

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123251.D
 Acq On : 20 Feb 2021 18:18
 Operator : JU/CG
 Sample : M1425-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-COMP

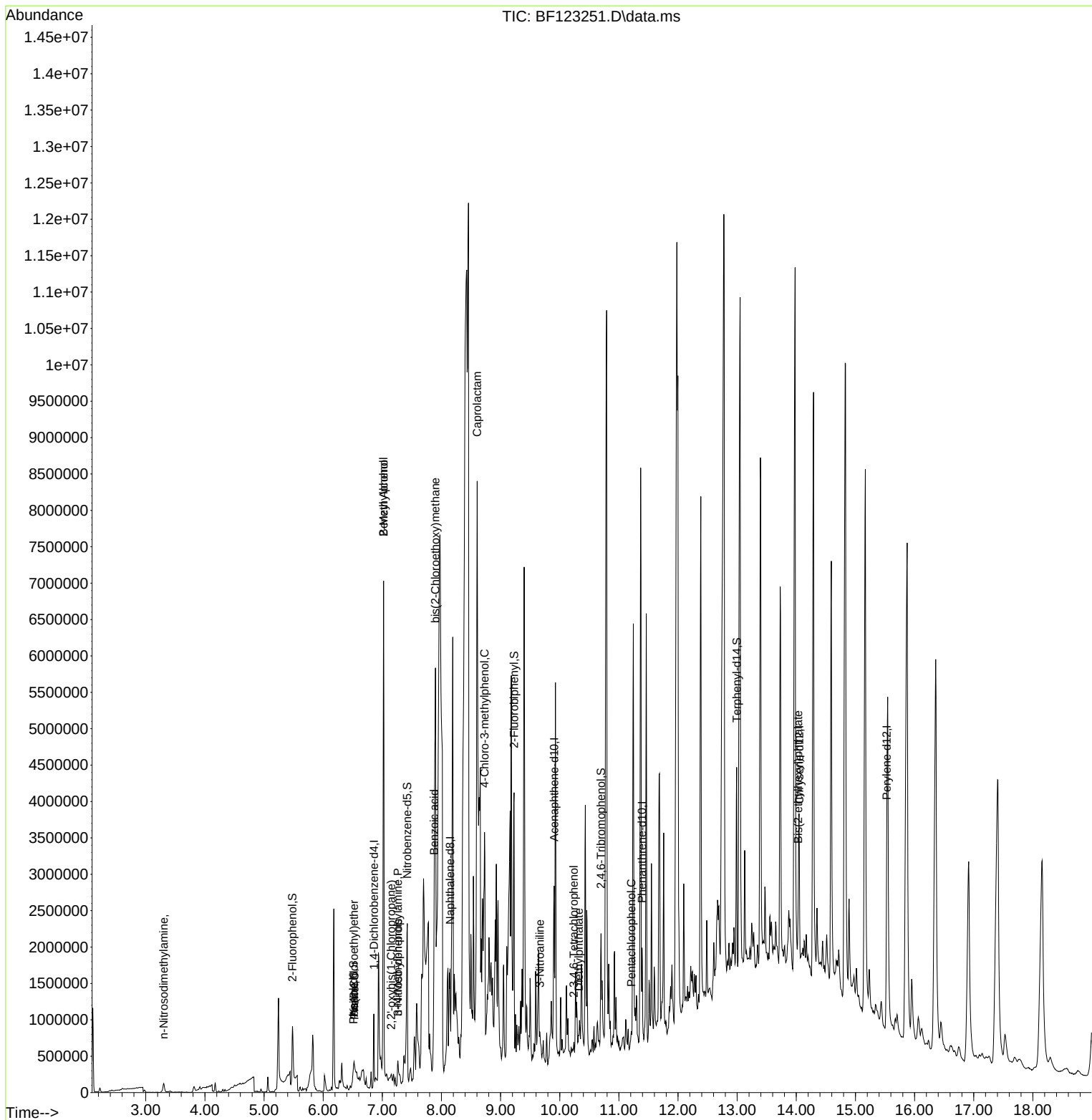
Quant Time: Feb 22 03:17:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

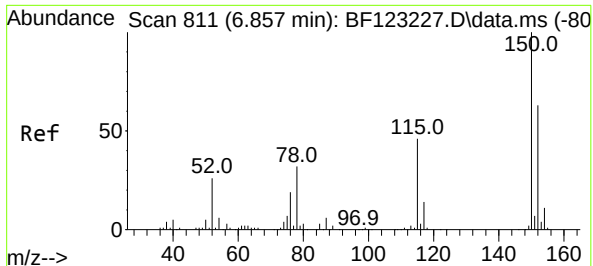
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	124039	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	530356	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	304563	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	443546	20.00	ng	# 0.00
76) Chrysene-d12	14.051	240	281414	20.00	ng	0.00
86) Perylene-d12	15.527	264	270265	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	273578	31.75	ng	0.00
7) Phenol-d6	6.510	99	265648	22.69	ng	0.02
23) Nitrobenzene-d5	7.422	82	611360	52.77	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	139836	45.09	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1187860	56.02	ng	0.00
79) Terphenyl-d14	12.992	244	817059	55.83	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.304	42	15587	2.78	ng	# 1
6) Aniline	6.522	93	46558	3.37	ng	# 19
9) Benzaldehyde	6.404	77	7960	Below Cal		93
10) Phenol	6.528	94	133240	10.44	ng	76
11) bis(2-Chloroethyl)ether	6.522	93	46558	5.09	ng	# 38
15) Benzyl Alcohol	7.022	79	203843	22.33	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	7.151	45	37328	2.97	ng	74
17) 2-Methylphenol	7.022	107	96692	12.42	ng	# 1
19) n-Nitroso-di-n-propyla...	7.263	70	25675	3.69	ng	# 45
20) 3+4-Methylphenols	7.263	107	24657	2.41	ng	# 84
28) bis(2-Chloroethoxy)met...	7.898	93	127122	11.21	ng	# 1
32) Benzoic acid	7.875	122	37058	6.34	ng	# 40
35) Caprolactam	8.604	113	25792	9.40	ng	# 1
36) 4-Chloro-3-methylphenol	8.727	107	35313	3.63	ng	# 22
53) 3-Nitroaniline	9.663	138	116483	19.99	ng	# 6
59) 2,3,4,6-Tetrachlorophenol	10.239	232	16308	2.96	ng	# 87
60) Diethylphthalate	10.322	149	62373	2.77	ng	97
70) Pentachlorophenol	11.210	266	29851	9.28	ng	95
84) Bis(2-ethylhexyl)phtha...	14.033	149	159703	12.49	ng	99

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

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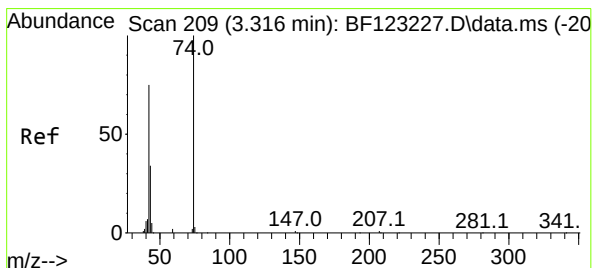
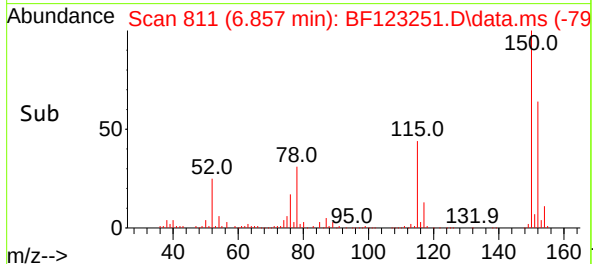
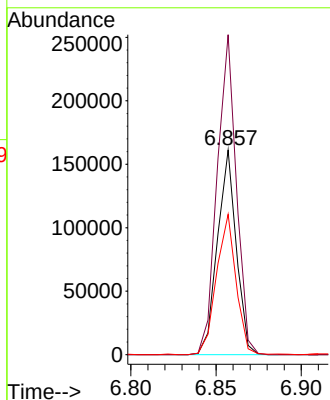
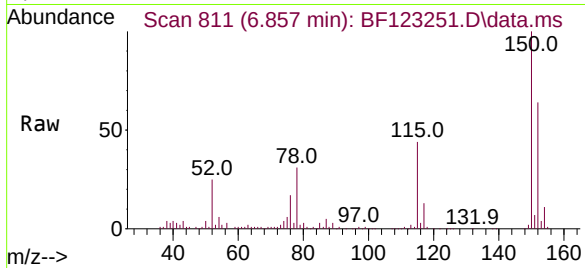




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

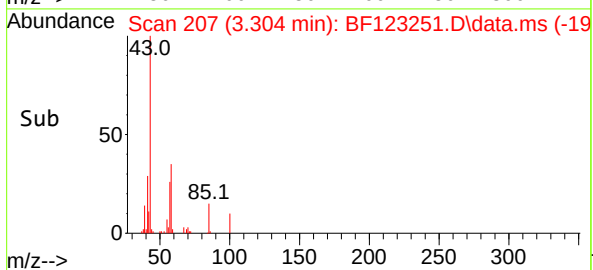
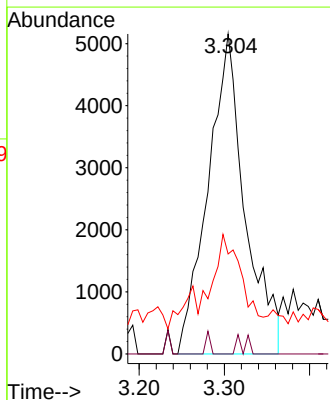
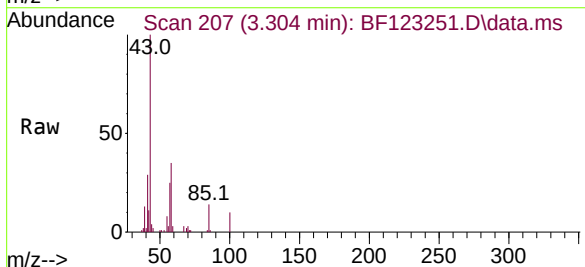
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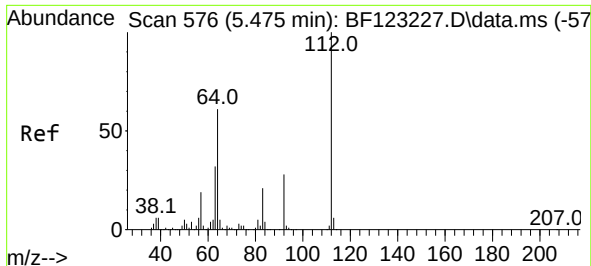
Tgt Ion:152 Resp: 124039
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 68.5 49.3 73.9



#4
n-Nitrosodimethylamine
Concen: 2.78 ng
RT: 3.304 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion: 42 Resp: 15587
Ion Ratio Lower Upper
42 100
74 0.0 115.2 172.8#
44 31.3 5.4 8.0#

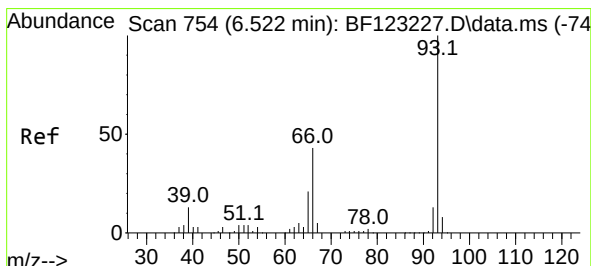
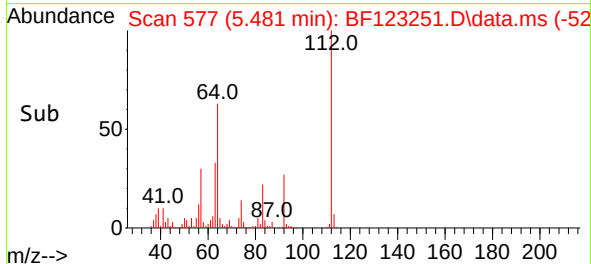
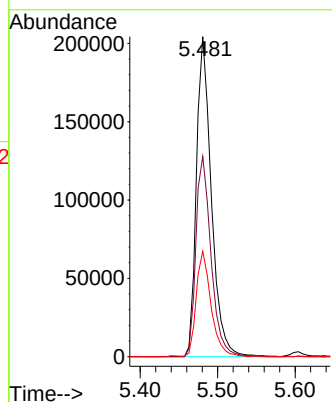
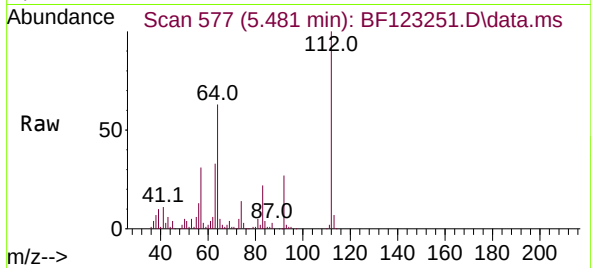




#5
2-Fluorophenol
Concen: 31.75 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

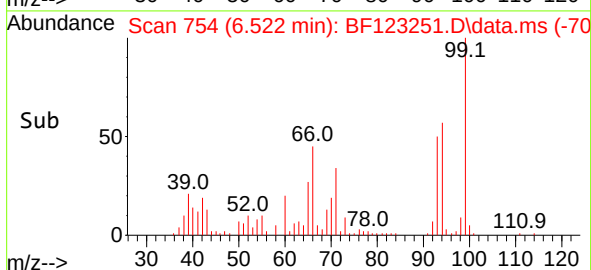
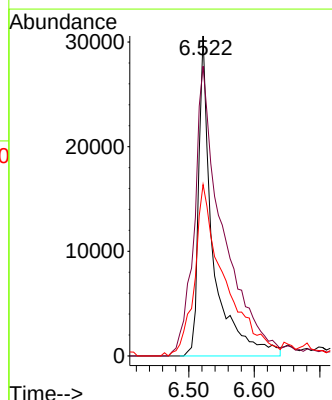
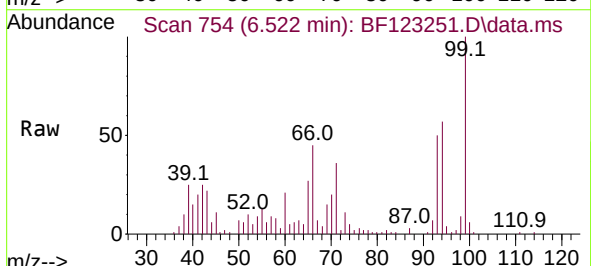
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

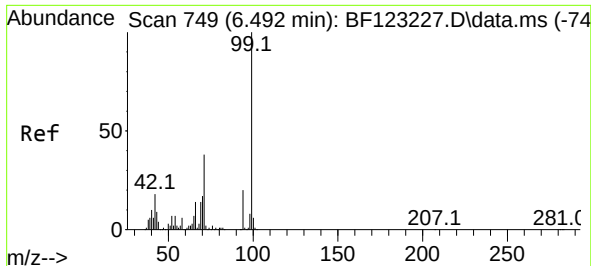
Tgt Ion:112 Resp: 273578
Ion Ratio Lower Upper
112 100
64 62.6 46.9 70.3
63 32.9 24.5 36.7



#6
Aniline
Concen: 3.37 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion: 93 Resp: 46558
Ion Ratio Lower Upper
93 100
66 90.6 31.3 46.9#
65 53.6 15.6 23.4#

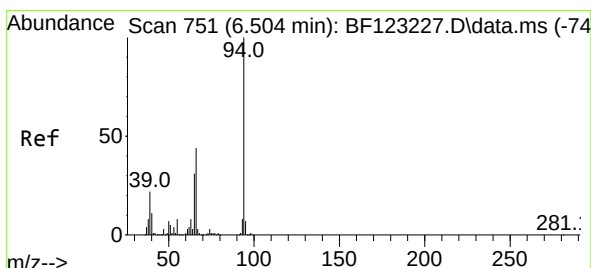
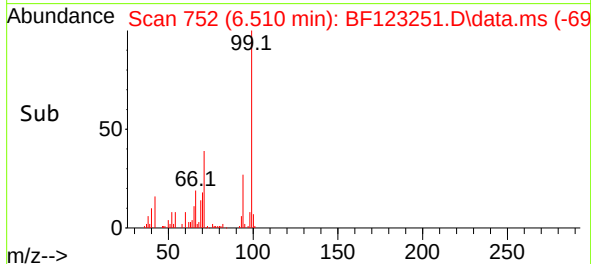
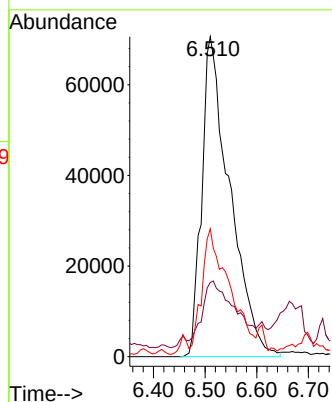
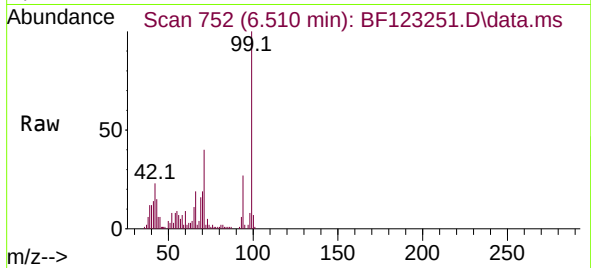




#7
Phenol-d6
Concen: 22.69 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.018 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

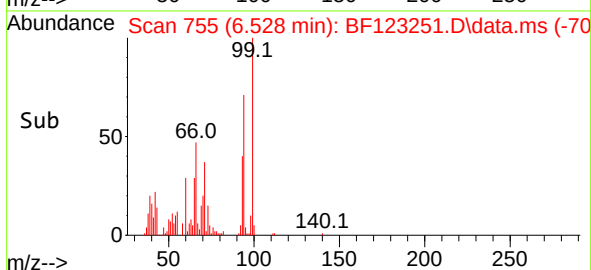
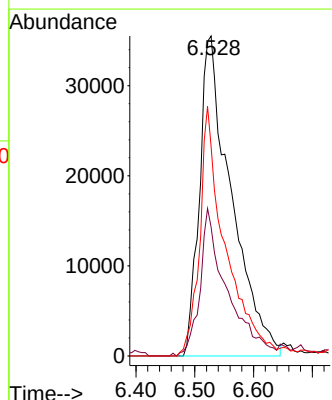
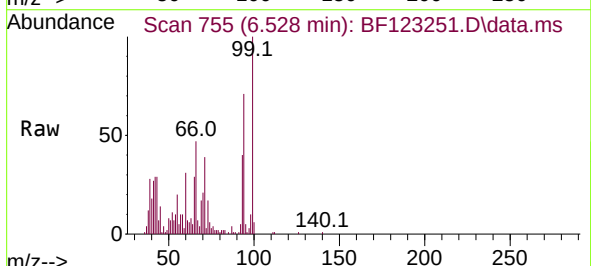
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

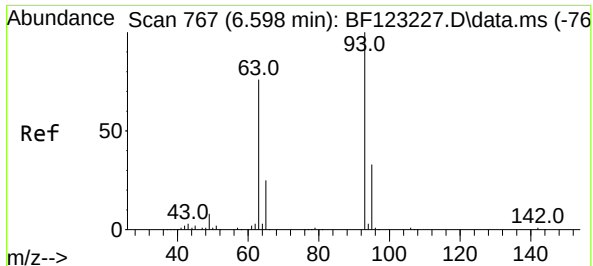
Tgt Ion: 99 Resp: 265648
Ion Ratio Lower Upper
99 100
42 23.2 13.8 20.6#
71 40.0 26.9 40.3



#10
Phenol
Concen: 10.44 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.023 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion: 94 Resp: 133240
Ion Ratio Lower Upper
94 100
65 40.3 11.2 51.2
66 65.5 25.8 65.8

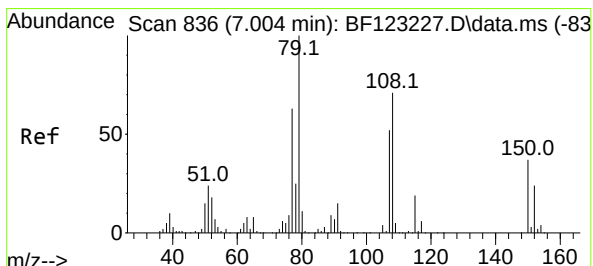
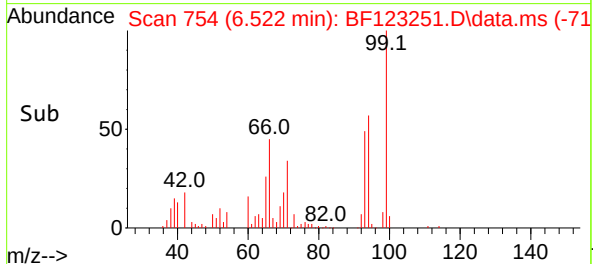
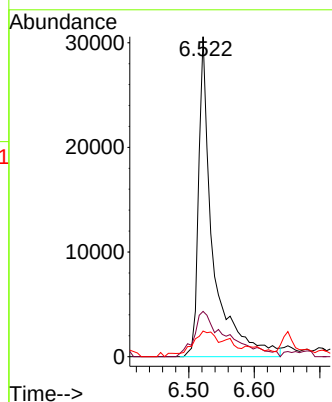
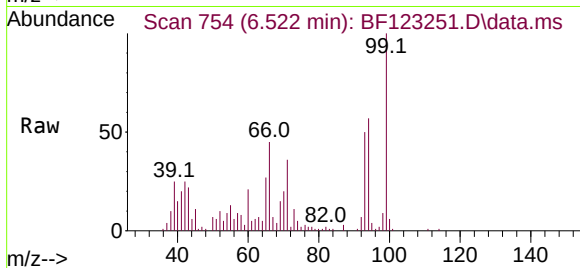




#11
bis(2-Chloroethyl)ether
Concen: 5.09 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.077 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

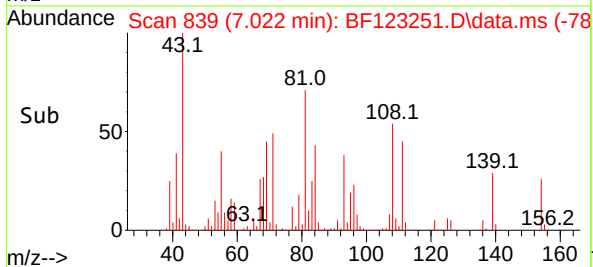
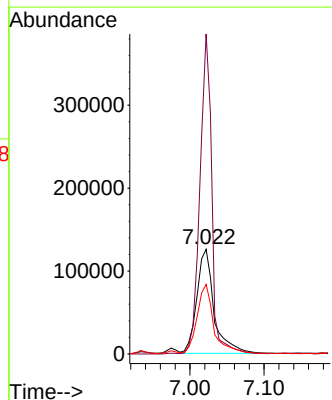
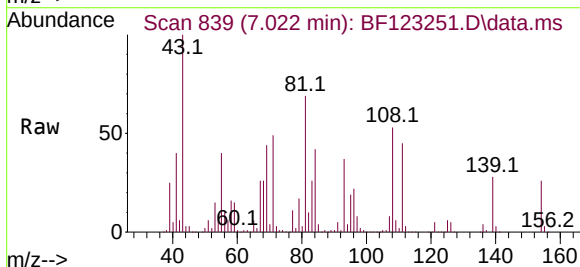
Instrument :
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ClientSampleId :
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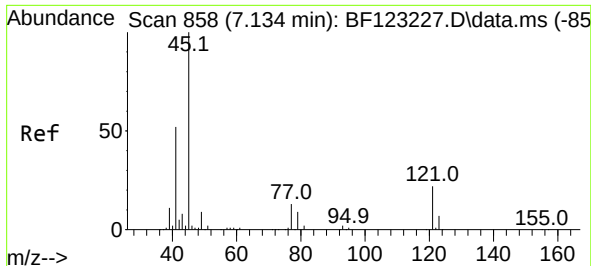
Tgt Ion: 93 Resp: 46558
Ion Ratio Lower Upper
93 100
63 14.2 52.6 92.6#
95 8.0 12.6 52.6#



#15
Benzyl Alcohol
Concen: 22.33 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.018 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion: 79 Resp: 203843
Ion Ratio Lower Upper
79 100
108 305.6 62.4 93.6#
77 66.5 49.0 73.6

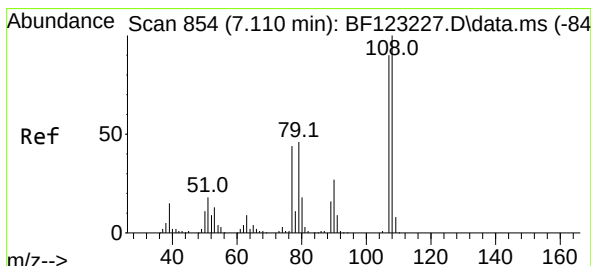
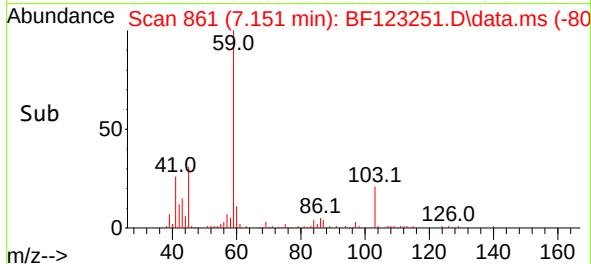
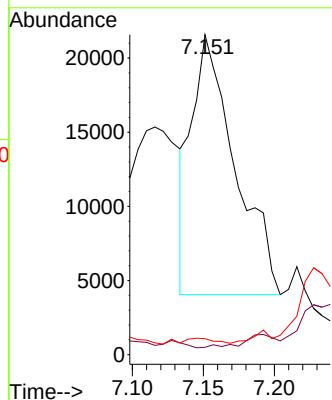
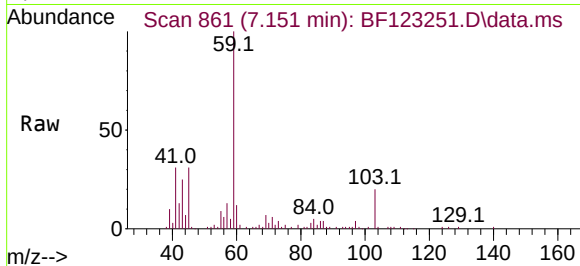




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.97 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.018 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

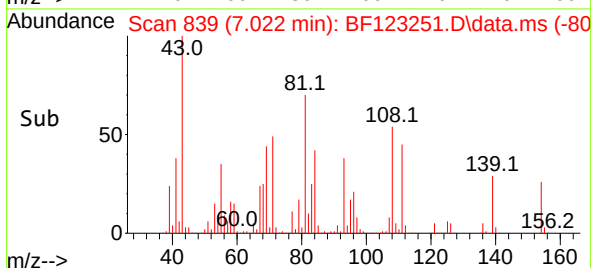
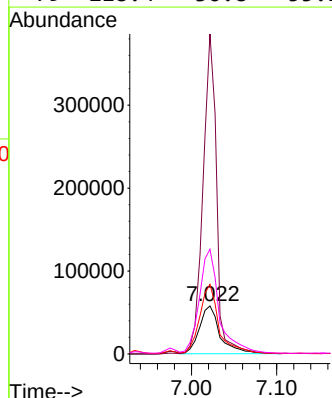
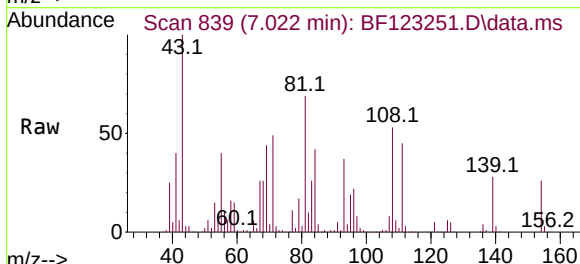
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ClientSampleId :
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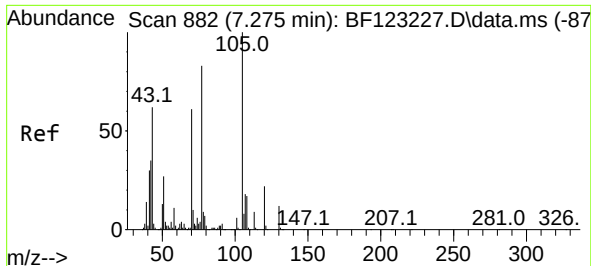
Tgt Ion: 45 Resp: 37328
Ion Ratio Lower Upper
45 100
77 2.3 0.0 35.6
79 5.0 0.0 32.4



#17
2-Methylphenol
Concen: 12.42 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.088 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion: 107 Resp: 96692
Ion Ratio Lower Upper
107 100
108 667.5 91.1 136.7#
77 145.3 36.3 54.5#
79 218.4 36.8 55.2#

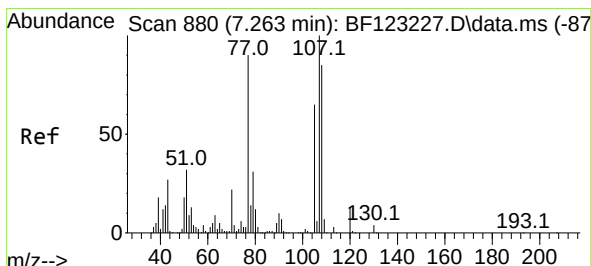
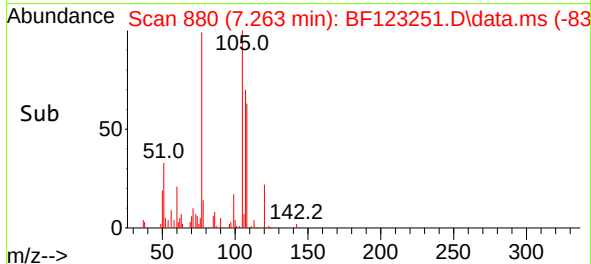
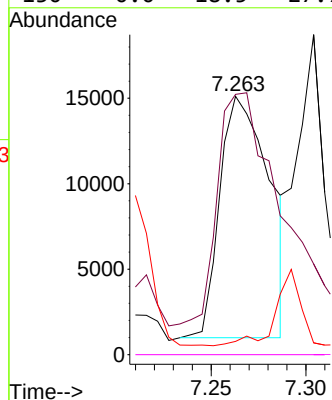
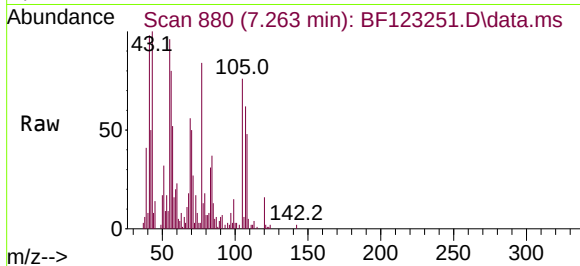




#19
n-Nitroso-di-n-propylamine
Concen: 3.69 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

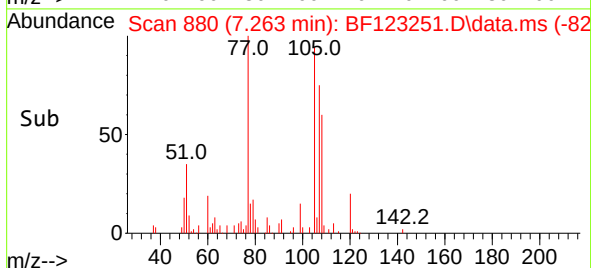
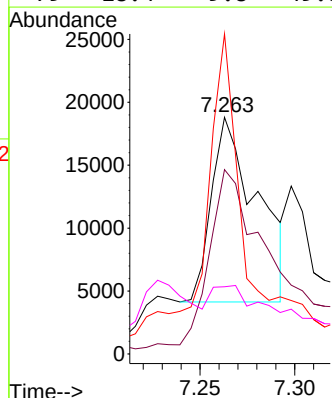
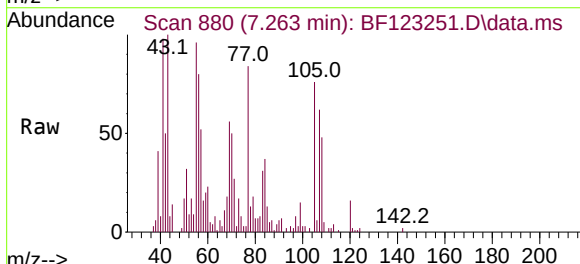
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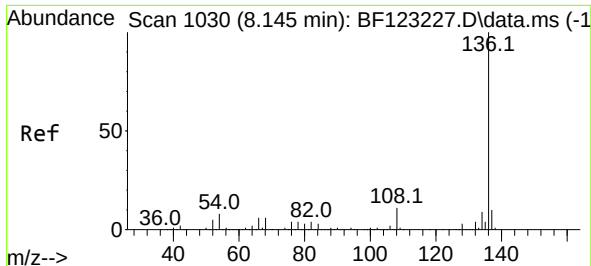
Tgt Ion:	70	Resp:	25675
Ion	Ratio	Lower	Upper
70	100		
42	100.8	43.0	64.4#
101	5.1	7.9	11.9#
130	0.0	18.5	27.7#



#20
3+4-Methylphenols
Concen: 2.41 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion:	107	Resp:	24657
Ion	Ratio	Lower	Upper
107	100		
108	77.9	68.7	108.7
77	135.2	89.8	129.8#
79	28.4	9.8	49.8



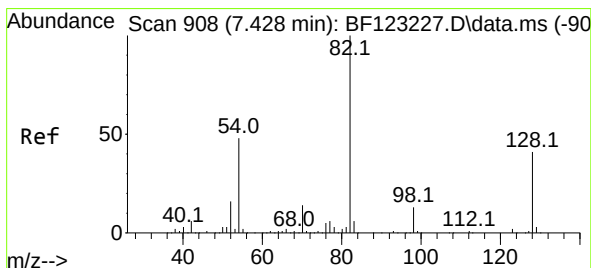
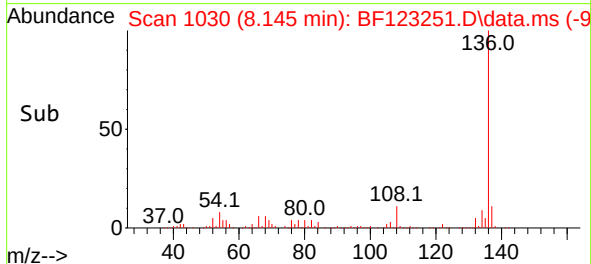
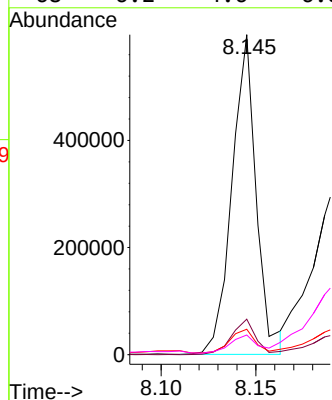
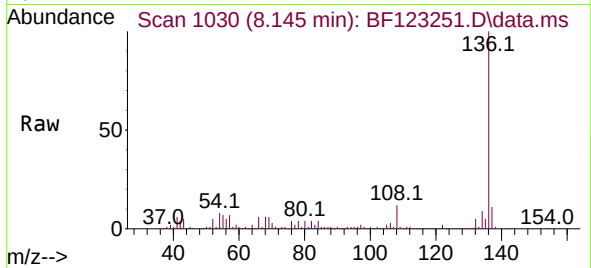


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Instrument :
BNA_F
ClientSampleId :
WATER-COMP

Tgt Ion:136 Resp: 530356

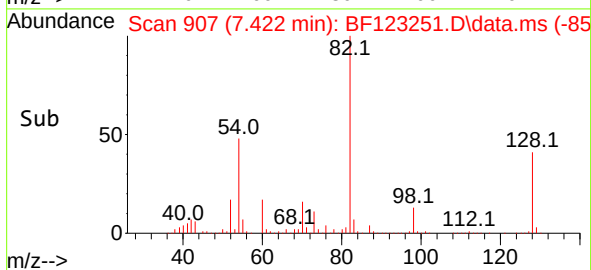
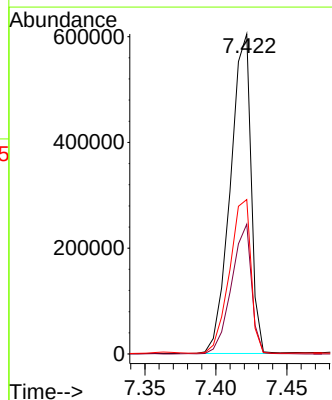
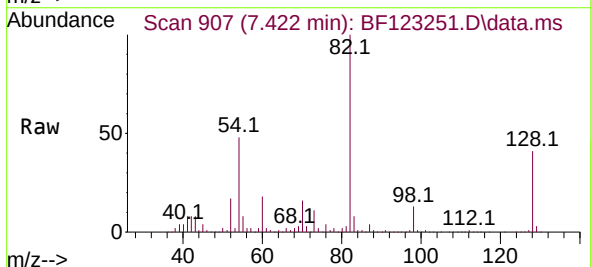
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	5.5	8.3
68	6.2	4.6	6.8

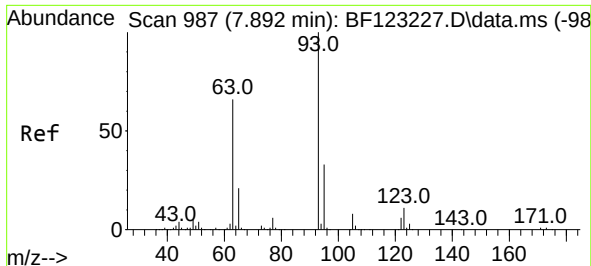


#23
Nitrobenzene-d5
Concen: 52.77 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion: 82 Resp: 611360

Ion	Ratio	Lower	Upper
82	100		
128	40.6	37.0	55.4
54	48.3	38.4	57.6





#28

bis(2-Chloroethoxy)methane

Concen: 11.21 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.006 min

Lab File: BF123251.D

Acq: 20 Feb 2021 18:18

Tgt Ion: 93 Resp: 127122

Ion Ratio Lower Upper

93 100

95 685.9 26.2 39.2#

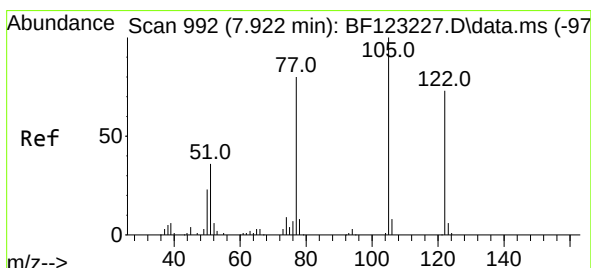
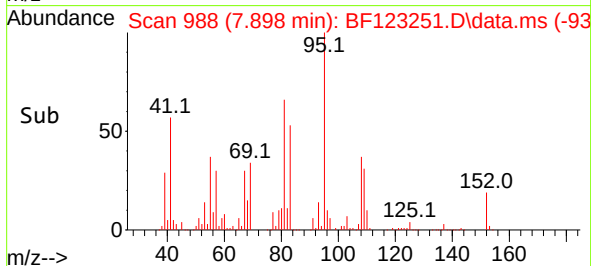
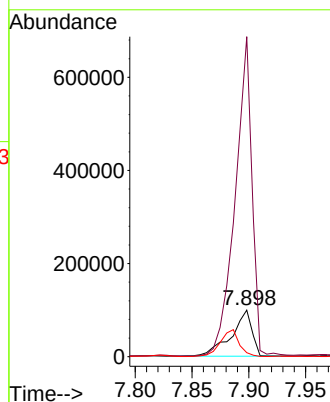
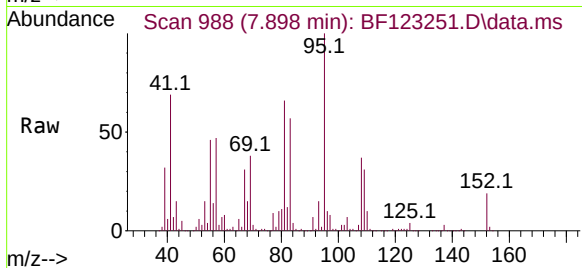
123 8.4 9.2 13.8#

Instrument :

BNA_F

ClientSampleId :

WATER-COMP



#32

Benzoic acid

Concen: 6.34 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.047 min

Lab File: BF123251.D

Acq: 20 Feb 2021 18:18

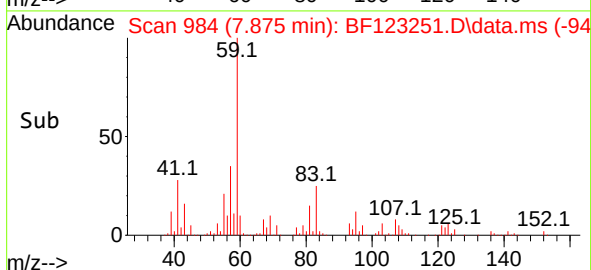
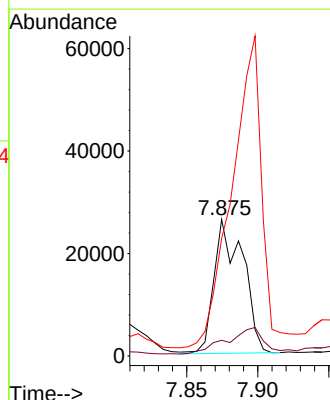
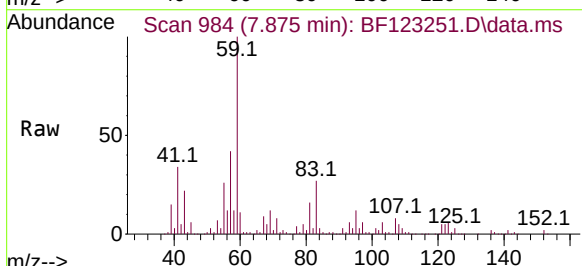
Tgt Ion:122 Resp: 37058

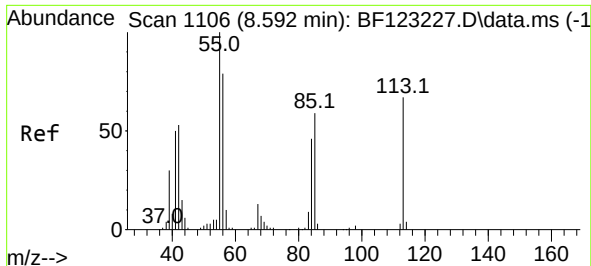
Ion Ratio Lower Upper

122 100

105 11.5 104.8 144.8#

77 86.0 71.0 111.0

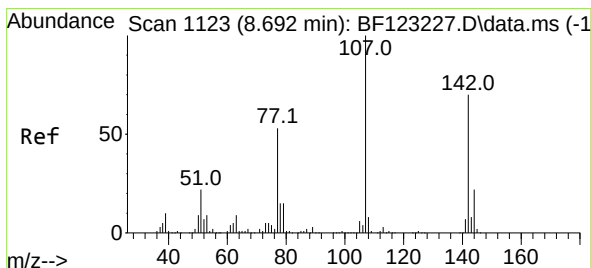
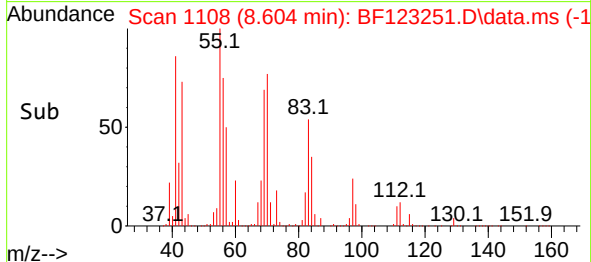
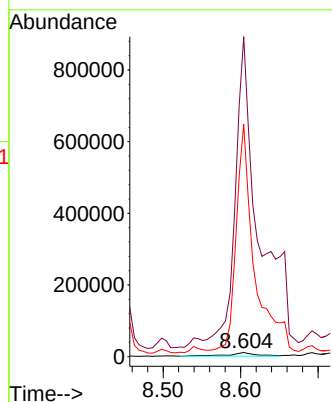
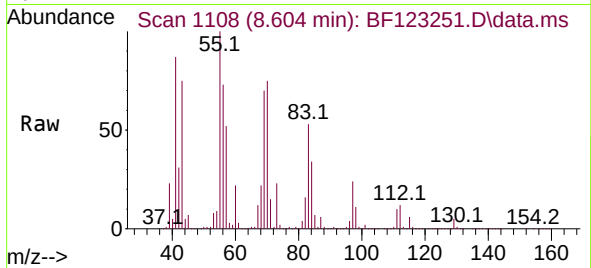




#35
Caprolactam
Concen: 9.40 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

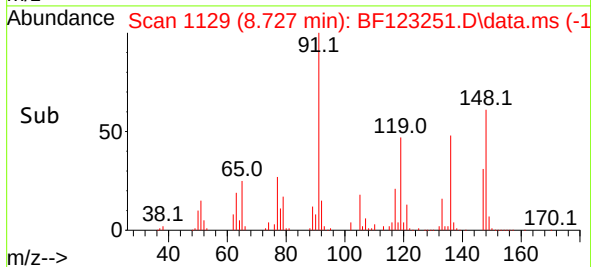
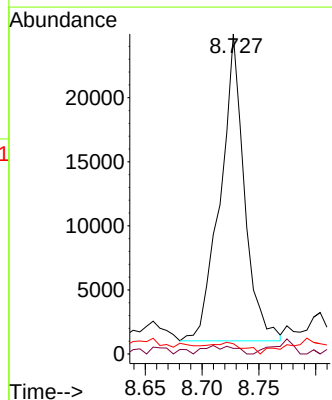
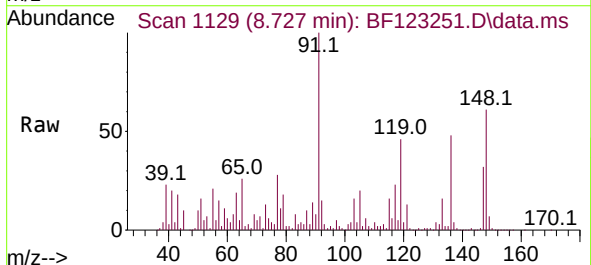
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

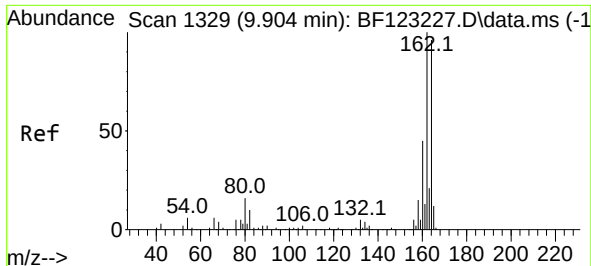
Tgt Ion:113 Resp: 25792
Ion Ratio Lower Upper
113 100
55 7665.7 133.7 173.7#
56 5571.0 95.3 135.3#



#36
4-Chloro-3-methylphenol
Concen: 3.63 ng
RT: 8.727 min Scan# 1129
Delta R.T. 0.035 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion:107 Resp: 35313
Ion Ratio Lower Upper
107 100
144 1.8 20.2 30.2#
142 3.2 64.4 96.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF123251.D

Acq: 20 Feb 2021 18:18

Tgt Ion:164 Resp: 304563

Ion Ratio Lower Upper

164 100

162 105.2 80.8 121.2

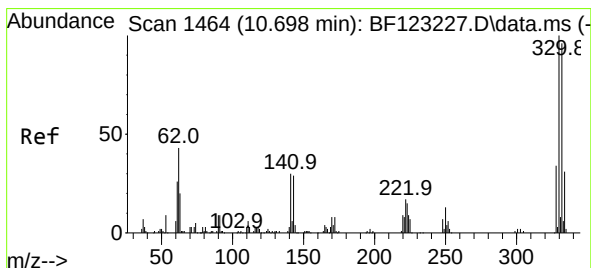
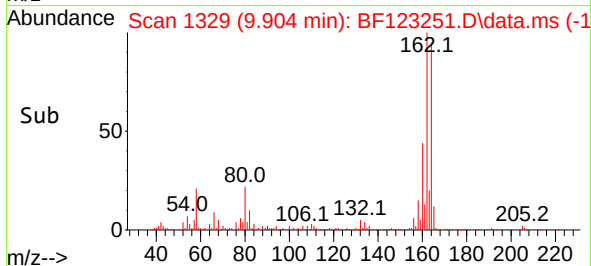
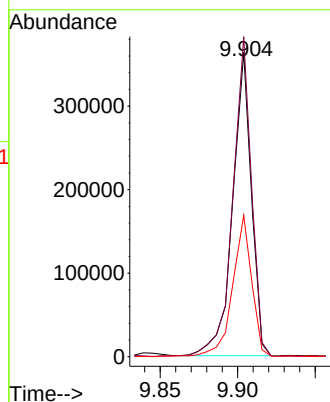
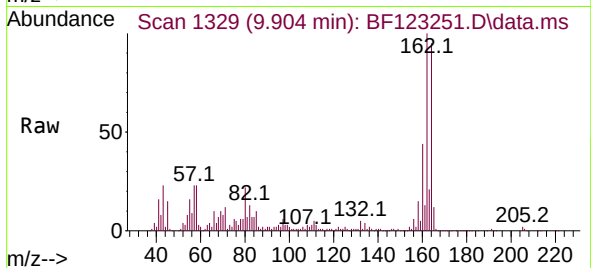
160 46.5 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

WATER-COMP



#42

2,4,6-Tribromophenol

Concen: 45.09 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF123251.D

Acq: 20 Feb 2021 18:18

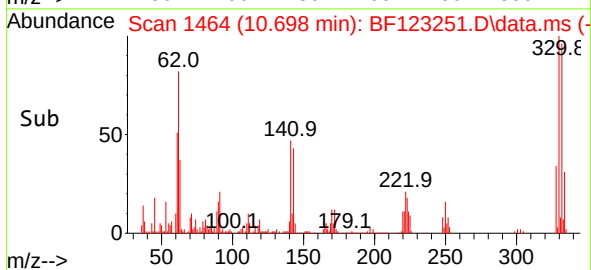
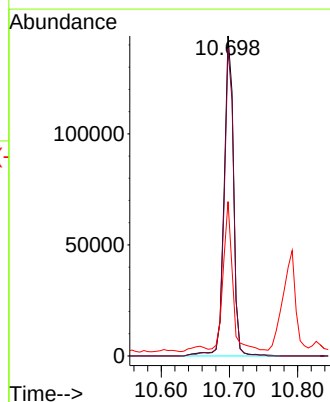
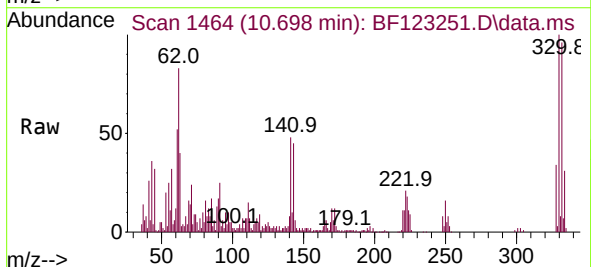
Tgt Ion:330 Resp: 139836

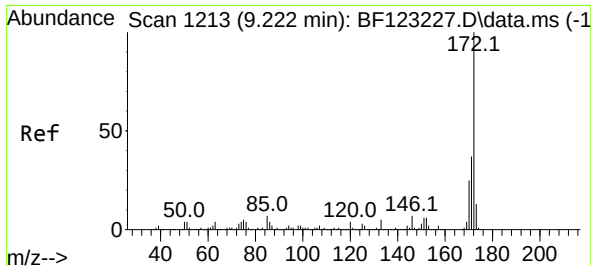
Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

141 46.6 23.8 35.8#

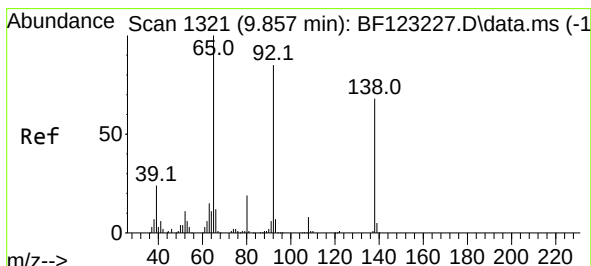
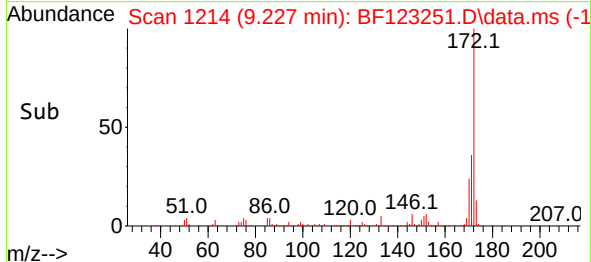
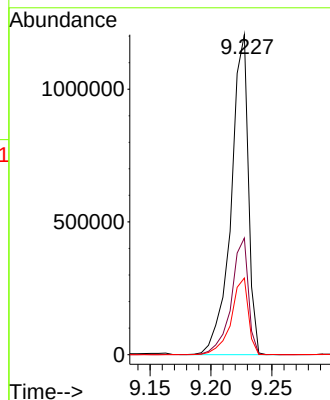
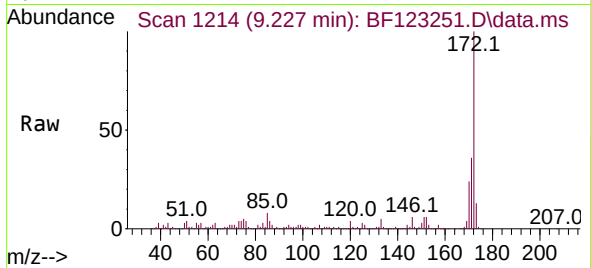




#45
2-Fluorobiphenyl
Concen: 56.02 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

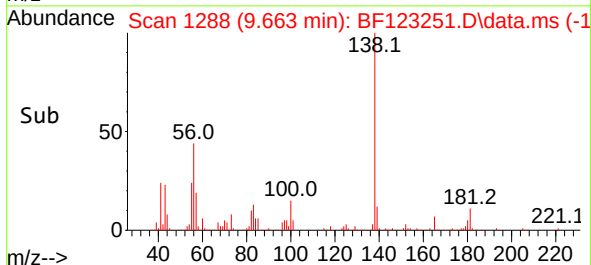
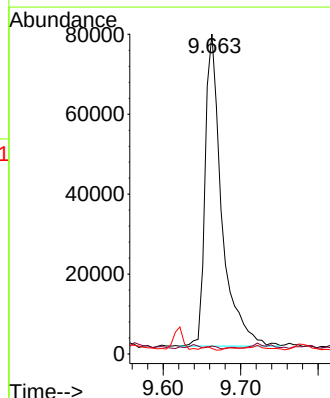
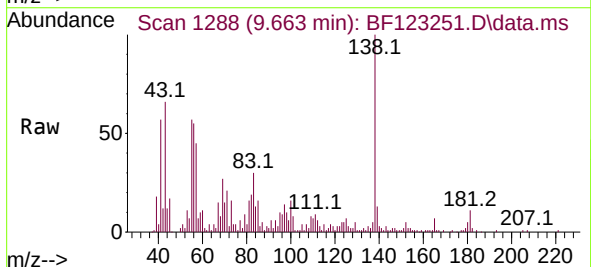
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

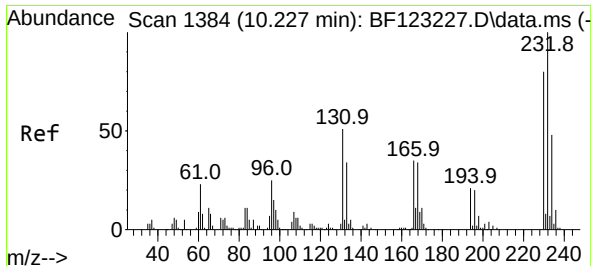
Tgt Ion:172 Resp: 1187860
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.5 29.3



#53
3-Nitroaniline
Concen: 19.99 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion:138 Resp: 116483
Ion Ratio Lower Upper
138 100
108 2.5 8.2 12.2#
92 1.7 85.4 128.2#

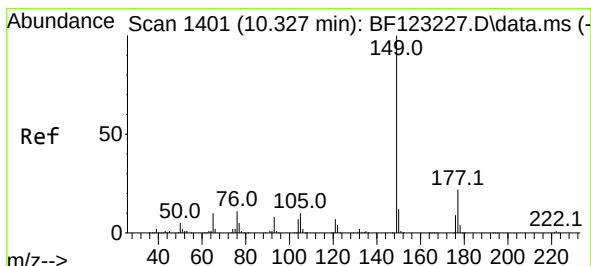
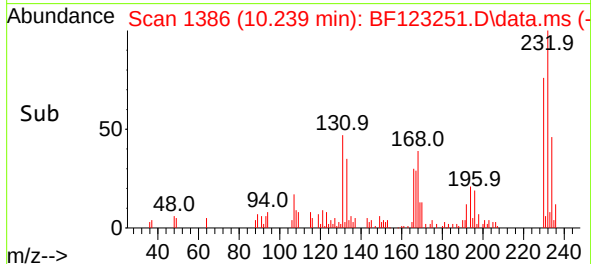
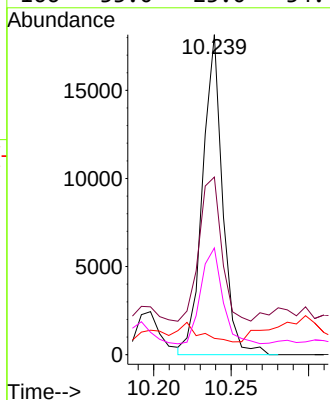
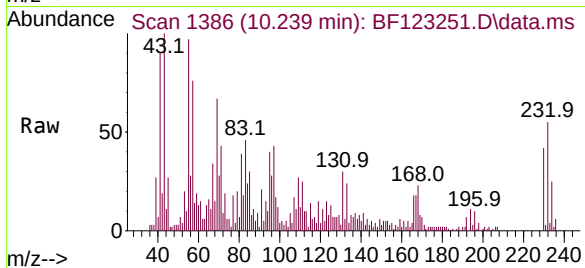




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.96 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

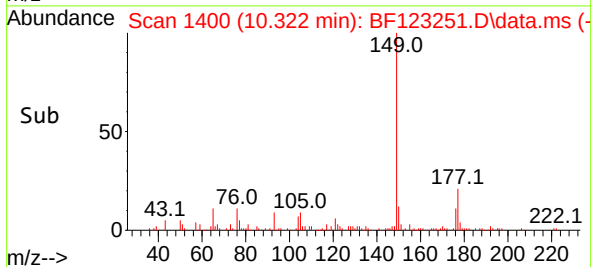
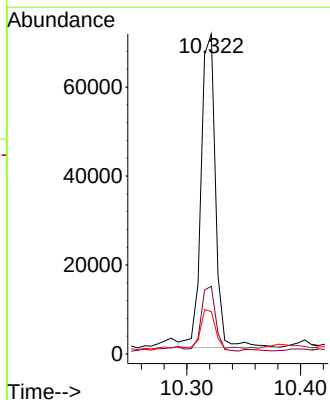
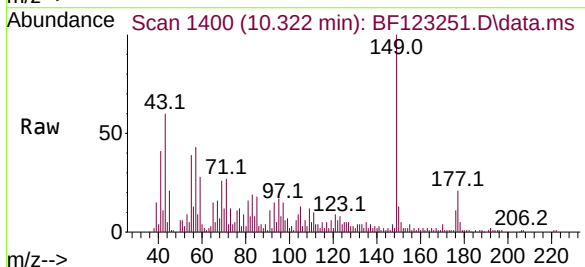
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

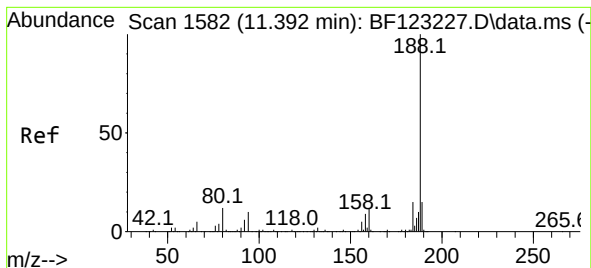
Tgt Ion:232 Resp: 16308
Ion Ratio Lower Upper
232 100
131 51.3 33.0 49.4#
130 7.5 1.7 2.5#
166 33.0 23.0 34.4



#60
Diethylphthalate
Concen: 2.77 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion:149 Resp: 62373
Ion Ratio Lower Upper
149 100
177 21.2 18.2 27.4
150 13.3 10.1 15.1

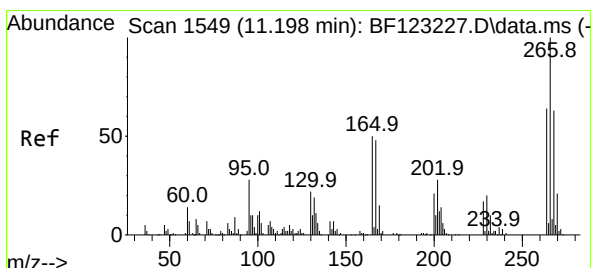
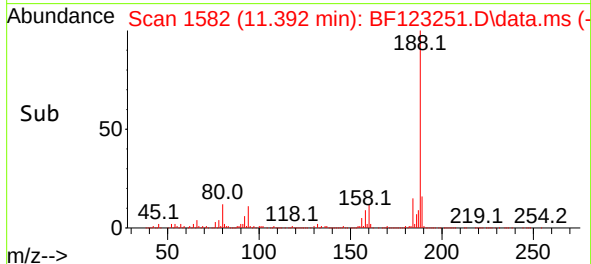
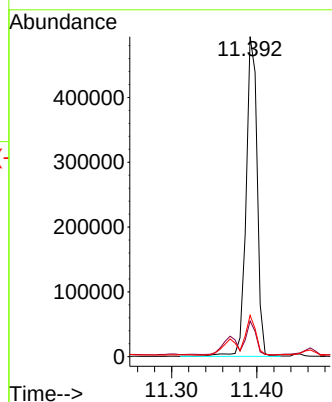
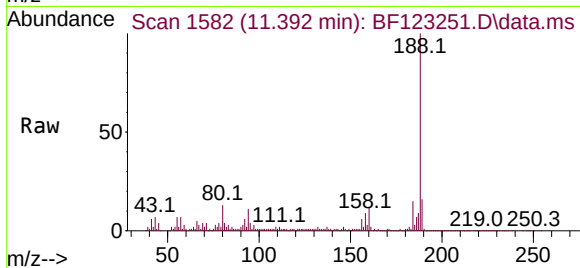




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

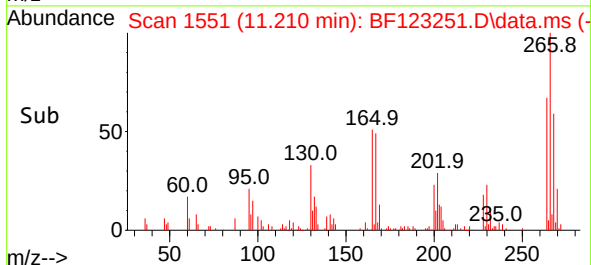
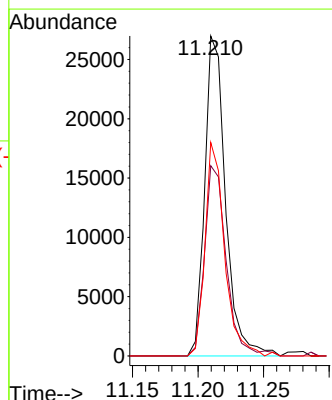
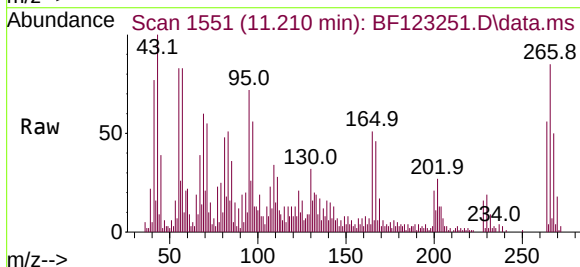
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

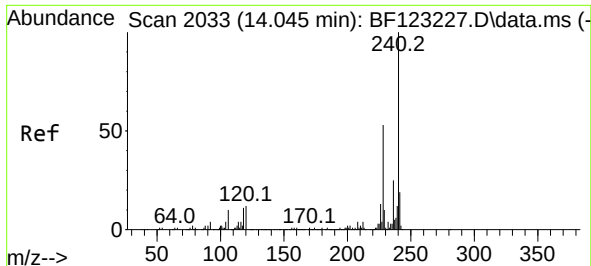
Tgt Ion:188 Resp: 443546
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 12.9 8.2 12.4#



#70
Pentachlorophenol
Concen: 9.28 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion:266 Resp: 29851
Ion Ratio Lower Upper
266 100
268 59.4 50.5 75.7
264 66.7 49.8 74.8

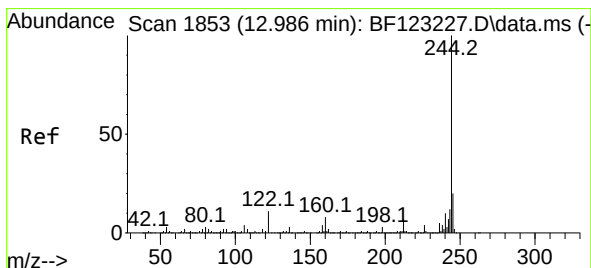
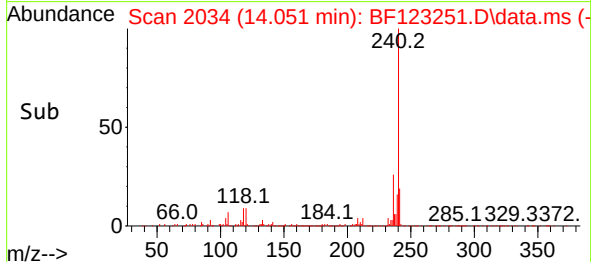
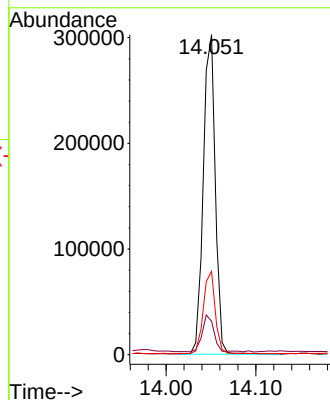
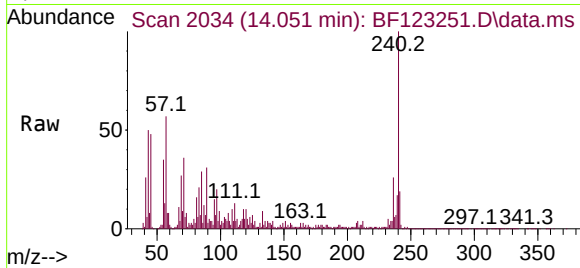




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

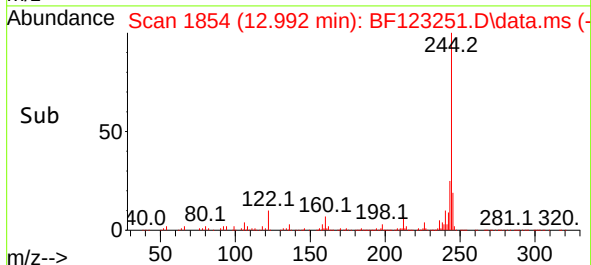
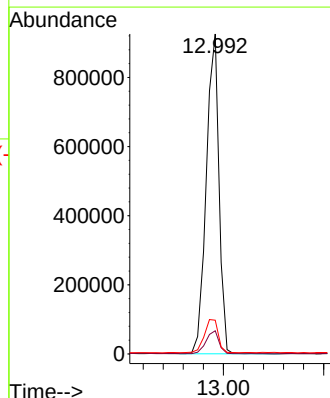
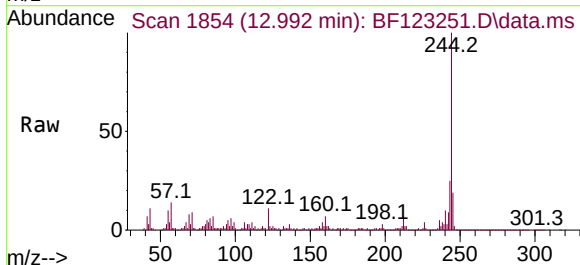
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

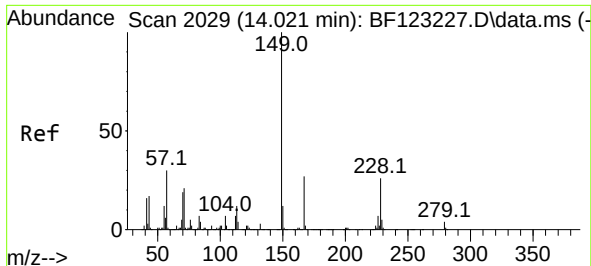
Tgt Ion:240 Resp: 281414
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 55.83 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion:244 Resp: 817059
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.6 8.3 12.5

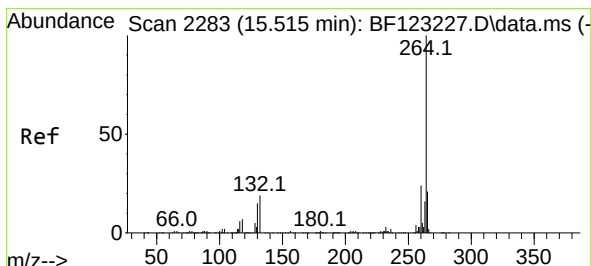
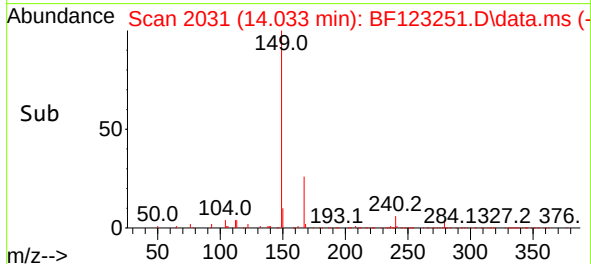
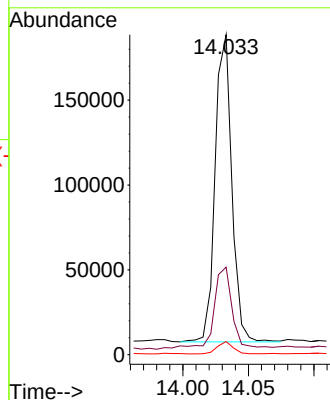
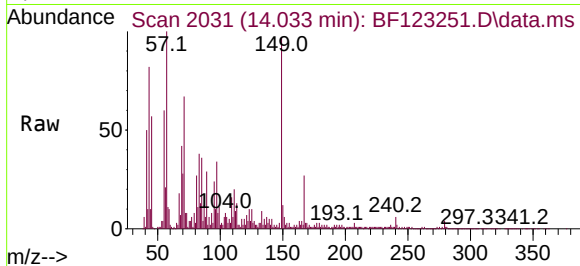




#84
Bis(2-ethylhexyl)phthalate
Concen: 12.49 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Instrument :
BNA_F
ClientSampleId :
WATER-COMP

Tgt Ion:149 Resp: 159703
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.1 3.4 5.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Tgt Ion:264 Resp: 270265
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.5 17.0 25.6

