

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108553.D
 Acq On : 28 Aug 2018 14:18
 Operator : JU/SJ
 Sample : J4538-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VSS1RE

Quant Time: Aug 28 15:48:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

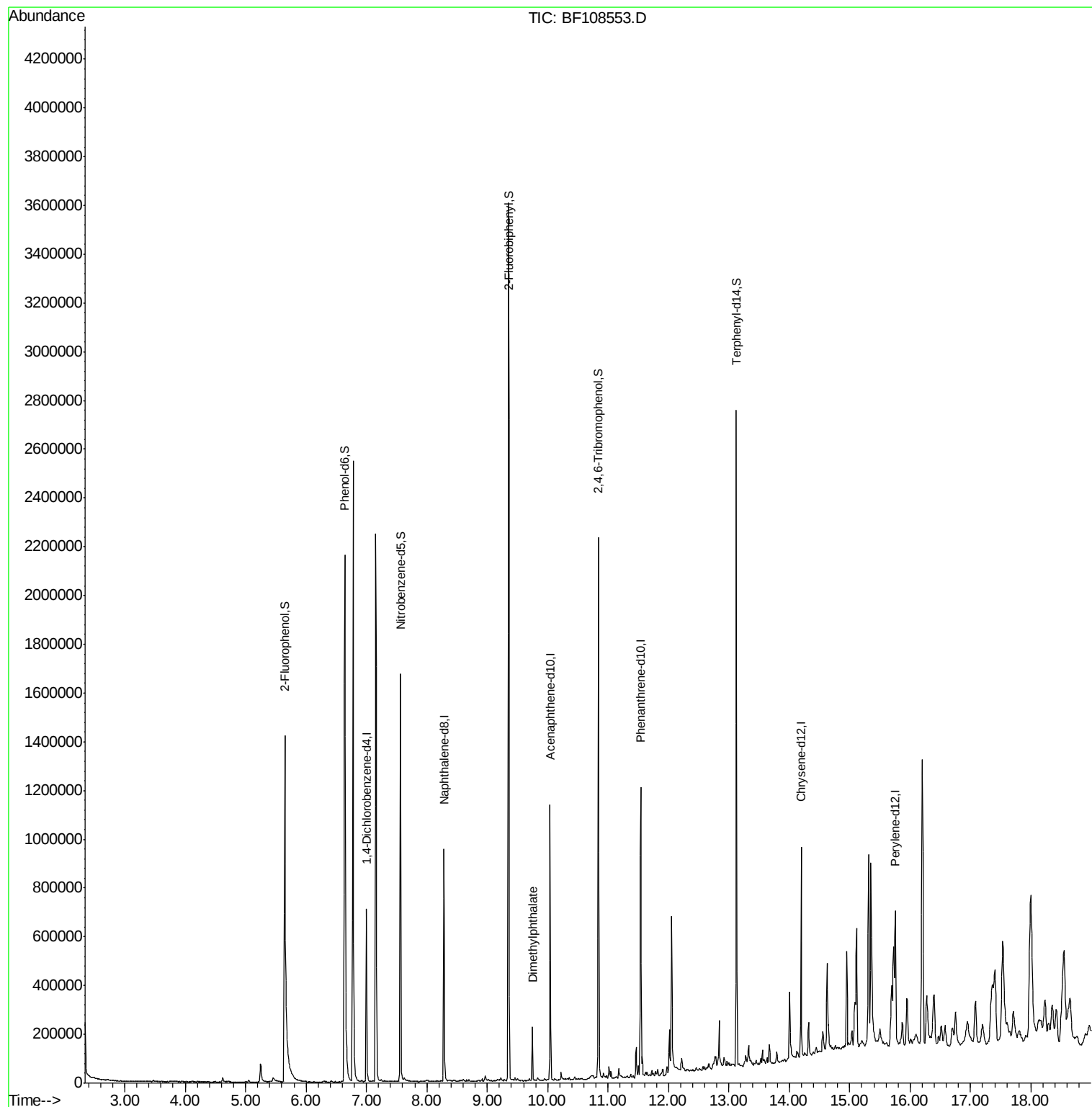
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	112897	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	429574	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	211036	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	390952	20.00	ng	0.00
75) Chrysene-d12	14.19	240	271904	20.00	ng	0.00
86) Perylene-d12	15.75	264	274842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	710014	113.86	ng	0.02
7) Phenol-d6	6.64	99	919500	110.96	ng	0.01
23) Nitrobenzene-d5	7.57	82	598172	77.70	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	253936	120.63	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1105461	84.10	ng	-0.01
78) Terphenyl-d14	13.12	244	941028	88.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	80534	5.478	ng	Qvalue 99

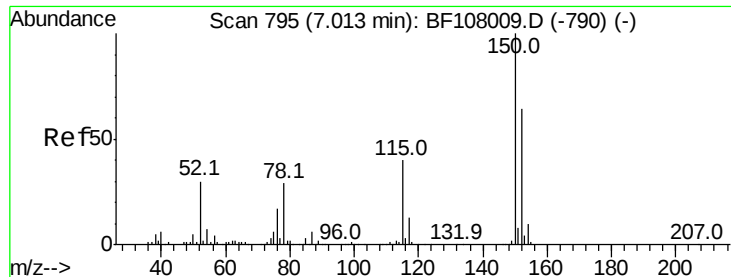
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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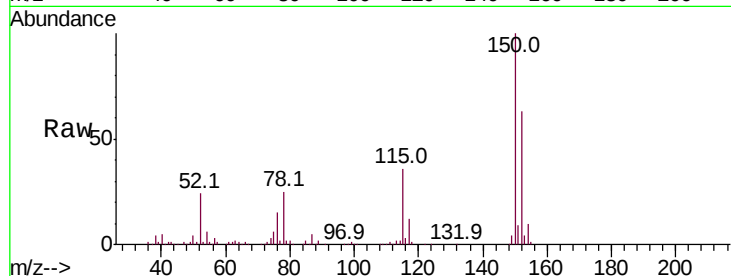


#1

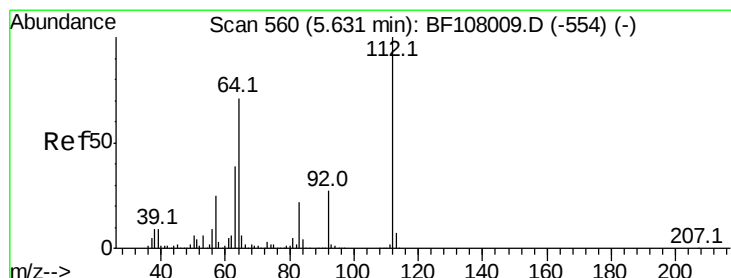
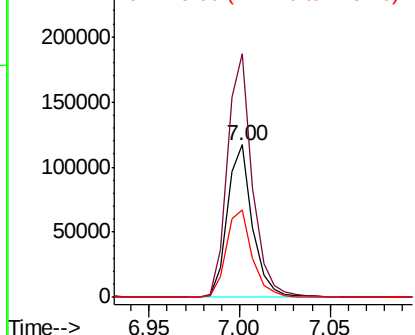
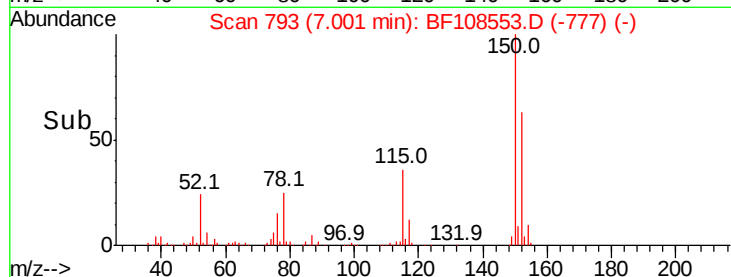
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108553.D
Acq: 28 Aug 2018 14:18

Instrument :
BNA_F
ClientSampleId :
VSS1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	57.6	50.1	75.1



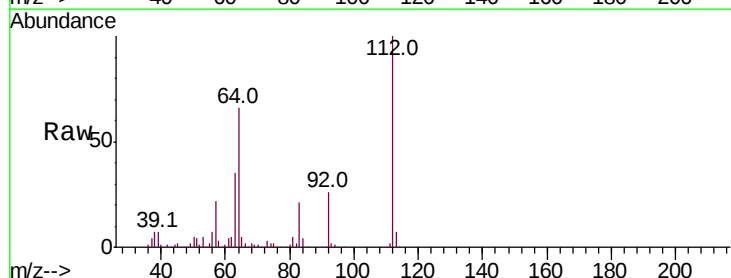
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



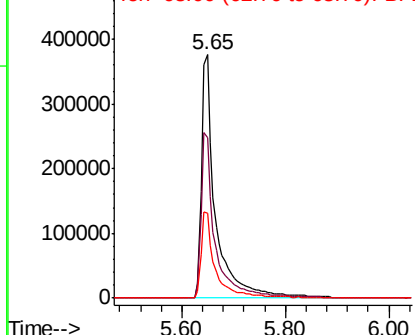
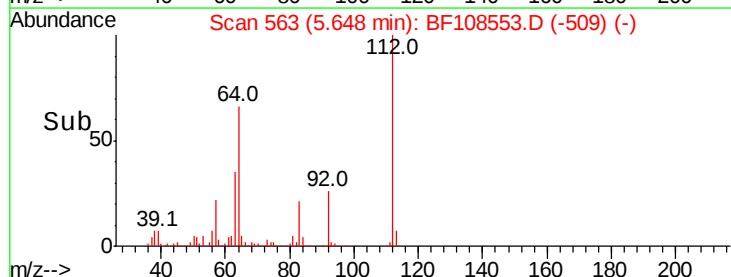
#5

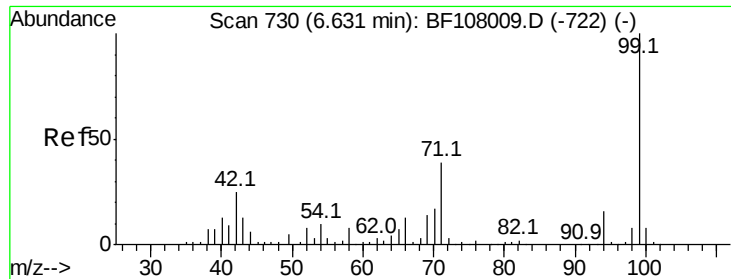
2-Fluorophenol
Concen: 113.860 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108553.D
Acq: 28 Aug 2018 14:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	35.1	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: 110.962 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108553.D

Acq: 28 Aug 2018 14:18

Instrument :

BNA_F

ClientSampleId :

VSS1RE

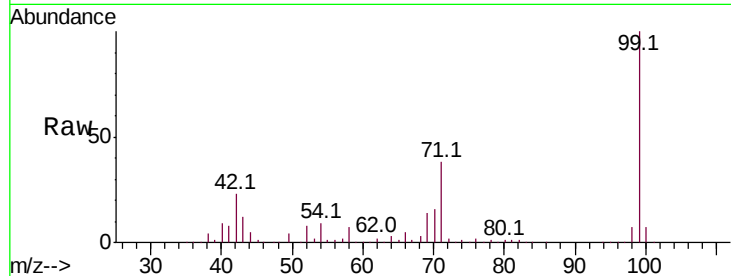
Tot Ion: 99 Resp: 919500

Ion Ratio Lower Upper

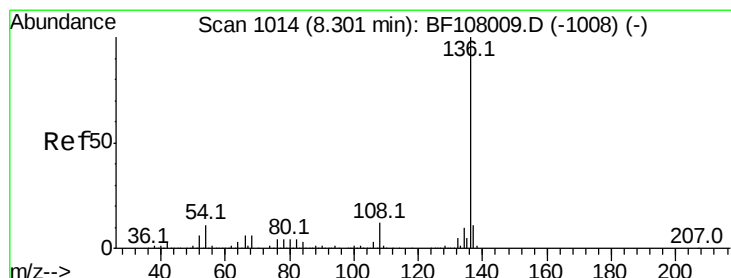
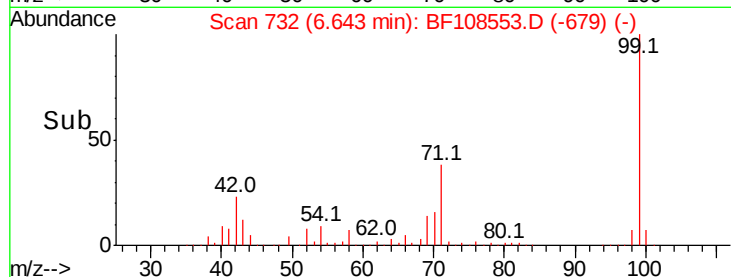
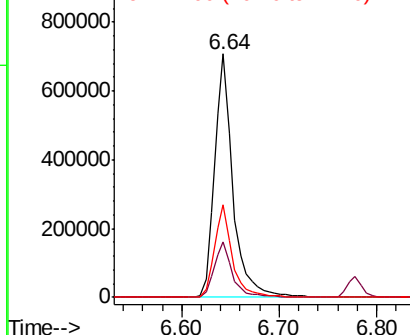
99 100

42 22.8 14.5 21.7#

71 37.8 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108553.D

Acq: 28 Aug 2018 14:18

Tgt Ion: 136 Resp: 429574

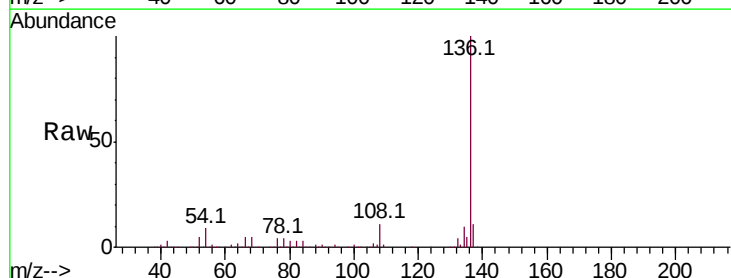
Ion Ratio Lower Upper

136 100

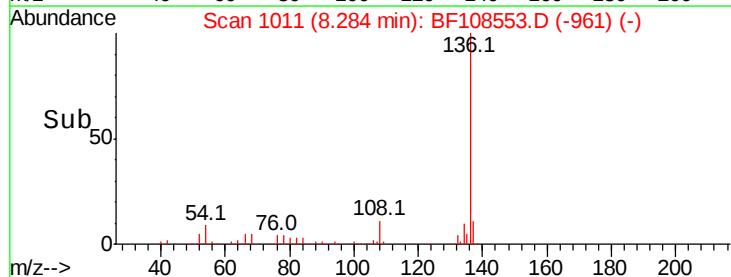
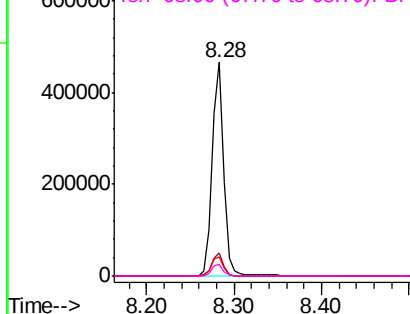
137 10.8 8.9 13.3

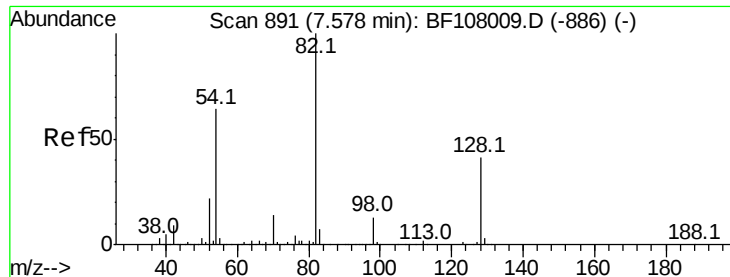
54 9.2 6.6 9.8

68 5.4 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

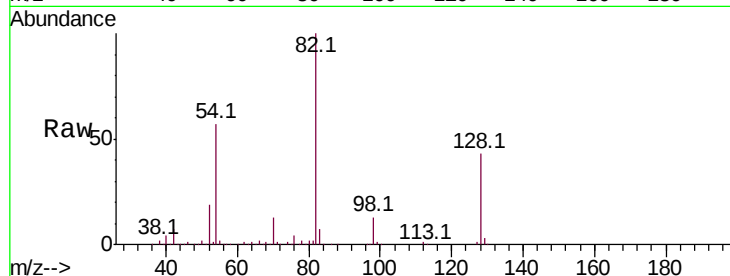




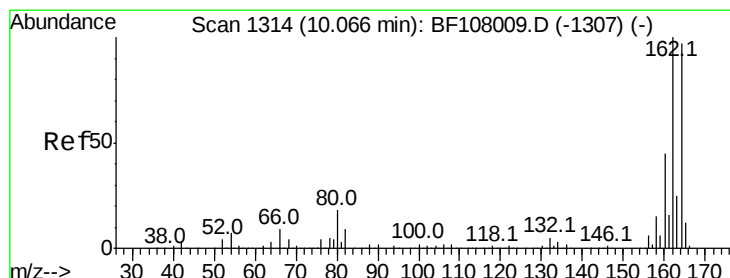
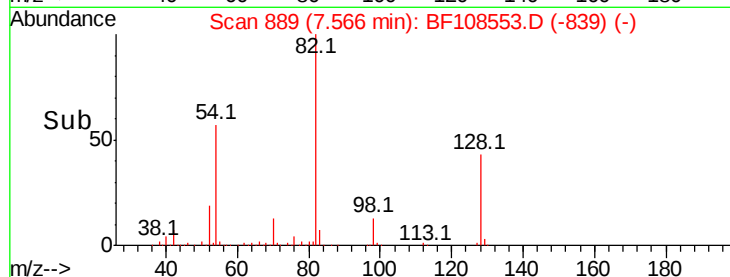
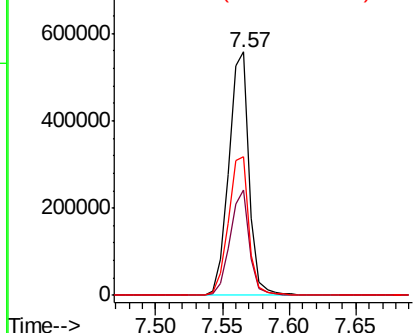
#23
 Nitrobenzene-d5
 Concen: 77.702 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108553.D
 Acq: 28 Aug 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 VSS1RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	56.9	41.4	62.2

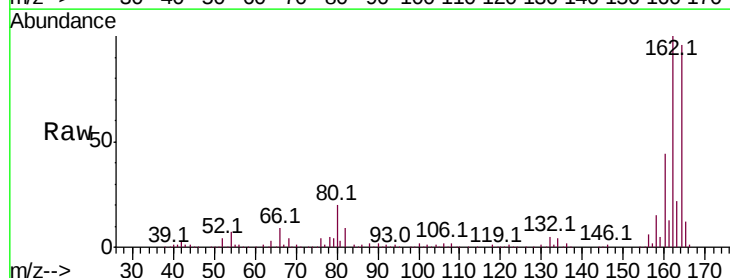


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

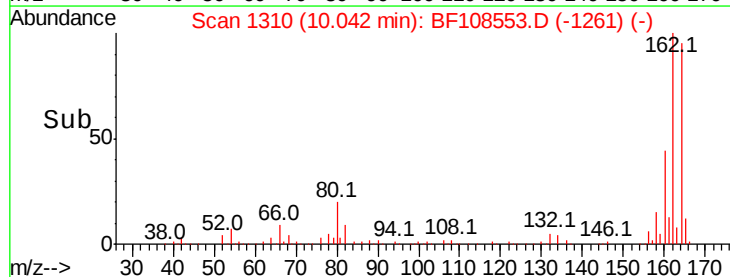
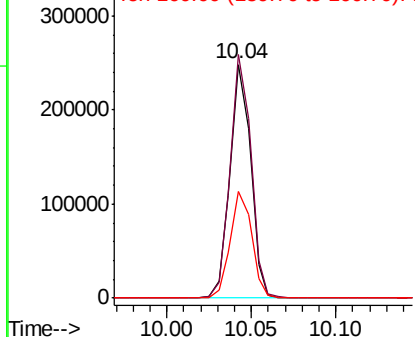


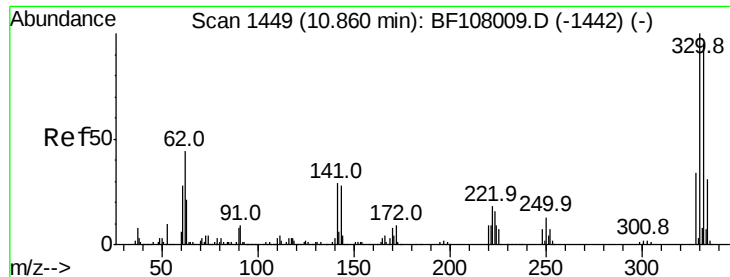
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108553.D
 Acq: 28 Aug 2018 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

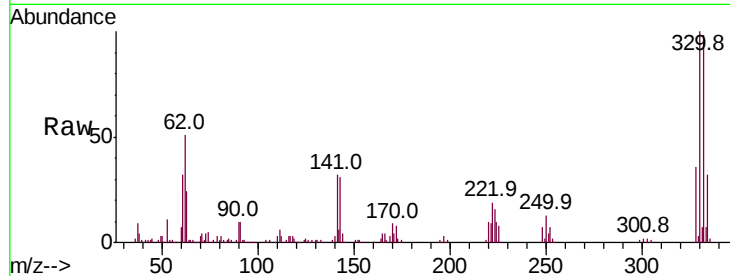




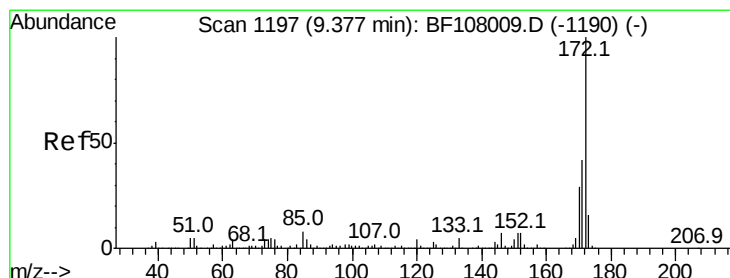
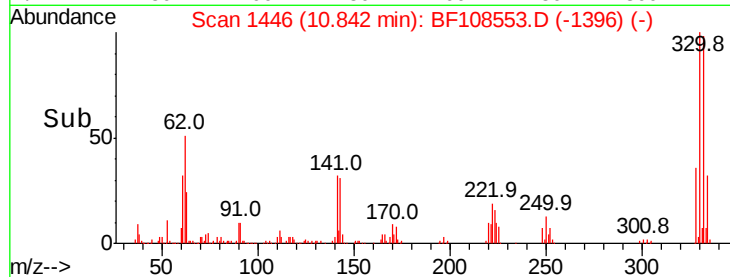
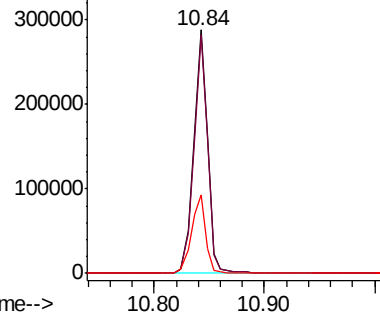
#41
 2,4,6-Tribromophenol
 Concen: 120.633 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108553.D
 Acq: 28 Aug 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 VSS1RE

Tot Ion:330 Resp: 253936
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 32.4 29.9 44.9

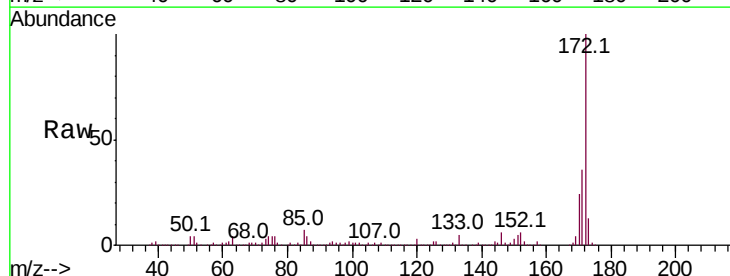


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

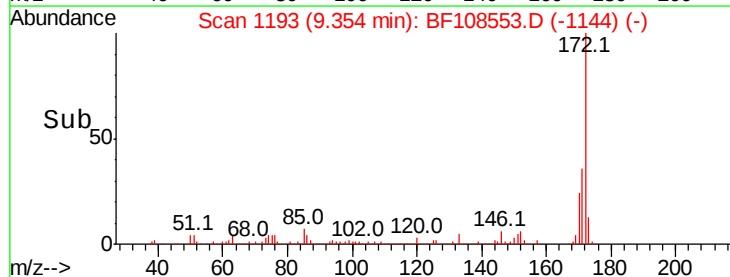
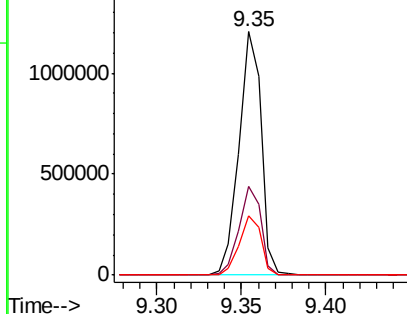


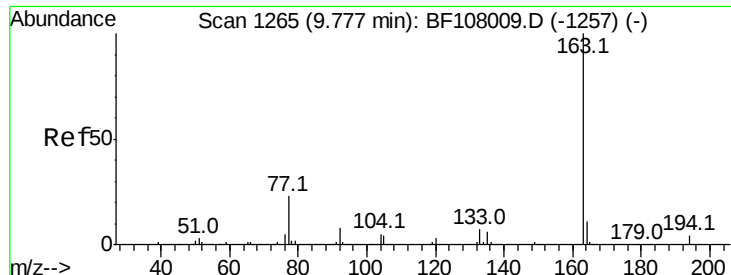
#44
 2-Fluorobiphenyl
 Concen: 84.099 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108553.D
 Acq: 28 Aug 2018 14:18

Tgt Ion:172 Resp: 1105461
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 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

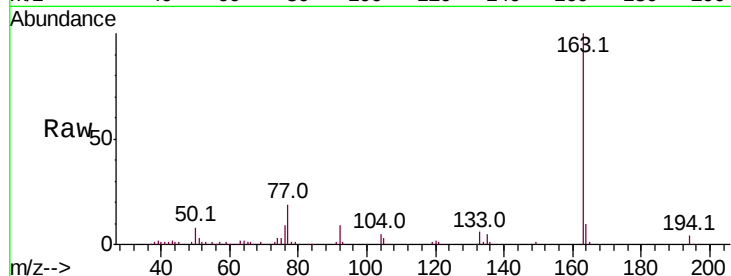




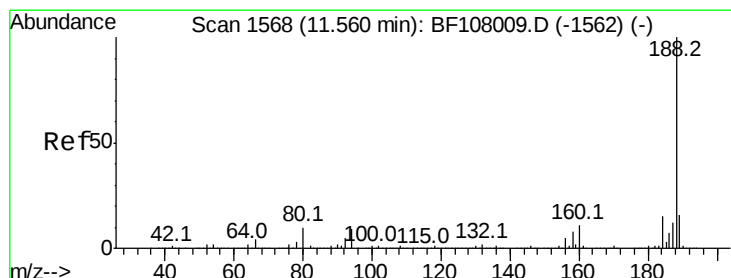
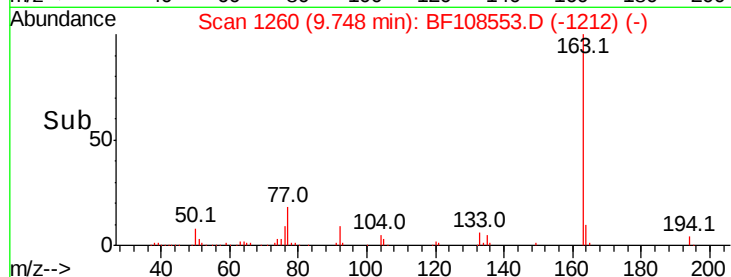
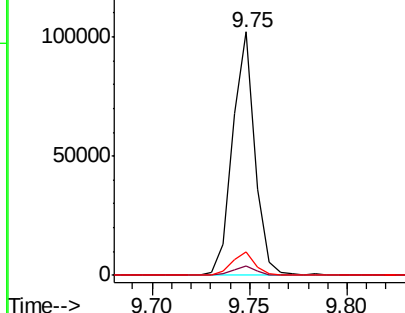
#49
Dimethylphthalate
Concen: 5.478 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108553.D
Acq: 28 Aug 2018 14:18

Instrument :
BNA_F
ClientSampleId :
VSS1RE

Tot Ion:163 Resp: 80534
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2

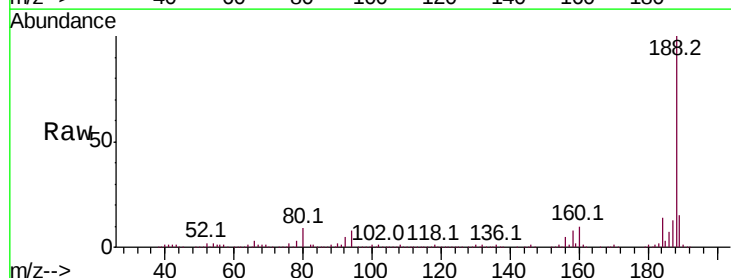


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

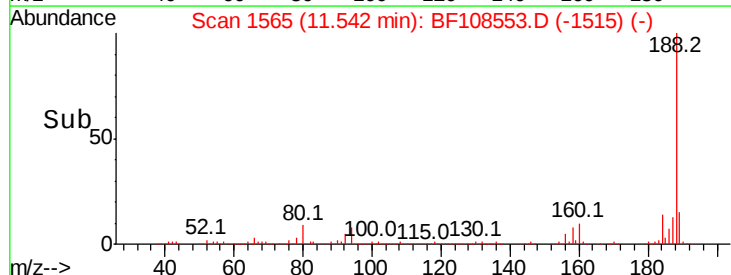
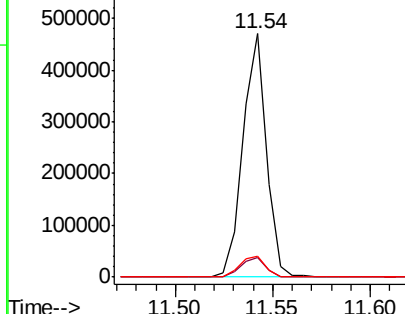


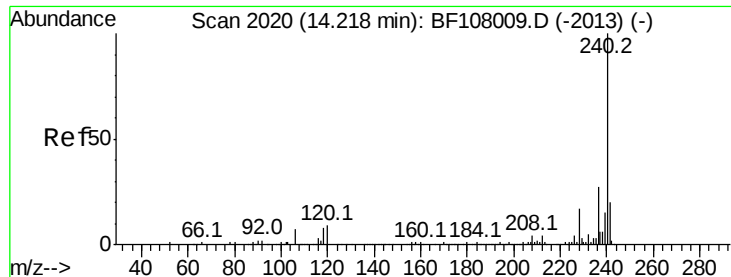
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108553.D
Acq: 28 Aug 2018 14:18

Tgt Ion:188 Resp: 390952
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.7 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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108553.D

Acq: 28 Aug 2018 14:18

Instrument :

BNA_F

ClientSampleId :

VSS1RE

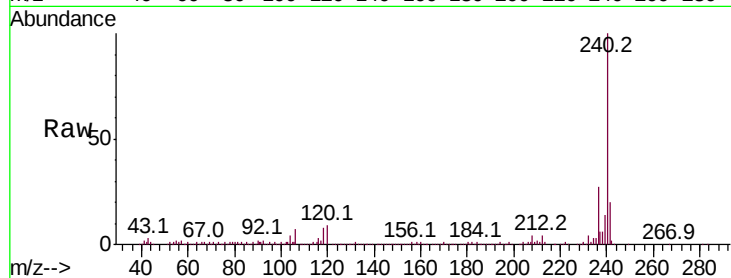
Tot Ion:240 Resp: 271904

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

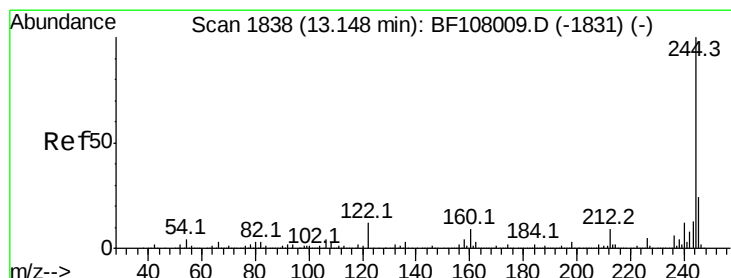
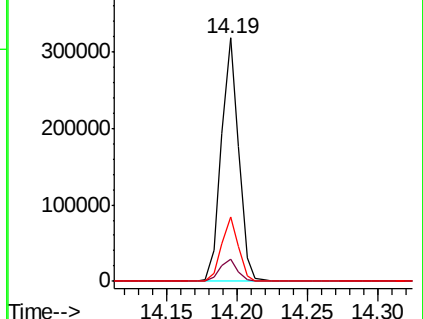
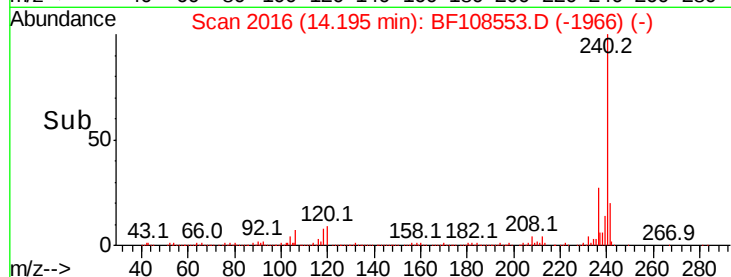
236 26.7 20.7 31.1



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: 87.995 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108553.D

Acq: 28 Aug 2018 14:18

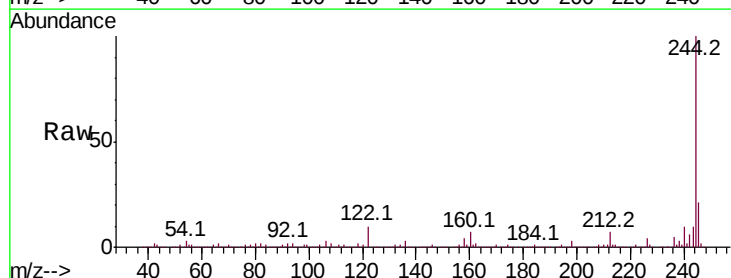
Tgt Ion:244 Resp: 941028

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

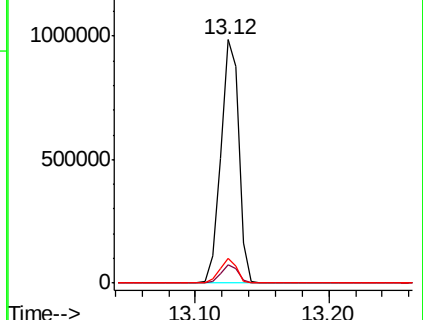
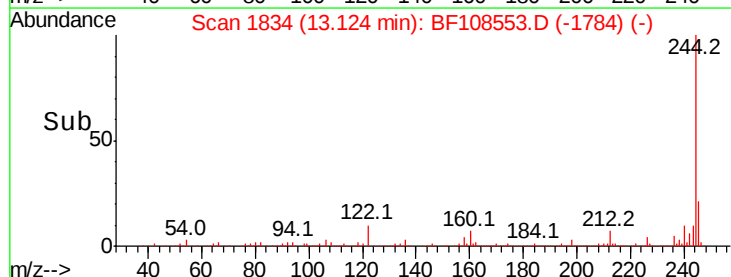
122 10.1 11.0 16.4#

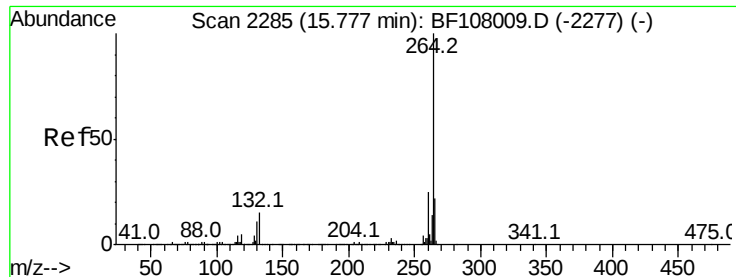


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108553.D
 Acq: 28 Aug 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 VSS1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

