

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108806.D
 Acq On : 6 Sep 2018 5:48
 Operator : JU/SJ
 Sample : J4724-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-BOILER

Quant Time: Sep 06 08:33:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

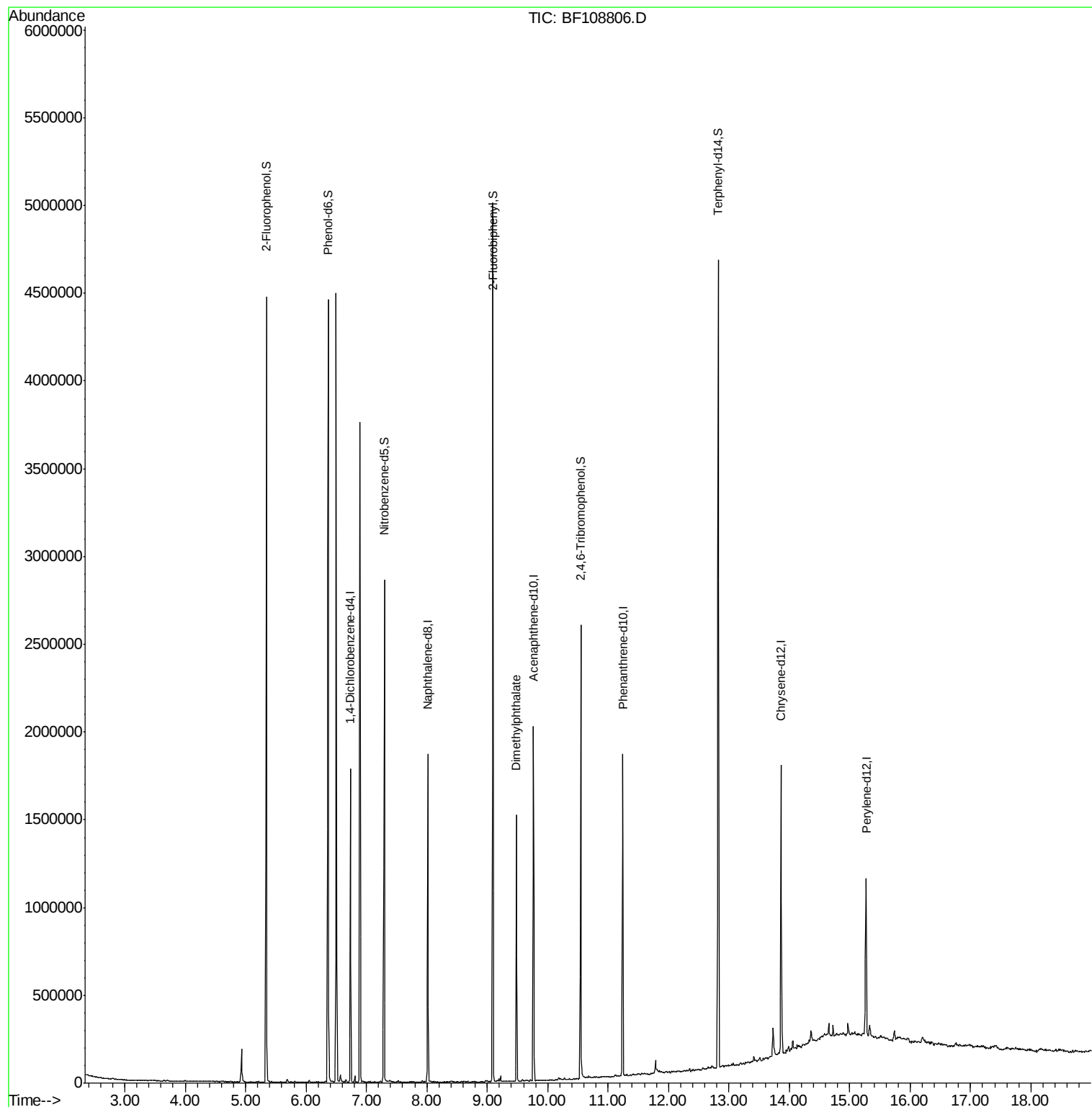
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	239446	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	838110	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	343537	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	599458	20.00	ng	0.00
75) Chrysene-d12	13.87	240	527907	20.00	ng	0.00
86) Perylene-d12	15.27	264	390919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1244510	86.10	ng	0.00
7) Phenol-d6	6.37	99	1612809	86.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	916560	68.44	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	286022	87.21	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1565094	77.72	ng	0.00
78) Terphenyl-d14	12.82	244	1457300	64.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	498784	20.758	ng	Qvalue 100

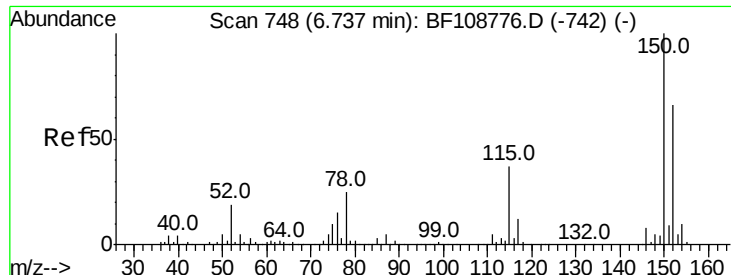
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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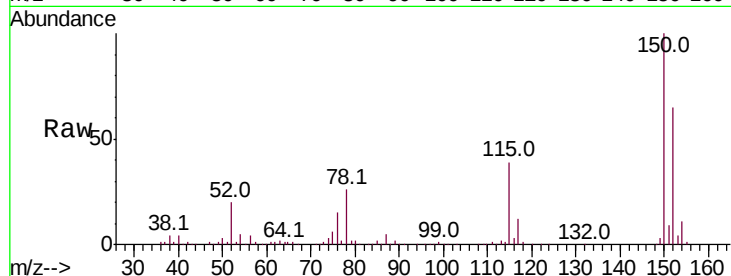


#1

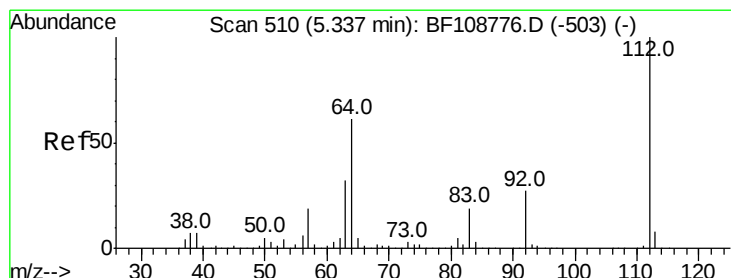
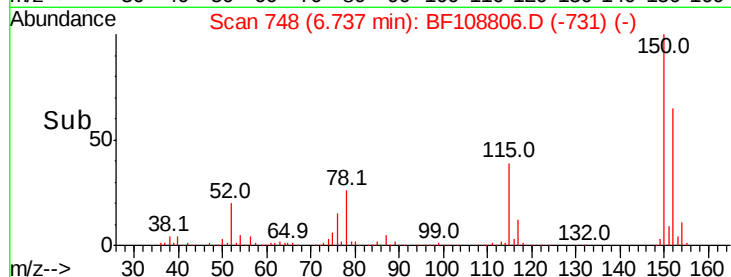
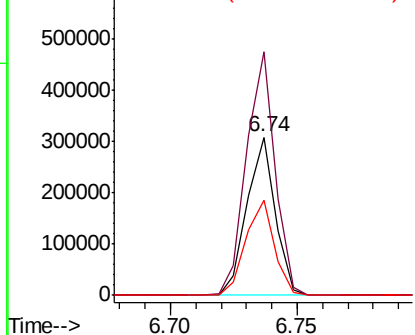
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-BOILER

Tot Ion:152 Resp: 239446
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 60.1 50.1 75.1



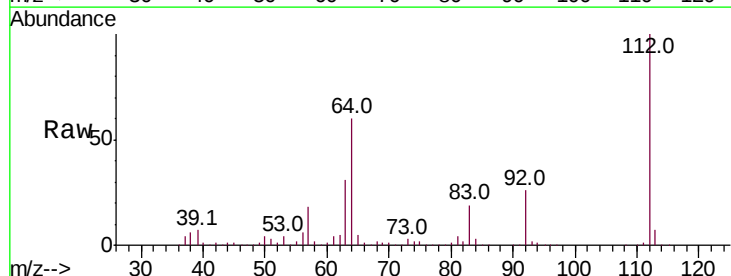
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



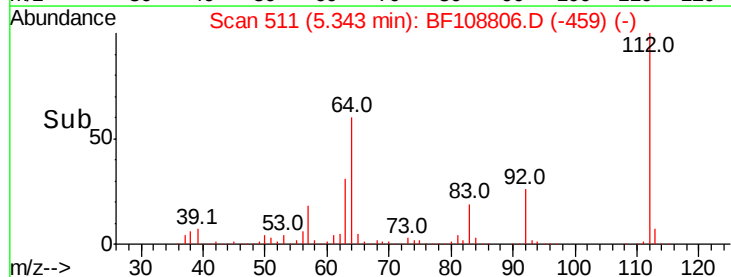
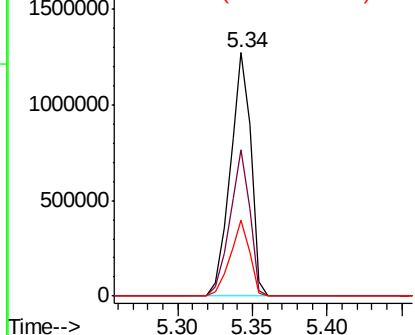
#5

2-Fluorophenol
Concen: 86.105 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Tgt Ion:112 Resp: 1244510
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.726 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-BOILER

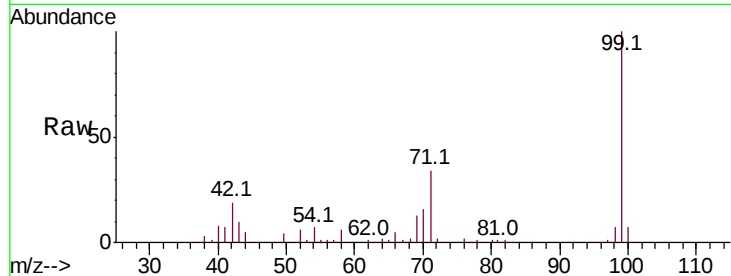
Tot Ion: 99 Resp: 1612809

Ion Ratio Lower Upper

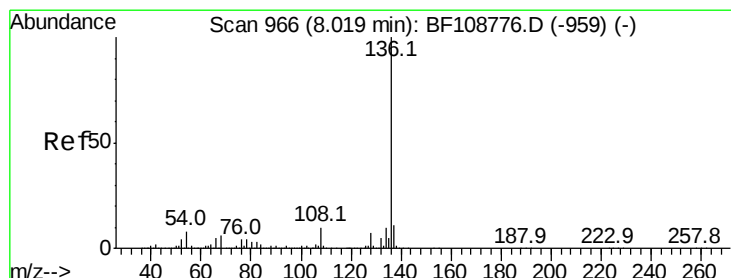
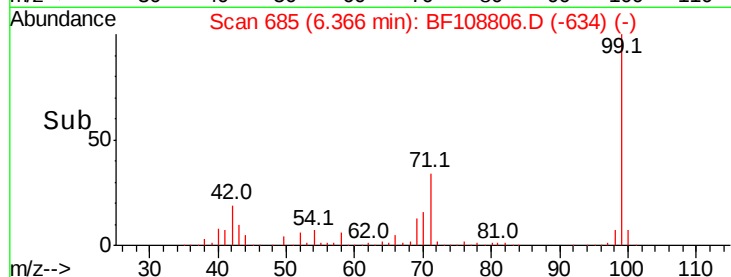
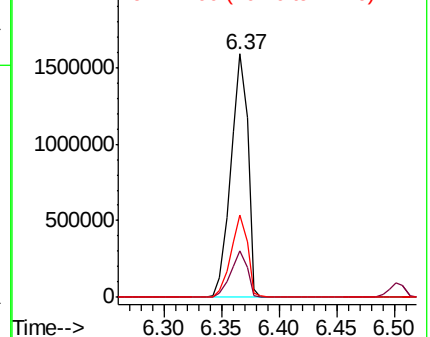
99 100

42 19.3 14.5 21.7

71 33.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Tgt Ion: 136 Resp: 838110

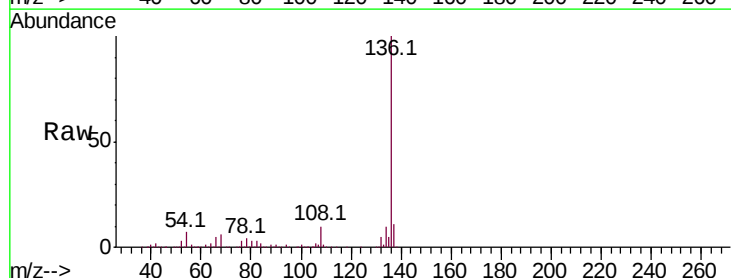
Ion Ratio Lower Upper

136 100

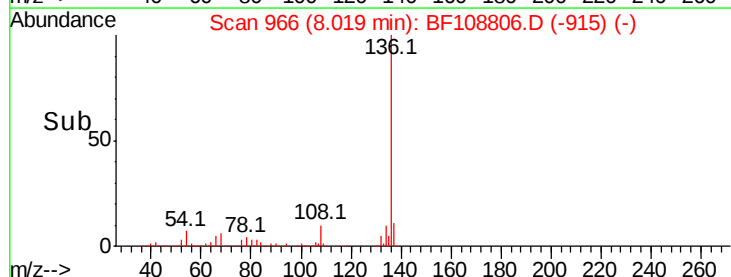
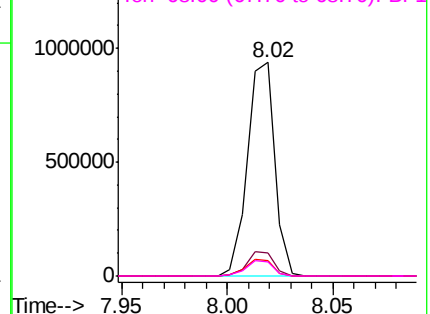
137 11.1 8.9 13.3

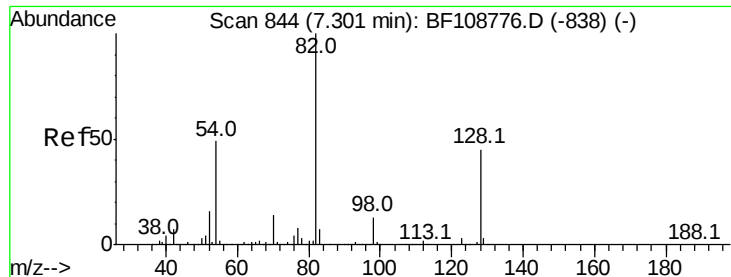
54 7.3 6.6 9.8

68 6.4 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

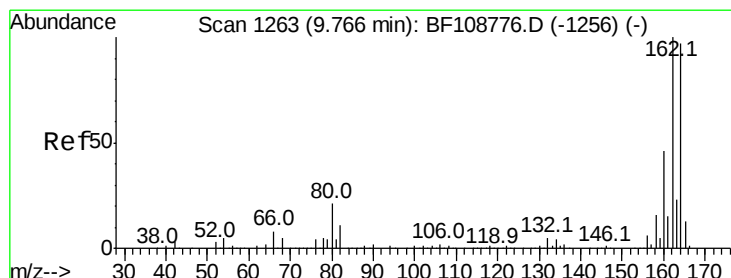
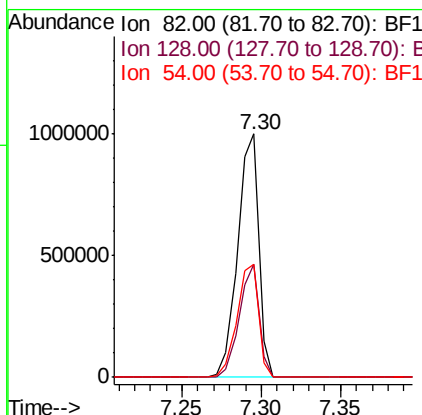
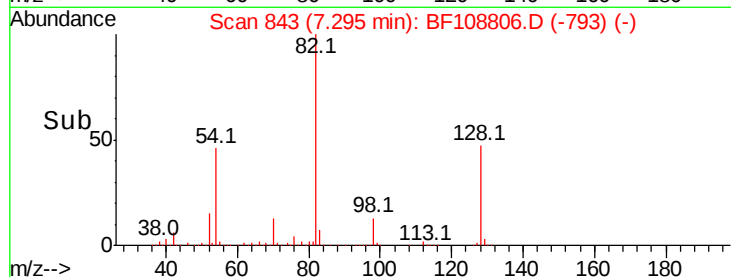
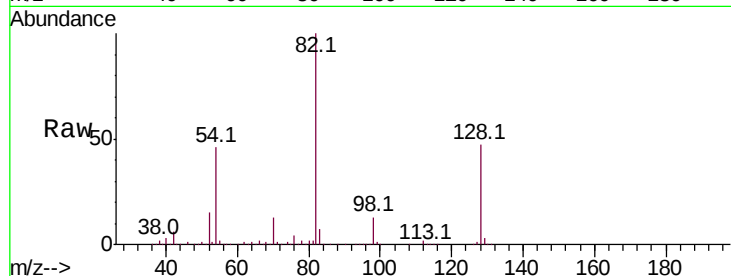




#23
Nitrobenzene-d5
Concen: 68.439 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

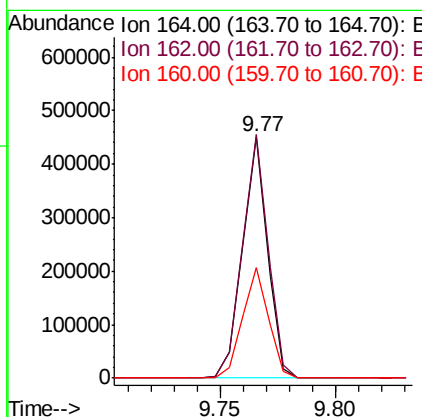
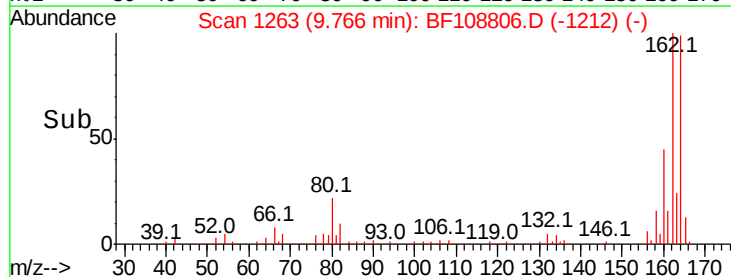
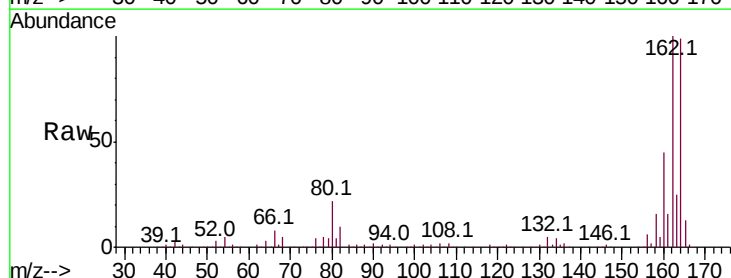
Instrument :
BNA_F
ClientSampleId :
EP1-SUT-BOILER

Tot Ion: 82 Resp: 916560
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 46.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Tgt Ion:164 Resp: 343537
Ion Ratio Lower Upper
164 100
162 100.9 86.1 129.1
160 45.8 38.3 57.5

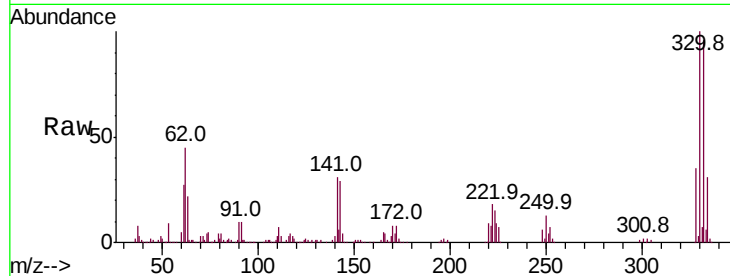




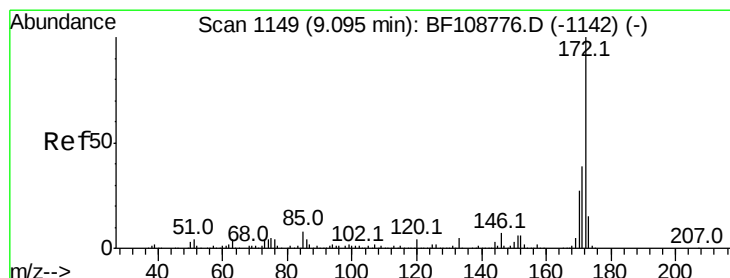
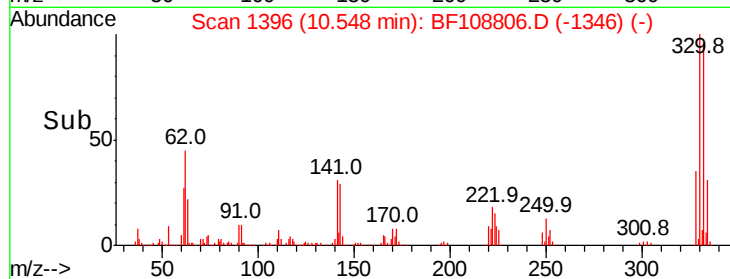
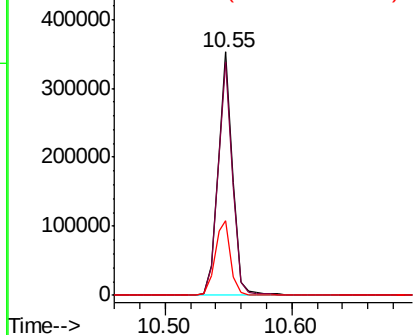
#41
 2,4,6-Tribromophenol
 Concen: 87.213 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108806.D
 Acq: 6 Sep 2018 5:48

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-BOILER

Tot Ion:330 Resp: 286022
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.2 29.9 44.9

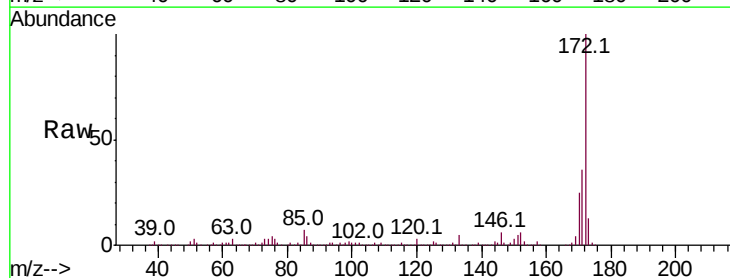


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

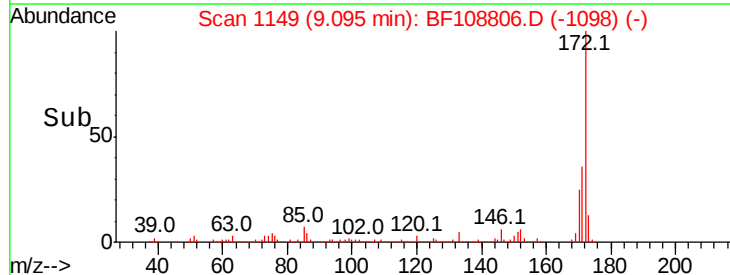
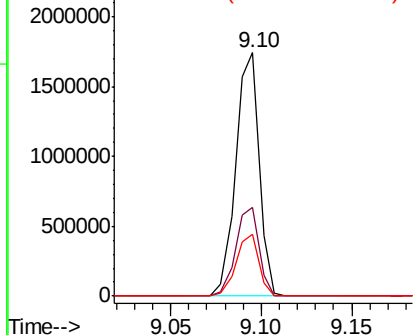


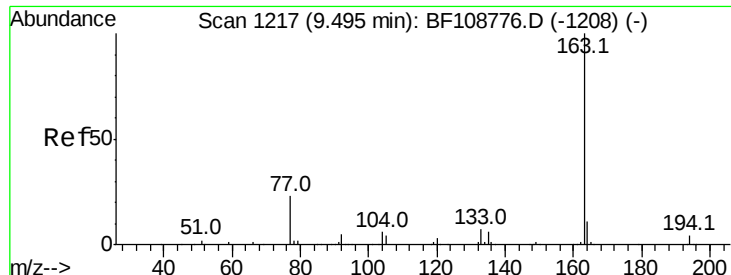
#44
 2-Fluorobiphenyl
 Concen: 77.722 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108806.D
 Acq: 6 Sep 2018 5:48

Tgt Ion:172 Resp: 1565094
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 25.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

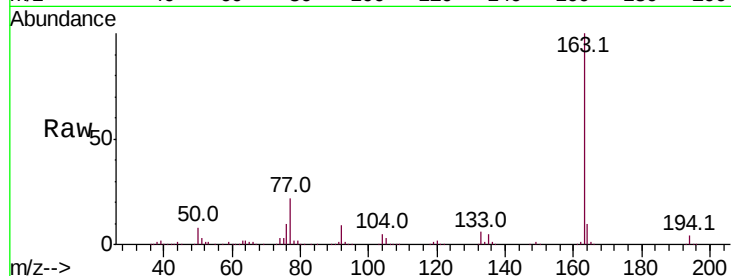




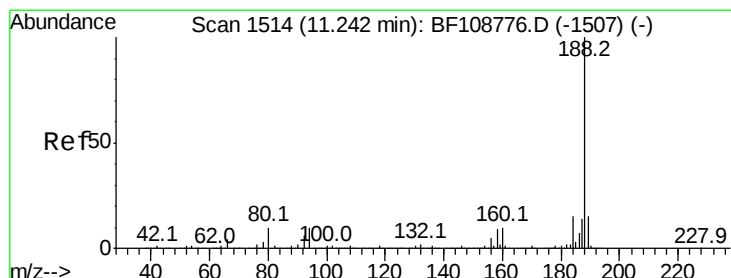
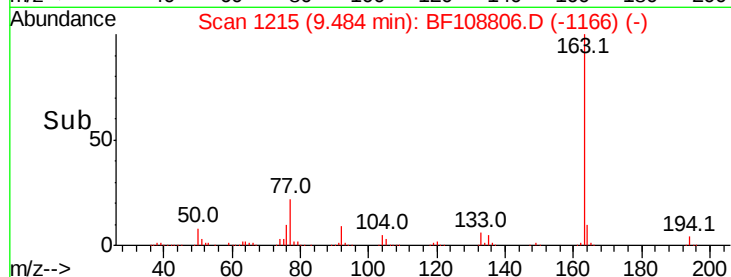
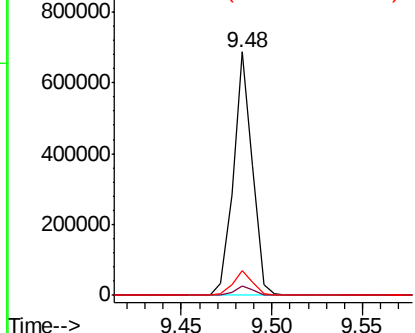
#49
Dimethylphthalate
Concen: 20.758 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-BOILER

Tot Ion:163 Resp: 498784
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

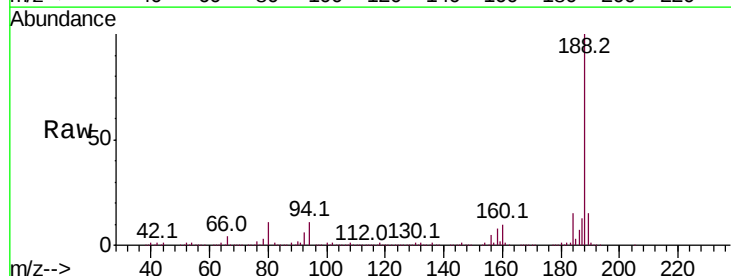


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

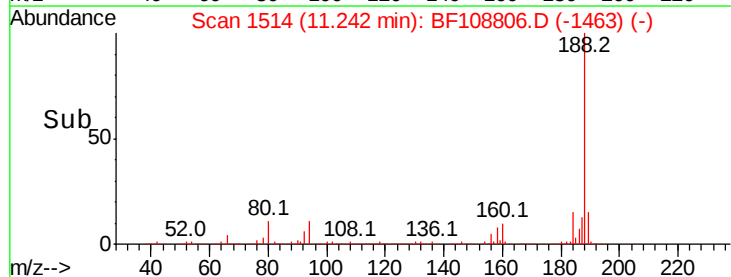
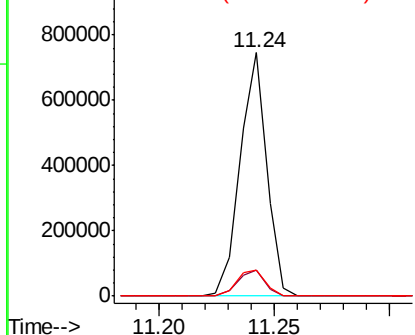


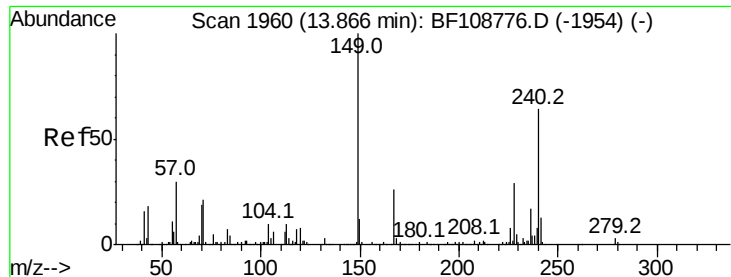
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Tgt Ion:188 Resp: 599458
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-BOILER

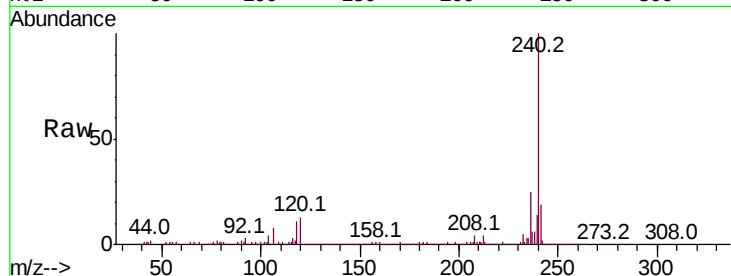
Tot Ion:240 Resp: 527907

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

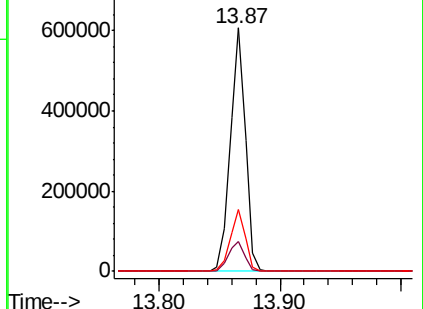
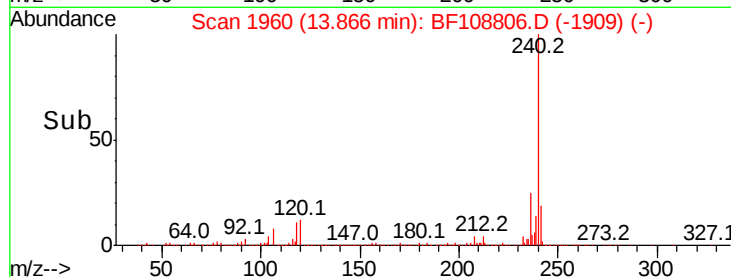
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 64.373 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

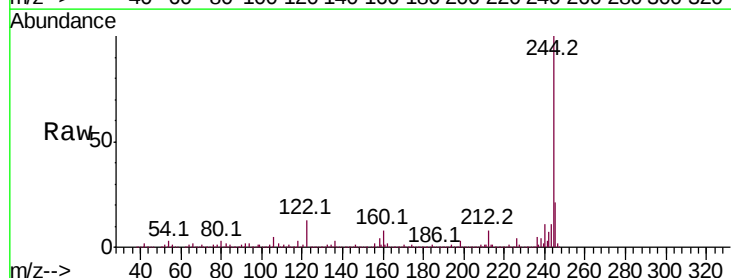
Tgt Ion:244 Resp: 1457300

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

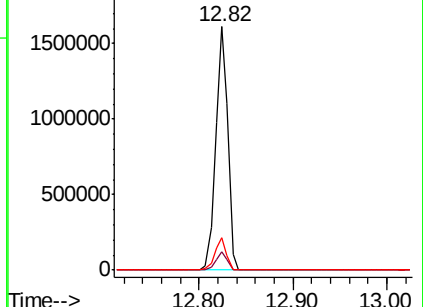
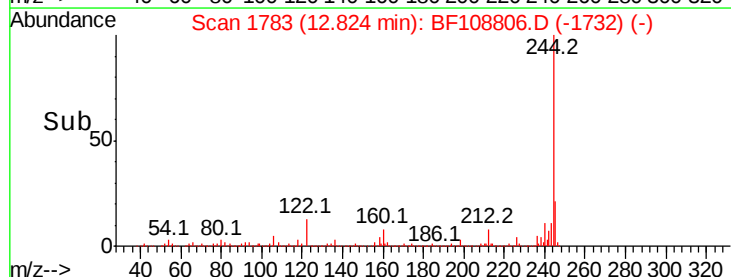
122 13.4 11.0 16.4

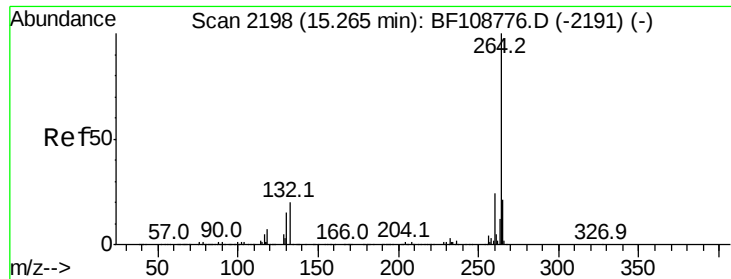


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3

