

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)

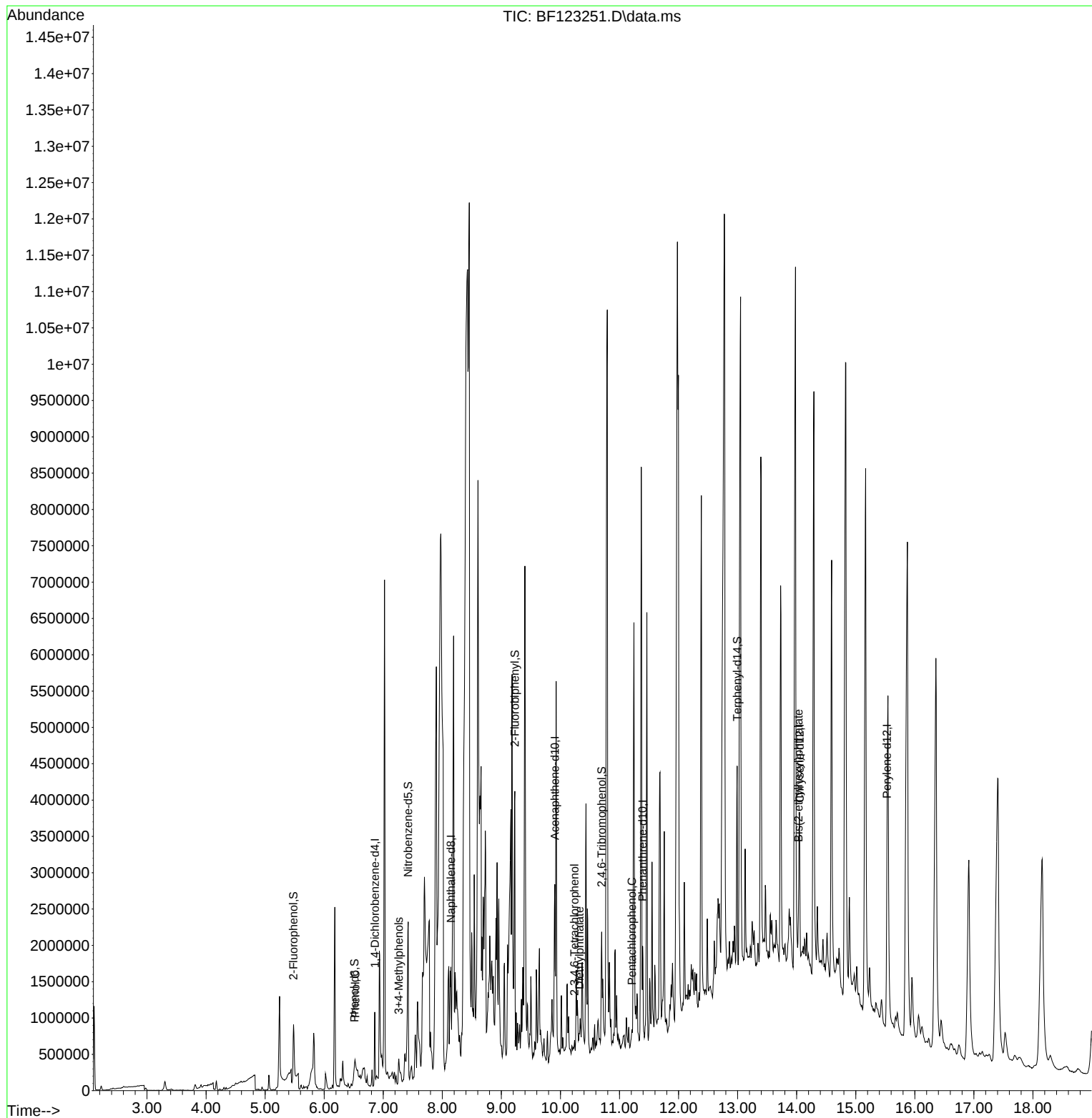
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	124039	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	530356	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	304563	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	443546	20.00	ng	# 0.00
76) Chrysene-d12	14.051	240	281414	20.00	ng	0.00
86) Perylene-d12	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						
10) Phenol	6.528	94	133240	10.44	ng	Qvalue 76
20) 3+4-Methylphenols	7.263	107	24657	2.41	ng	# 84
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

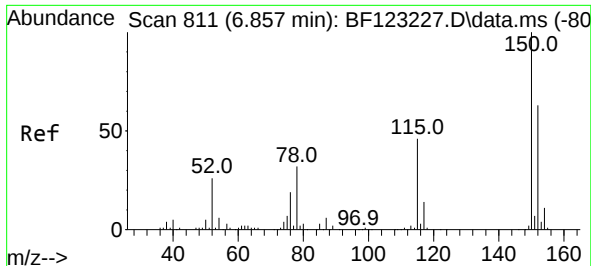
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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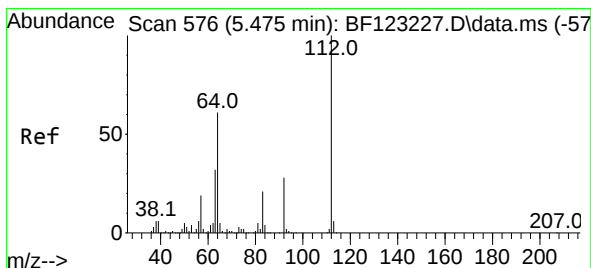
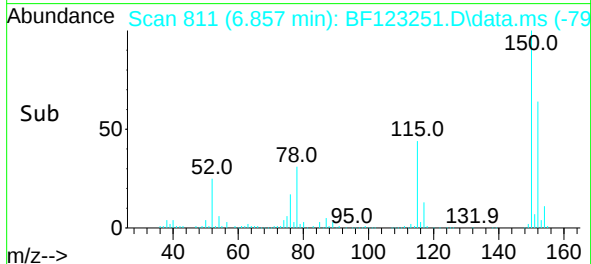
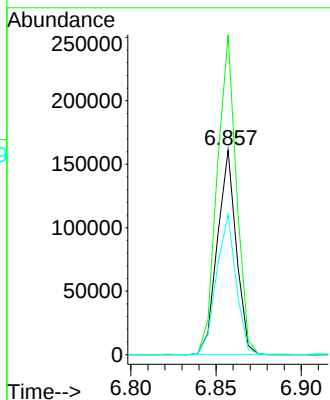
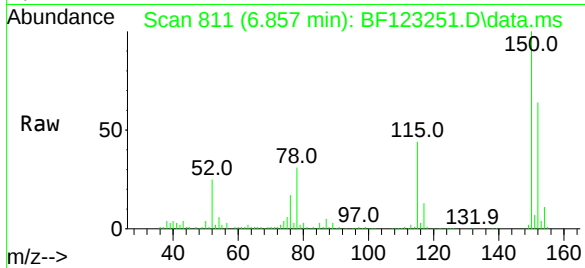




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

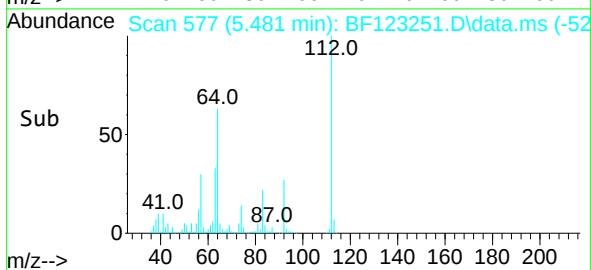
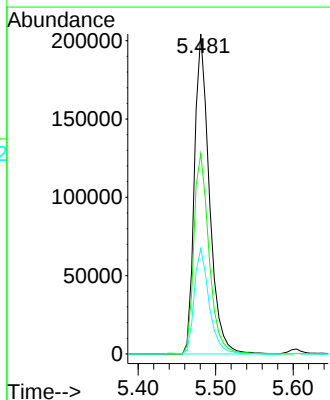
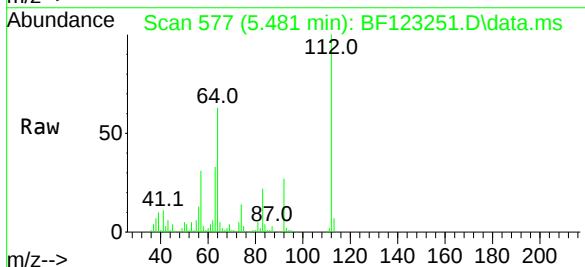
Instrument :
BNA_F
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WATER-COMP

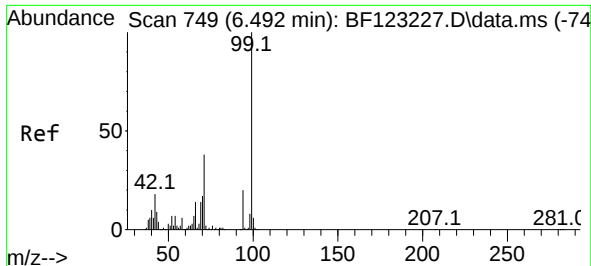
Tgt Ion:152 Resp: 124039
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 68.5 49.3 73.9



#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

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

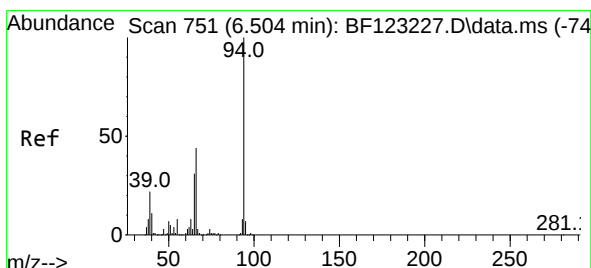
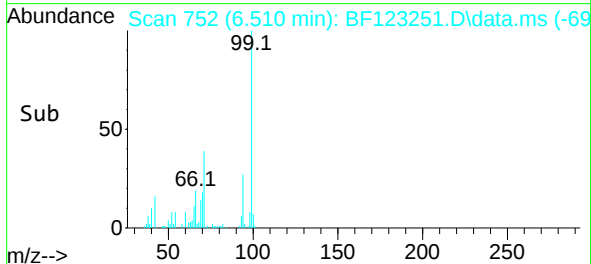
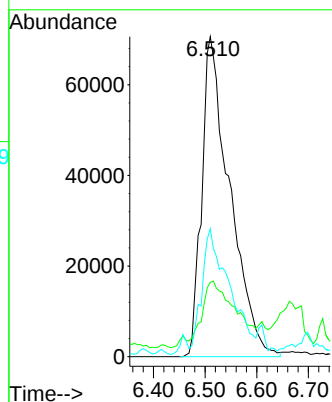
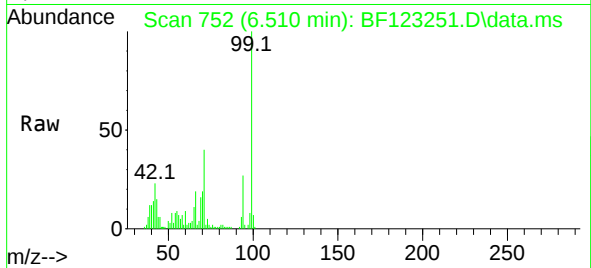




#7
Phenol-d6
Concen: 22.69 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.018 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

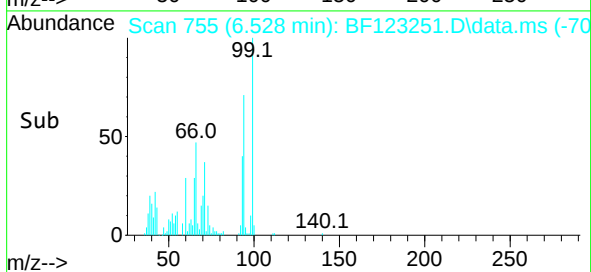
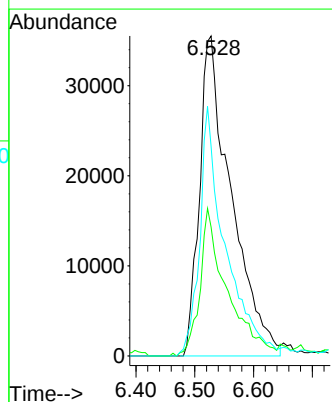
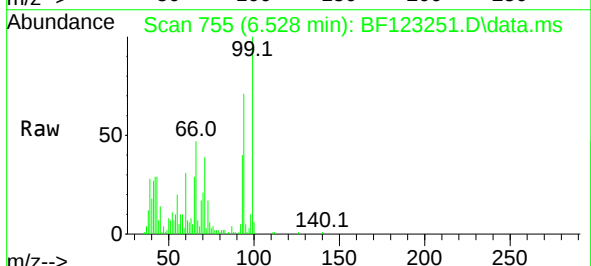
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

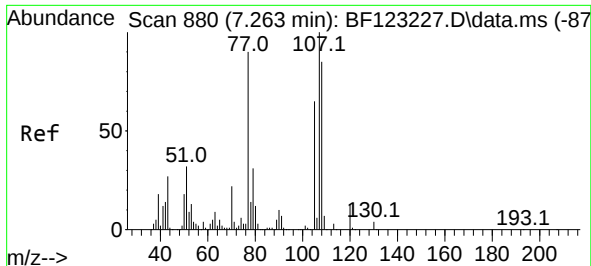
Tgt Ion: 99 Resp: 265648
Ion Ratio Lower Upper
99 100
42 23.2 13.8 20.6#
71 40.0 26.9 40.3



#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



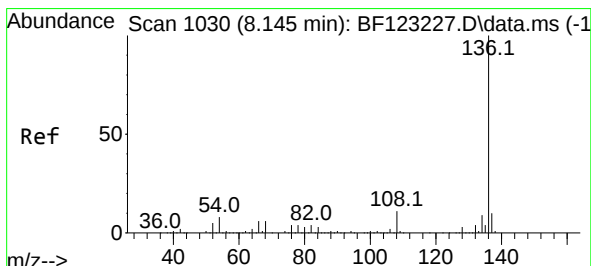
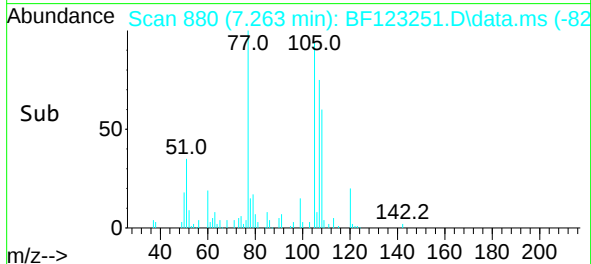
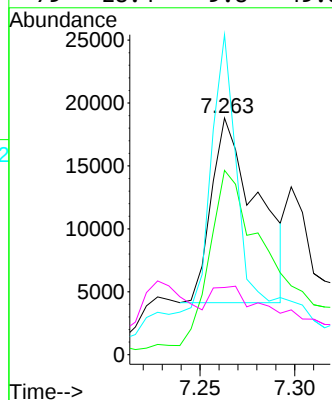
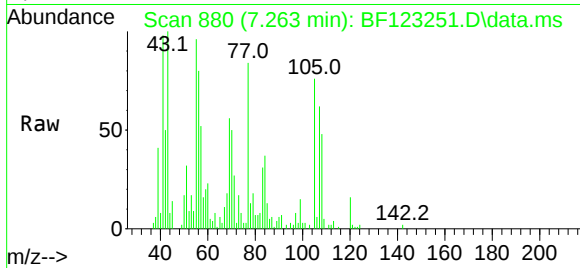


#20
3+4-Methylphenols
Concen: 2.41 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Instrument :
BNA_F
ClientSampleId :
WATER-COMP

Tgt Ion:107 Resp: 24657

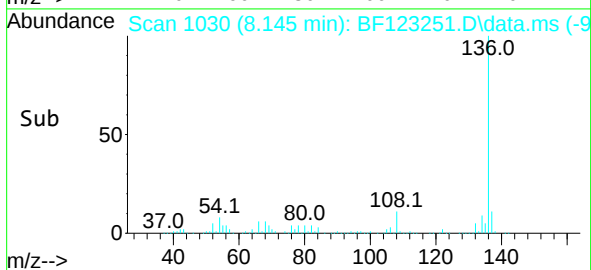
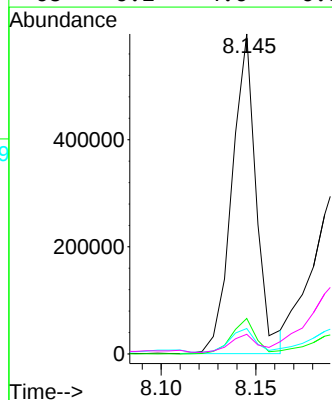
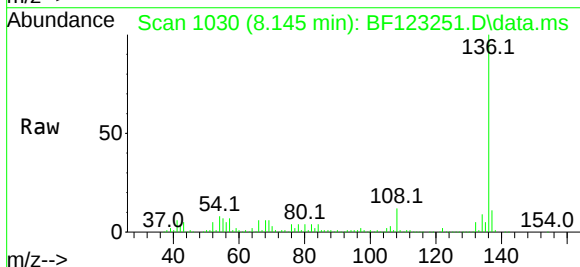
Ion	Ratio	Lower	Upper
107	100		
108	77.9	68.7	108.7
77	135.2	89.8	129.8#
79	28.4	9.8	49.8

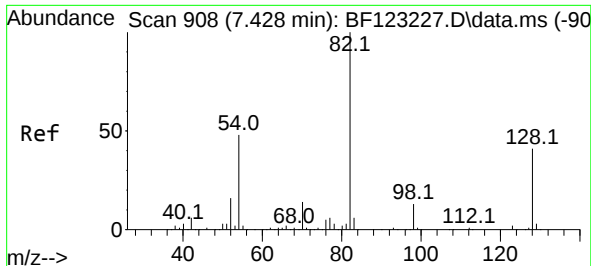


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

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

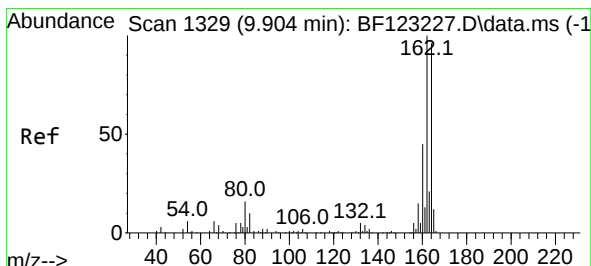
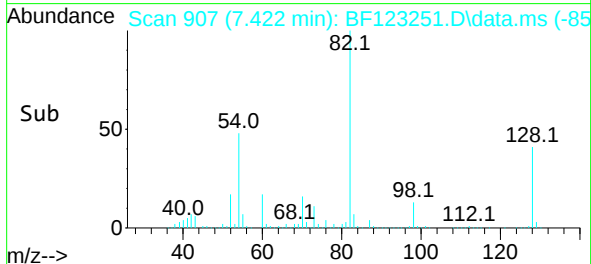
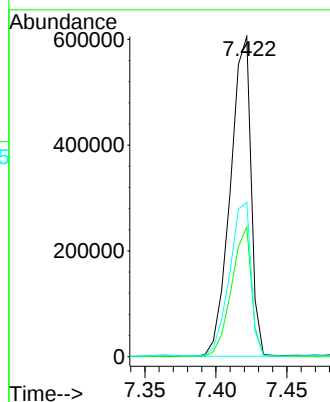
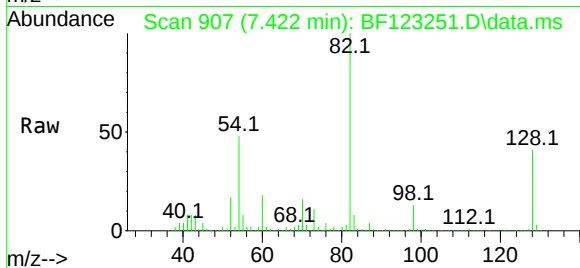
Delta R.T. -0.006 min

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



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

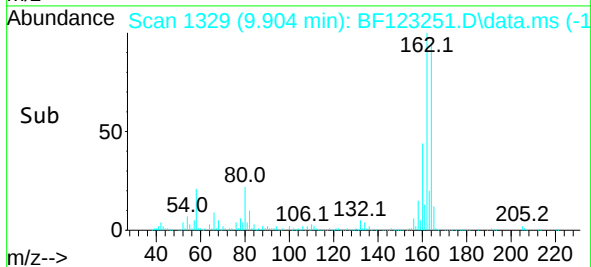
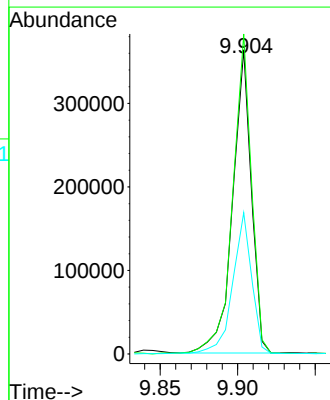
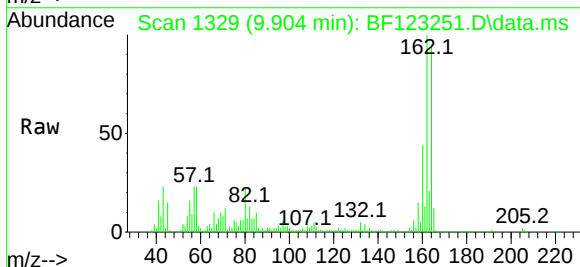
Delta R.T. -0.000 min

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

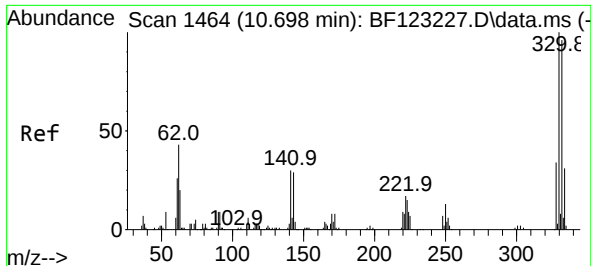


Instrument :

BNA_F

ClientSampleId :

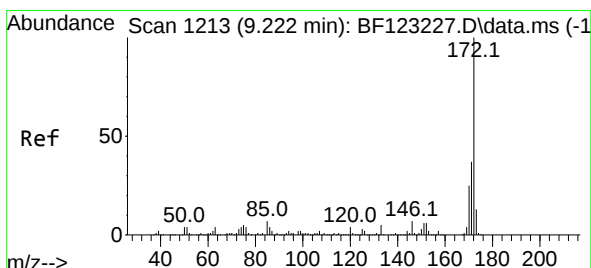
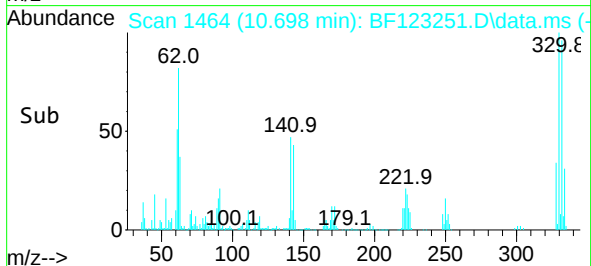
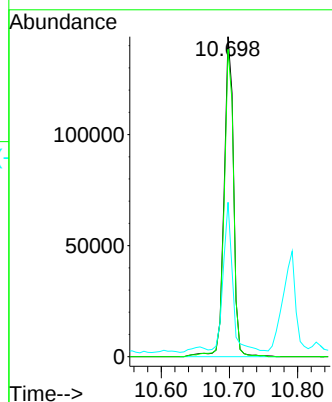
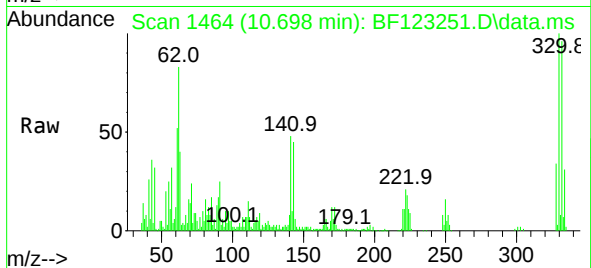
WATER-COMP



#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

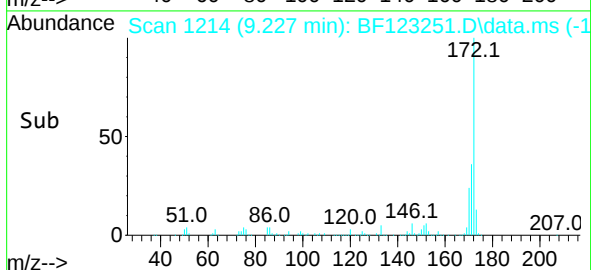
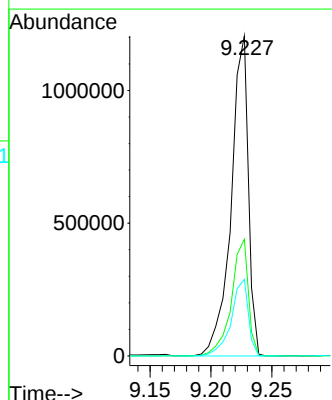
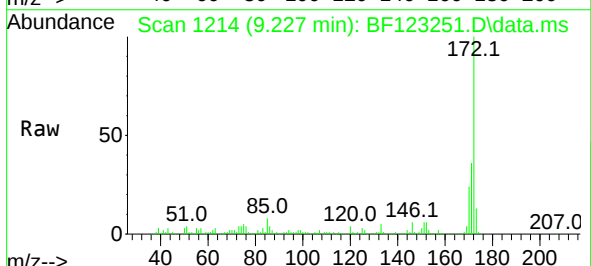
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

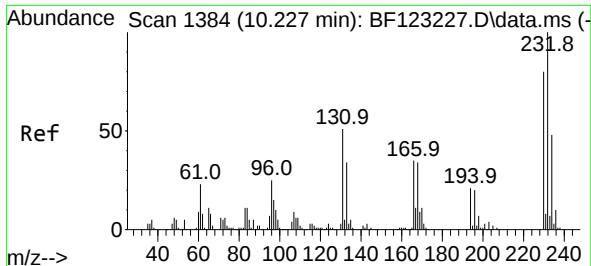
Tgt Ion: 330 Resp: 139836
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 46.6 23.8 35.8#



#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

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



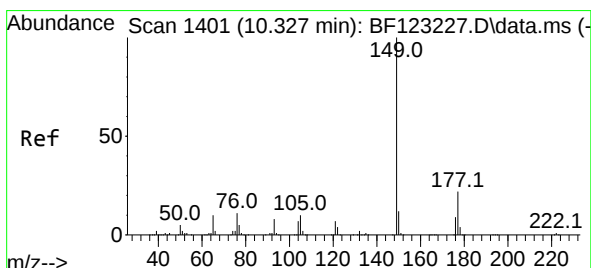
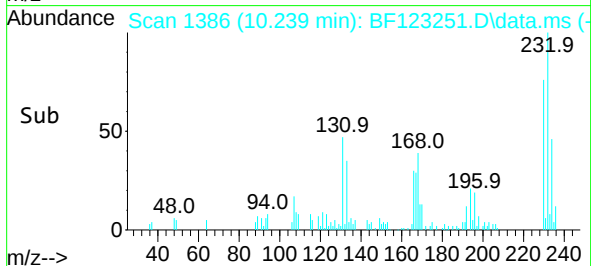
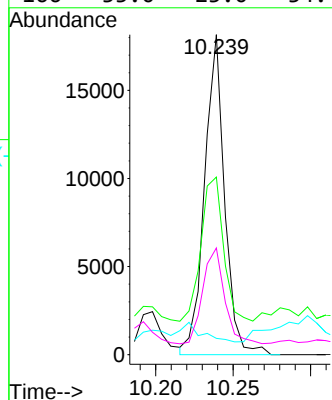
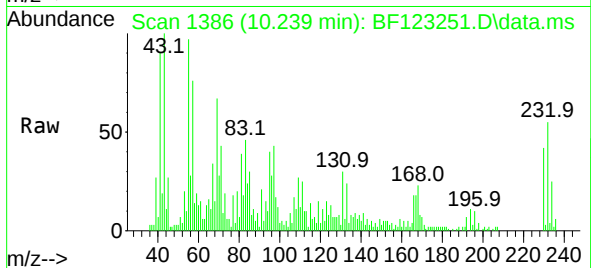


#59
2,3,4,6-Tetrachlorophenol
Concen: 2.96 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

Instrument :
BNA_F
ClientSampleId :
WATER-COMP

Tgt Ion:232 Resp: 16308

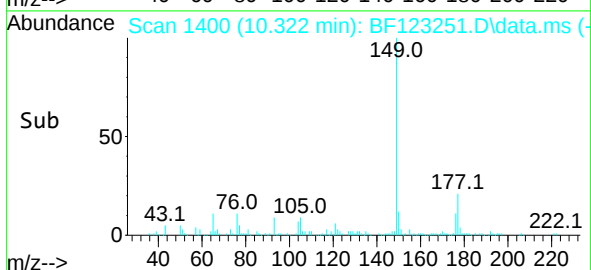
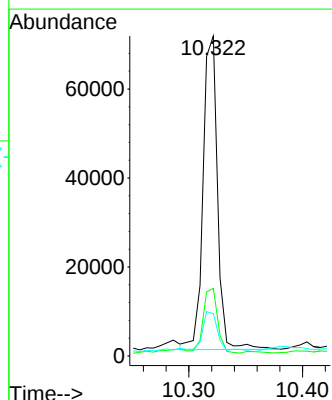
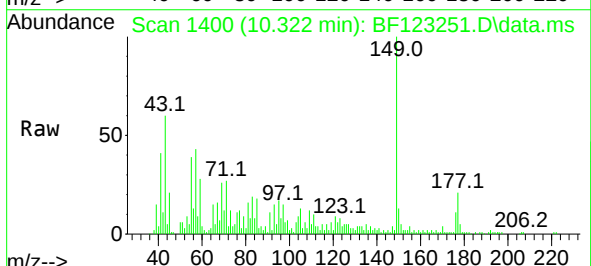
Ion	Ratio	Lower	Upper
232	100		
131	51.3	33.0	49.4#
130	7.5	1.7	2.5#
166	33.0	23.0	34.4

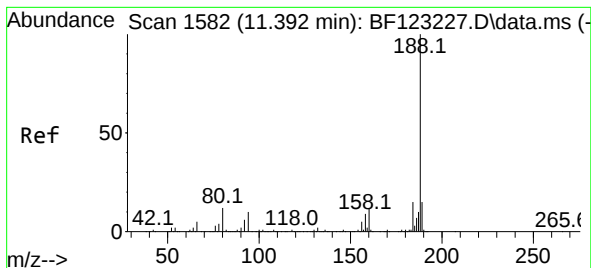


#60
Diethylphthalate
Concen: 2.77 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

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

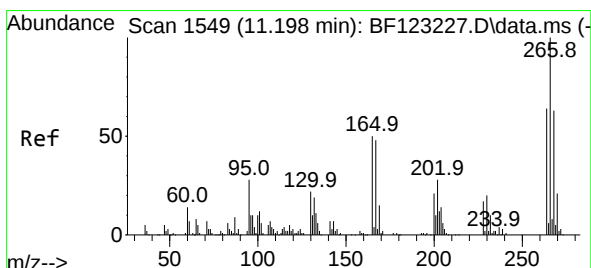
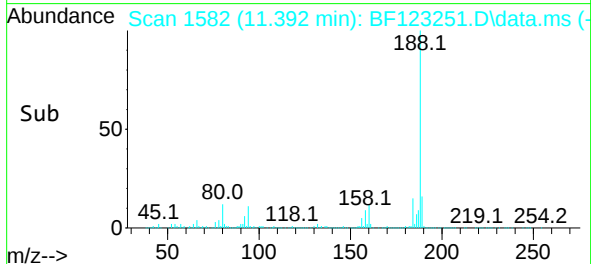
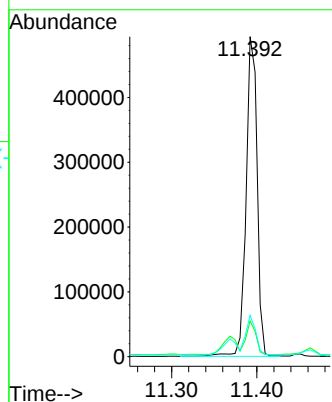
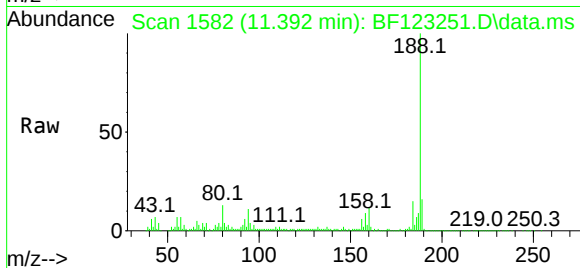




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

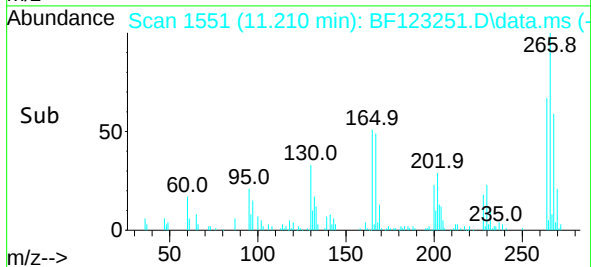
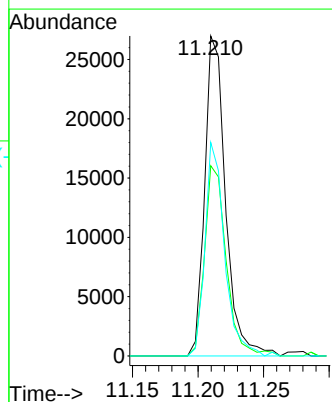
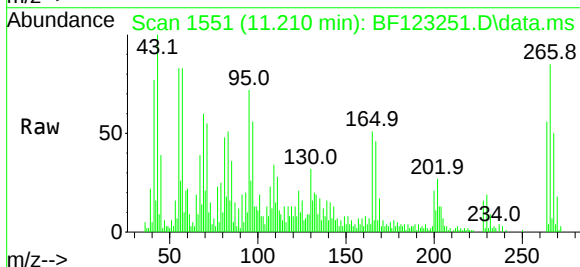
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

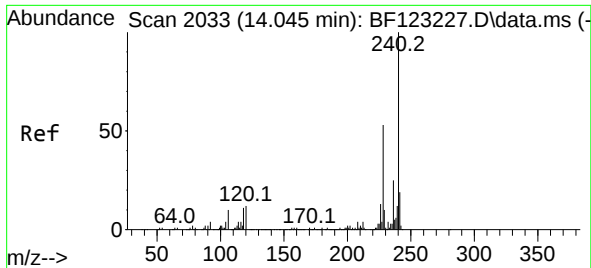
Tgt Ion:188 Resp: 443546
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 12.9 8.2 12.4#



#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

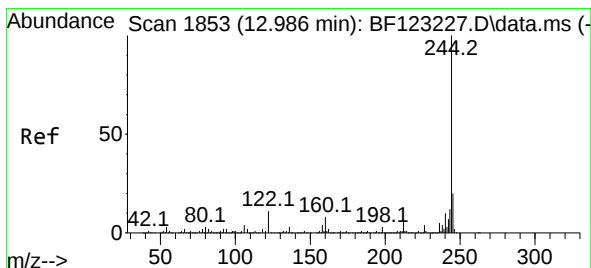
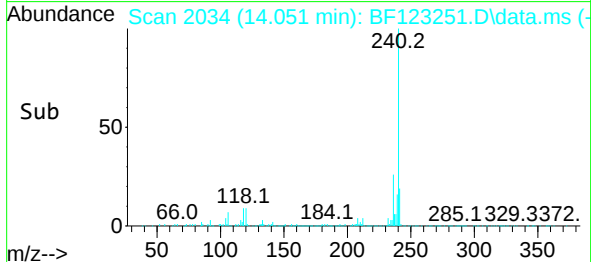
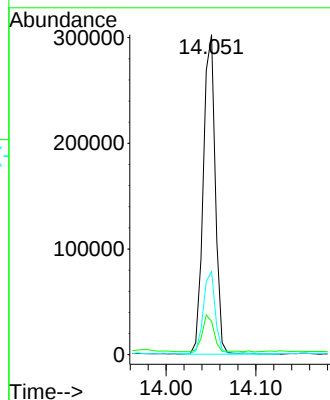
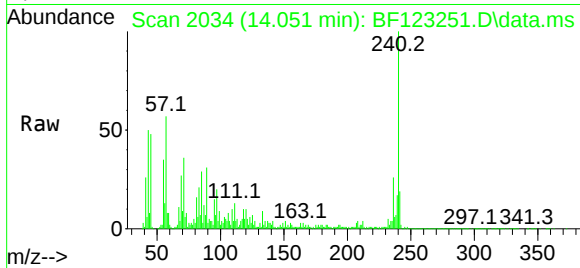




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

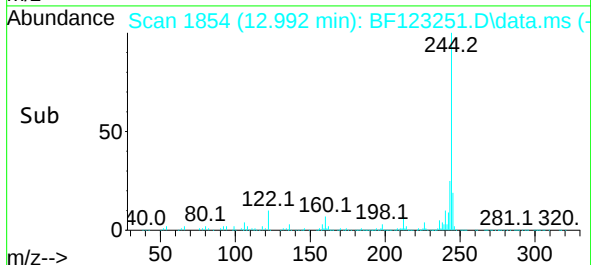
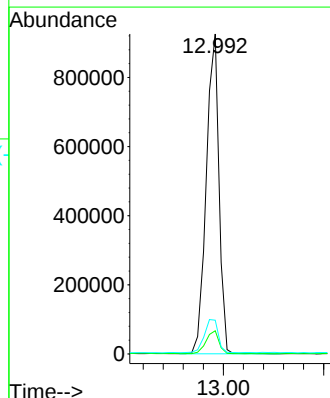
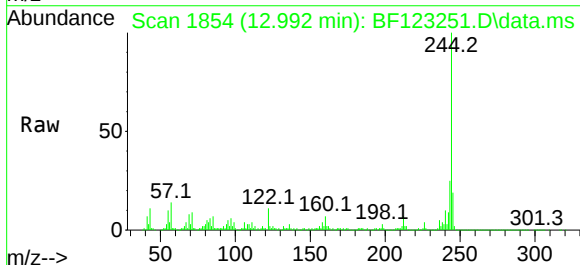
Instrument :
BNA_F
ClientSampleId :
WATER-COMP

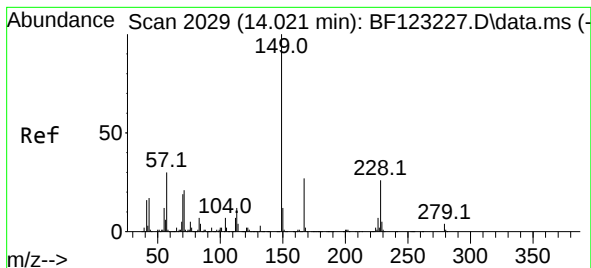
Tgt Ion:240 Resp: 281414
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.0 20.3 30.5



#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

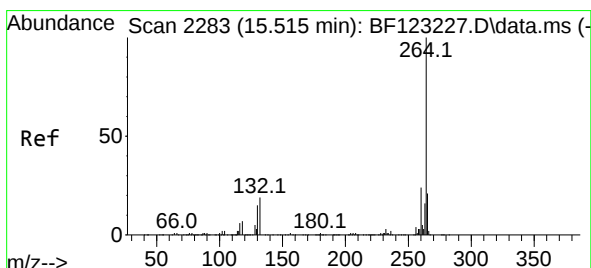
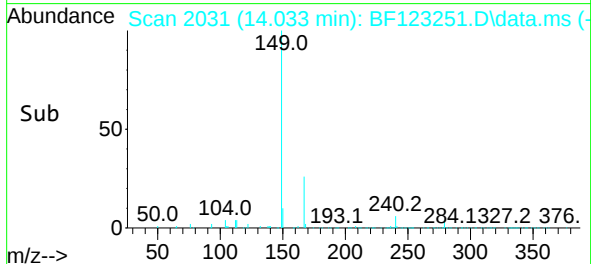
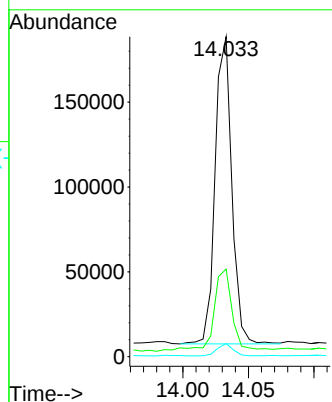
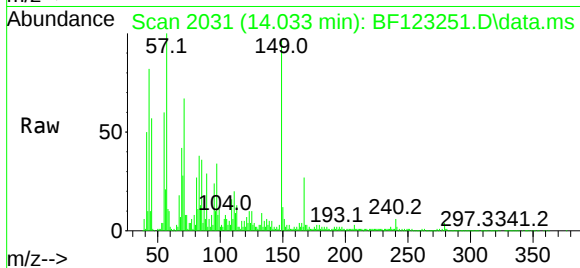




#84
Bis(2-ethylhexyl)phthalate
Concen: 12.49 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF123251.D
Acq: 20 Feb 2021 18:18

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

