

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102133.D
 Acq On : 17 Jan 2018 1:56
 Operator : SJ/JU
 Sample : J1122-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Quant Time: Jan 17 04:05:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

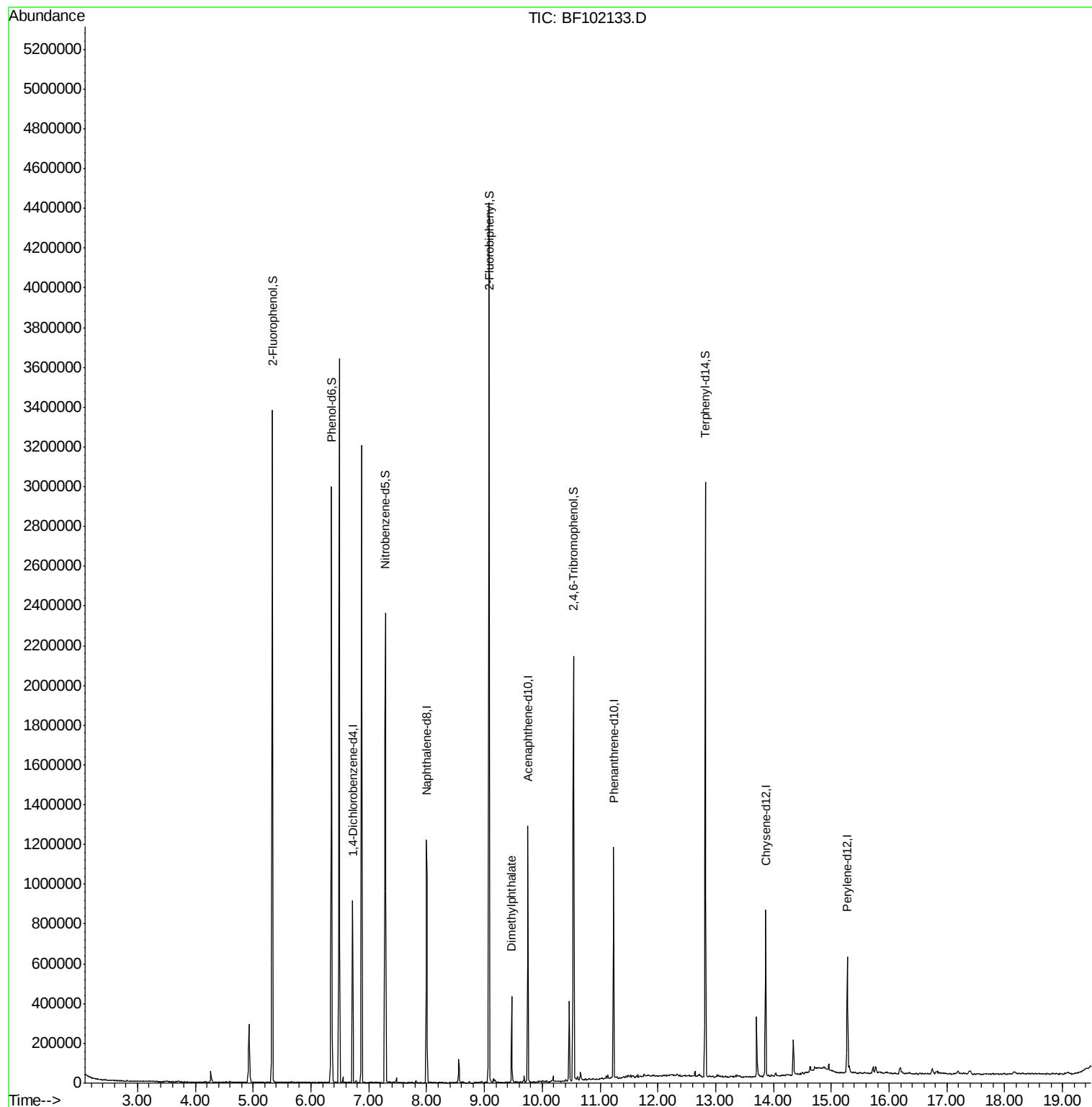
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137685	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	550657	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	233011	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	359287	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	249528	20.00	ng	-0.02
86) Perylene-d12	15.28	264	249495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1008981	103.48	ng	0.00
7) Phenol-d6	6.36	99	1244812	107.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	772484	82.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	241544	118.78	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1374927	92.18	ng	-0.01
78) Terphenyl-d14	12.82	244	957825	79.70	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	171283	9.163	ng	Qvalue # 99

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

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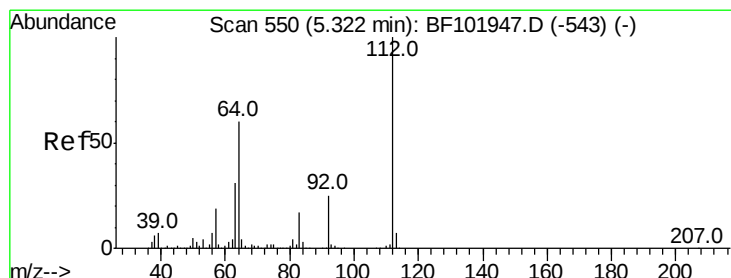
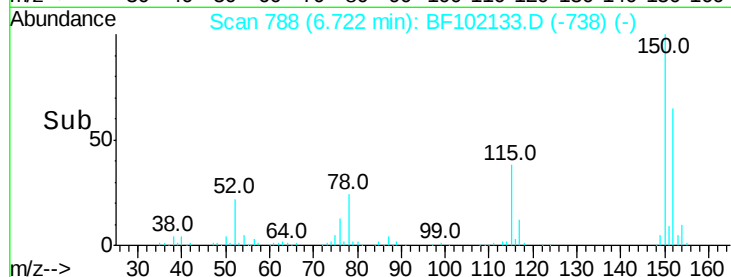
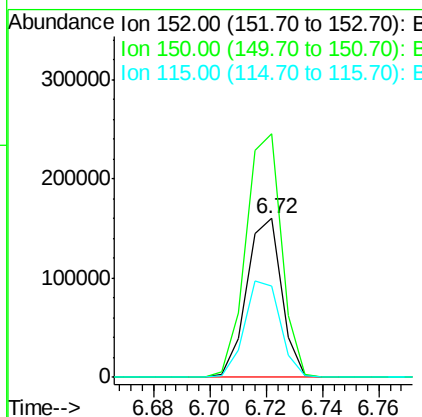
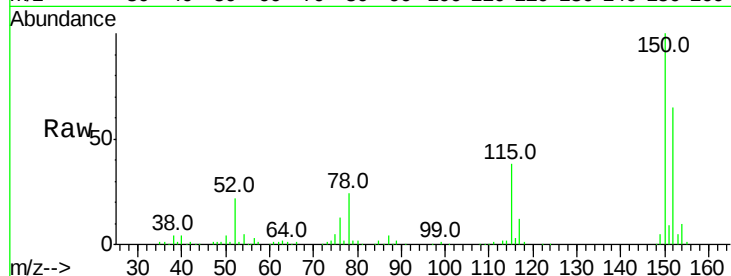


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Instrument :
BNA_F
ClientSampleId :
C-2

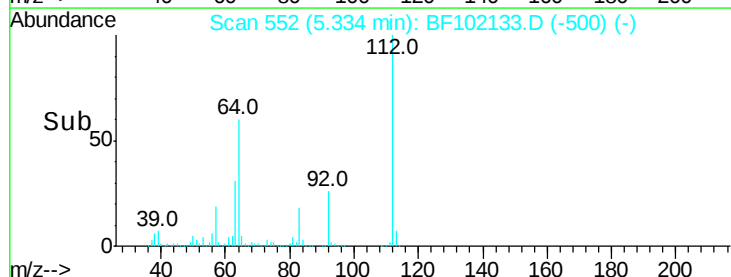
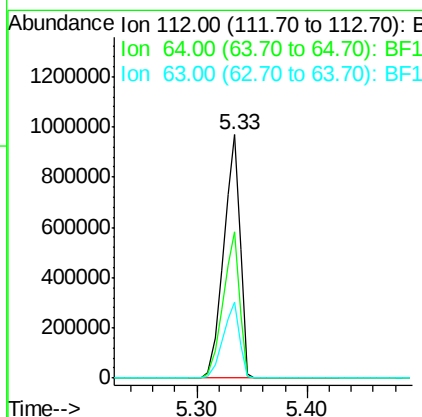
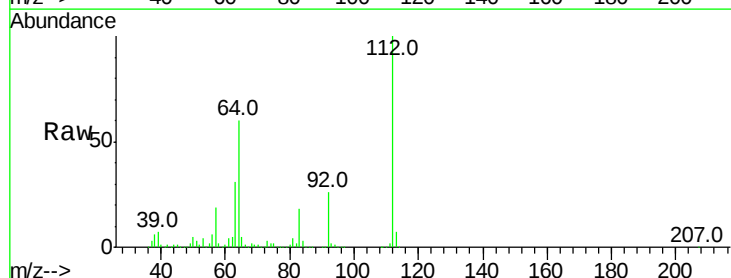
Tot Ion:152 Resp: 137685
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 57.6 50.1 75.1



#5

2-Fluorophenol
Concen: 103.480 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Tgt Ion:112 Resp: 1008981
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 107.004 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

Instrument :

BNA_F

ClientSampled :

C-2

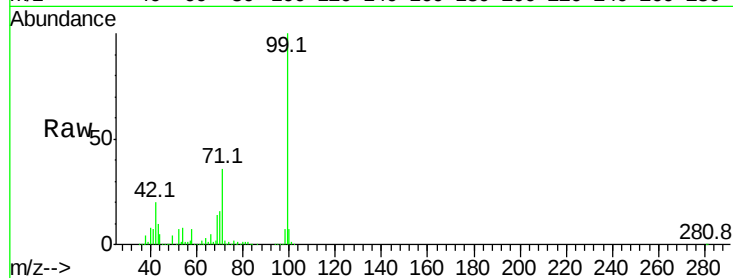
Tot Ion: 99 Resp: 1244812

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

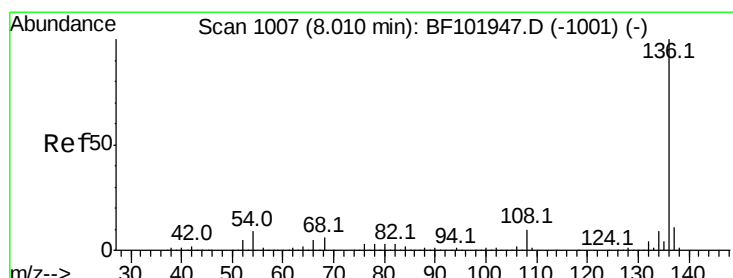
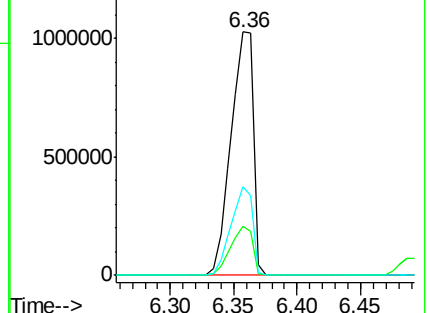
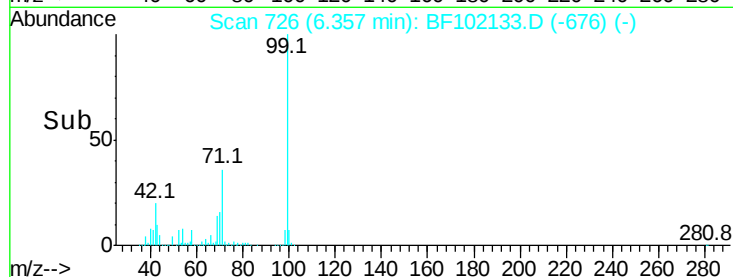
71 36.4 25.4 38.0



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# 1005

Delta R.T. -0.01 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

Tgt Ion: 136 Resp: 550657

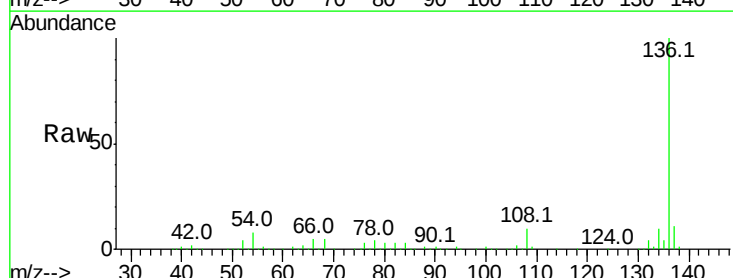
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 6.6 9.8

68 5.3 5.0 7.4

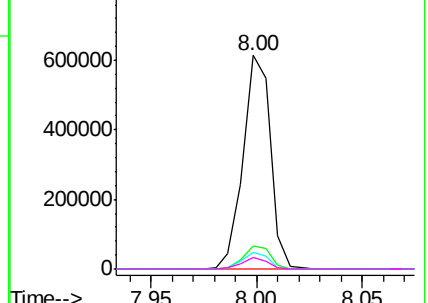
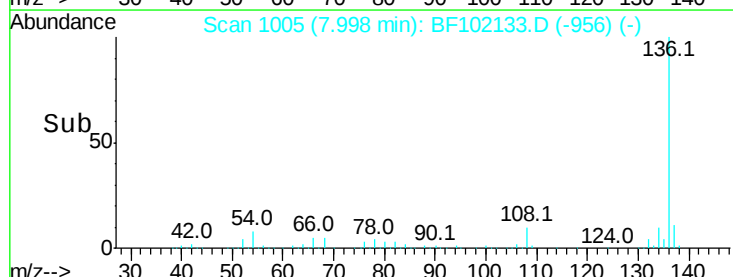


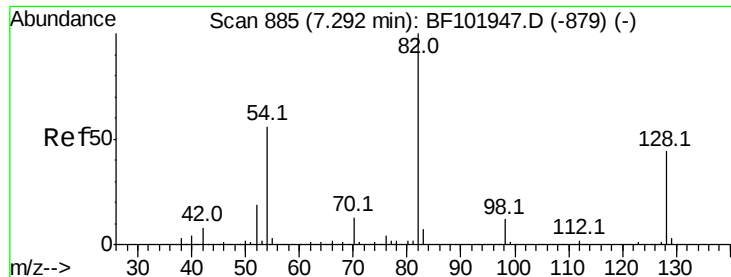
Abundance Ion 136.00 (135.70 to 136.70): E

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

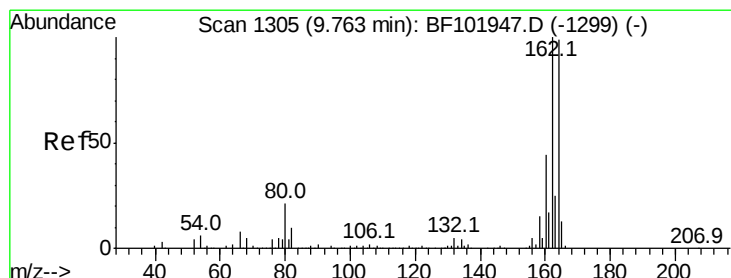
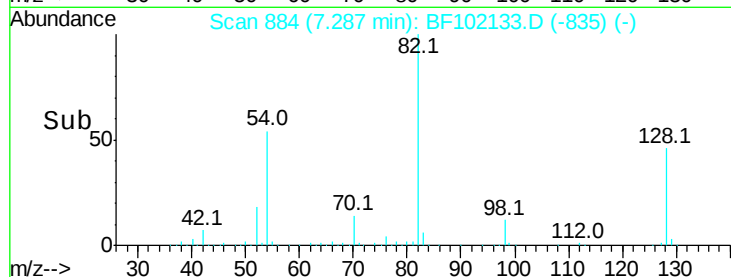
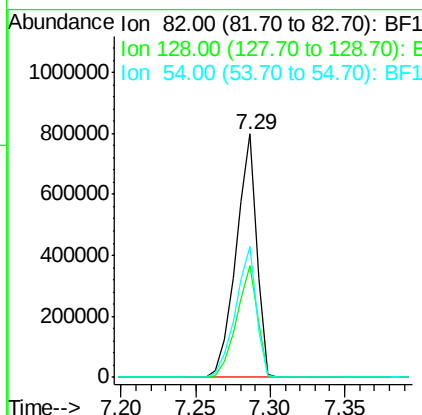
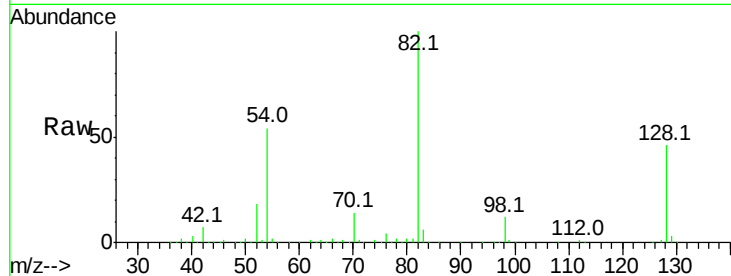




#23
 Nitrobenzene-d5
 Concen: 82.437 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102133.D
 Acq: 17 Jan 2018 1:56

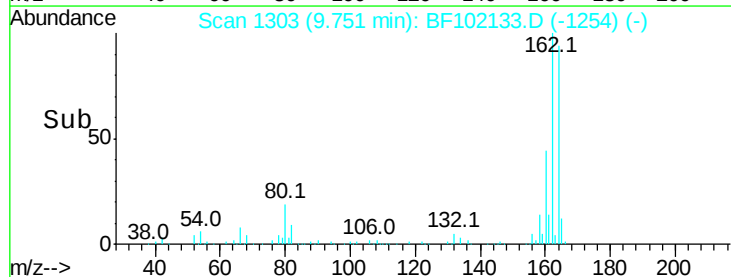
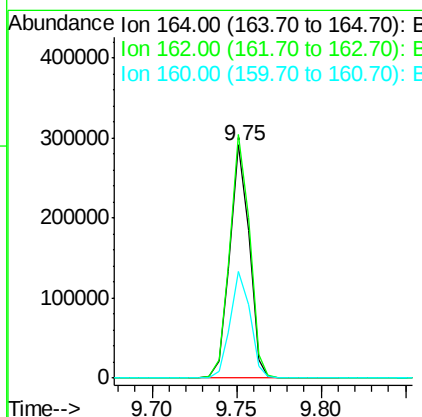
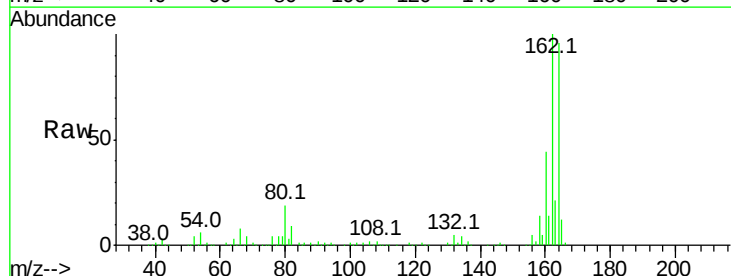
Instrument :
 BNA_F
 ClientSampled :
 C-2

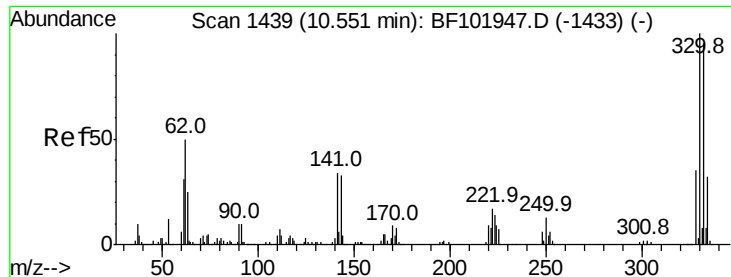
Tot Ion: 82 Resp: 772484
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 53.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102133.D
 Acq: 17 Jan 2018 1:56

Tgt Ion:164 Resp: 233011
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.9 38.3 57.5

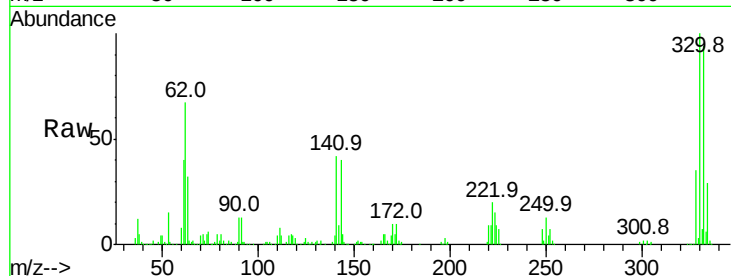




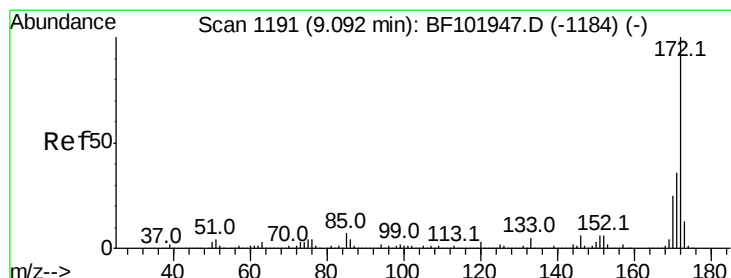
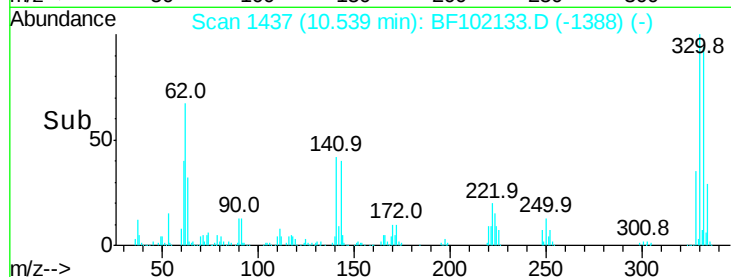
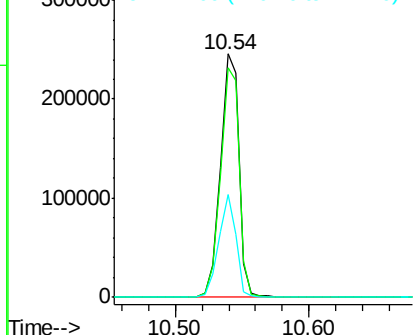
#41
 2,4,6-Tribromophenol
 Concen: 118.785 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102133.D
 Acq: 17 Jan 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Tot Ion:330 Resp: 241544
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 39.3 29.9 44.9

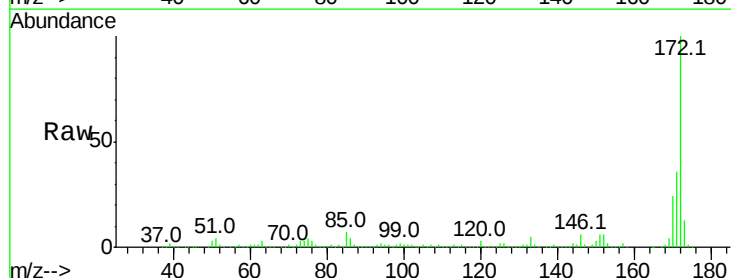


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

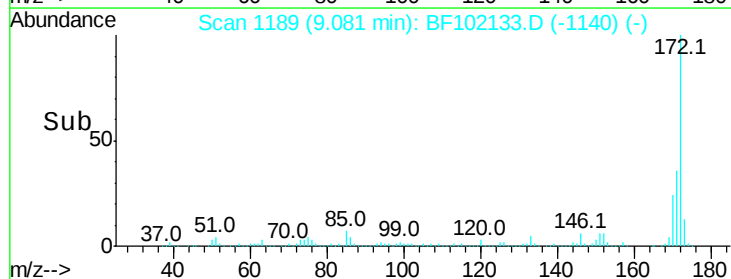
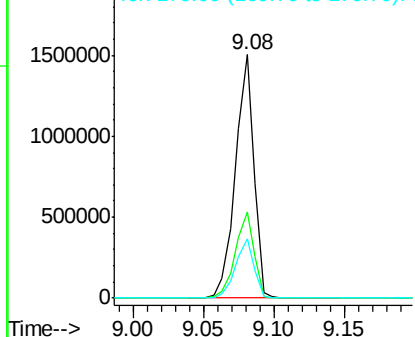


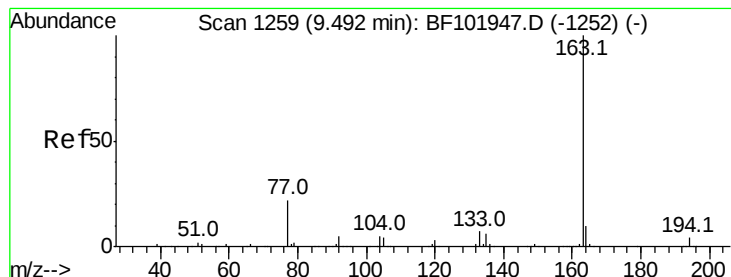
#44
 2-Fluorobiphenyl
 Concen: 92.185 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102133.D
 Acq: 17 Jan 2018 1:56

Tgt Ion:172 Resp: 1374927
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.2 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: 9.163 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

Instrument :

BNA_F

ClientSampled :

C-2

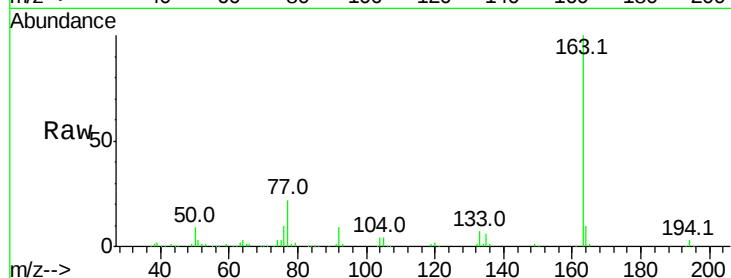
Tot Ion:163 Resp: 171283

Ion Ratio Lower Upper

163 100

194 2.7 2.7 4.1#

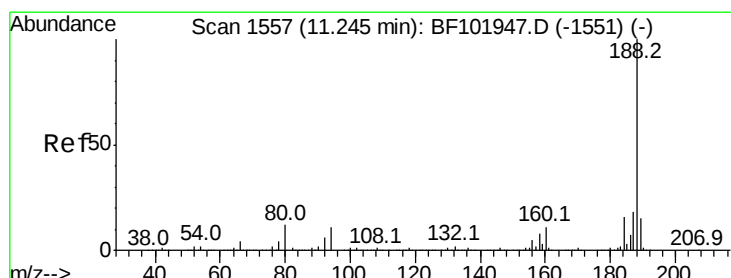
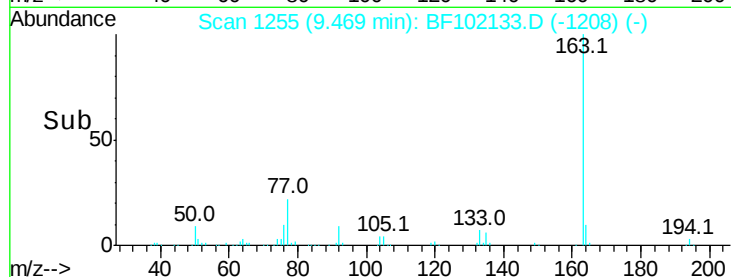
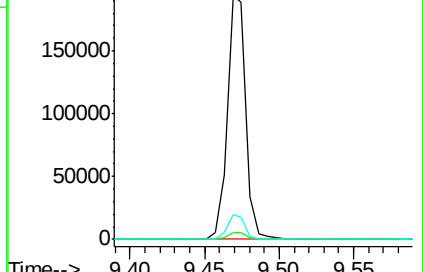
164 9.9 8.2 12.2



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: BF102133.D

Acq: 17 Jan 2018 1:56

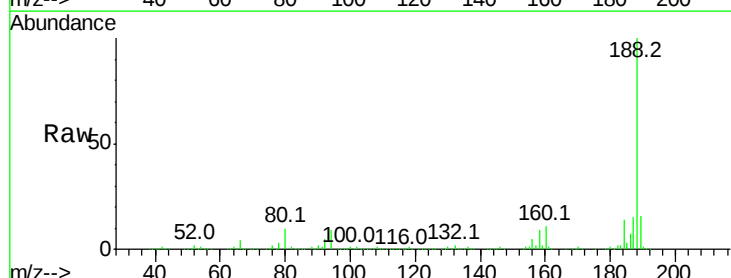
Tgt Ion:188 Resp: 359287

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

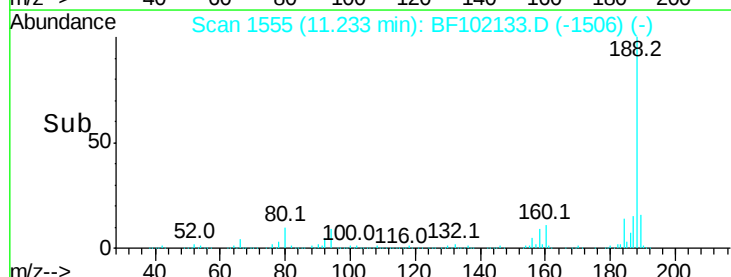
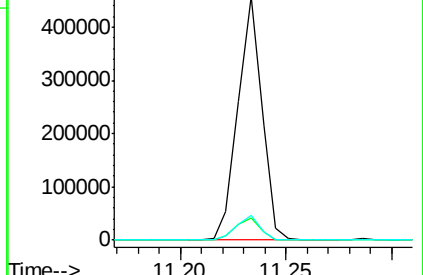
80 10.2 9.2 13.8

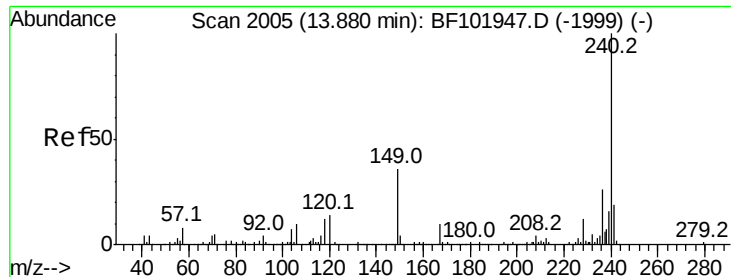


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.02 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

Instrument :

BNA_F

ClientSampleId :

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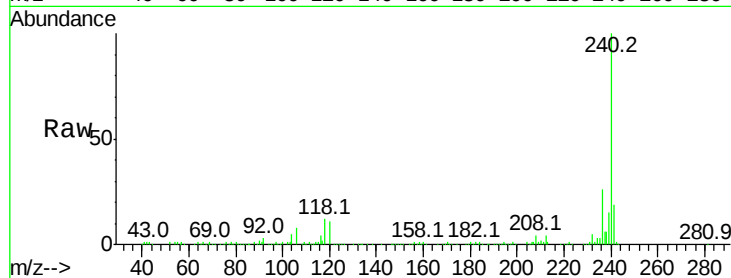
Tot Ion:240 Resp: 249528

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

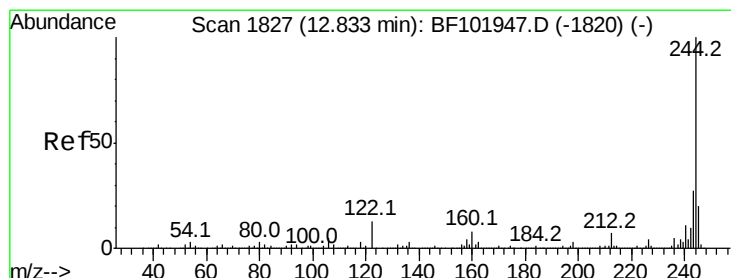
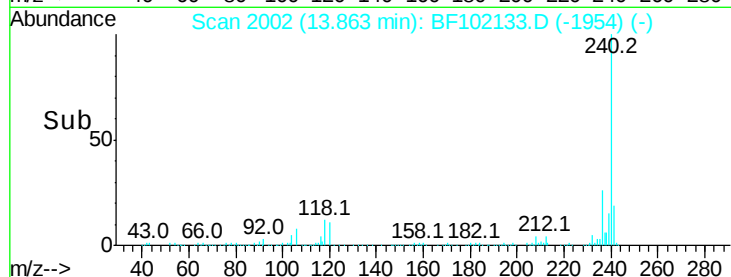
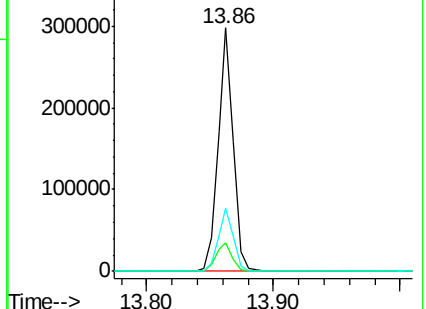
236 26.0 20.7 31.1



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: 79.698 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

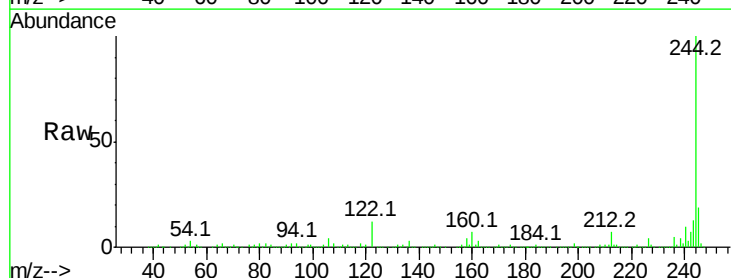
Tgt Ion:244 Resp: 957825

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

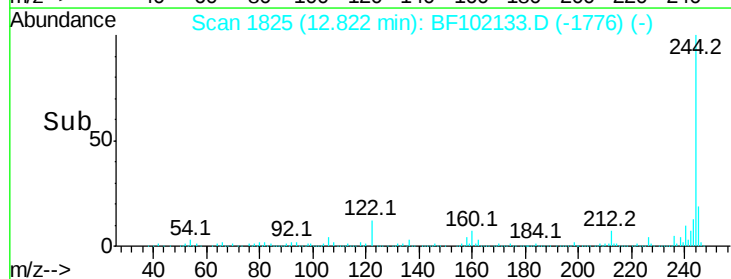
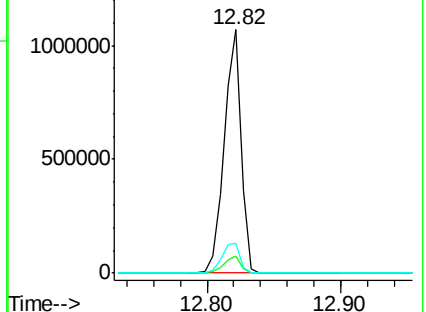
122 12.5 11.0 16.4

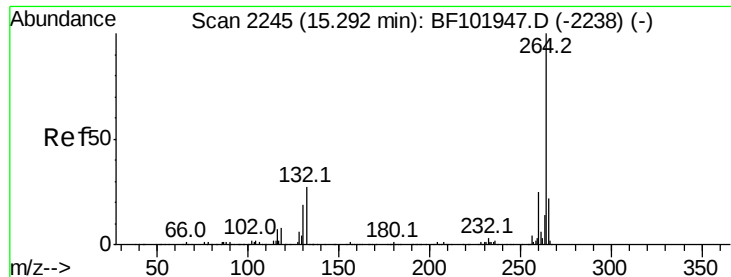


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

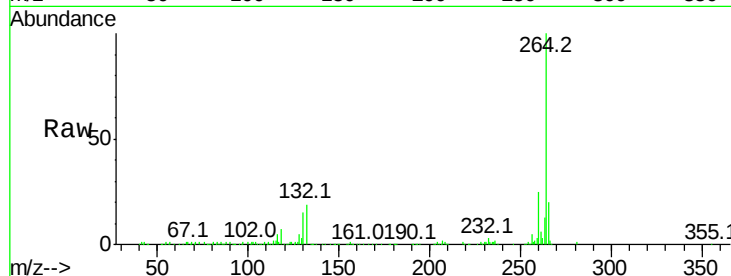




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.5	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

