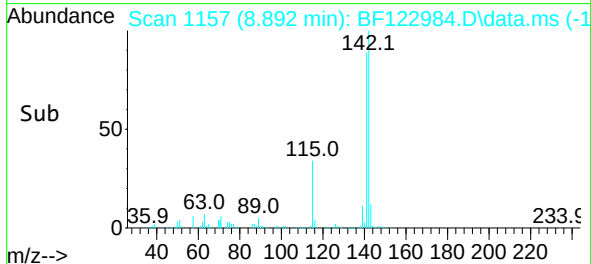
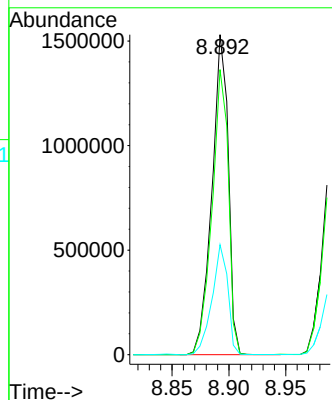
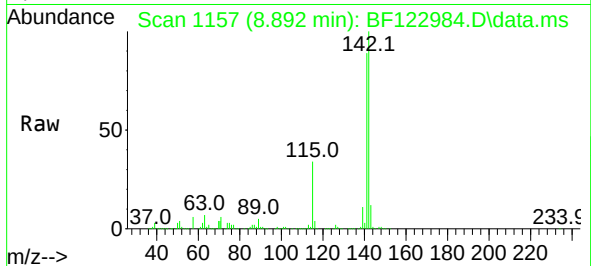




#37
2-Methylnaphthalene
Concen: 44.92 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

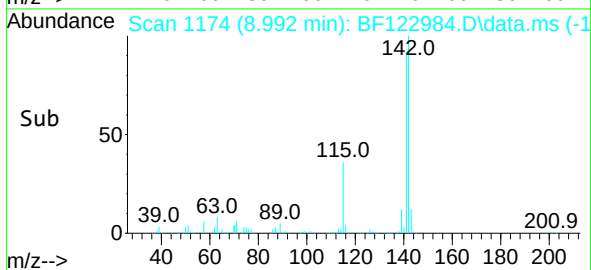
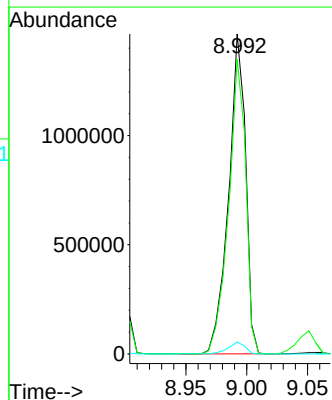
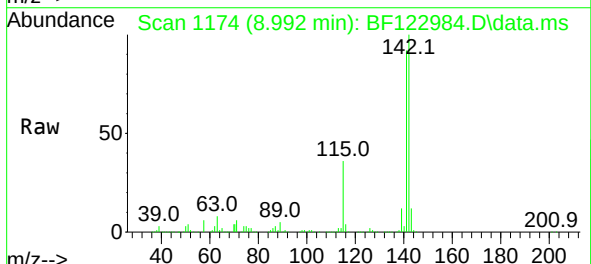
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

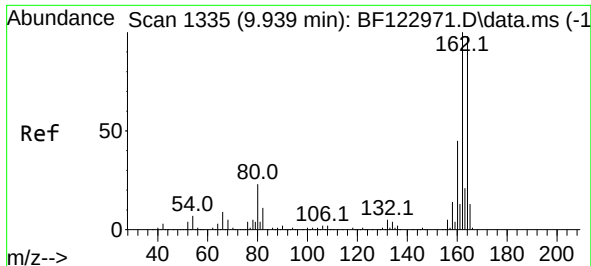
Tgt Ion:142 Resp: 1529129
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0
115 34.4 28.7 43.1



#38
1-Methylnaphthalene
Concen: 44.36 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:142 Resp: 1426315
Ion Ratio Lower Upper
142 100
141 92.2 74.5 111.7
116 3.7 3.2 4.8

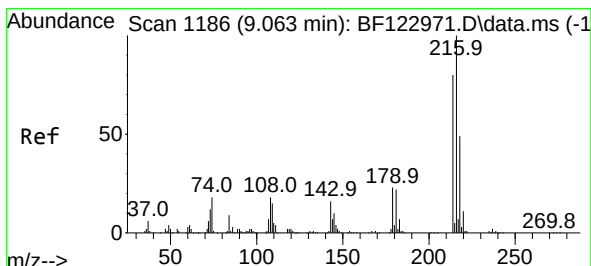
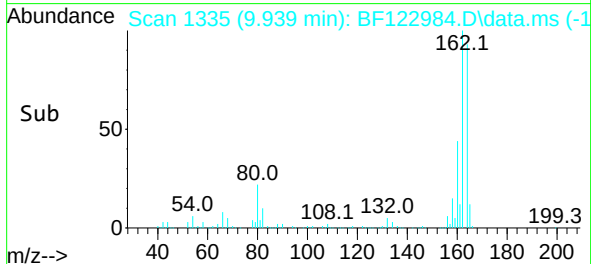
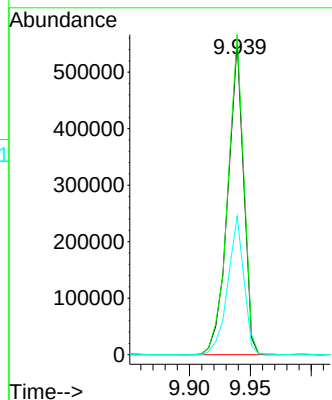
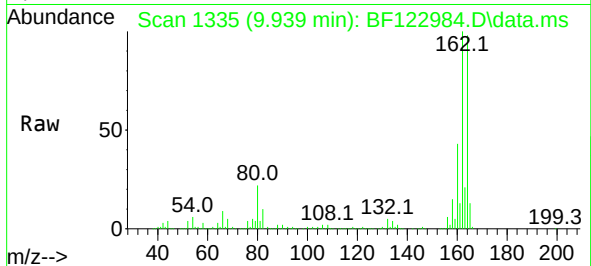




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

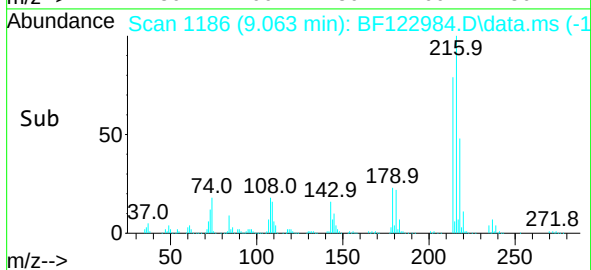
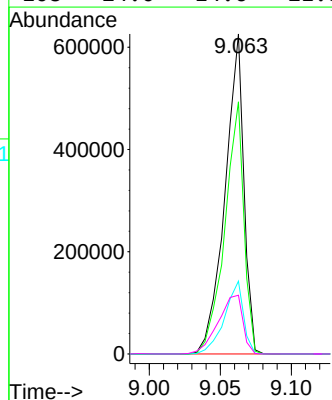
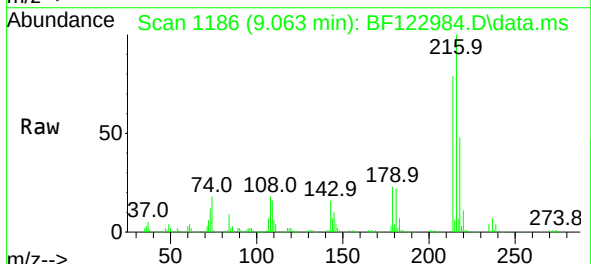
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ClientSampleId :
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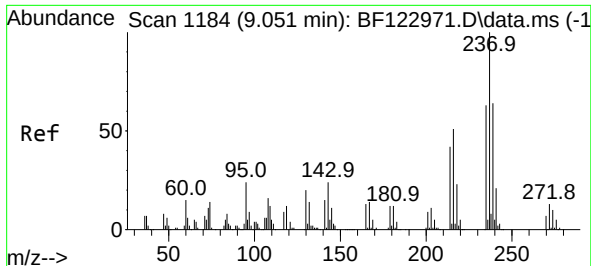
Tgt Ion:164 Resp: 505039
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.80 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:216 Resp: 579533
Ion Ratio Lower Upper
216 100
214 79.3 63.1 94.7
179 22.8 17.1 25.7
108 24.0 14.6 21.8#

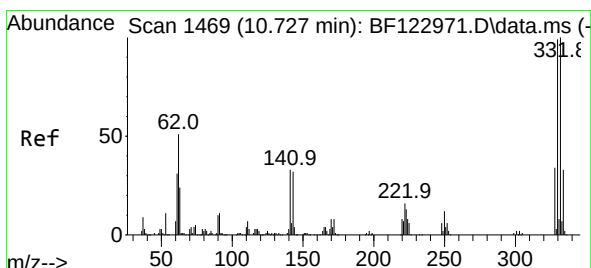
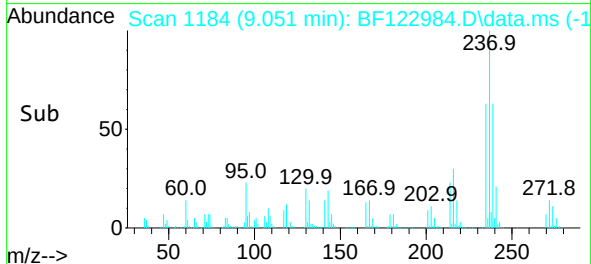
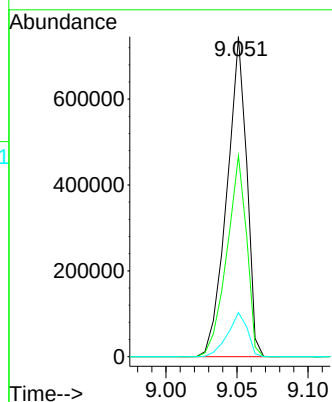
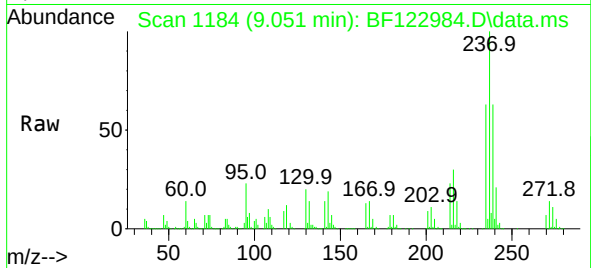




#41
Hexachlorocyclopentadiene
Concen: 107.61 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

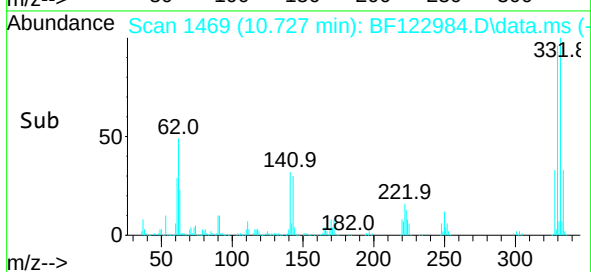
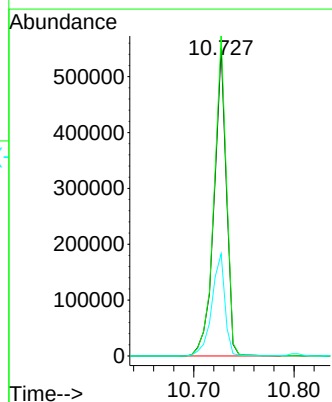
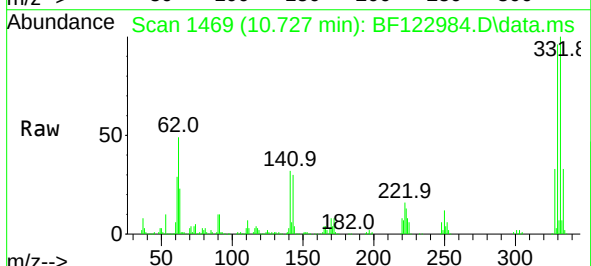
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ClientSampleId :
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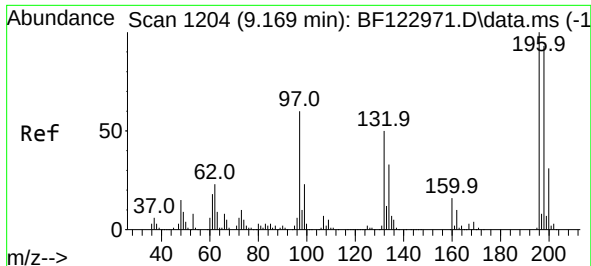
Tgt Ion:237 Resp: 724740
Ion Ratio Lower Upper
237 100
235 62.8 40.9 80.9
272 13.8 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 83.16 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:330 Resp: 474949
Ion Ratio Lower Upper
330 100
332 104.1 77.5 116.3
141 35.1 23.8 35.8

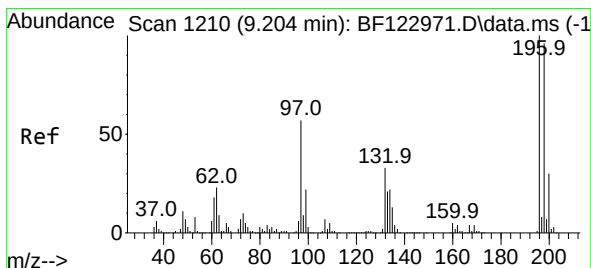
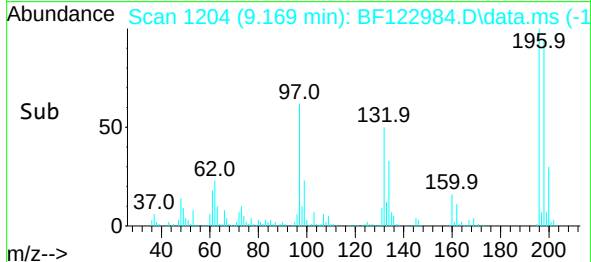
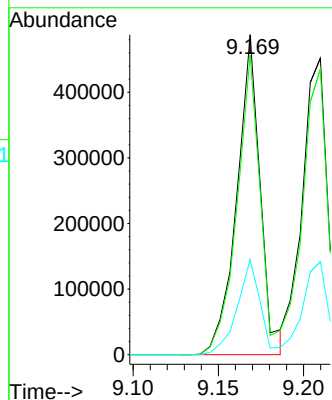
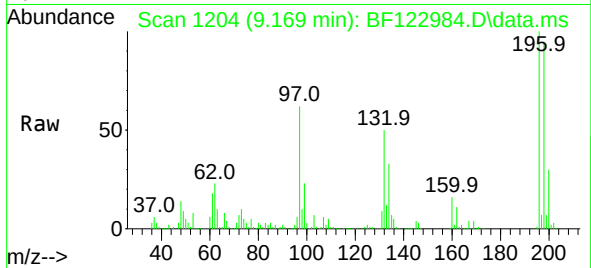




#43
2,4,6-Trichlorophenol
Concen: 44.87 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

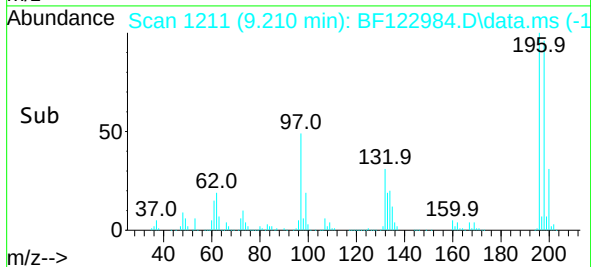
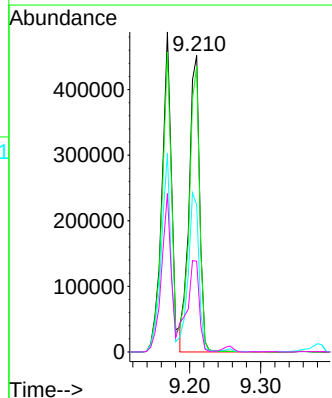
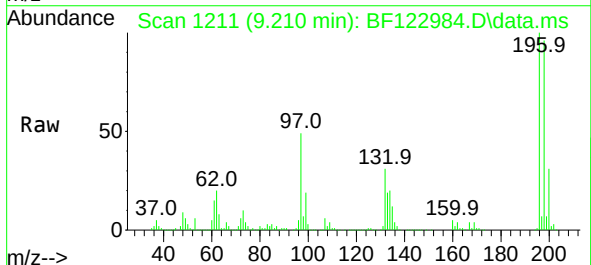
Instrument :
BNA_F
ClientSampleId :
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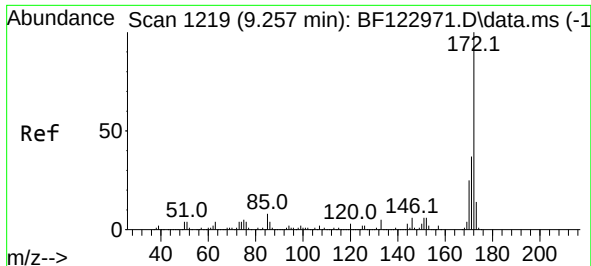
Tgt Ion:196 Resp: 463753
Ion Ratio Lower Upper
196 100
198 93.7 75.1 112.7
200 29.7 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 44.49 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:196 Resp: 466573
Ion Ratio Lower Upper
196 100
198 96.4 76.5 114.7
97 49.5 40.1 60.1
132 30.6 23.3 34.9

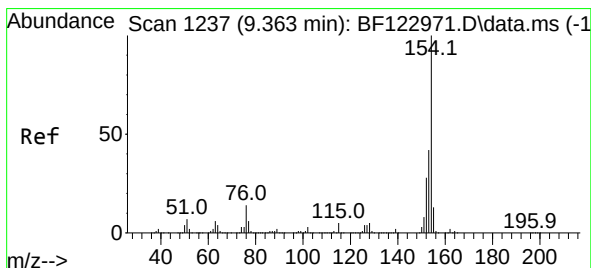
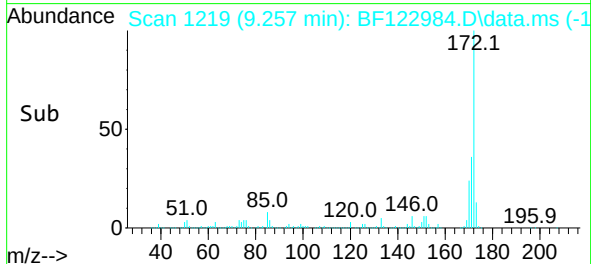
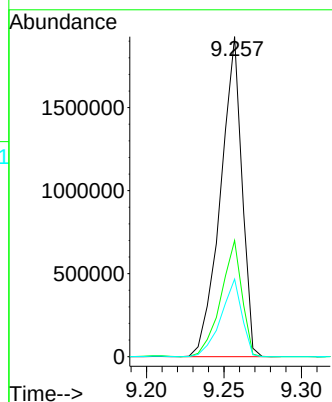
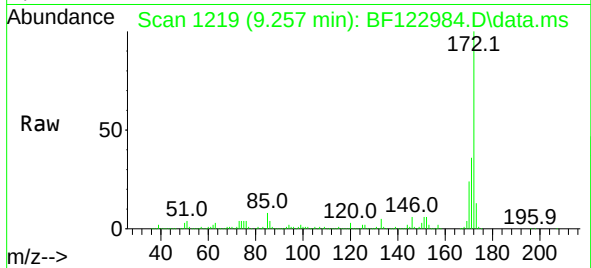




#45
2-Fluorobiphenyl
Concen: 51.48 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

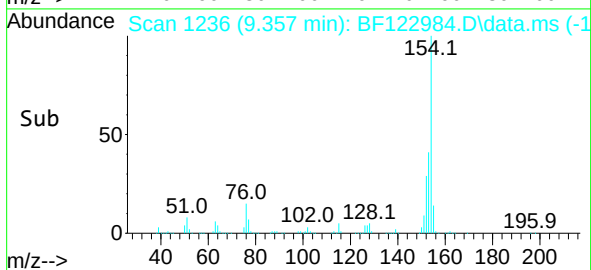
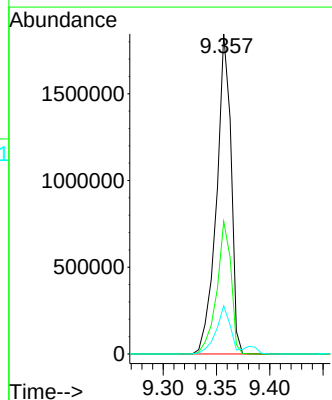
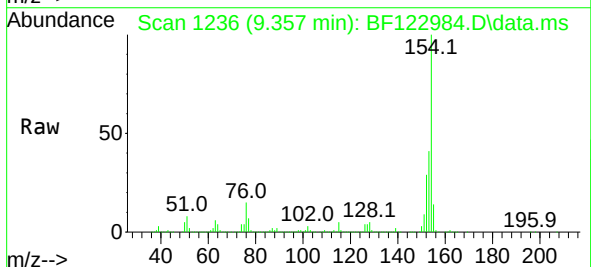
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

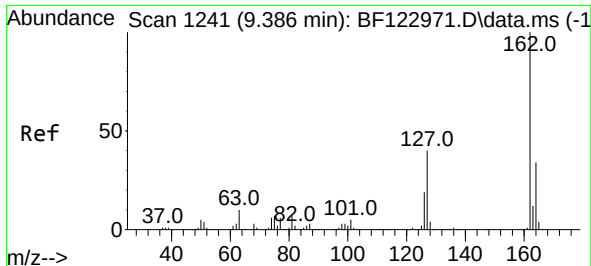
Tgt Ion:172 Resp: 1856565
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 42.29 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:154 Resp: 1737042
Ion Ratio Lower Upper
154 100
153 41.4 21.8 61.8
76 15.0 0.0 33.4

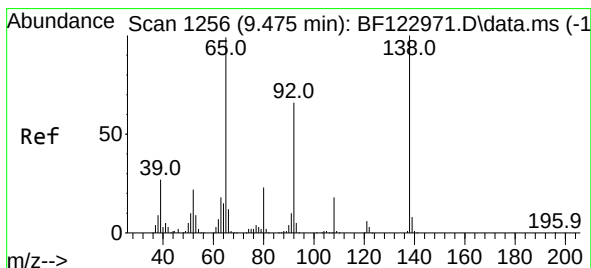
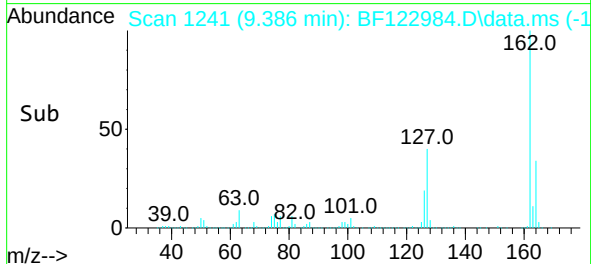
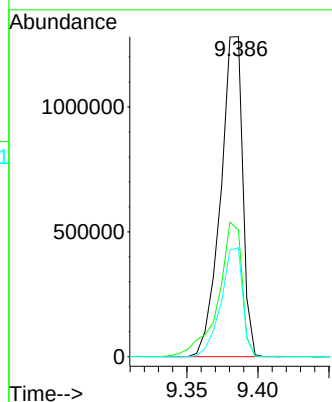
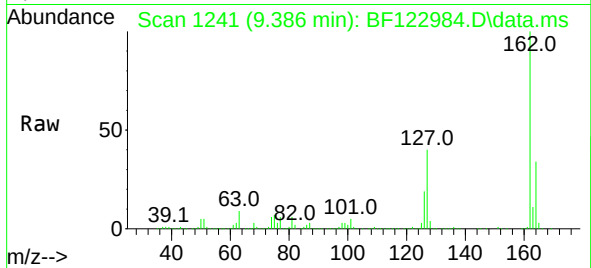




#47
2-Chloronaphthalene
Concen: 40.39 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

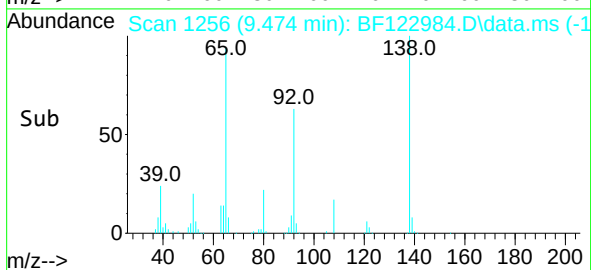
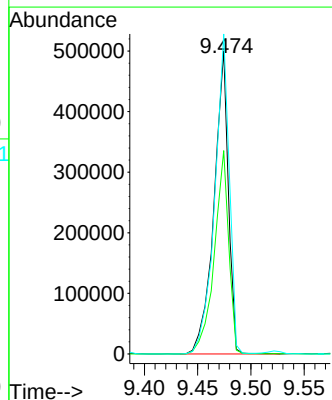
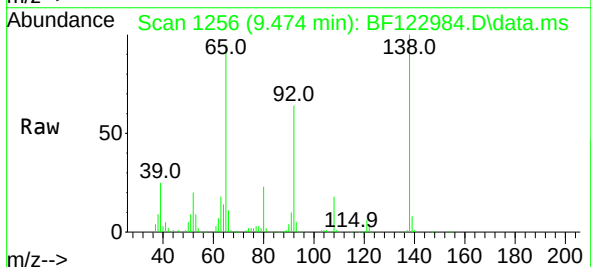
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

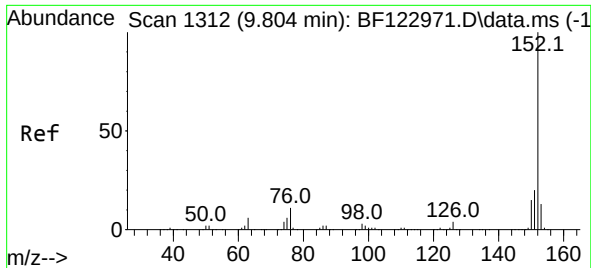
Tgt Ion:162 Resp: 1384120
Ion Ratio Lower Upper
162 100
127 39.6 33.8 50.8
164 34.1 26.5 39.7



#48
2-Nitroaniline
Concen: 40.29 ng
RT: 9.474 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion: 65 Resp: 470641
Ion Ratio Lower Upper
65 100
92 67.1 60.0 90.0
138 105.6 100.6 151.0

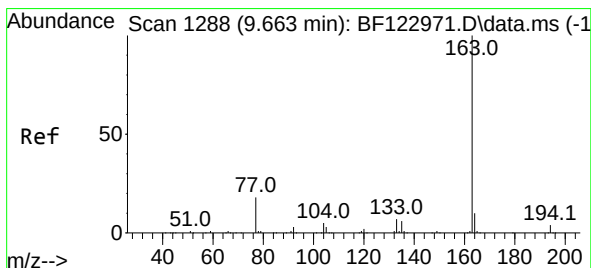
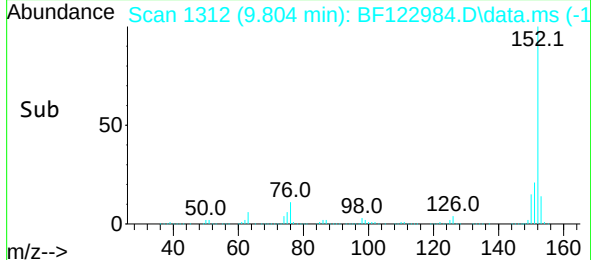
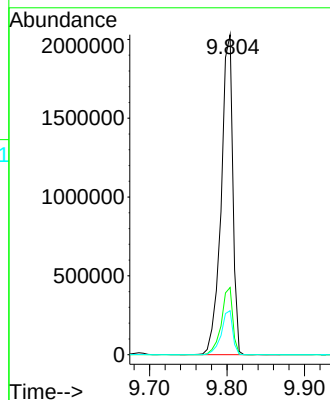
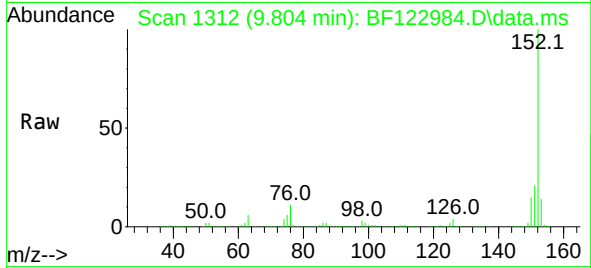




#49
Acenaphthylene
Concen: 42.34 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

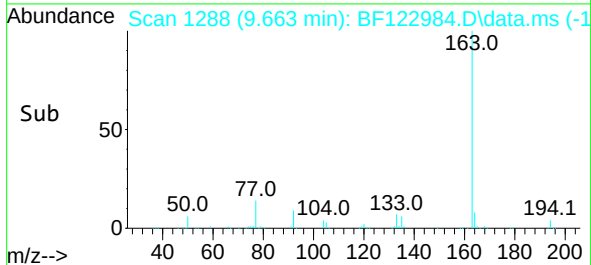
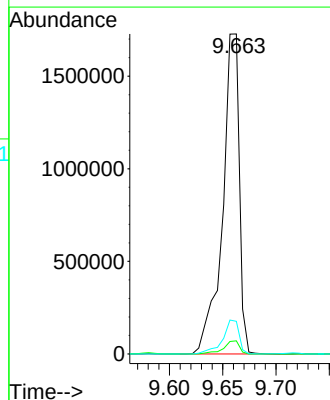
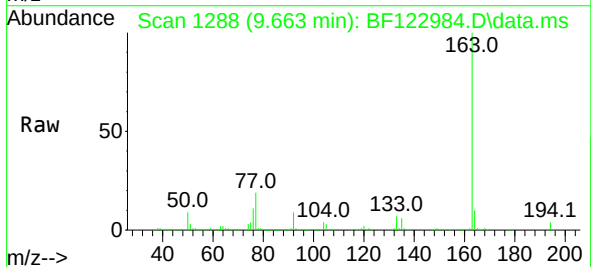
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

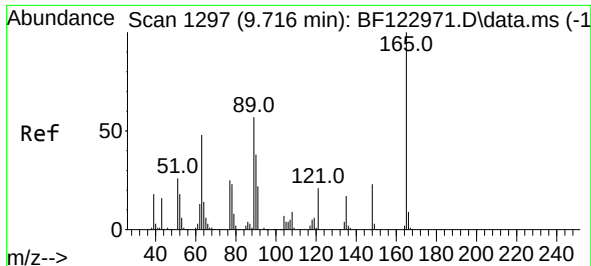
Tgt Ion:152 Resp: 2116734
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 13.7 10.9 16.3



#50
Dimethylphthalate
Concen: 48.12 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:163 Resp: 1886334
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1

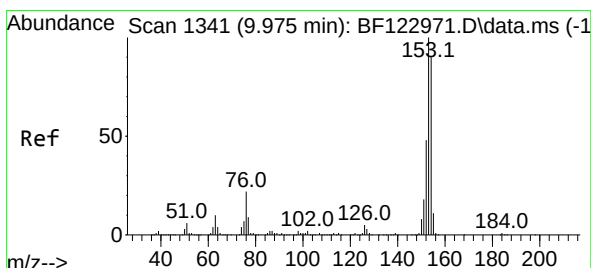
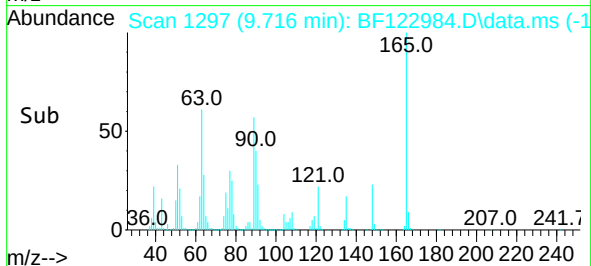
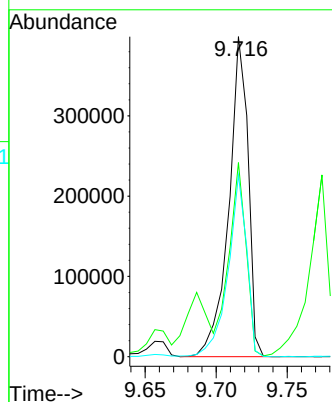
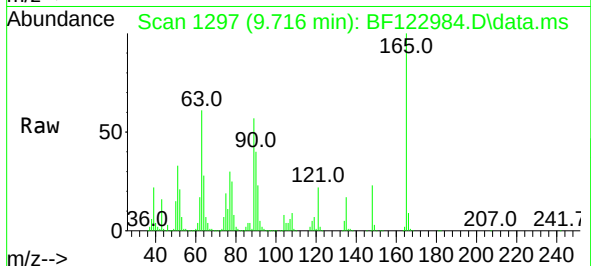




#51
2,6-Dinitrotoluene
Concen: 43.90 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

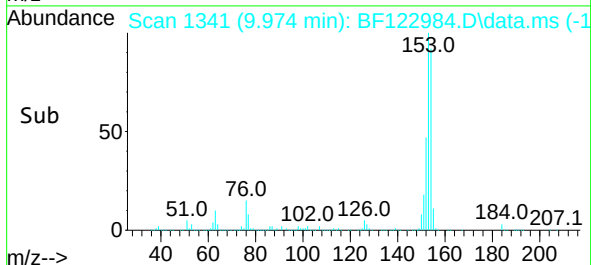
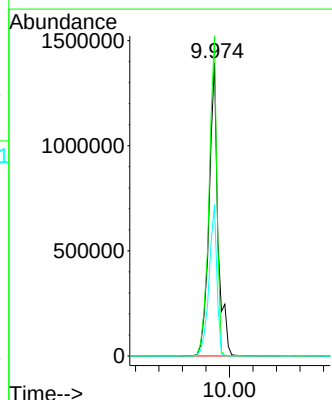
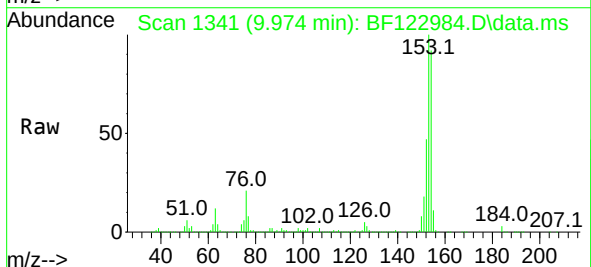
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

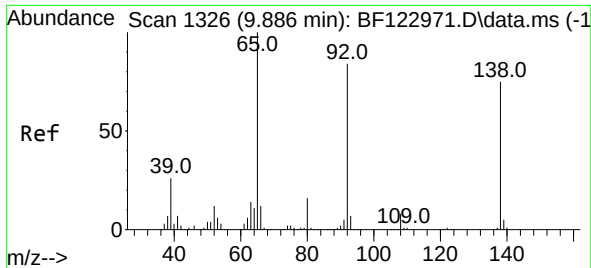
Tgt Ion:165 Resp: 376392
Ion Ratio Lower Upper
165 100
63 60.7 36.6 55.0#
89 56.8 39.4 59.0



#52
Acenaphthene
Concen: 45.85 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:154 Resp: 1481759
Ion Ratio Lower Upper
154 100
153 109.1 89.0 133.6
152 51.6 42.7 64.1

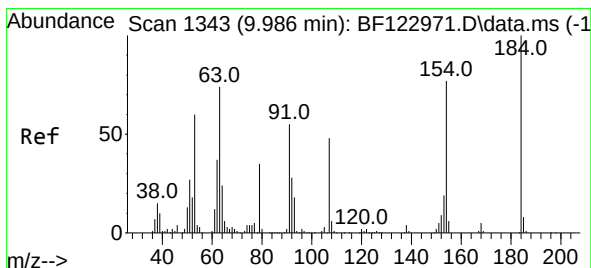
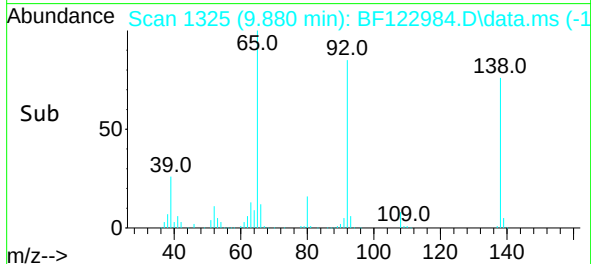
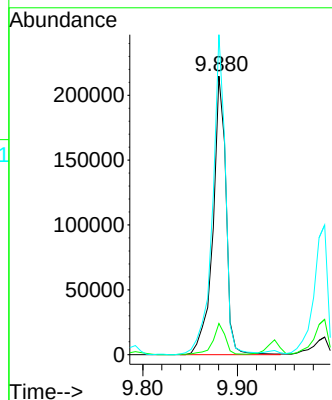
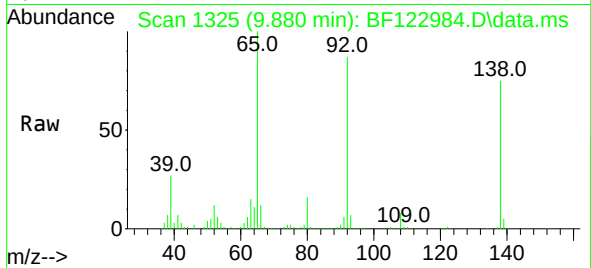




#53
3-Nitroaniline
Concen: 19.38 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

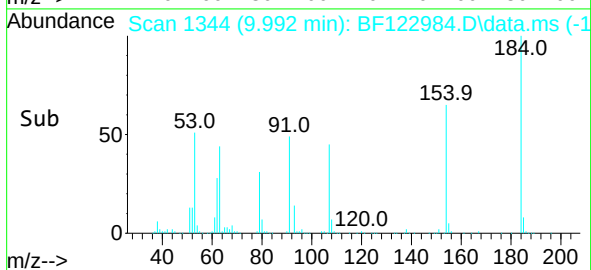
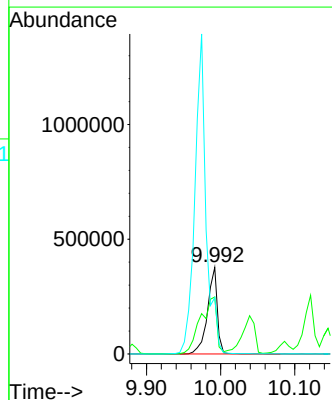
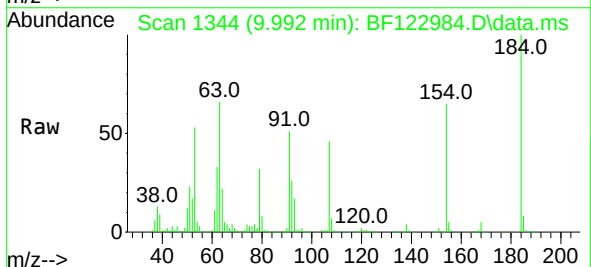
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

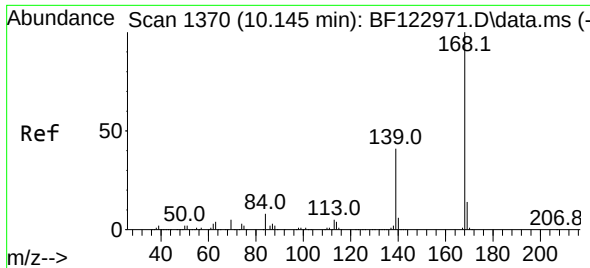
Tgt Ion:138 Resp: 205410
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.2
92 114.9 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 72.22 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

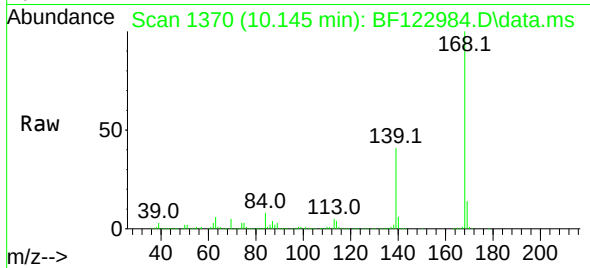
Tgt Ion:184 Resp: 349129
Ion Ratio Lower Upper
184 100
63 65.7 51.4 77.2
154 65.0 49.7 74.5



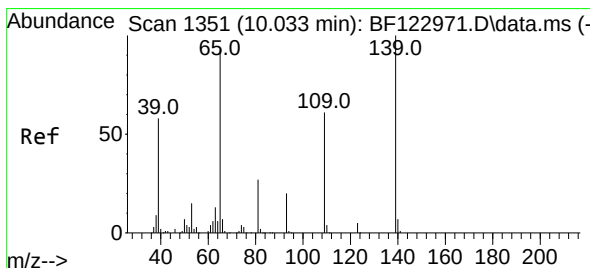
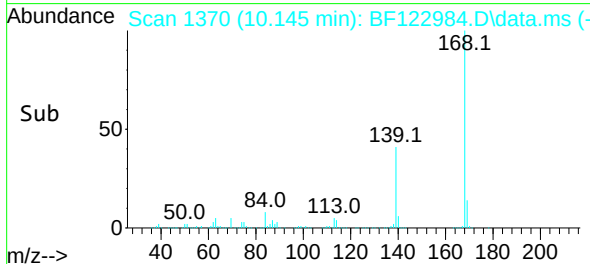
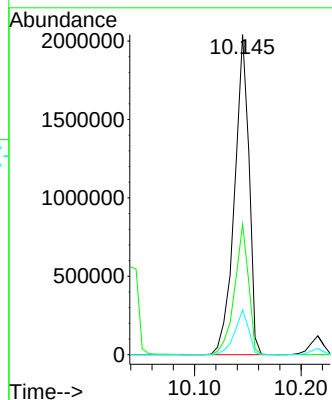


#55
Dibenzenofuran
Concen: 42.78 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

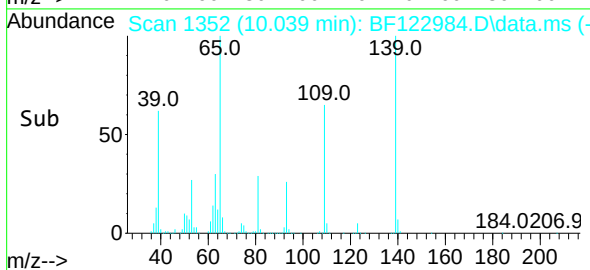
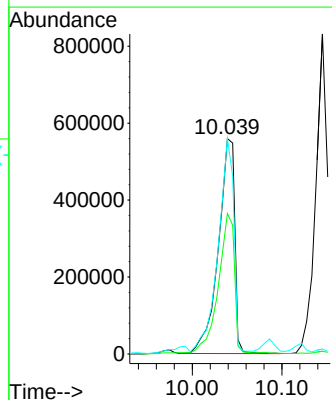
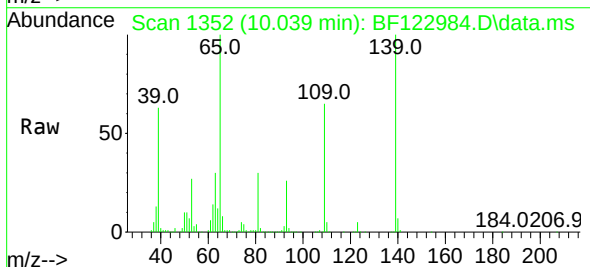


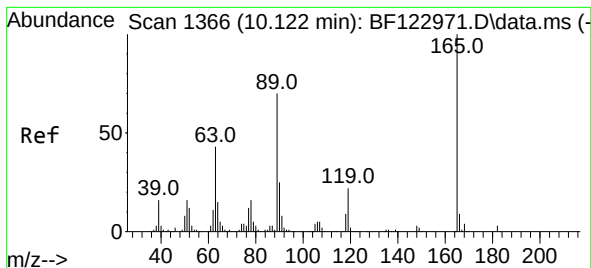
Tgt Ion:168 Resp: 1927197
Ion Ratio Lower Upper
168 100
139 40.8 31.3 46.9
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 90.78 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:139 Resp: 709168
Ion Ratio Lower Upper
139 100
109 65.2 45.1 85.1
65 100.1 59.2 99.2#

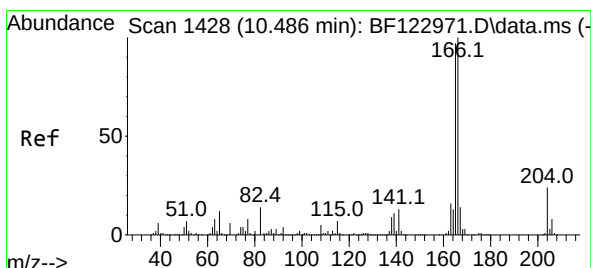
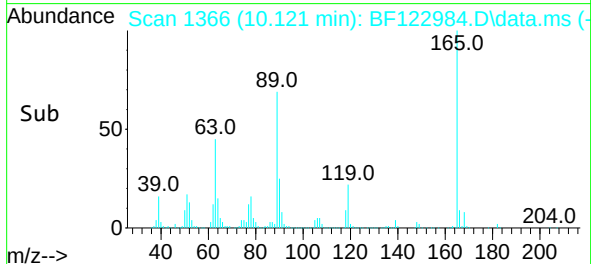
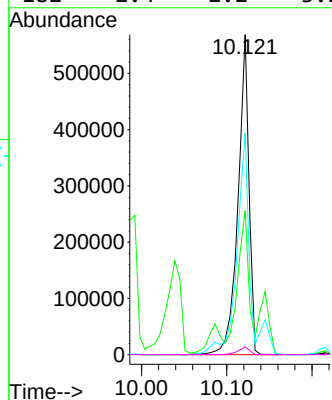
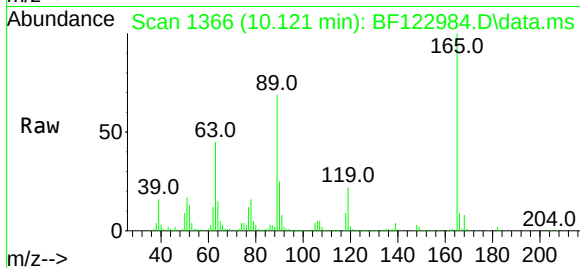




#57
2,4-Dinitrotoluene
Concen: 46.19 ng
RT: 10.121 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

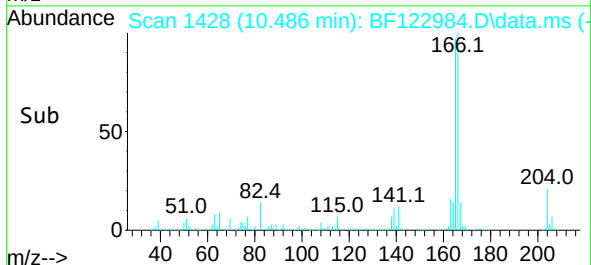
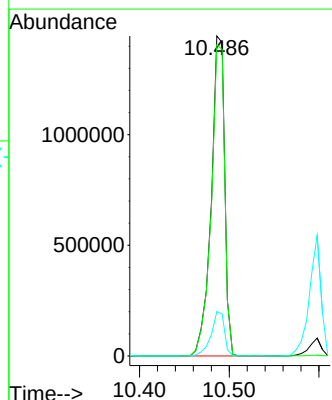
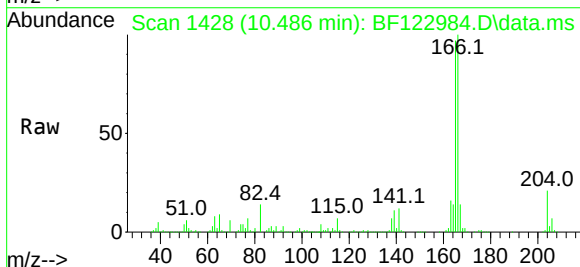
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

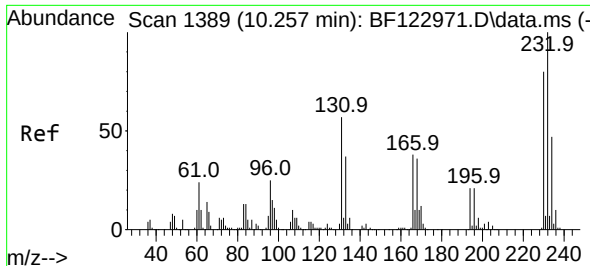
Tgt Ion:165 Resp: 509449
Ion Ratio Lower Upper
165 100
63 45.1 34.3 51.5
89 69.4 55.2 82.8
182 2.4 2.2 3.2



#58
Fluorene
Concen: 42.73 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:166 Resp: 1505526
Ion Ratio Lower Upper
166 100
165 97.2 79.4 119.0
167 13.9 10.9 16.3



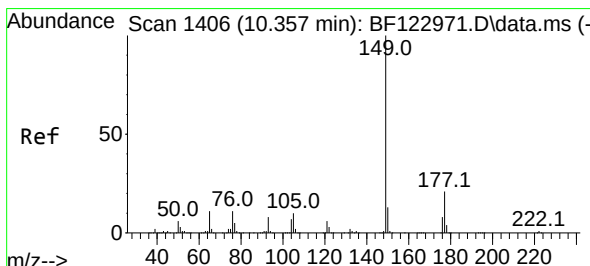
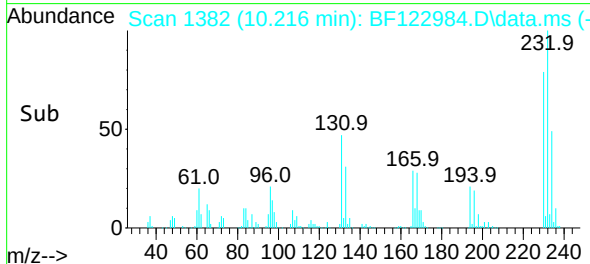
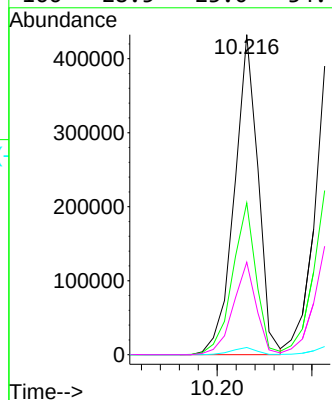
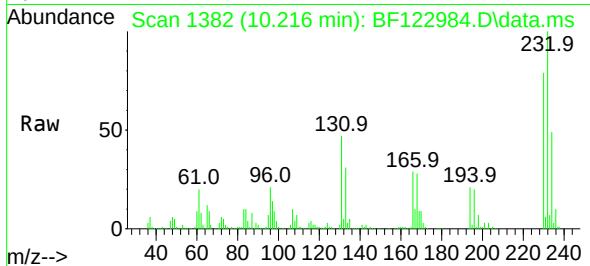


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.73 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.041 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

Tgt Ion:232 Resp: 374371

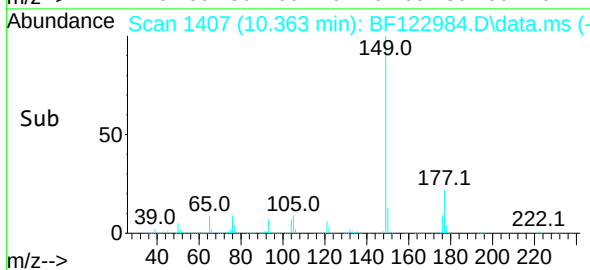
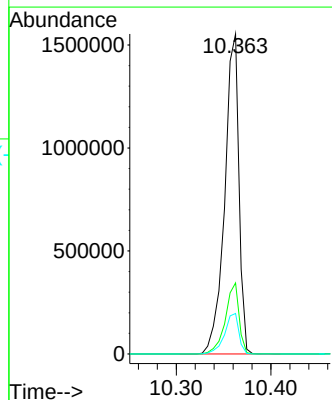
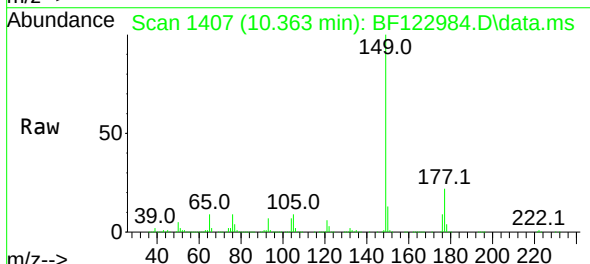
Ion	Ratio	Lower	Upper
232	100		
131	47.5	33.0	49.4
130	2.4	1.7	2.5
166	28.5	23.0	34.4

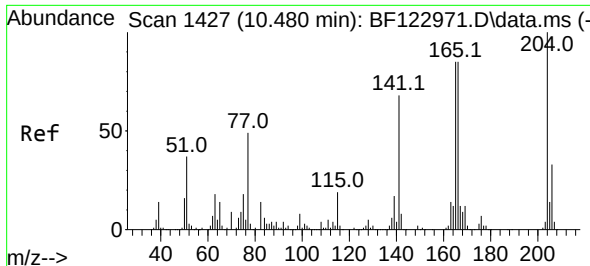


#60
Diethylphthalate
Concen: 42.66 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:149 Resp: 1625105

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.4
150	12.6	10.1	15.1

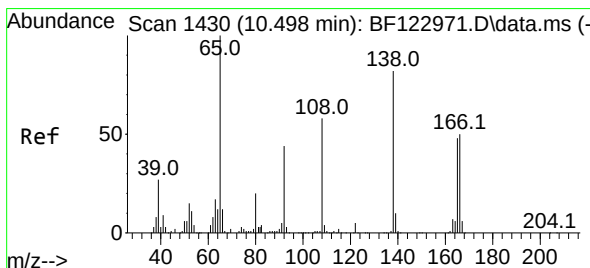
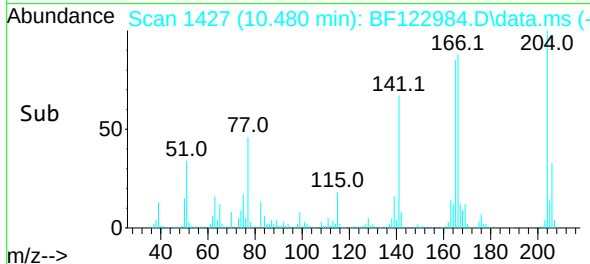
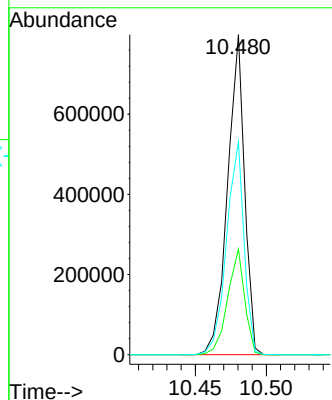
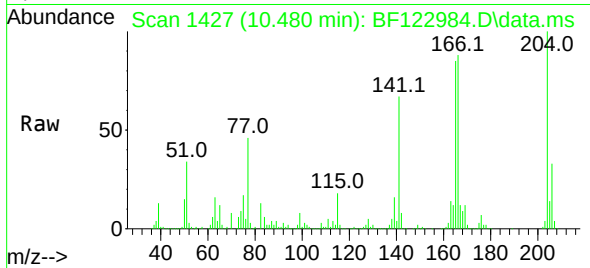




#61
4-Chlorophenyl-phenylether
Concen: 41.95 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

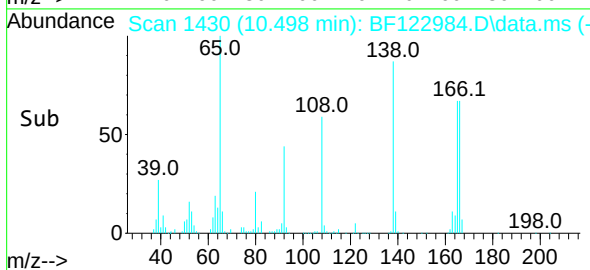
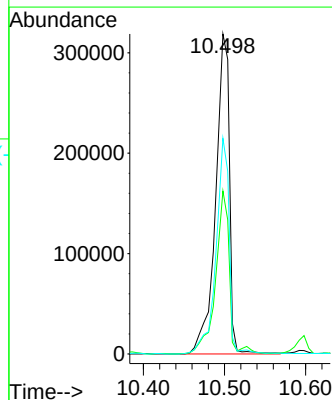
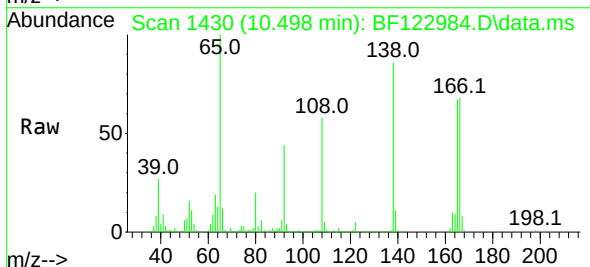
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

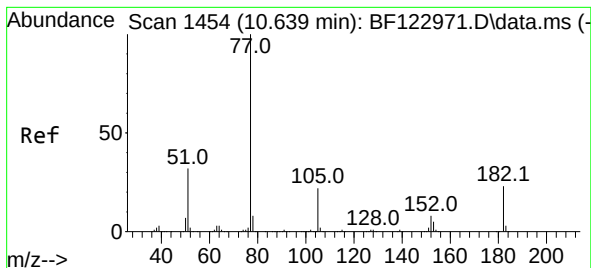
Tgt Ion:204 Resp: 664642
Ion Ratio Lower Upper
204 100
206 33.0 27.0 40.4
141 66.6 50.4 75.6



#62
4-Nitroaniline
Concen: 36.07 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:138 Resp: 377098
Ion Ratio Lower Upper
138 100
92 50.9 31.0 71.0
108 67.4 54.8 94.8





#63

Azobenzene

Concen: 42.53 ng

RT: 10.639 min Scan# 1454

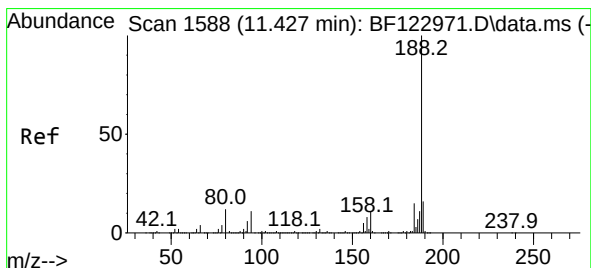
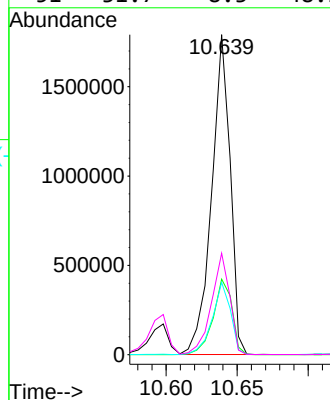
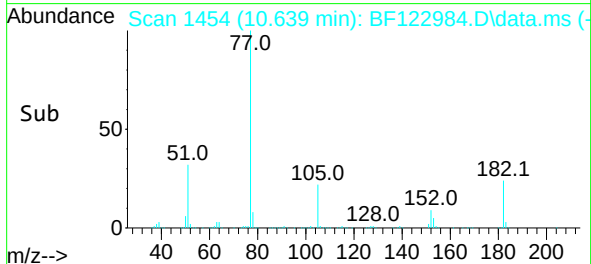
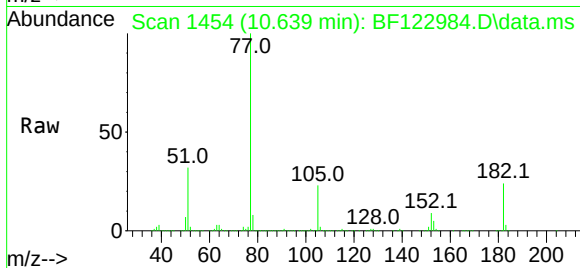
Delta R.T. -0.000 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion: 77 Resp: 1621362

Ion	Ratio	Lower	Upper
77	100		
182	23.6	5.6	45.6
105	22.6	1.8	41.8
51	31.7	8.3	48.3



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.427 min Scan# 1588

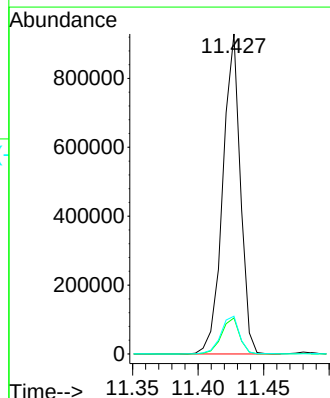
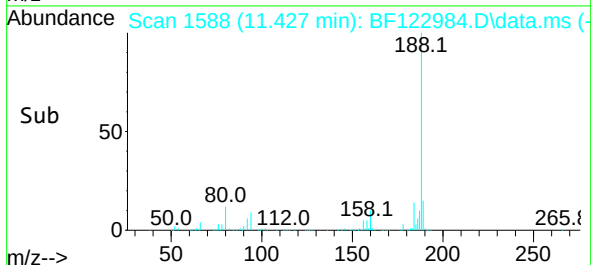
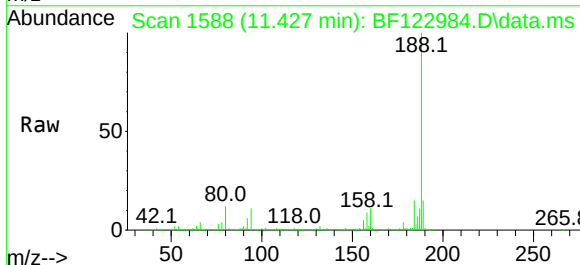
Delta R.T. -0.000 min

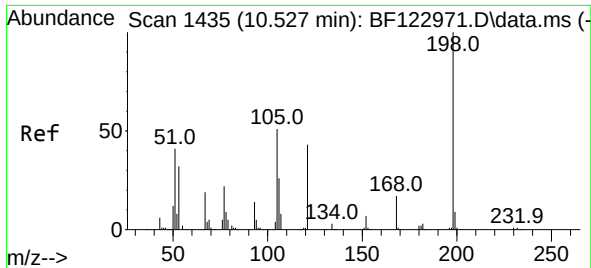
Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion: 188 Resp: 863182

Ion	Ratio	Lower	Upper
188	100		
94	11.3	7.4	11.2#
80	11.8	8.2	12.4

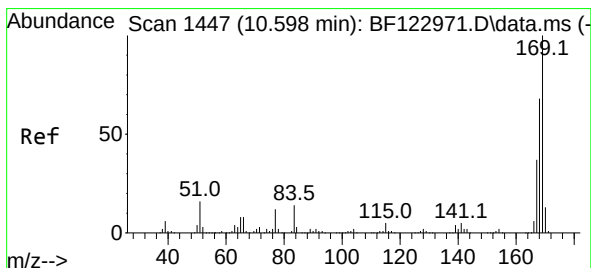
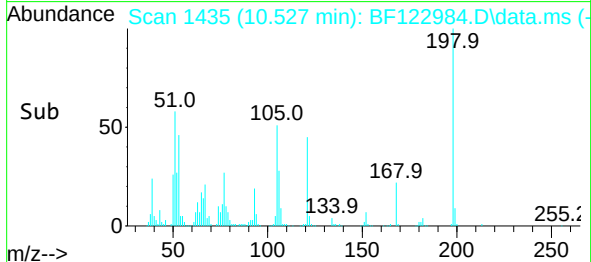
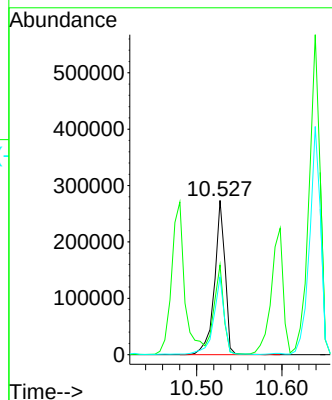
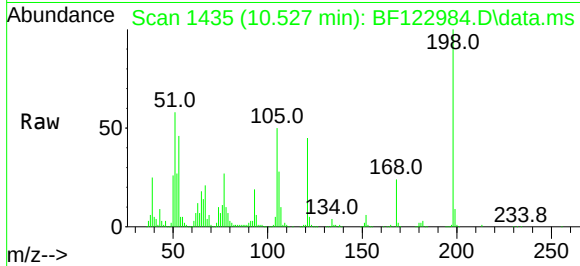




#65
4,6-Dinitro-2-methylphenol
Concen: 48.32 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

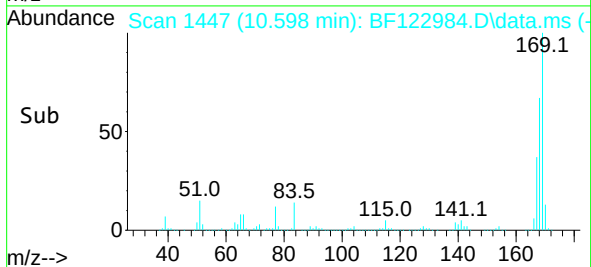
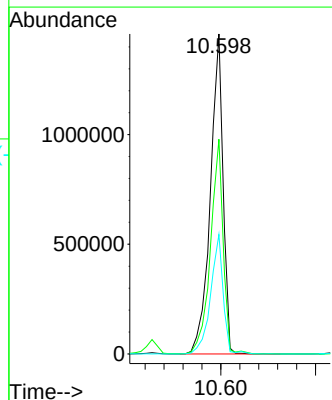
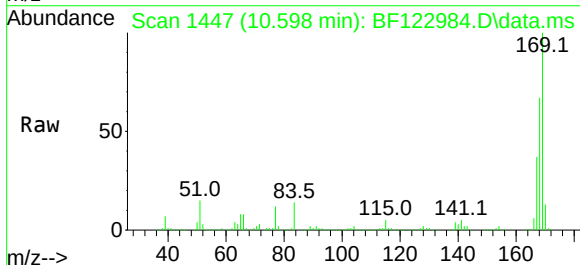
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

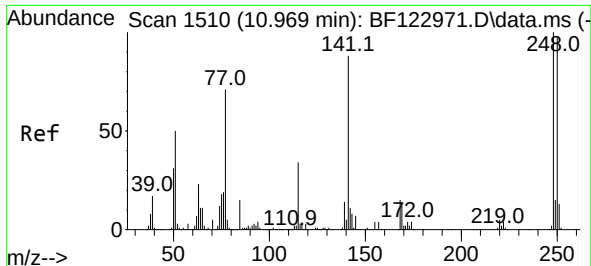
Tgt Ion:198	Resp:	234899
Ion Ratio	Lower	Upper
198	100	
51	58.3	20.3 60.3
105	50.4	23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 42.15 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:169	Resp:	1358239
Ion Ratio	Lower	Upper
169	100	
168	67.1	54.2 81.2
167	37.4	29.2 43.8

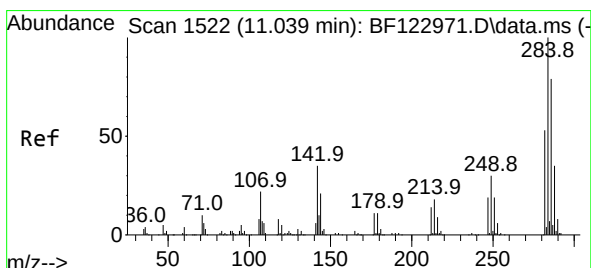
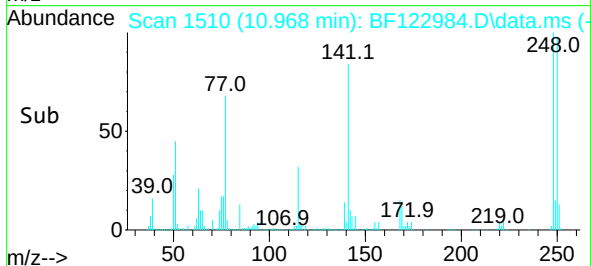
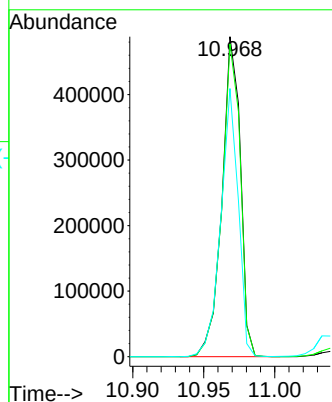
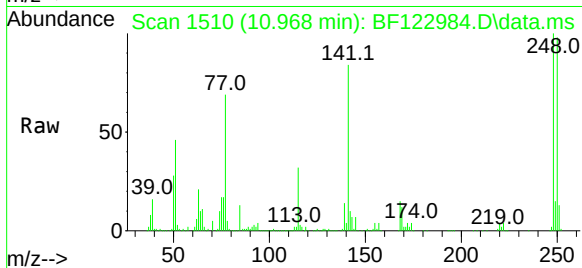




#67
4-Bromophenyl-phenylether
Concen: 41.52 ng
RT: 10.968 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

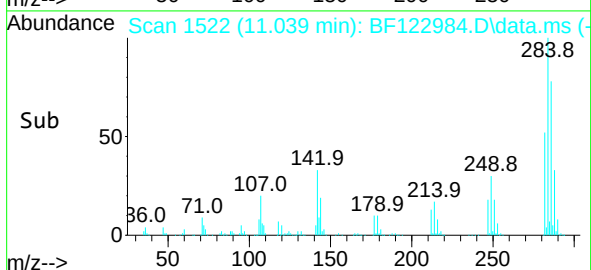
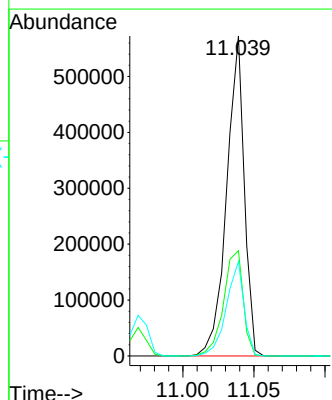
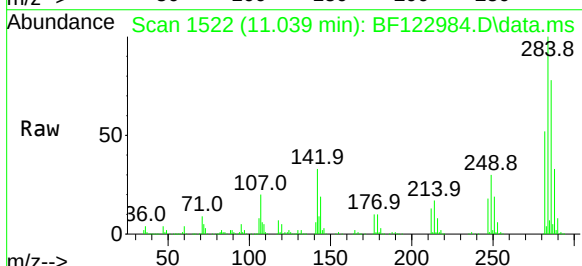
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

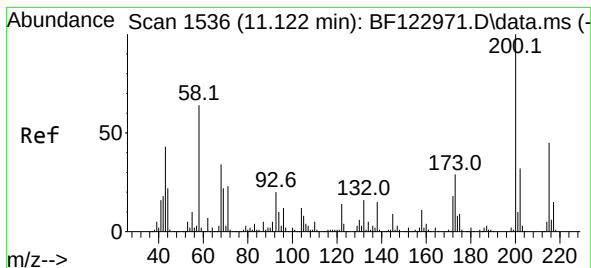
Tgt Ion:248 Resp: 438146
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 83.8 59.8 89.8



#68
Hexachlorobenzene
Concen: 40.78 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:284 Resp: 492099
Ion Ratio Lower Upper
284 100
142 32.9 25.6 38.4
249 29.5 25.1 37.7





#69

Atrazine

Concen: 40.44 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion:200 Resp: 346992

Ion Ratio Lower Upper

200 100

173 30.2 6.6 46.6

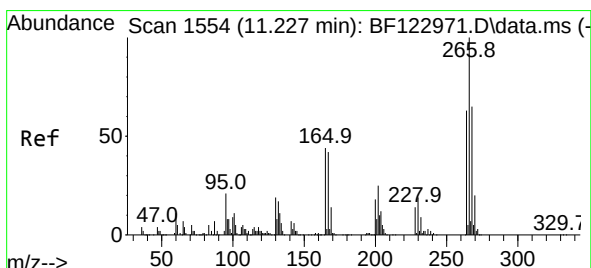
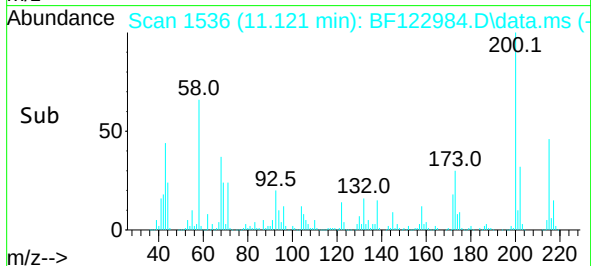
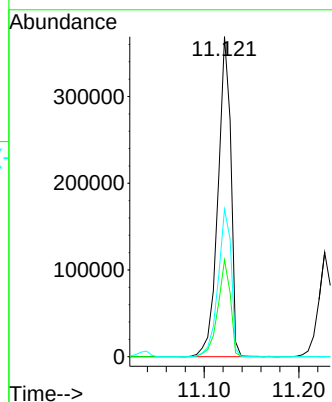
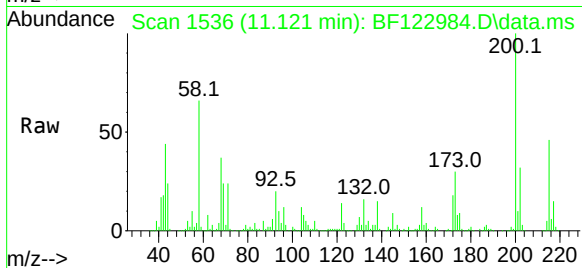
215 46.1 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

TOPSOIL-RBF-DARKMS



#70

Pentachlorophenol

Concen: 91.10 ng

RT: 11.227 min Scan# 1554

Delta R.T. -0.000 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

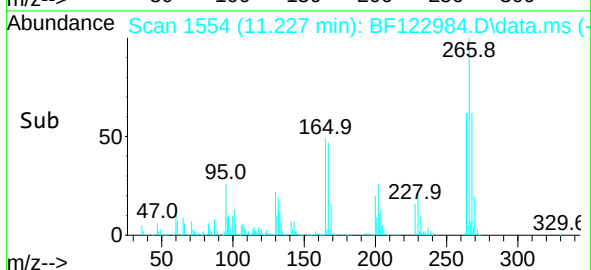
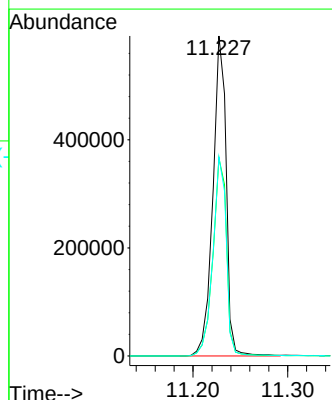
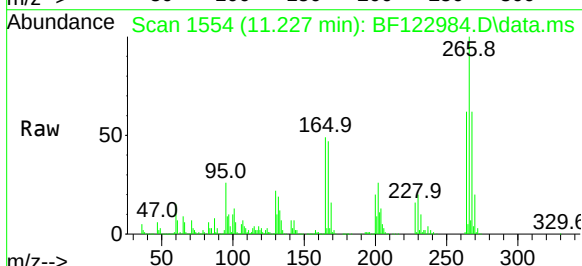
Tgt Ion:266 Resp: 578196

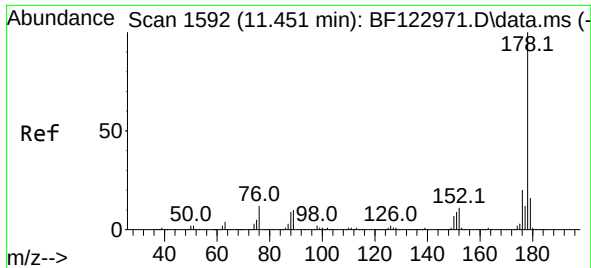
Ion Ratio Lower Upper

266 100

268 61.9 50.5 75.7

264 62.2 49.8 74.8

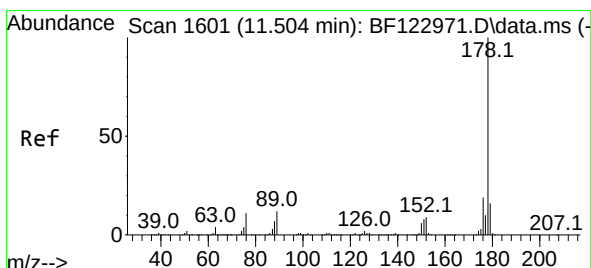
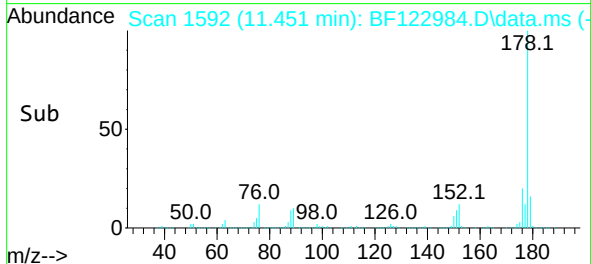
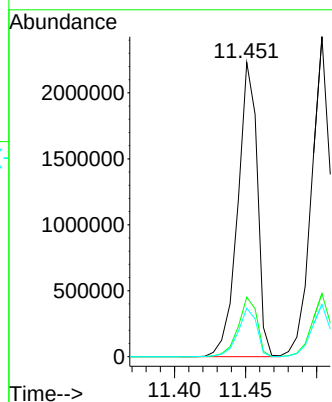
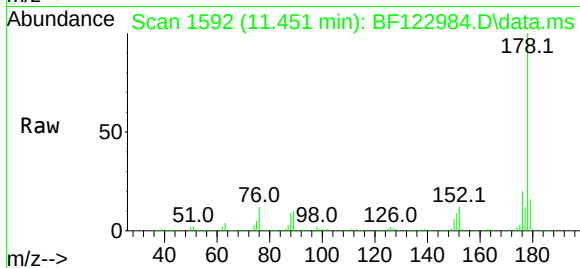




#71
Phenanthrene
Concen: 41.41 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

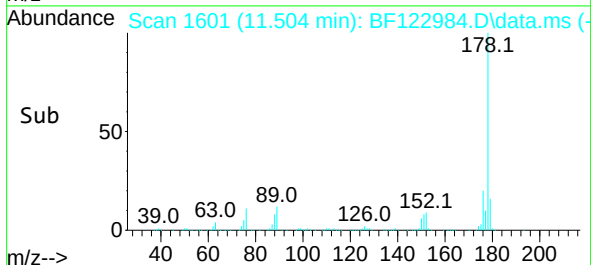
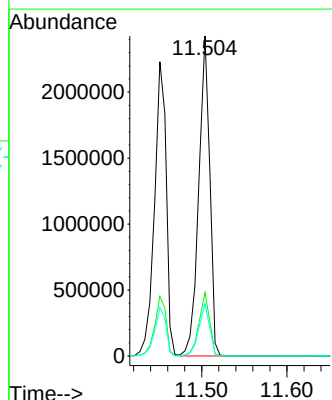
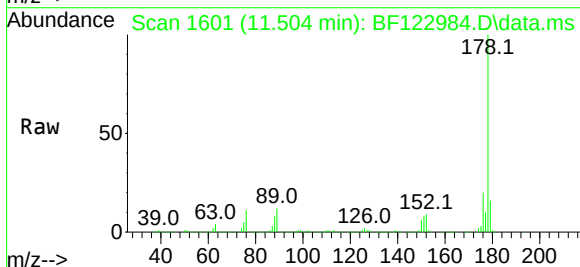
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

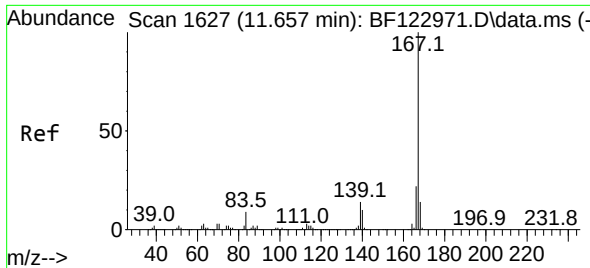
Tgt Ion:178 Resp: 2142124
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 16.5 12.7 19.1



#72
Anthracene
Concen: 42.72 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:178 Resp: 2184132
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.4 12.8 19.2



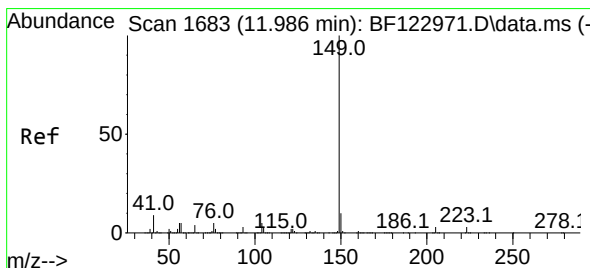
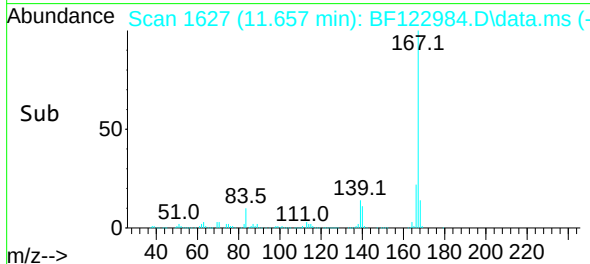
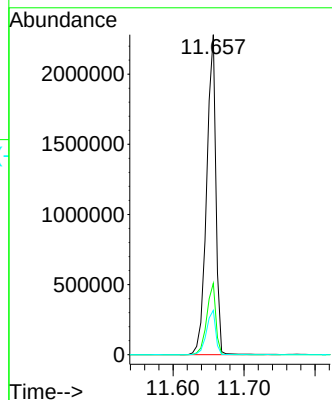
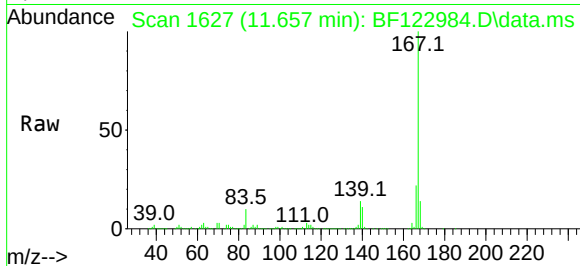


#73
 Carbazole
 Concen: 41.74 ng
 RT: 11.657 min Scan# 1627
 Delta R.T. -0.000 min
 Lab File: BF122984.D
 Acq: 18 Jan 2021 12:53

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-RBF-DARKMS

Tgt Ion:167 Resp: 2068345

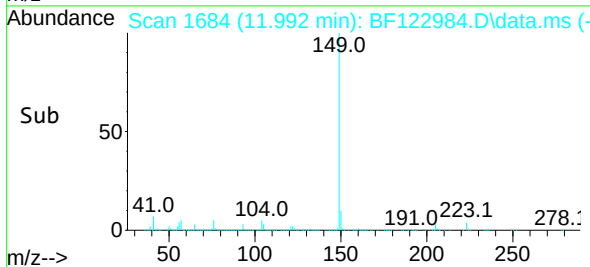
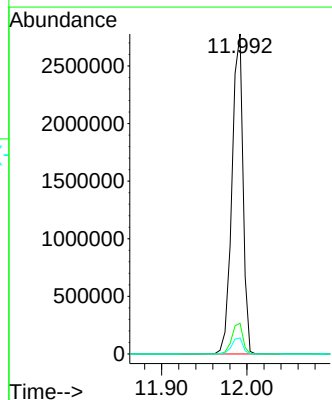
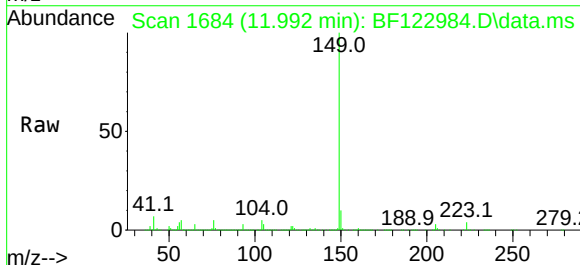
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.8	10.9	16.3

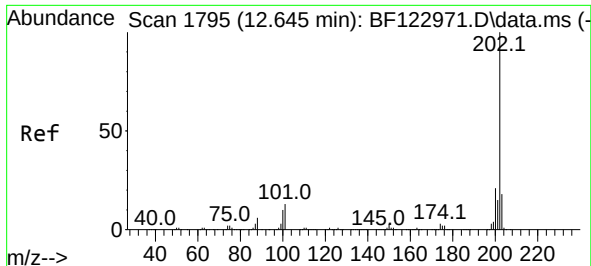


#74
 Di-n-butylphthalate
 Concen: 42.63 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. 0.006 min
 Lab File: BF122984.D
 Acq: 18 Jan 2021 12:53

Tgt Ion:149 Resp: 2499631

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.0	4.2	6.4

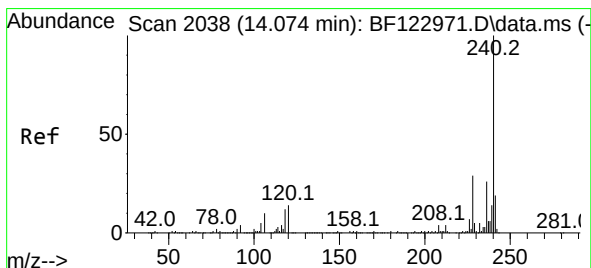
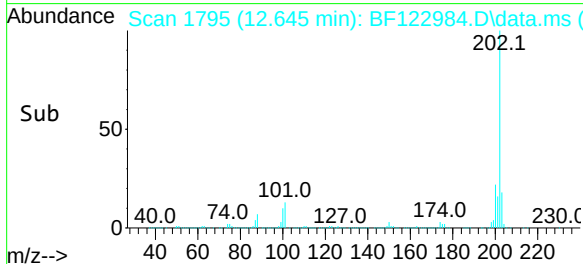
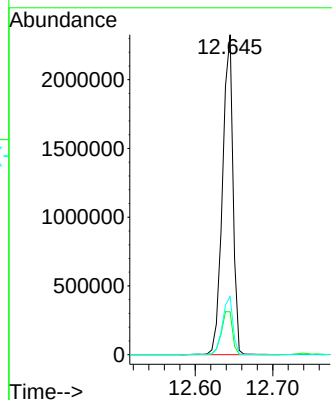
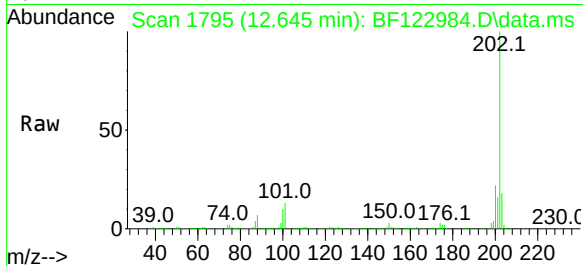




#75
Fluoranthene
Concen: 41.76 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

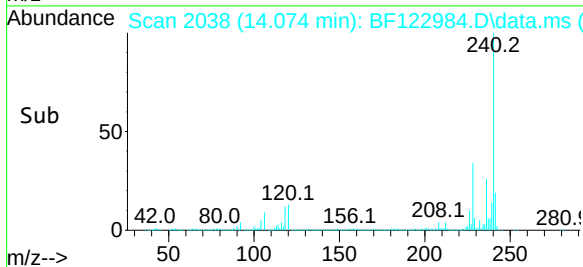
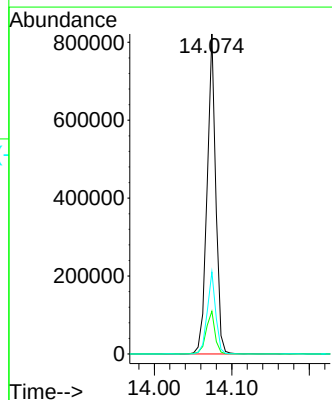
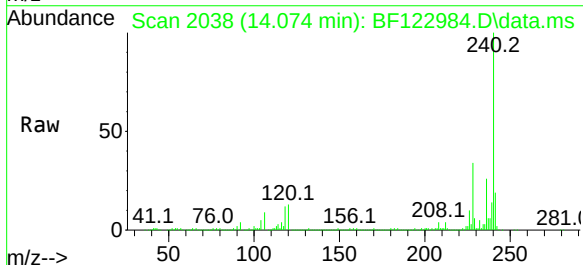
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

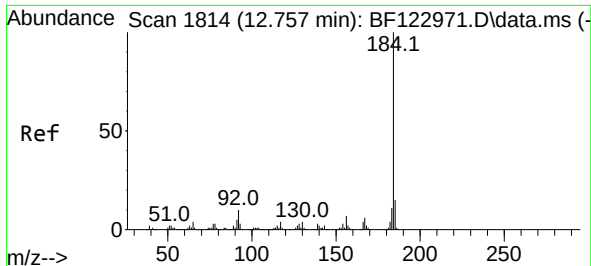
Tgt Ion:202 Resp: 2185096
Ion Ratio Lower Upper
202 100
101 13.4 0.0 32.2
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:240 Resp: 637592
Ion Ratio Lower Upper
240 100
120 13.3 8.6 12.8#
236 25.7 20.3 30.5

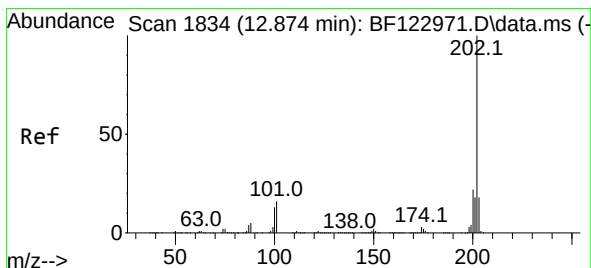
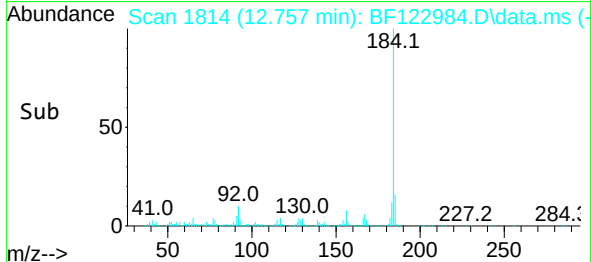
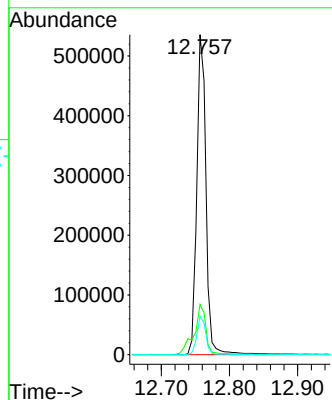
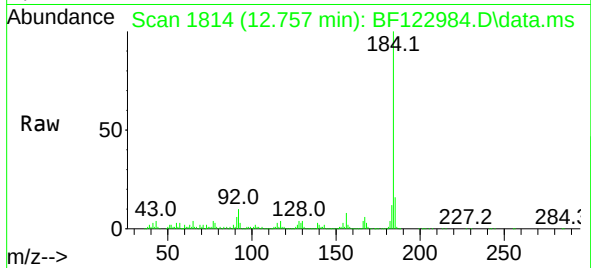




#77
Benzidine
Concen: 29.55 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

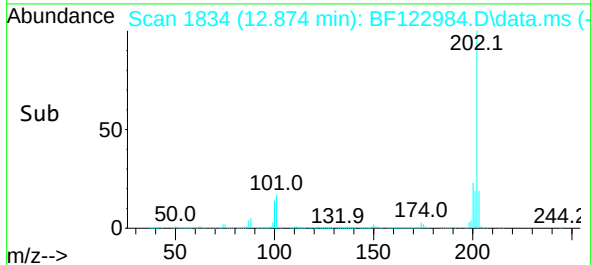
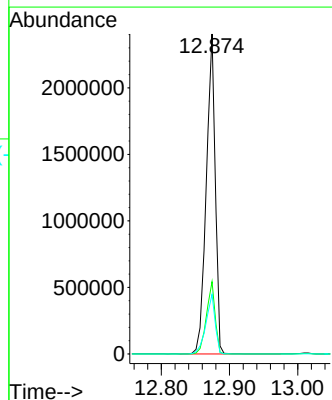
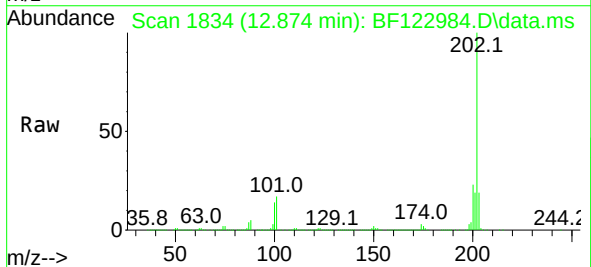
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

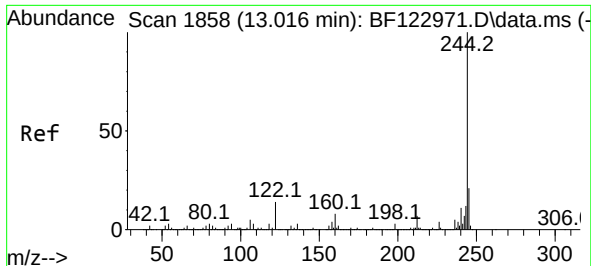
Tgt Ion:184 Resp: 498849
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 12.0 9.7 14.5



#78
Pyrene
Concen: 43.23 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:202 Resp: 2207085
Ion Ratio Lower Upper
202 100
200 22.6 17.6 26.4
203 18.6 14.6 21.8

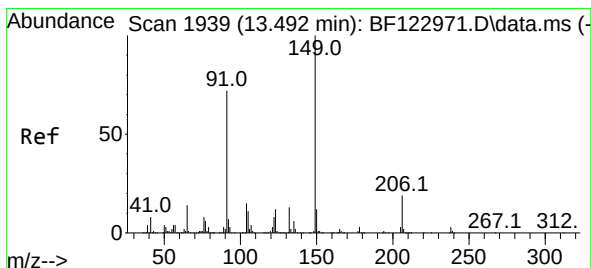
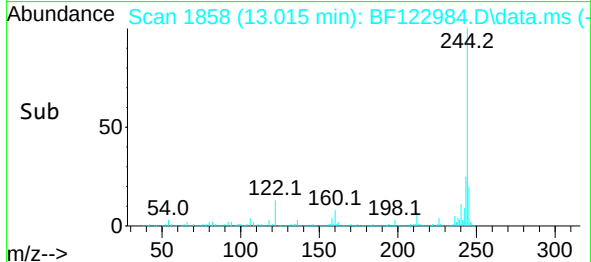
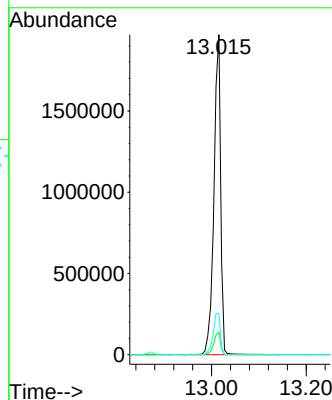
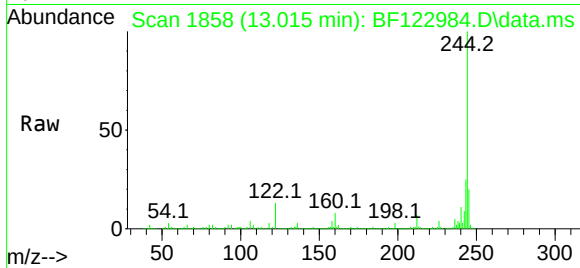




#79
Terphenyl-d14
Concen: 55.63 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.001 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

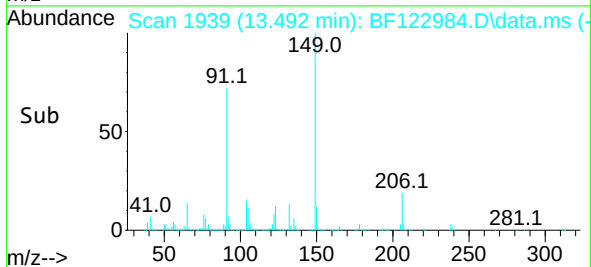
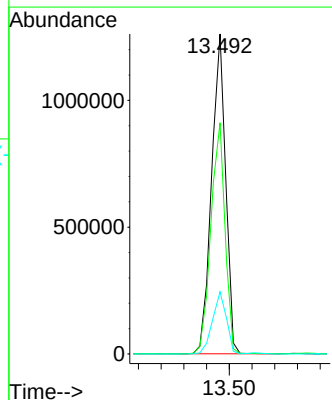
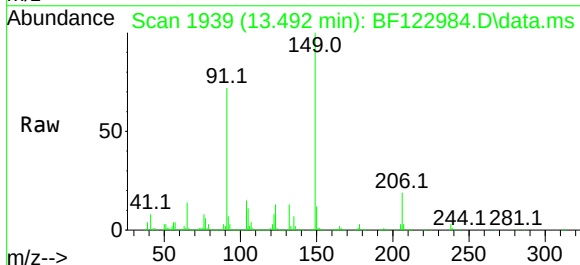
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

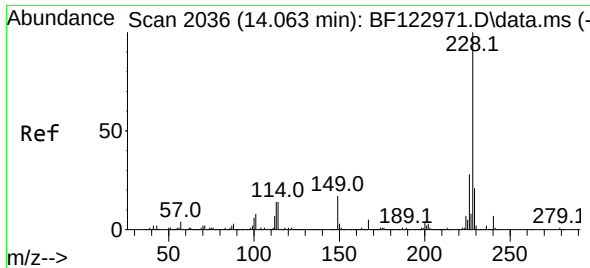
Tgt Ion:244 Resp: 1934559
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 12.8 8.3 12.5#



#80
Butylbenzylphthalate
Concen: 47.26 ng
RT: 13.492 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:149 Resp: 1081311
Ion Ratio Lower Upper
149 100
91 72.2 56.5 84.7
206 19.4 17.0 25.6

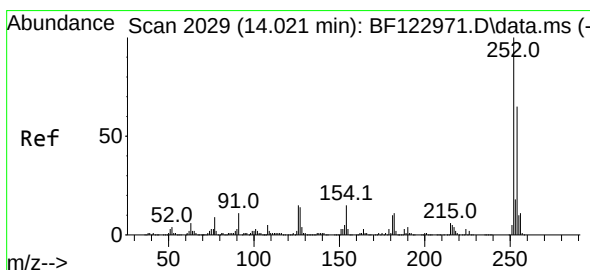
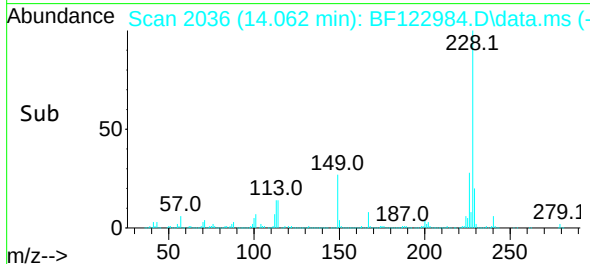
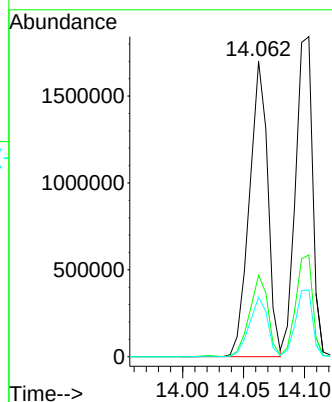
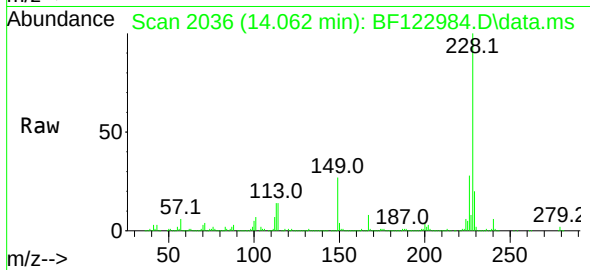




#81
Benzo(a)anthracene
Concen: 41.87 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

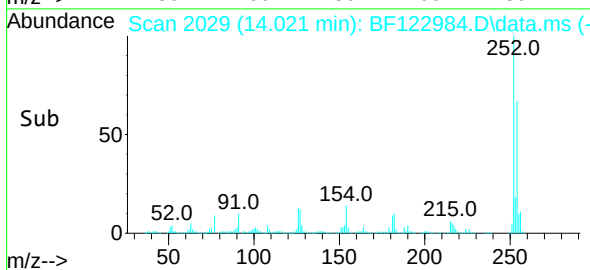
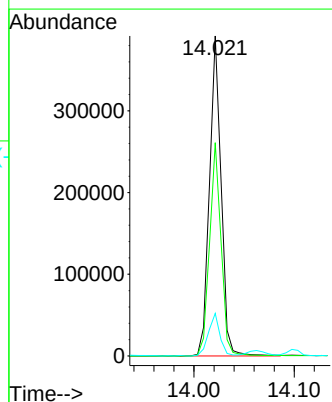
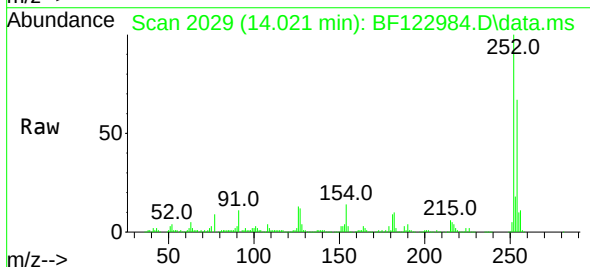
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

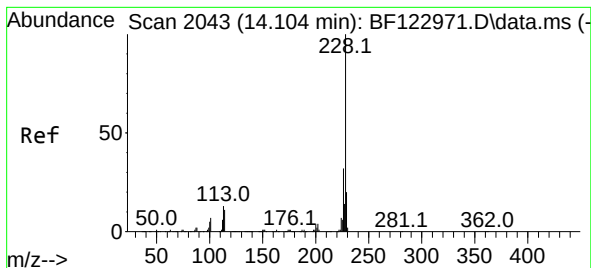
Tgt Ion:228 Resp: 1786622
Ion Ratio Lower Upper
228 100
226 27.6 23.0 34.4
229 20.1 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 22.76 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:252 Resp: 318007
Ion Ratio Lower Upper
252 100
254 66.7 52.7 79.1
126 13.3 8.0 12.0#





#83

Chrysene

Concen: 41.74 ng

RT: 14.104 min Scan# 2043

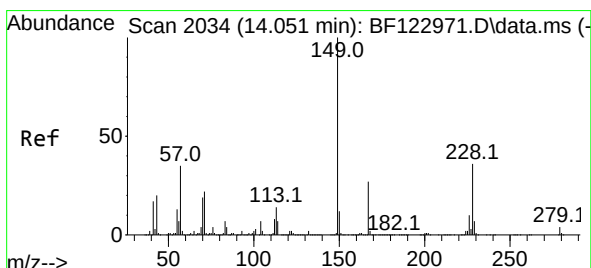
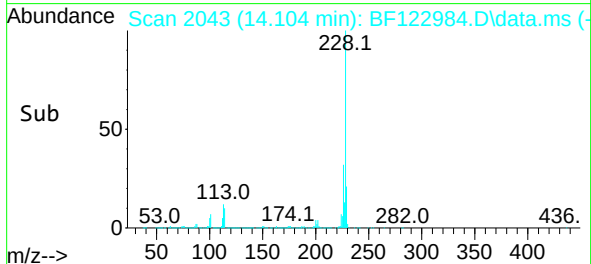
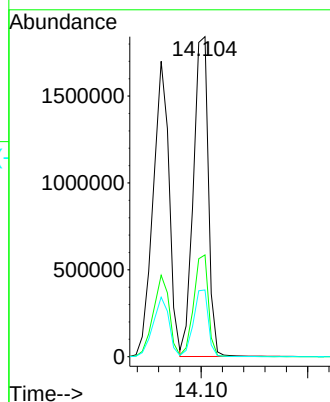
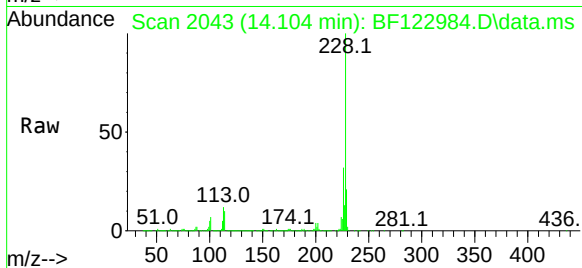
Delta R.T. -0.000 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion:228 Resp: 1796202

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	36.8
229	20.8	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.15 ng

RT: 14.057 min Scan# 2035

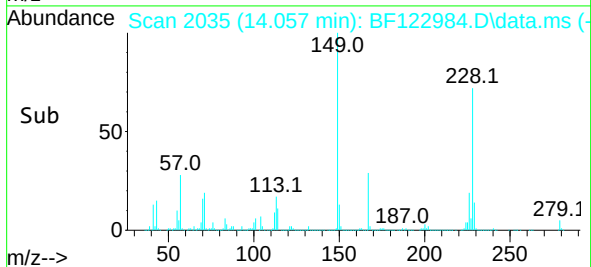
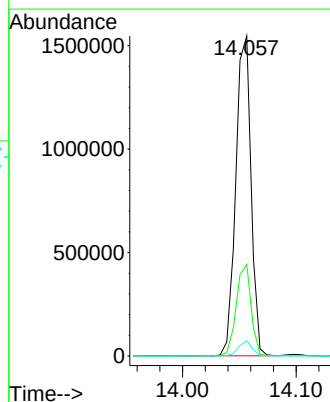
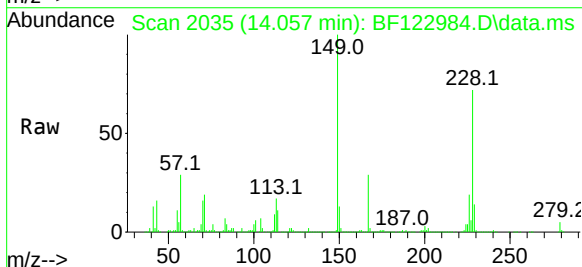
Delta R.T. 0.006 min

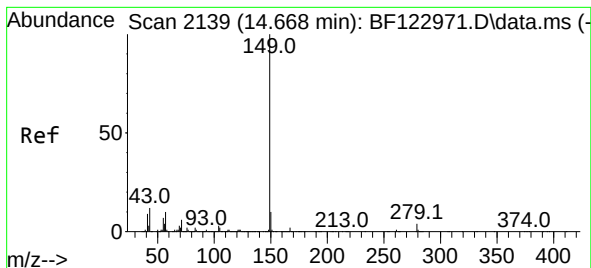
Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Tgt Ion:149 Resp: 1438436

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.4	32.2
279	4.8	3.4	5.0

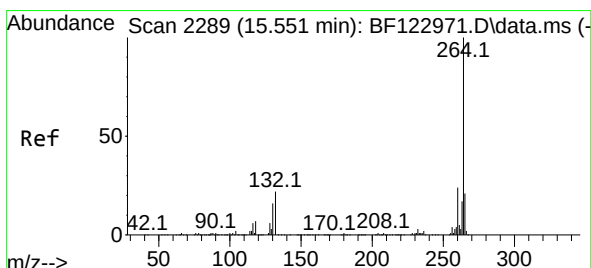
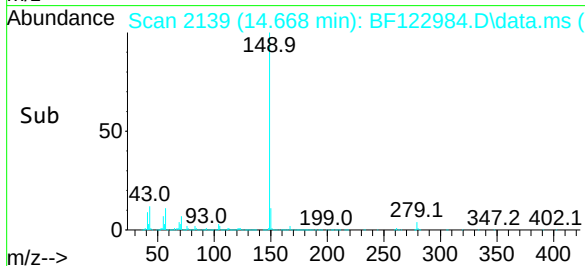
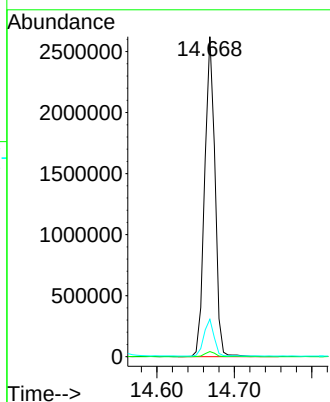
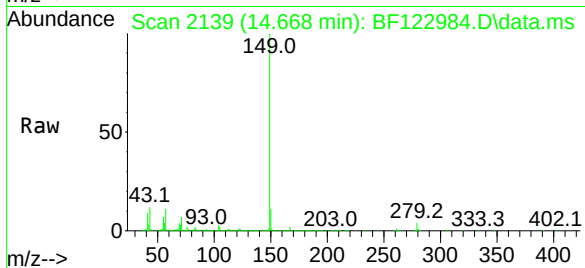




#85
Di-n-octyl phthalate
Concen: 48.89 ng
RT: 14.668 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

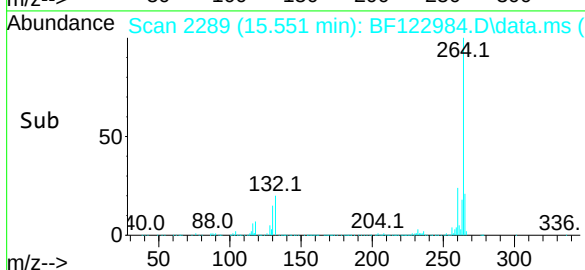
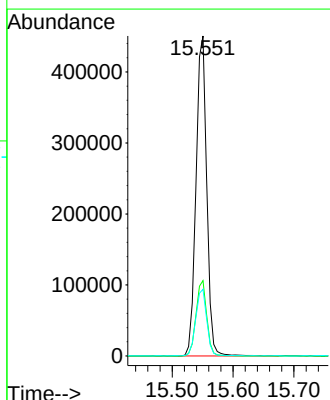
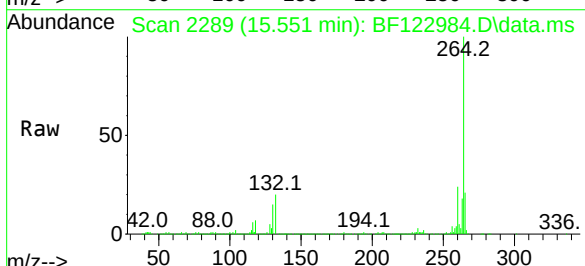
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

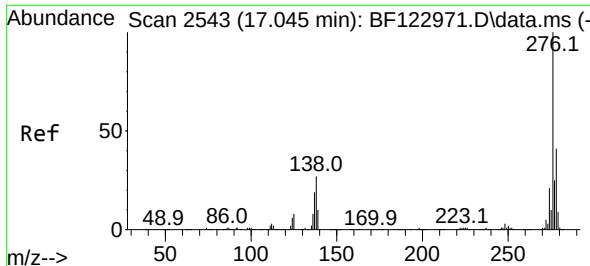
Tgt Ion:149 Resp: 2412158
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:264 Resp: 551464
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 20.9 17.0 25.6

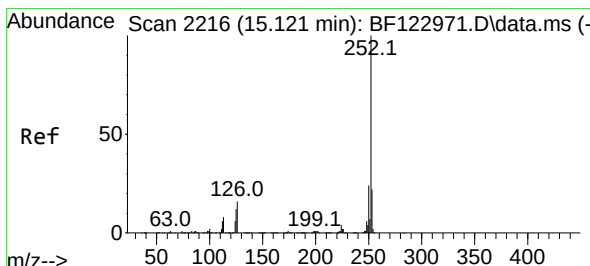
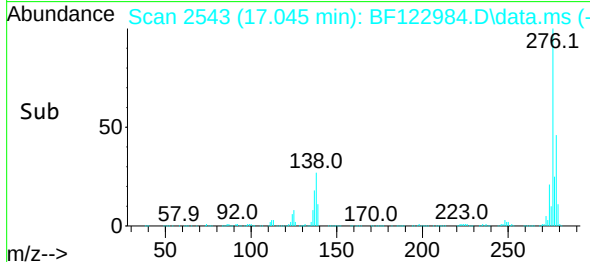
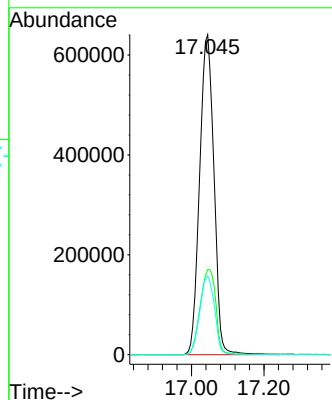
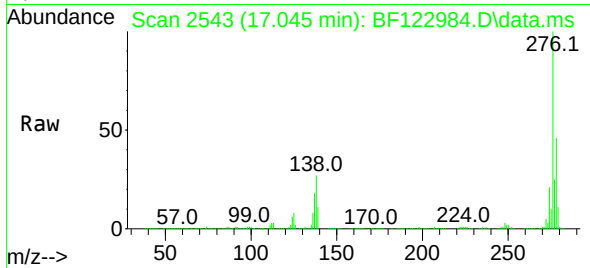




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.62 ng
RT: 17.045 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

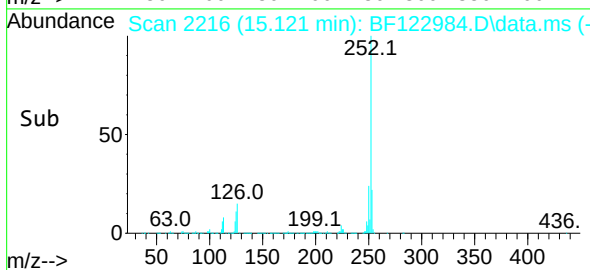
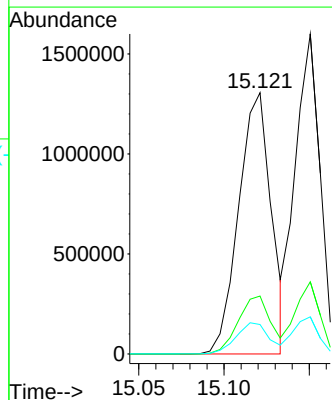
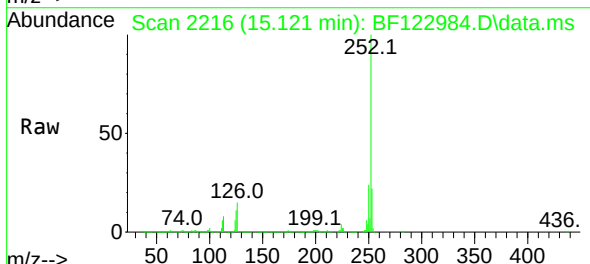
Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

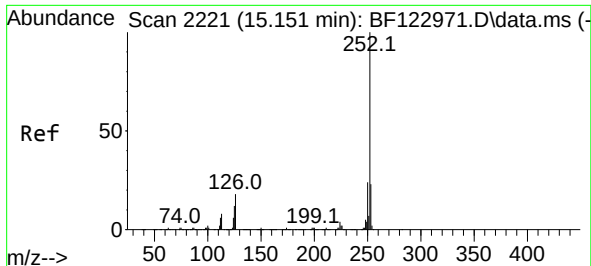
Tgt Ion:276 Resp: 1758567
Ion Ratio Lower Upper
276 100
138 28.8 18.7 28.1#
277 25.3 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 46.62 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:252 Resp: 1734939
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 11.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 42.87 ng

RT: 15.151 min Scan# 2221

Delta R.T. -0.000 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

Instrument :

BNA_F

ClientSampleId :

TOPSOIL-RBF-DARKMS

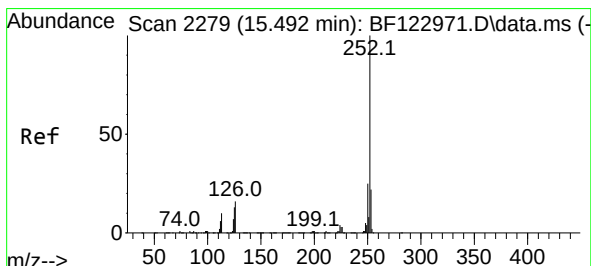
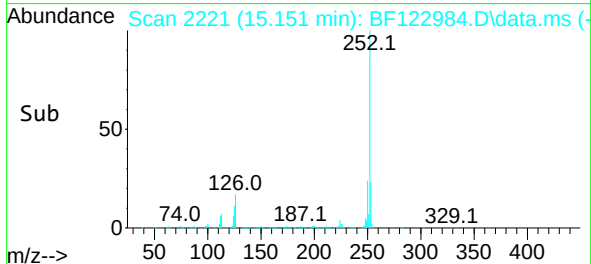
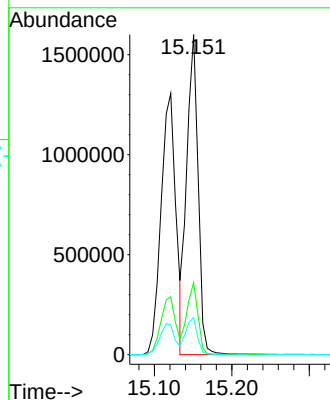
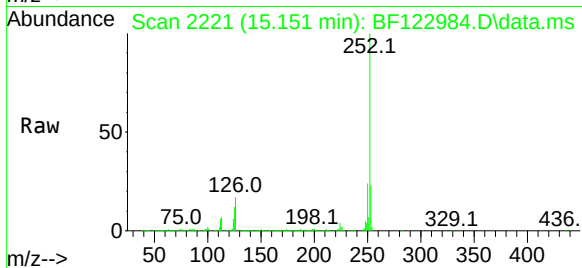
Tgt Ion:252 Resp: 1635741

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.6 8.4 12.6



#90

Benzo(a)pyrene

Concen: 43.97 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF122984.D

Acq: 18 Jan 2021 12:53

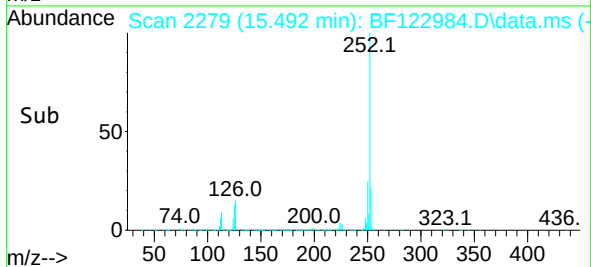
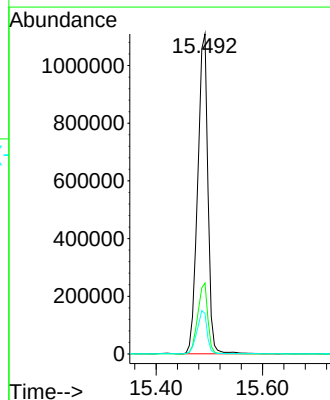
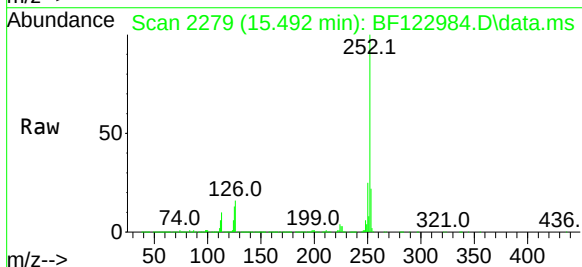
Tgt Ion:252 Resp: 1478287

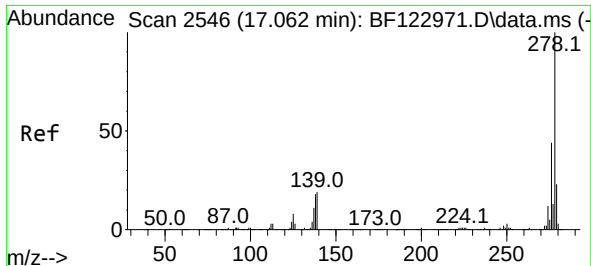
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.7 8.6 12.8

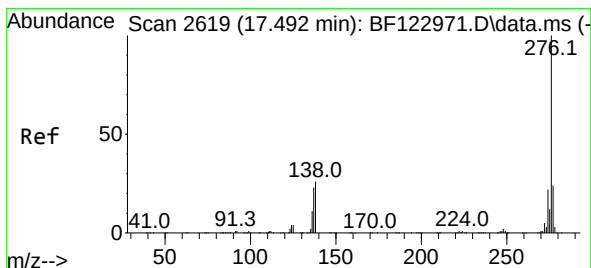
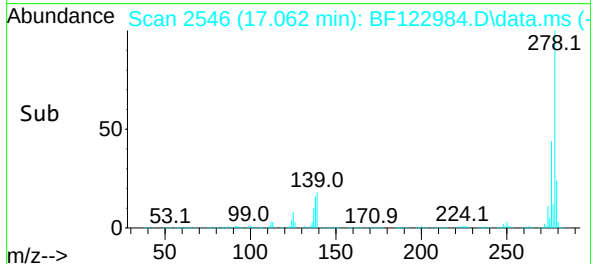
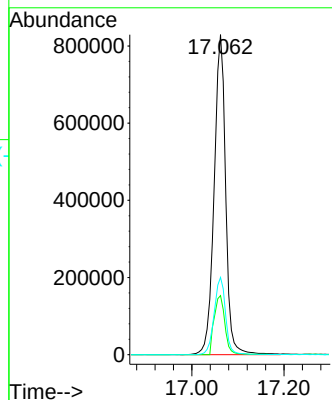
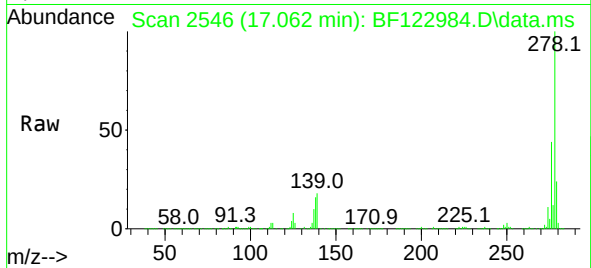




#91
Dibenzo(a,h)anthracene
Concen: 50.67 ng
RT: 17.062 min Scan# 2546
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

Tgt Ion:278 Resp: 1442435
Ion Ratio Lower Upper
278 100
139 18.4 12.0 18.0#
279 24.1 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 53.12 ng
RT: 17.492 min Scan# 2619
Delta R.T. -0.000 min
Lab File: BF122984.D
Acq: 18 Jan 2021 12:53

Tgt Ion:276 Resp: 1463591
Ion Ratio Lower Upper
276 100
277 24.2 19.3 28.9
138 25.2 16.6 24.8#

