

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102152.D
 Acq On : 17 Jan 2018 16:18
 Operator : SJ/JU
 Sample : J1021-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-011618

Quant Time: Jan 18 01:43:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

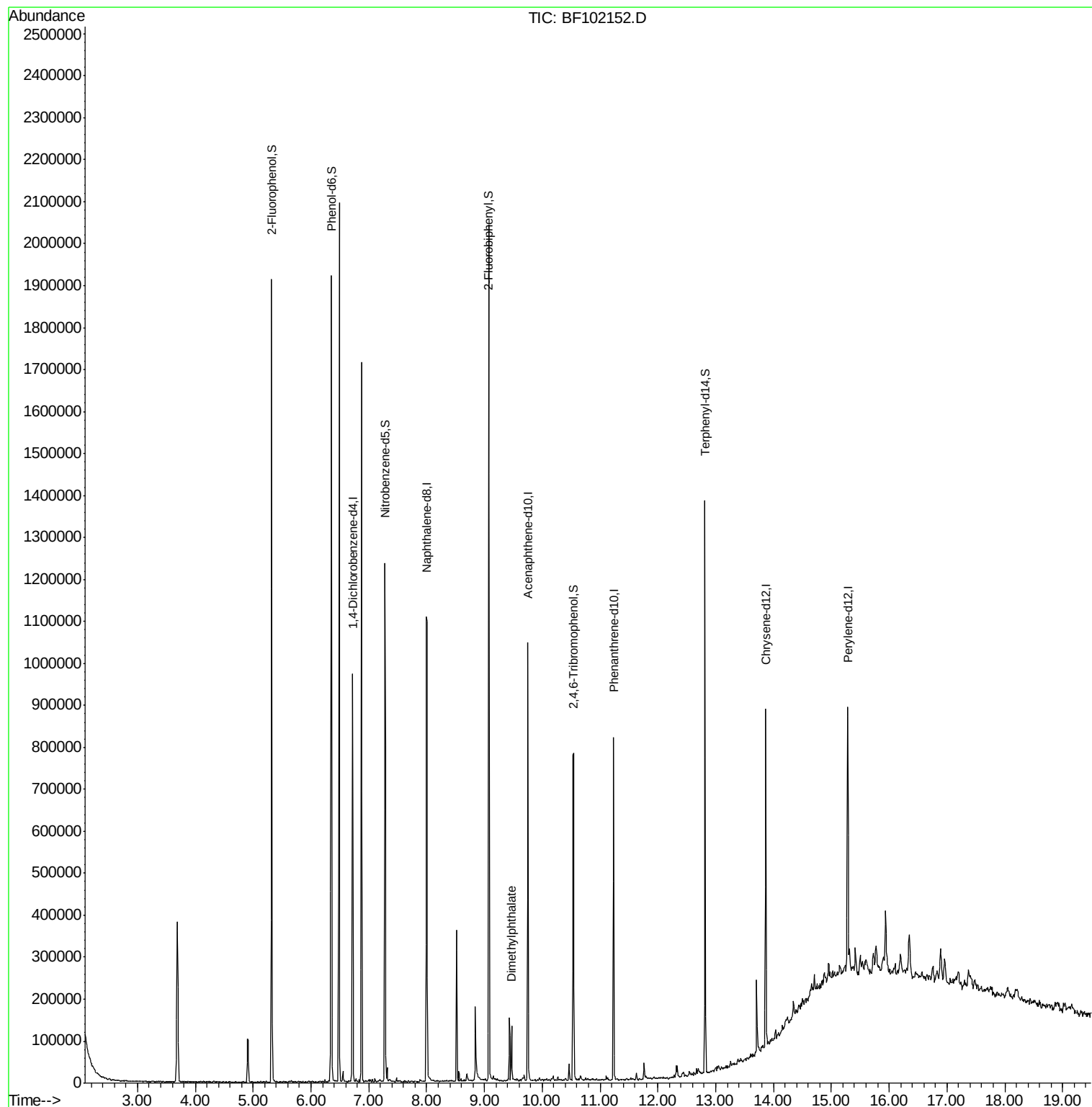
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141999	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	508356	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	185421	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	262910	20.00	ng	0.00
75) Chrysene-d12	13.86	240	266030	20.00	ng	-0.01
86) Perylene-d12	15.29	264	281306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	506251	50.34	ng	0.00
7) Phenol-d6	6.35	99	561836	46.83	ng	0.00
23) Nitrobenzene-d5	7.28	82	351122	40.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	89006	55.00	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	578300	48.72	ng	-0.01
78) Terphenyl-d14	12.82	244	405576	31.65	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	51300	3.449	ng	97

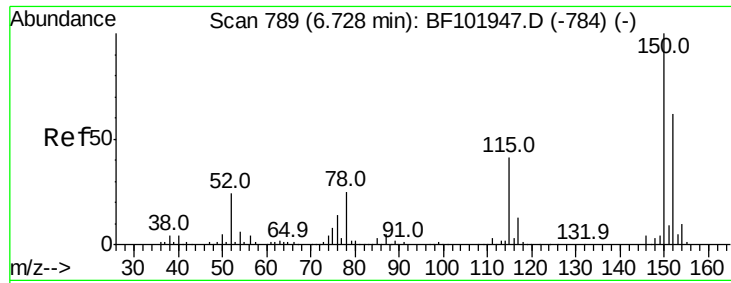
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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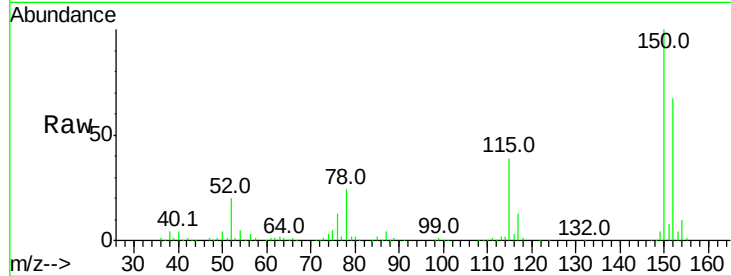


#1

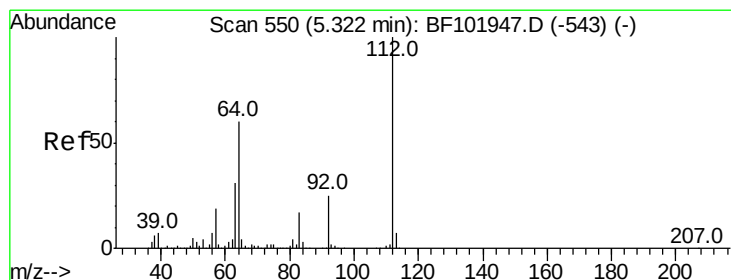
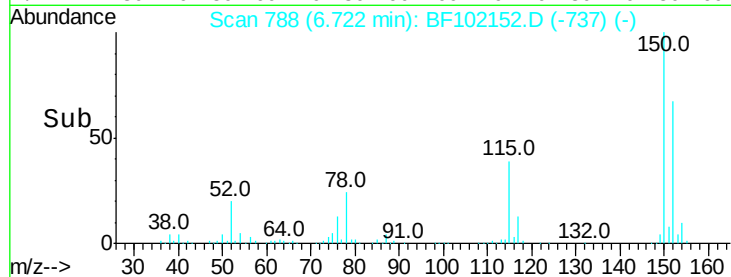
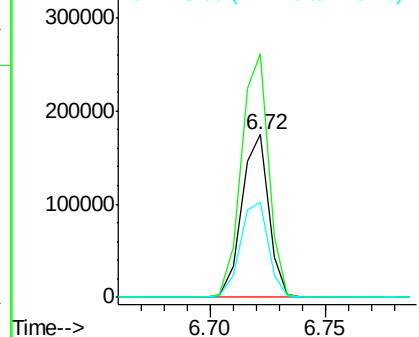
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Instrument :
BNA_F
ClientSampleId :
SA-01-011618

Tot Ion:152 Resp: 141999
Ion Ratio Lower Upper
152 100
150 149.7 124.6 186.8
115 58.1 50.1 75.1



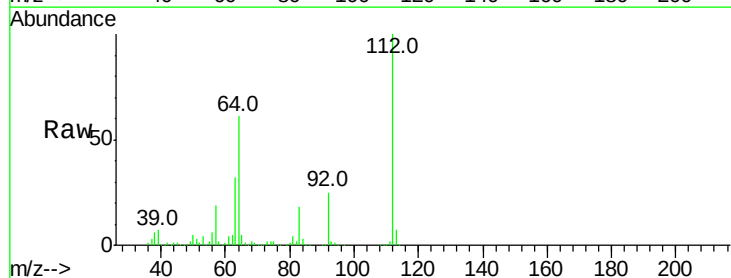
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



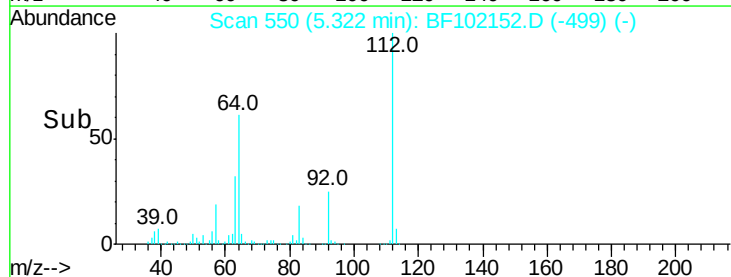
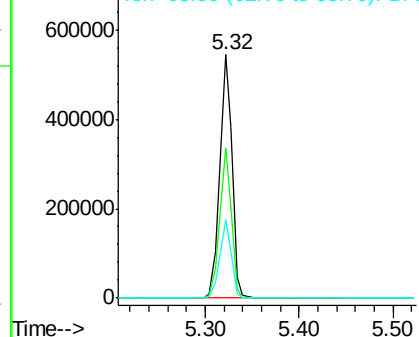
#5

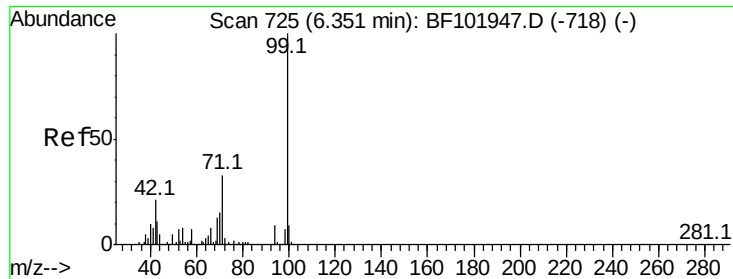
2-Fluorophenol
Concen: 50.343 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Tgt Ion:112 Resp: 506251
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 32.0 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: 46.828 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

Instrument :

BNA_F

ClientSampleId :

SA-01-011618

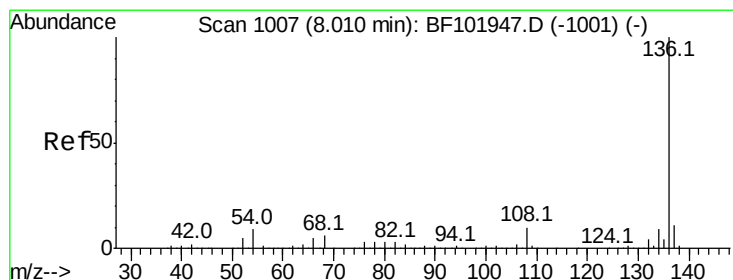
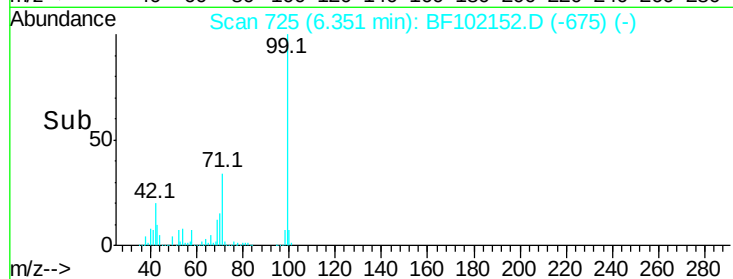
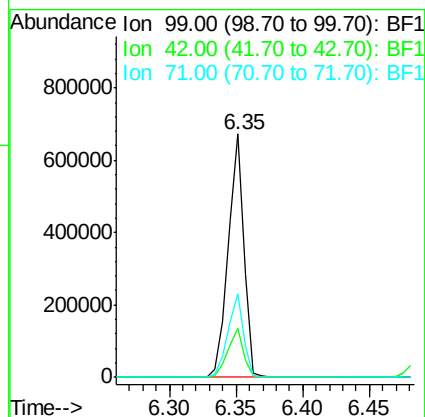
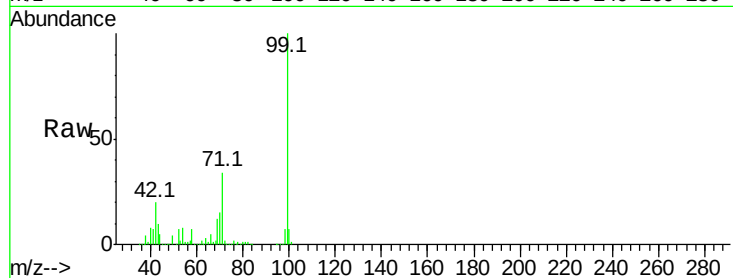
Tot Ion: 99 Resp: 561836

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

Tgt Ion: 136 Resp: 508356

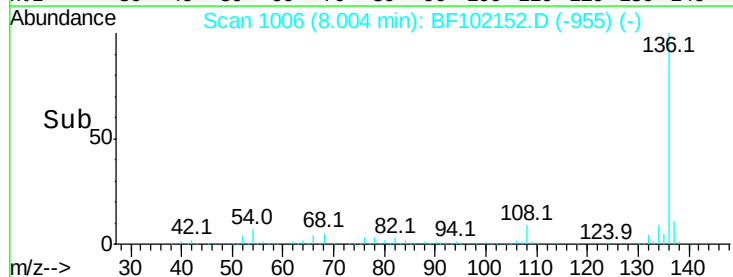
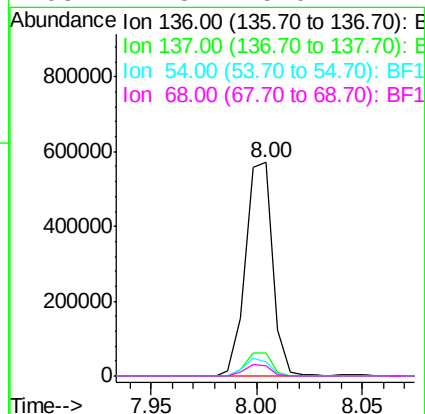
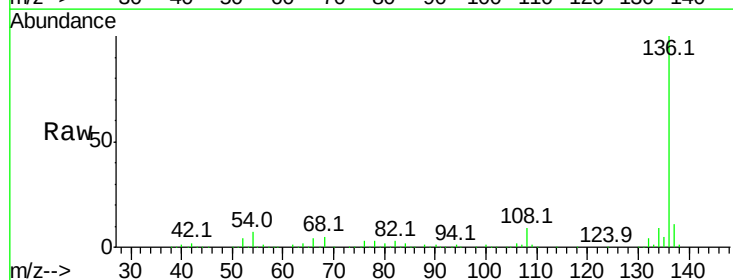
Ion Ratio Lower Upper

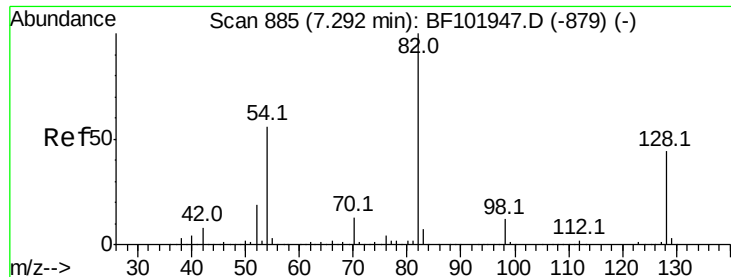
136 100

137 10.6 8.9 13.3

54 6.8 6.6 9.8

68 4.8 5.0 7.4#

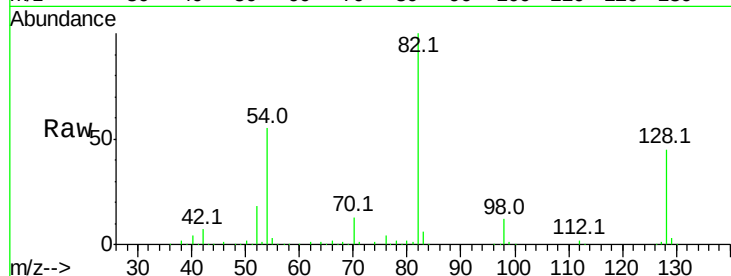




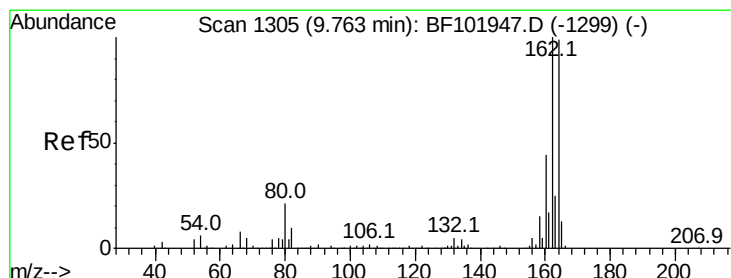
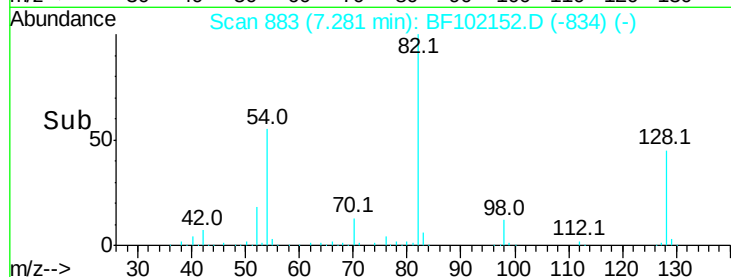
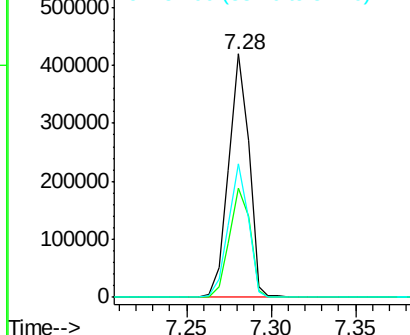
#23
 Nitrobenzene-d5
 Concen: 40.588 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102152.D
 Acq: 17 Jan 2018 16:18

Instrument :
 BNA_F
 ClientSampled :
 SA-01-011618

Tot Ion: 82 Resp: 351122
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 54.6 41.4 62.2

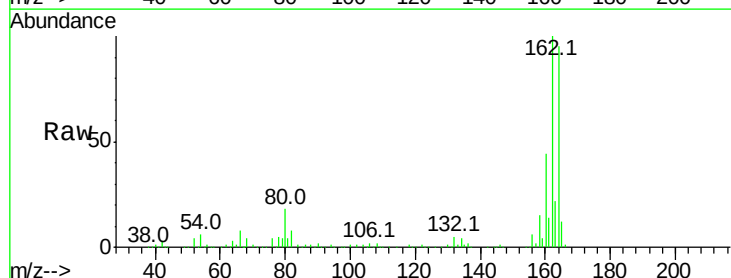


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

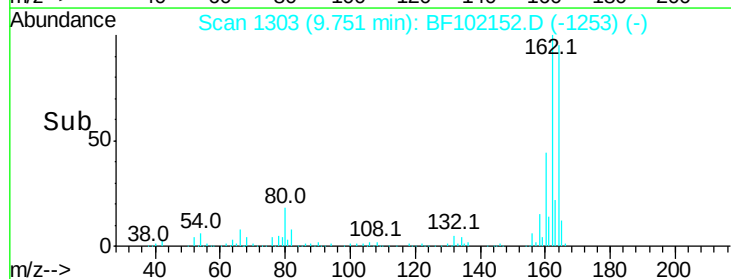
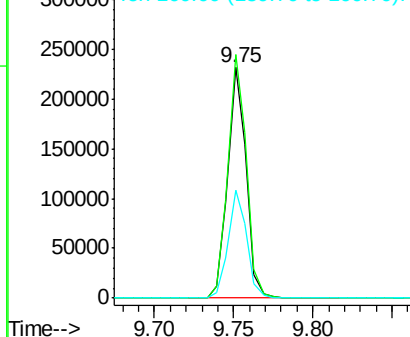


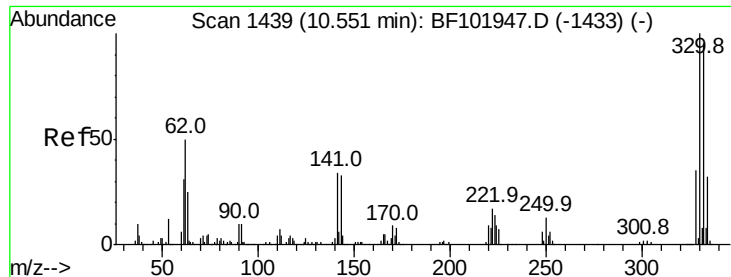
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102152.D
 Acq: 17 Jan 2018 16:18

Tgt Ion: 164 Resp: 185421
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 47.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

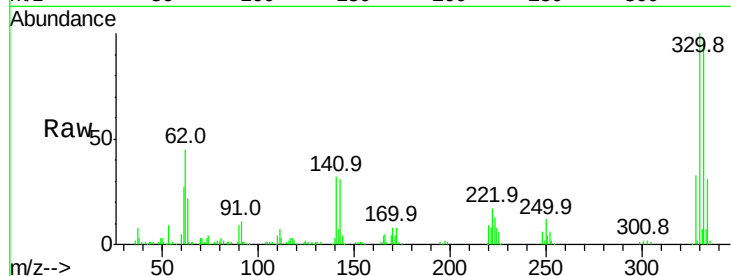




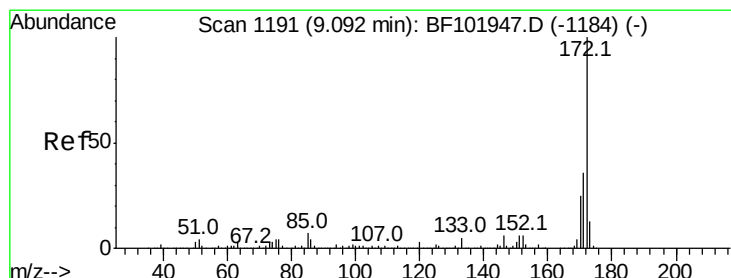
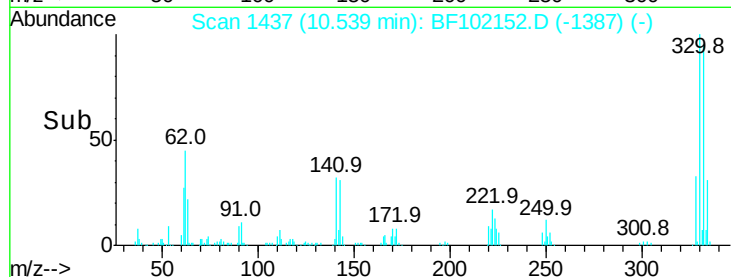
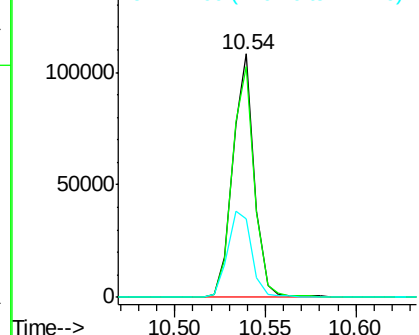
#41
 2,4,6-Tribromophenol
 Concen: 55.005 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102152.D
 Acq: 17 Jan 2018 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-011618

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	40.2	29.9	44.9

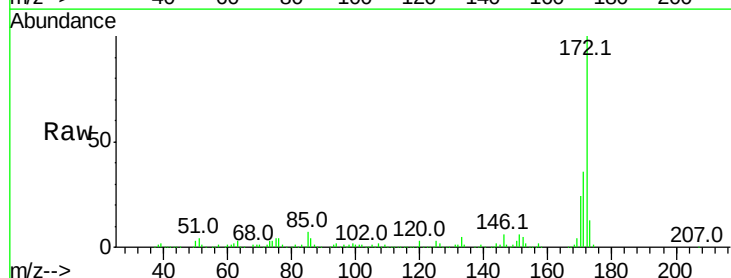


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

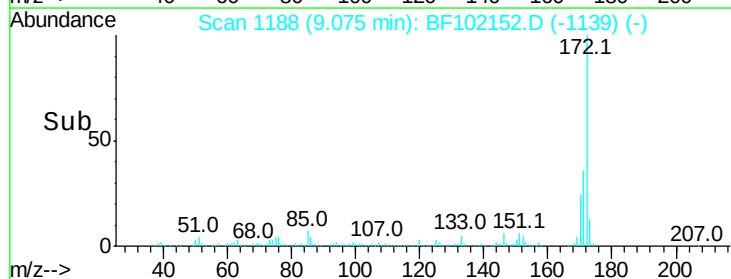
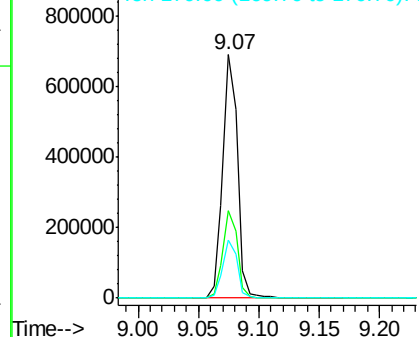


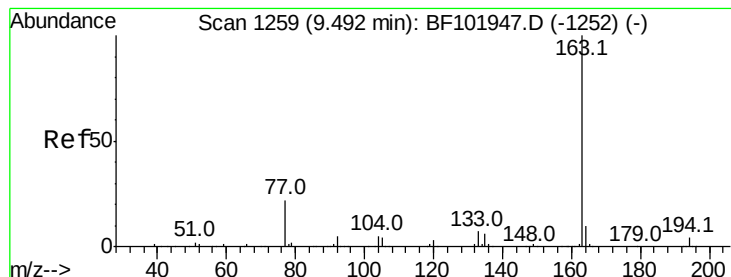
#44
 2-Fluorobiphenyl
 Concen: 48.725 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102152.D
 Acq: 17 Jan 2018 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	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: 3.449 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

Instrument :

BNA_F

ClientSampleId :

SA-01-011618

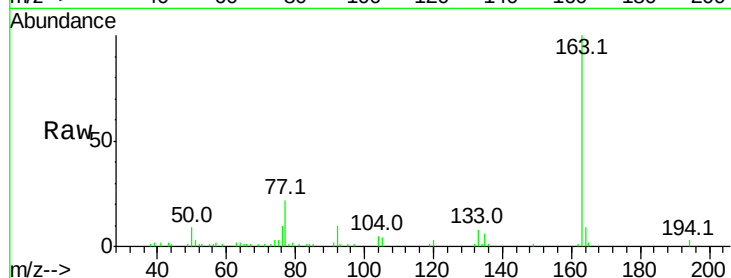
Tot Ion:163 Resp: 51300

Ion Ratio Lower Upper

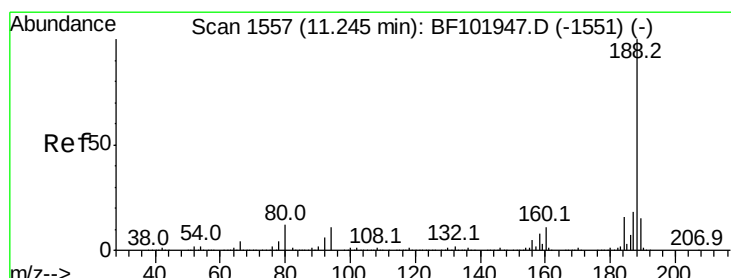
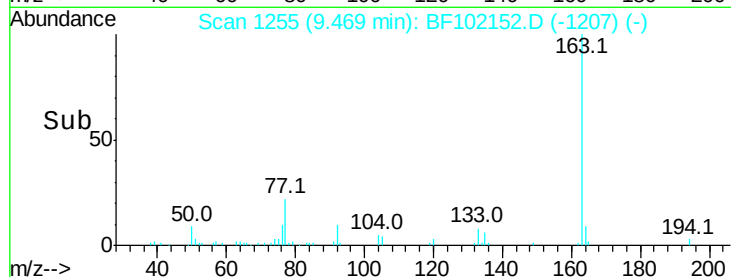
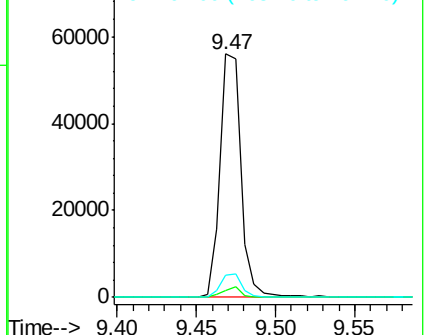
163 100

194 2.7 2.7 4.1

164 9.2 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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

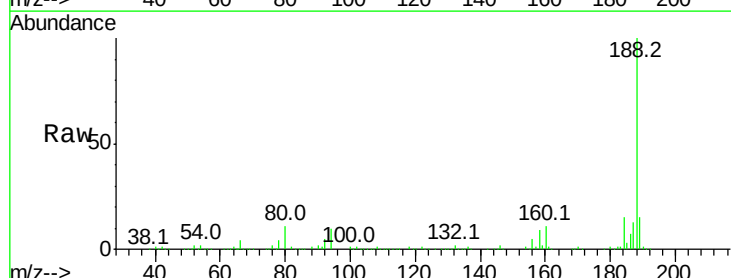
Tgt Ion:188 Resp: 262910

Ion Ratio Lower Upper

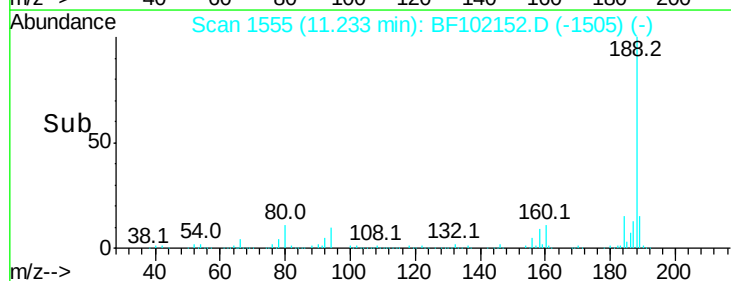
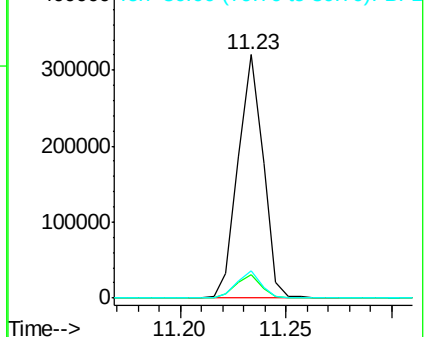
188 100

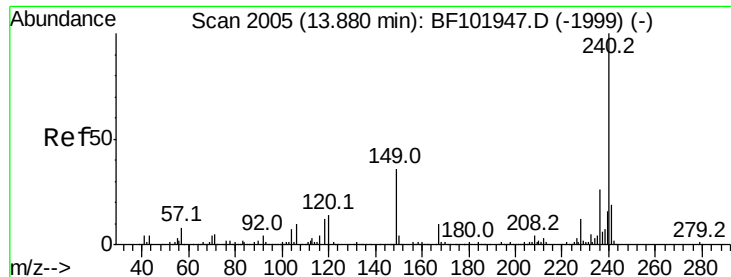
94 9.6 8.5 12.7

80 11.3 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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

Instrument :

BNA_F

ClientSampleId :

SA-01-011618

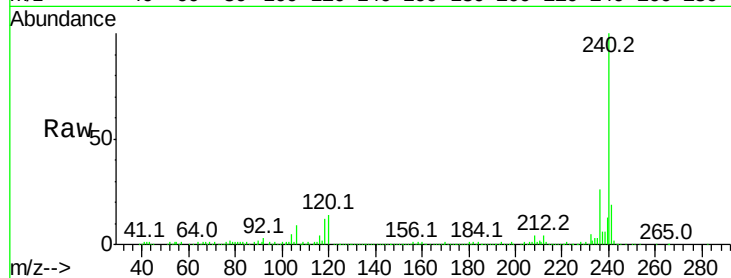
Tot Ion:240 Resp: 266030

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

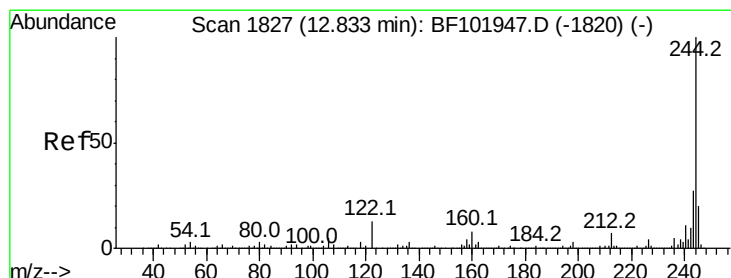
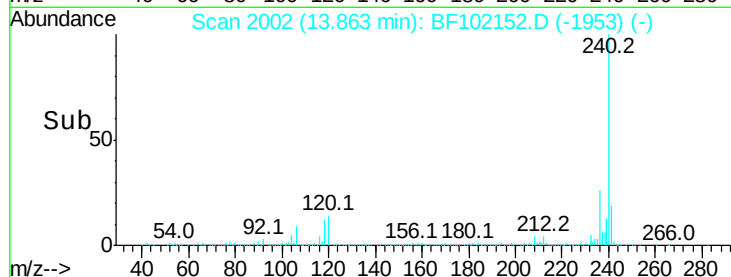
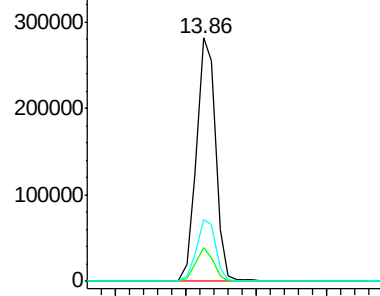
236 25.7 20.7 31.1



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: 31.654 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

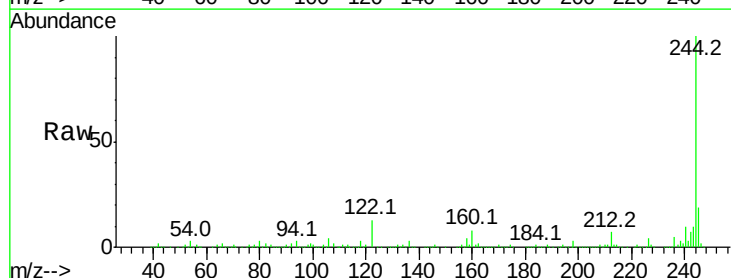
Tgt Ion:244 Resp: 405576

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

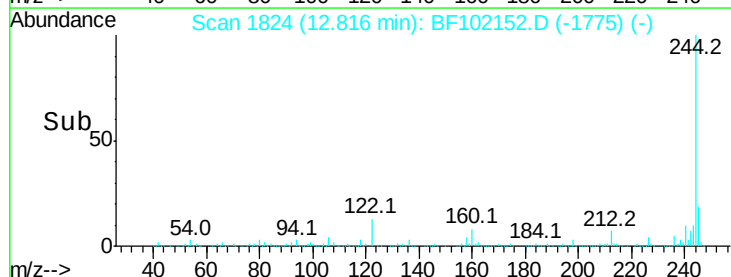
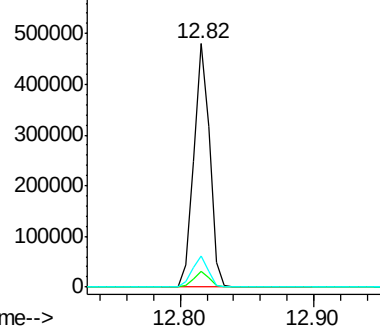
122 12.9 11.0 16.4

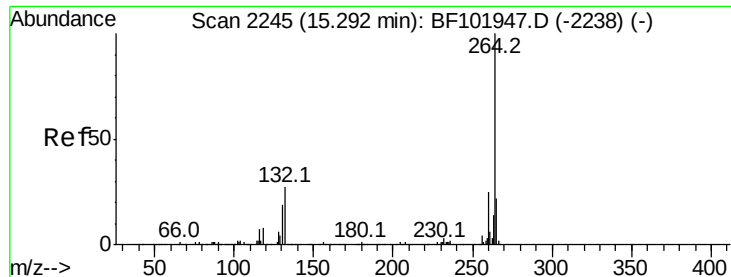


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Instrument :
BNA_F
ClientSampleId :
SA-01-011618

Tot Ion:	264	Resp:	281306
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.1	17.5	26.3

