

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102206.D
 Acq On : 18 Jan 2018 21:54
 Operator : SJ/JU
 Sample : J1177-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BFW

Quant Time: Jan 19 02:28:59 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

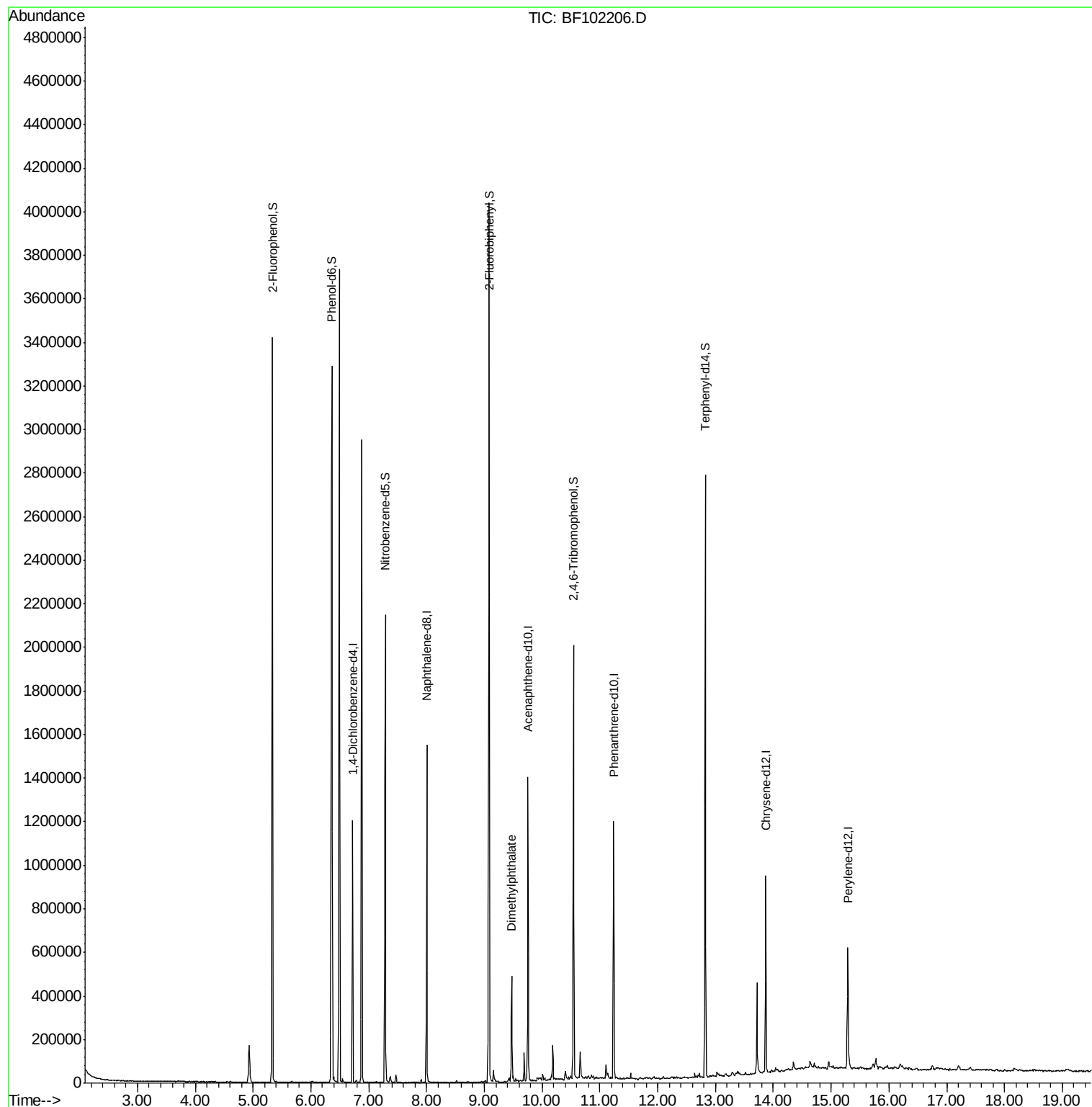
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156266	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	624537	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	258467	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	376054	20.00	ng	0.00
75) Chrysene-d12	13.87	240	290304	20.00	ng	0.00
86) Perylene-d12	15.29	264	246427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1037324	93.74	ng	0.01
7) Phenol-d6	6.36	99	1243075	94.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	780957	73.48	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	216802	96.12	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1352632	81.76	ng	0.00
78) Terphenyl-d14	12.83	244	938973	67.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	166020	8.007	ng	99

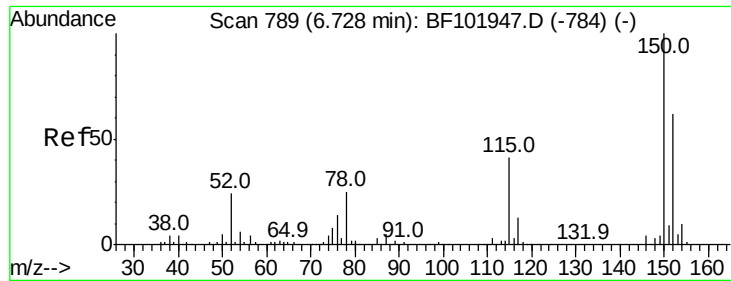
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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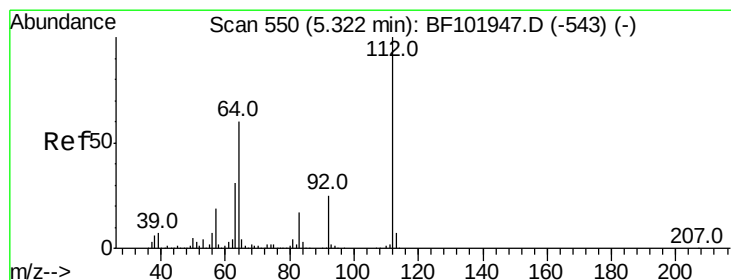
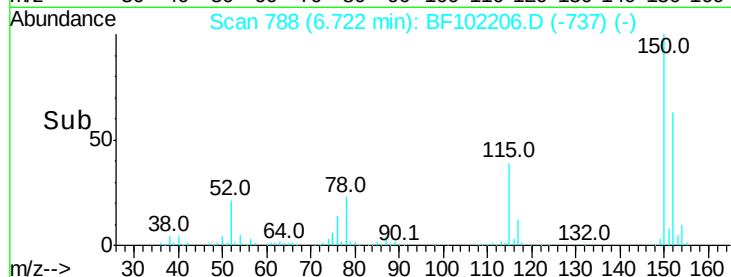
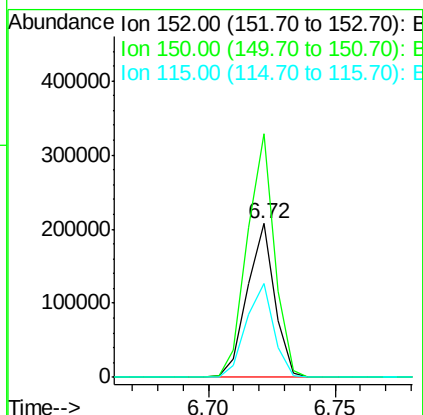
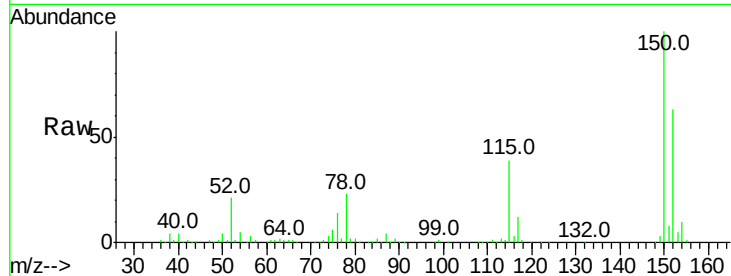


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102206.D
Acq: 18 Jan 2018 21:54

Instrument :
BNA_F
ClientSampled :
BFW

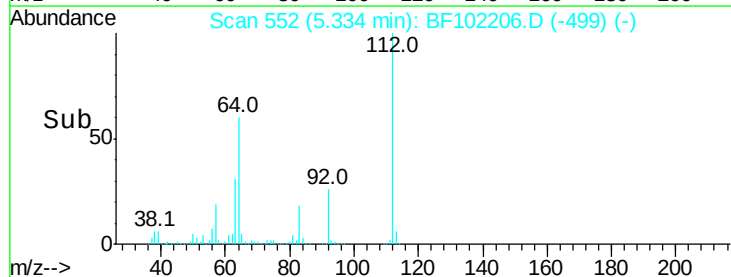
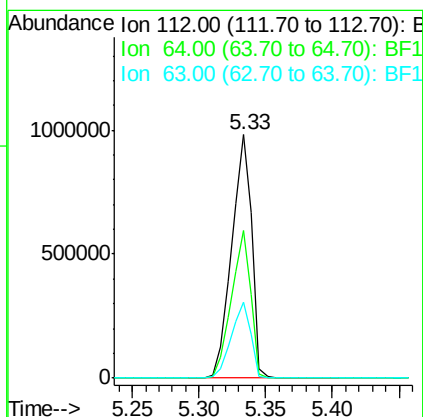
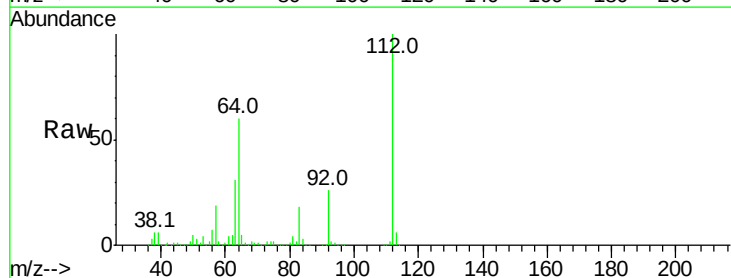
Tot Ion:152 Resp: 156266
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.0 50.1 75.1

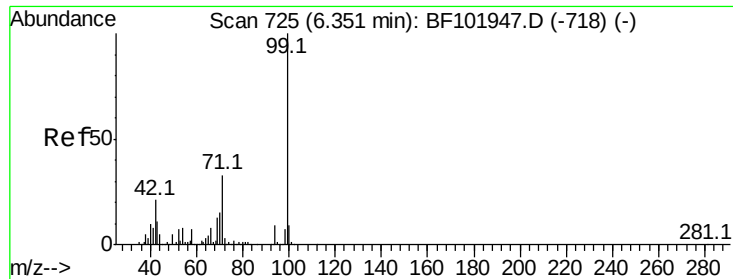


#5

2-Fluorophenol
Concen: 93.737 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102206.D
Acq: 18 Jan 2018 21:54

Tgt Ion:112 Resp: 1037324
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 94.149 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102206.D

Acq: 18 Jan 2018 21:54

Instrument :

BNA_F

ClientSampled :

BFW

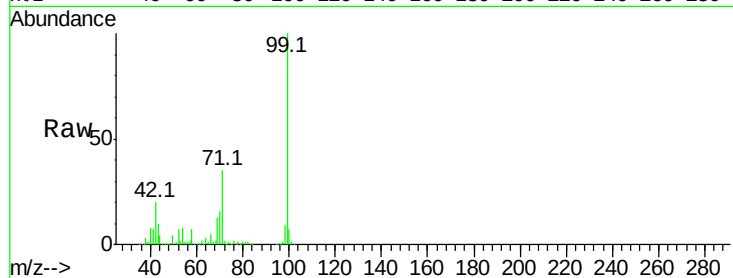
Tot Ion: 99 Resp: 1243075

Ion Ratio Lower Upper

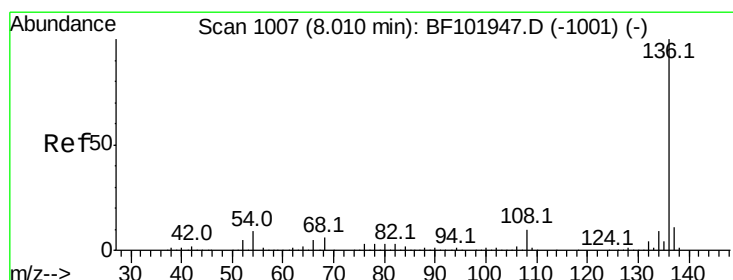
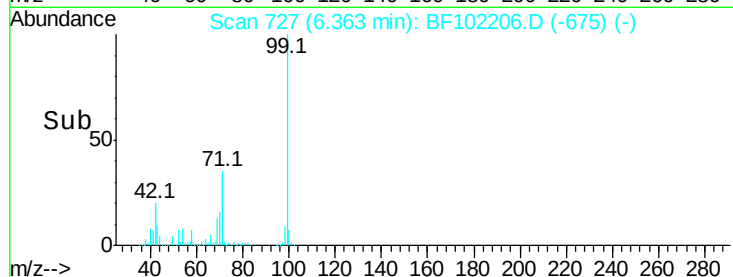
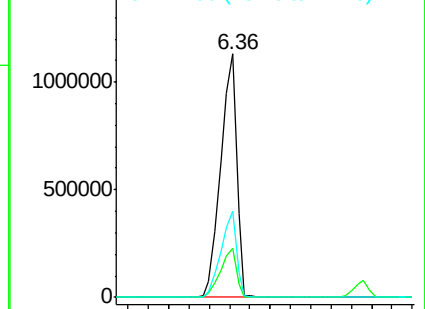
99 100

42 20.0 14.5 21.7

71 35.2 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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102206.D

Acq: 18 Jan 2018 21:54

Tgt Ion: 136 Resp: 624537

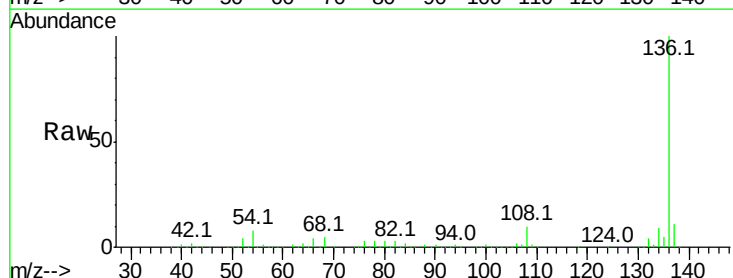
Ion Ratio Lower Upper

136 100

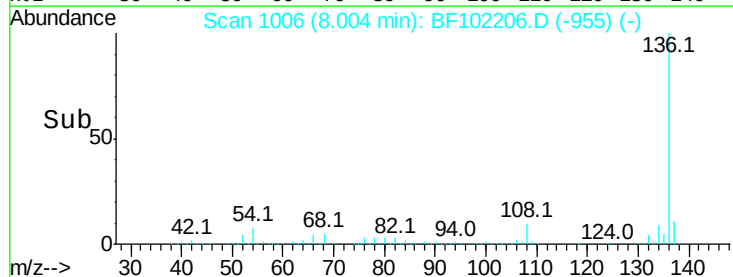
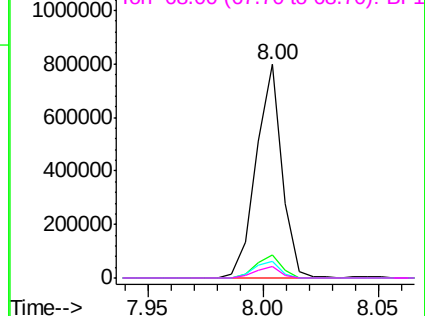
137 10.8 8.9 13.3

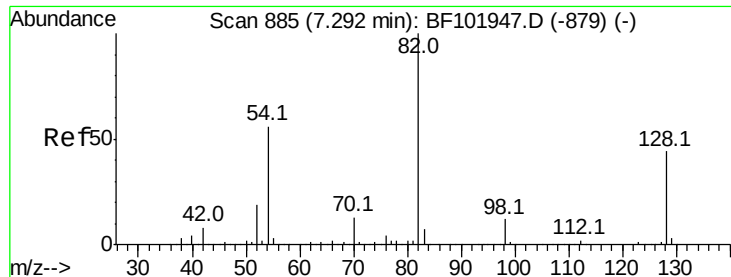
54 7.6 6.6 9.8

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

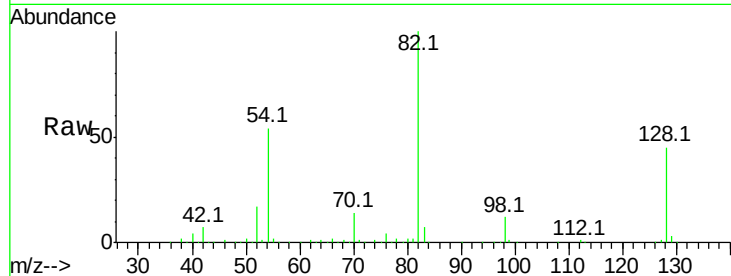




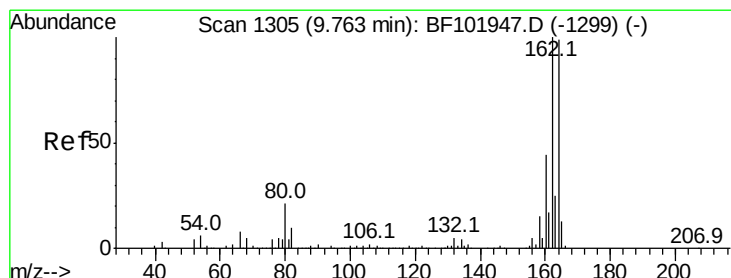
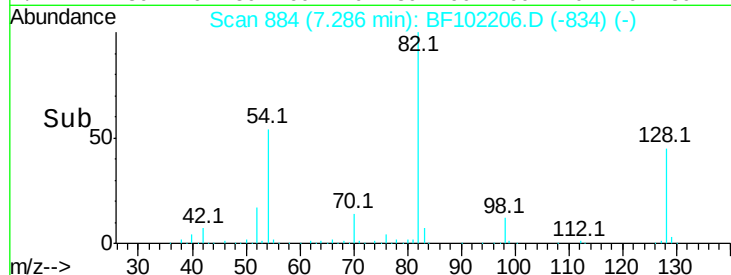
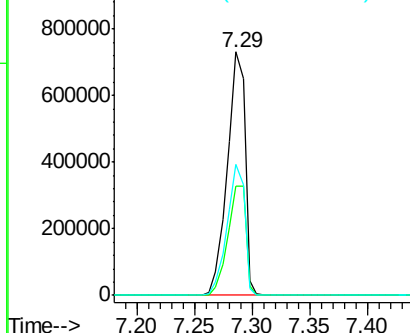
#23
 Nitrobenzene-d5
 Concen: 73.482 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102206.D
 Acq: 18 Jan 2018 21:54

Instrument :
 BNA_F
 ClientSampled :
 BFW

Tot Ion	82	Resp	780957
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	53.9	41.4	62.2

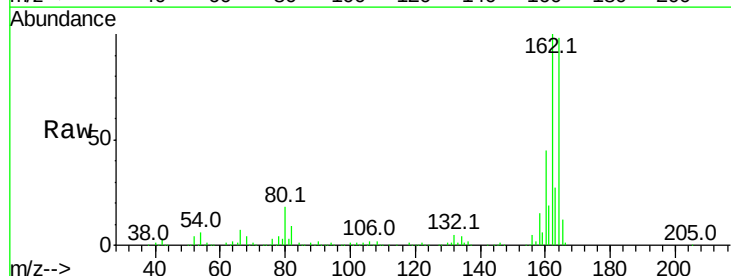


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

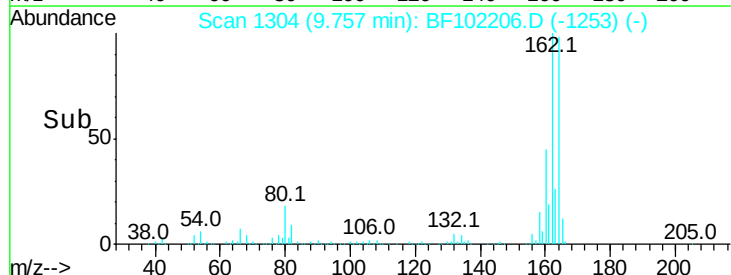
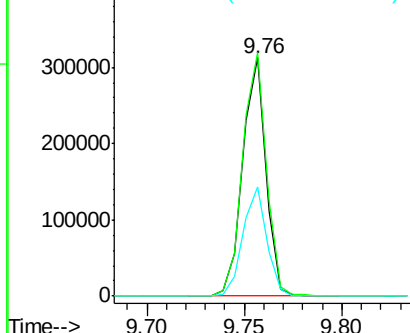


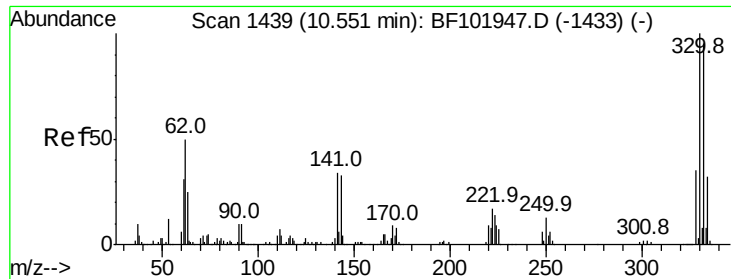
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102206.D
 Acq: 18 Jan 2018 21:54

Tgt Ion	164	Resp	258467
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	102.2	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

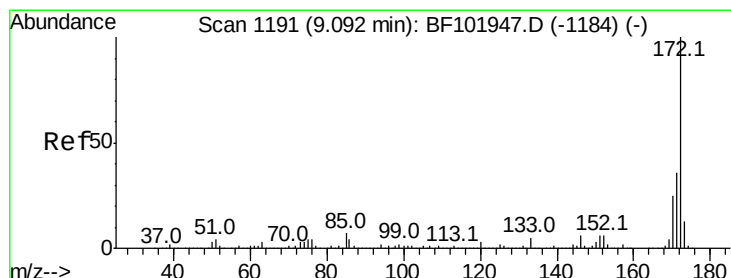
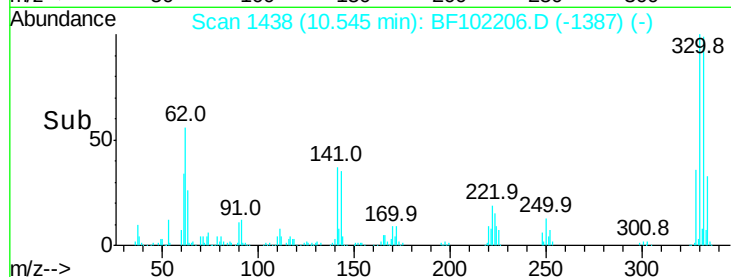
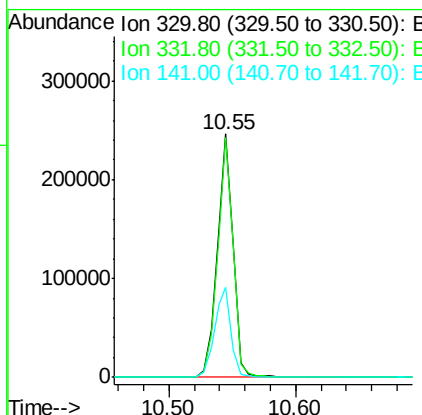
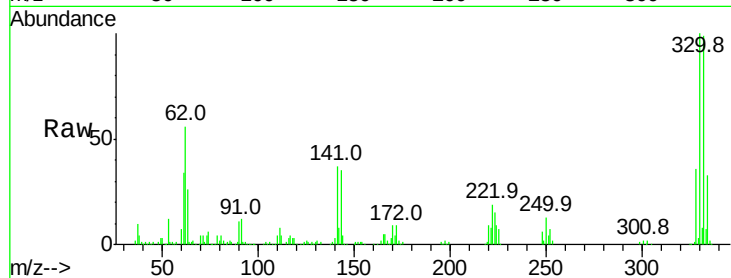




#41
 2,4,6-Tribromophenol
 Concen: 96.117 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102206.D
 Acq: 18 Jan 2018 21:54

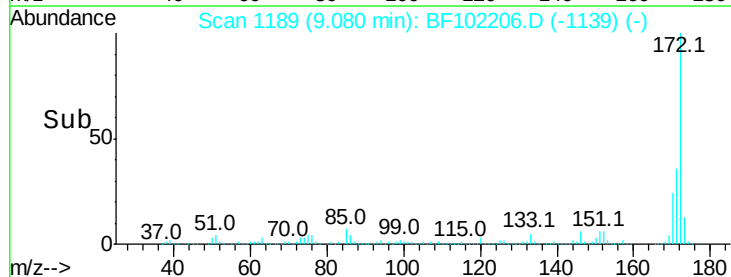
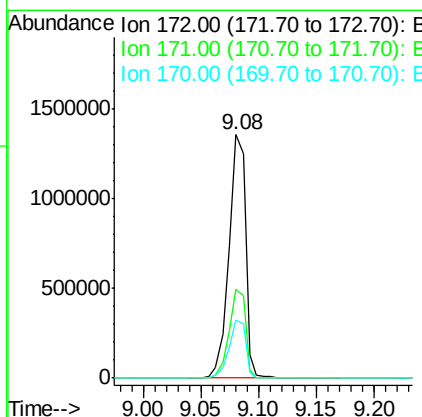
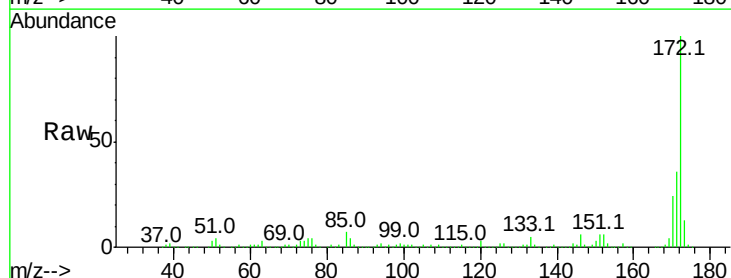
Instrument :
 BNA_F
 ClientSampled :
 BFW

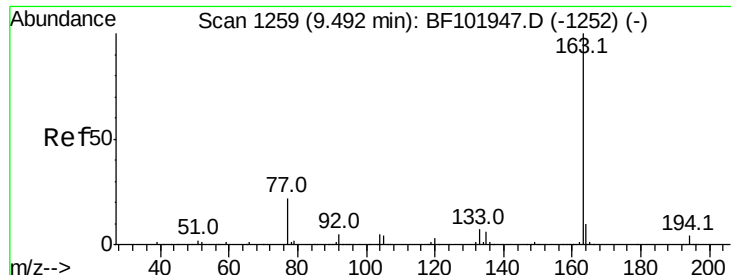
Tot Ion:330 Resp: 216802
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 38.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 81.758 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102206.D
 Acq: 18 Jan 2018 21:54

Tgt Ion:172 Resp: 1352632
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.8 19.6 29.4

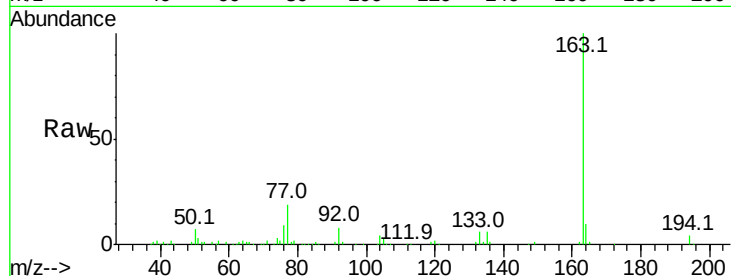




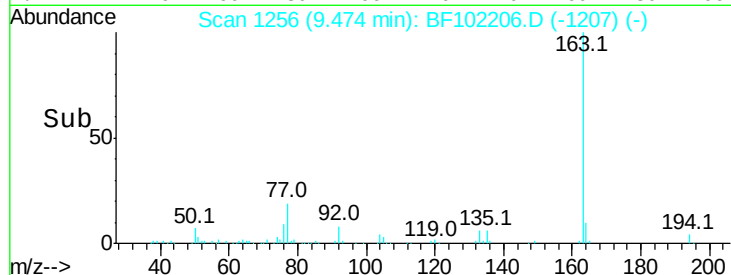
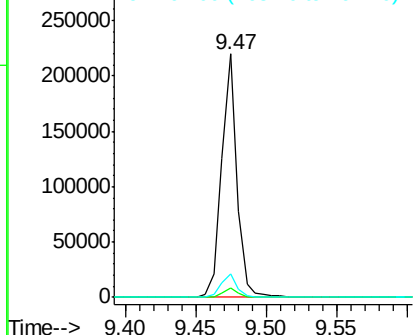
#49
Dimethylphthalate
Concen: 8.007 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102206.D
Acq: 18 Jan 2018 21:54

Instrument :
BNA_F
ClientSampleId :
BFW

Tot Ion:163 Resp: 166020
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2

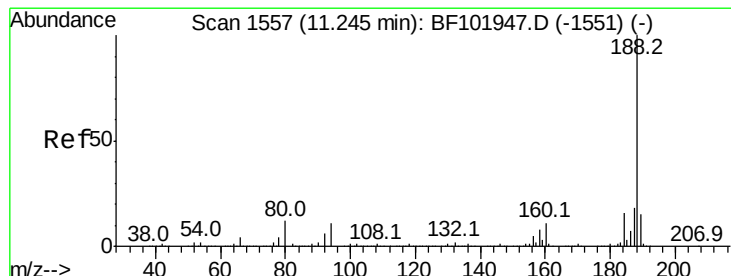


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

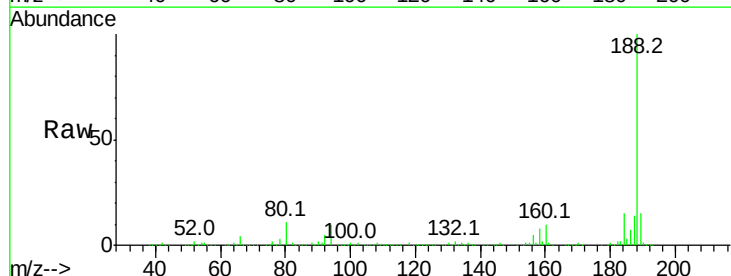
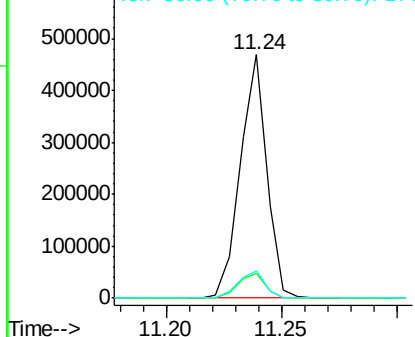


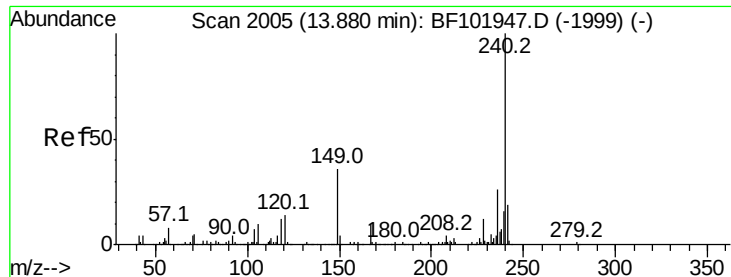
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102206.D
Acq: 18 Jan 2018 21:54

Tgt Ion:188 Resp: 376054
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.1 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# 2003

Delta R.T. -0.01 min

Lab File: BF102206.D

Acq: 18 Jan 2018 21:54

Instrument :

BNA_F

ClientSampleId :

BFW

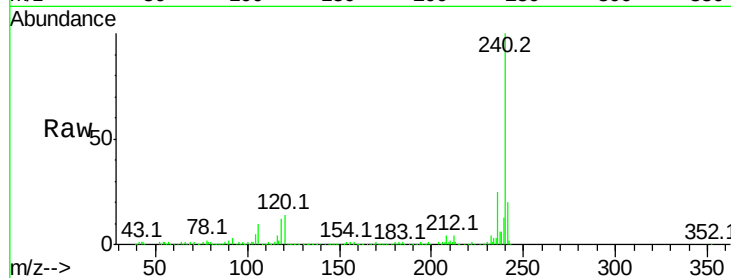
Tot Ion:240 Resp: 290304

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

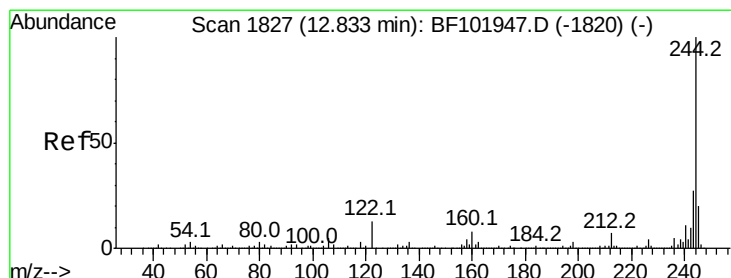
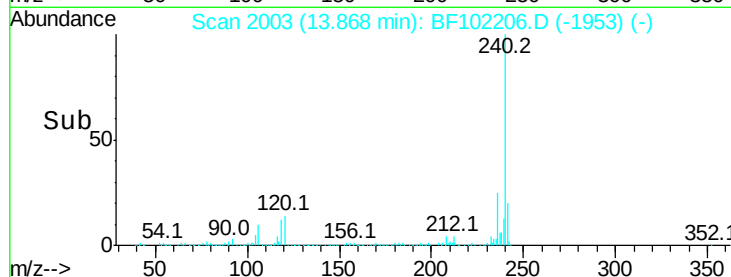
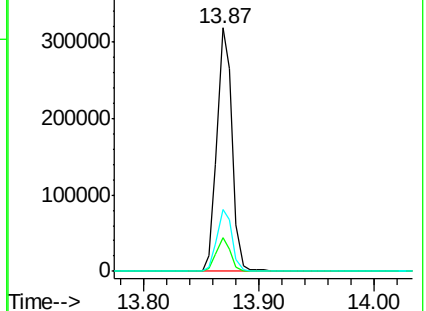
236 25.5 20.7 31.1



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: 67.156 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102206.D

Acq: 18 Jan 2018 21:54

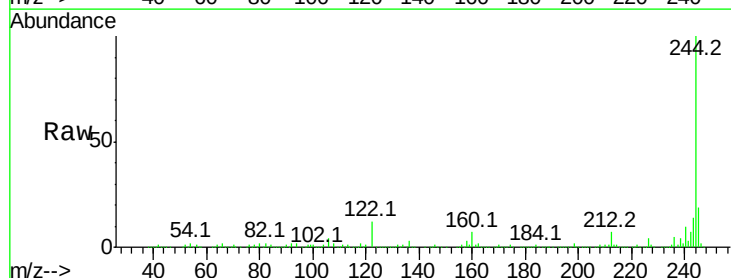
Tgt Ion:244 Resp: 938973

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

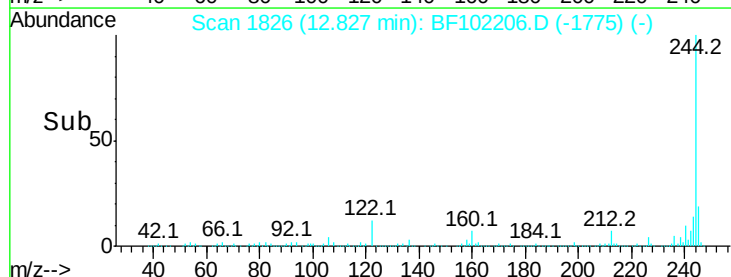
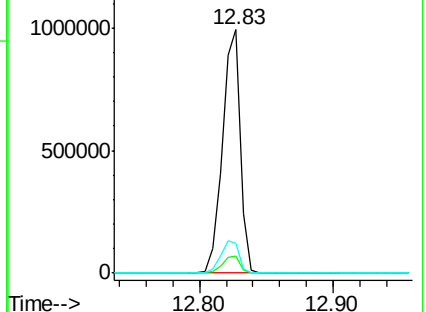
122 12.1 11.0 16.4

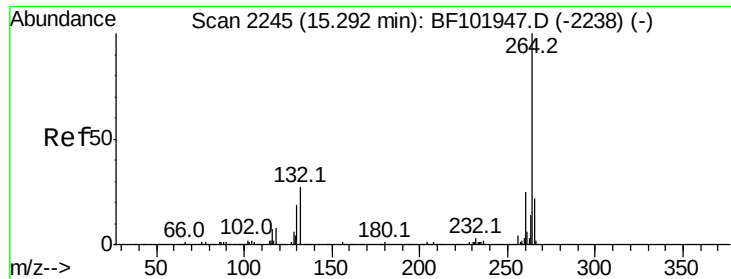


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102206.D
Acq: 18 Jan 2018 21:54

Instrument :
BNA_F
ClientSampleId :
BFW

Tot Ion:	264	Resp:	246427
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3

