

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086618.D
 Acq On : 2 May 2016 15:32
 Operator : UM/SJ
 Sample : H2716-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-7(12-25FTBGS)

Quant Time: May 03 01:35:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

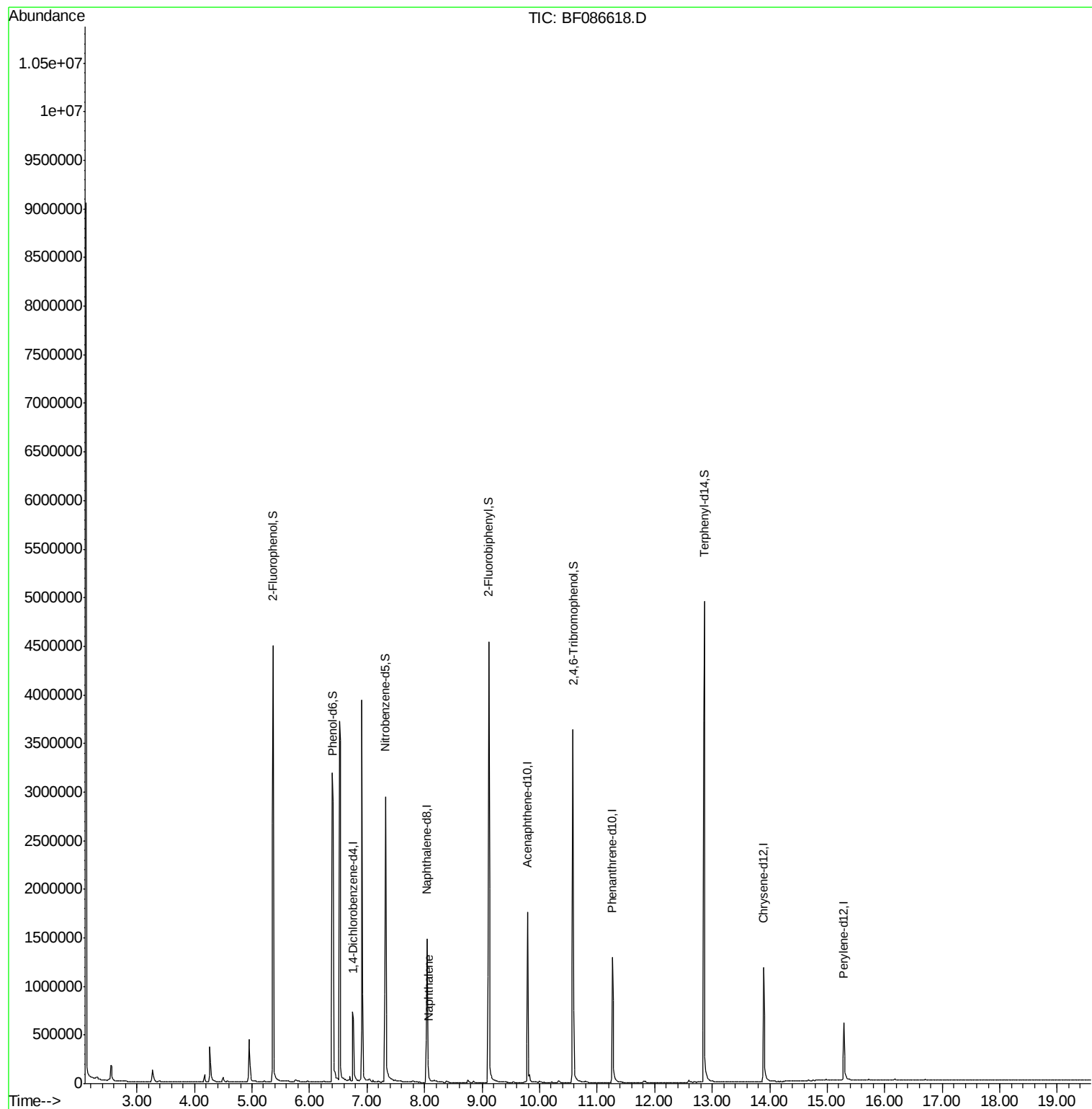
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	165320	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	740404	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	350396	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	678578	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	568321	20.00	ng	-0.07
86) Perylene-d12	15.29	264	239729	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1327433	138.50	ng	-0.02
7) Phenol-d6	6.41	99	1679366	125.54	ng	-0.03
23) Nitrobenzene-d5	7.32	82	1135498	82.66	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	476041	128.83	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1822760	92.83	ng	-0.06
78) Terphenyl-d14	12.87	244	2183927	84.66	ng	-0.05
Target Compounds						
31) Naphthalene	8.06	128	78032	2.07	ng	Qvalue 97

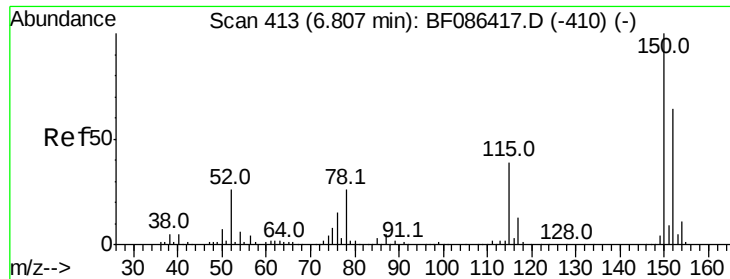
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086618.D

Acq: 2 May 2016 15:32

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-7(12-25FTBGS)

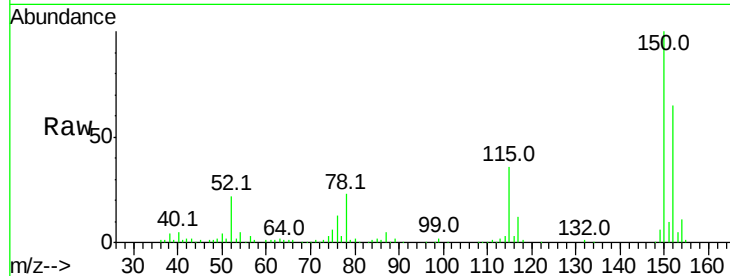
Tot Ion:152 Resp: 165320

Ion Ratio Lower Upper

152 100

150 154.0 125.8 188.6

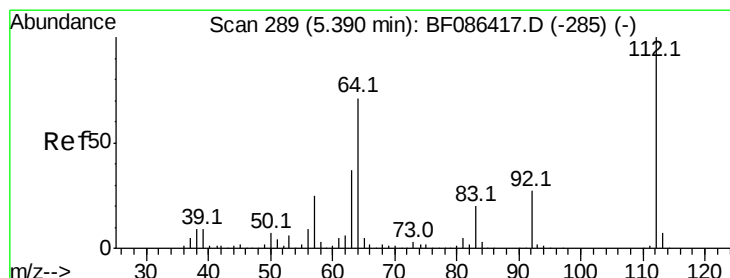
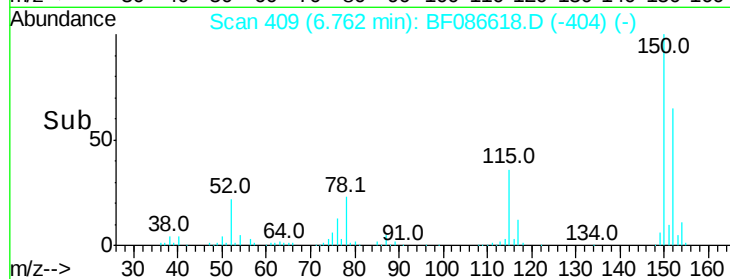
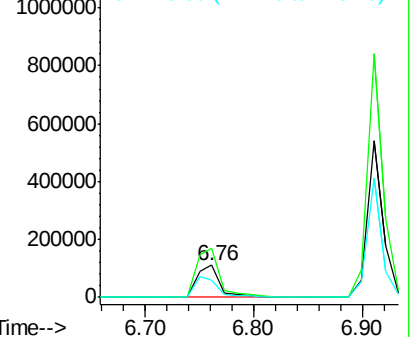
115 55.3 51.5 77.3



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: 138.50 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086618.D

Acq: 2 May 2016 15:32

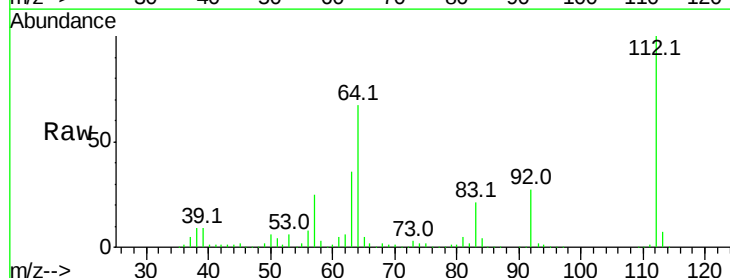
Tgt Ion:112 Resp: 1327433

Ion Ratio Lower Upper

112 100

64 67.4 52.1 78.1

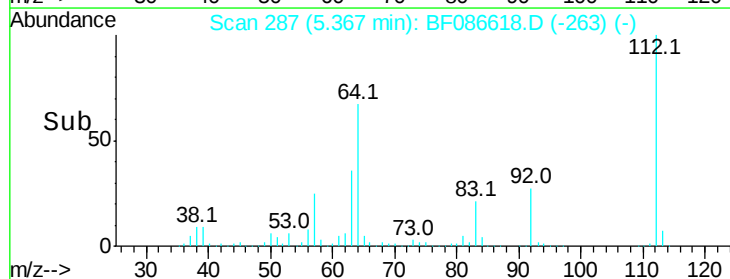
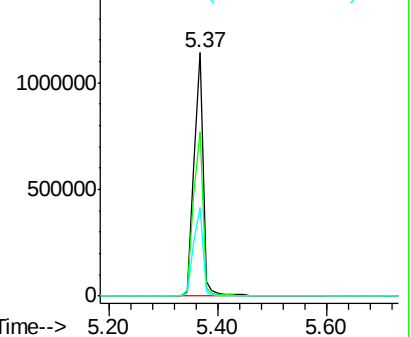
63 36.4 25.7 38.5

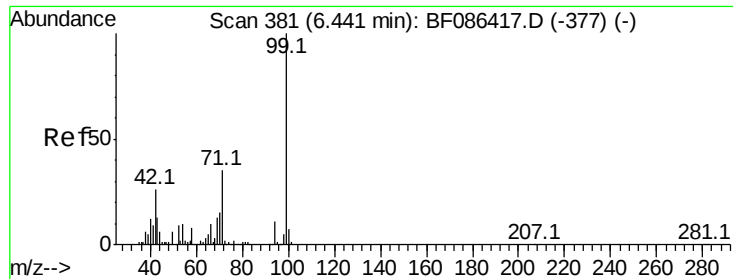


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.54 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086618.D

Acq: 2 May 2016 15:32

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-7(12-25FTBGS)

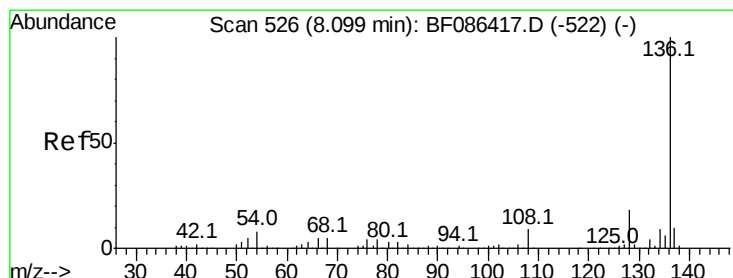
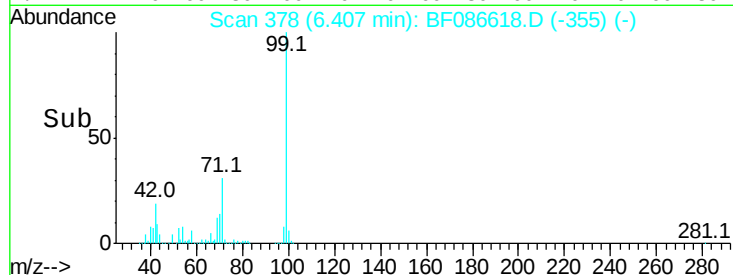
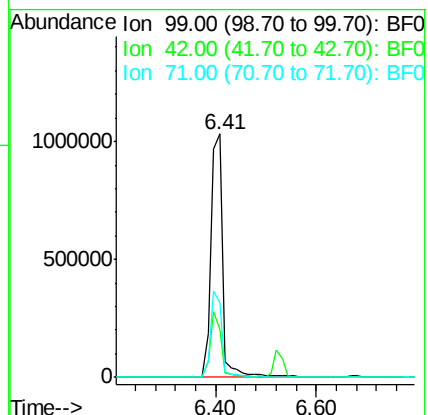
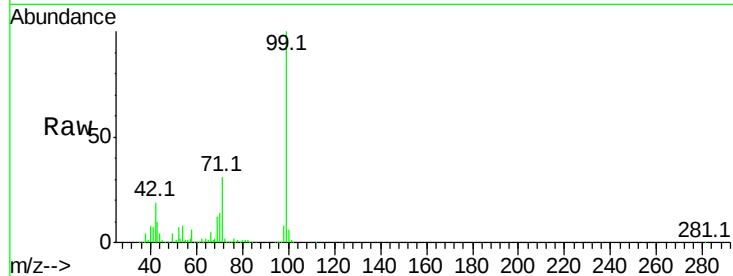
Tot Ion: 99 Resp: 1679366

Ion Ratio Lower Upper

99 100

42 19.4 13.6 20.4

71 30.8 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086618.D

Acq: 2 May 2016 15:32

Tgt Ion: 136 Resp: 740404

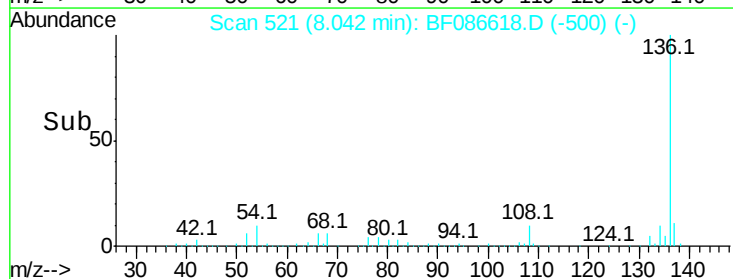
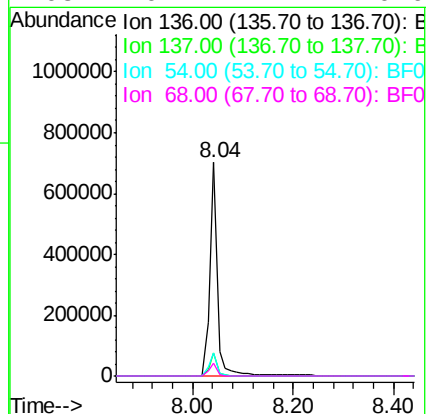
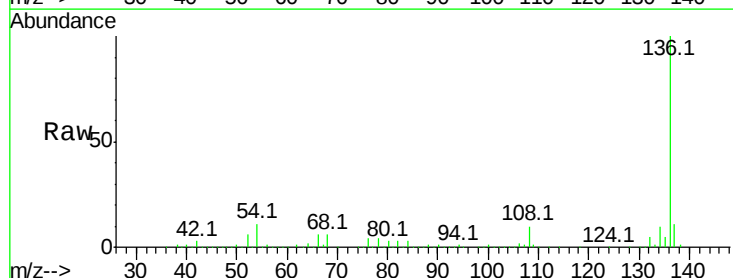
Ion Ratio Lower Upper

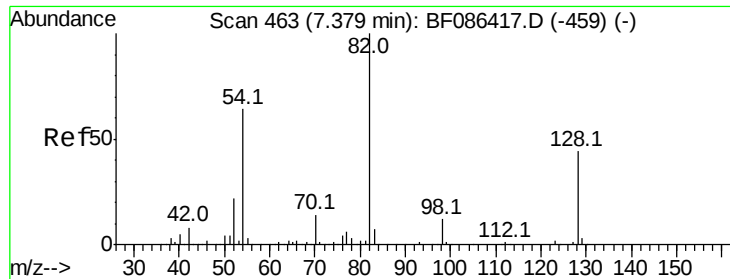
136 100

137 10.8 8.8 13.2

54 10.5 5.0 7.4#

68 6.2 4.4 6.6

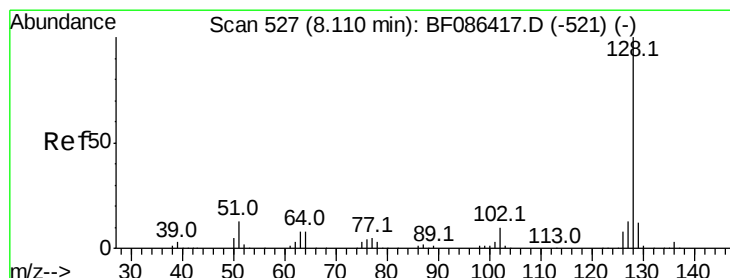
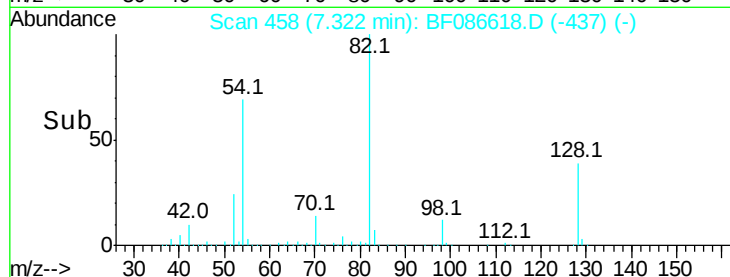
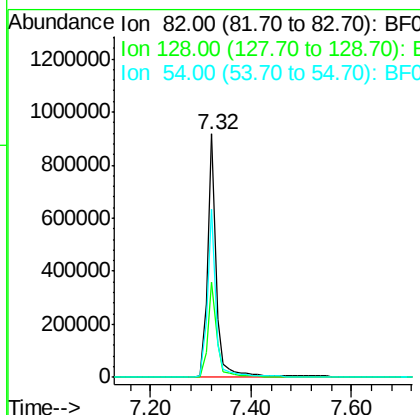
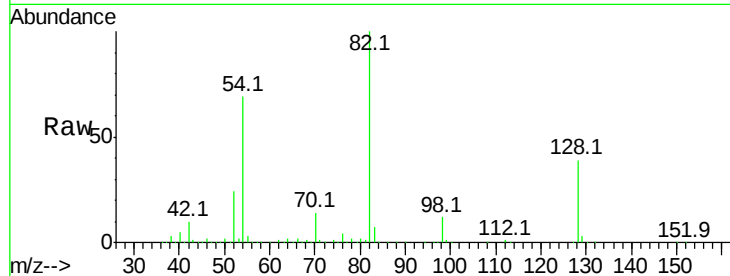




#23
 Nitrobenzene-d5
 Concen: 82.66 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086618.D
 Acq: 2 May 2016 15:32

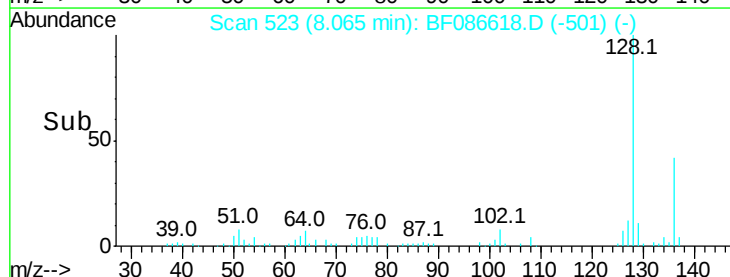
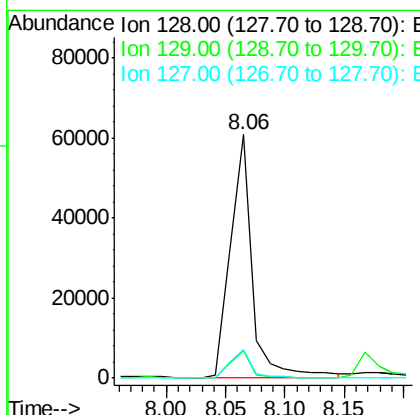
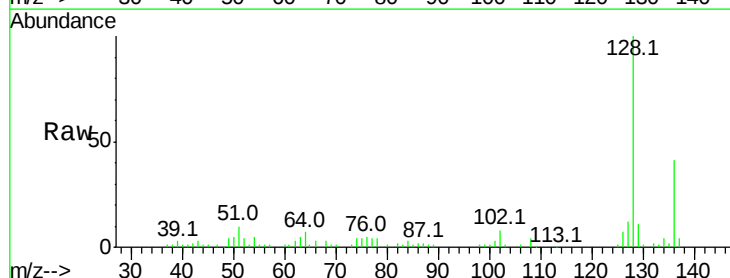
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-7(12-25FTBGS)

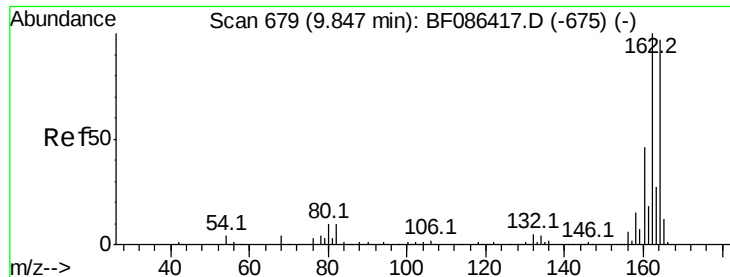
Tot Ion: 82 Resp: 1135498
 Ion Ratio Lower Upper
 82 100
 128 39.1 40.6 61.0#
 54 69.3 38.1 57.1#



#31
 Naphthalene
 Concen: 2.07 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF086618.D
 Acq: 2 May 2016 15:32

Tgt Ion: 128 Resp: 78032
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 13.0
 127 11.9 10.8 16.2

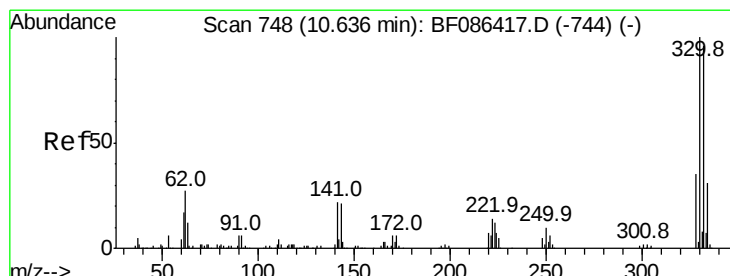
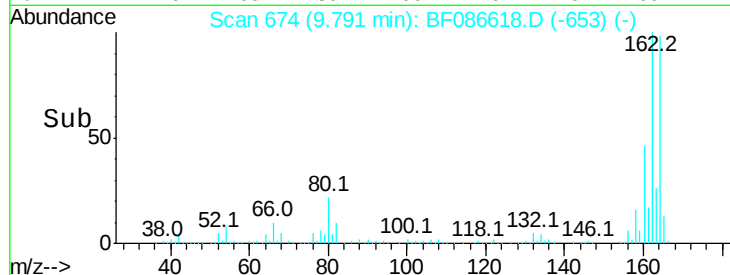
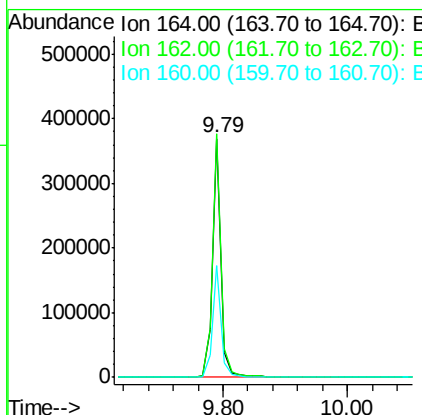
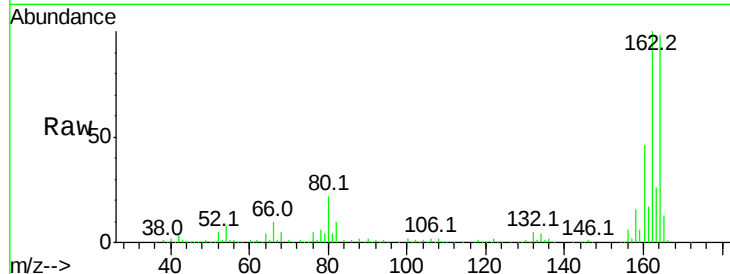




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086618.D
 Acq: 2 May 2016 15:32

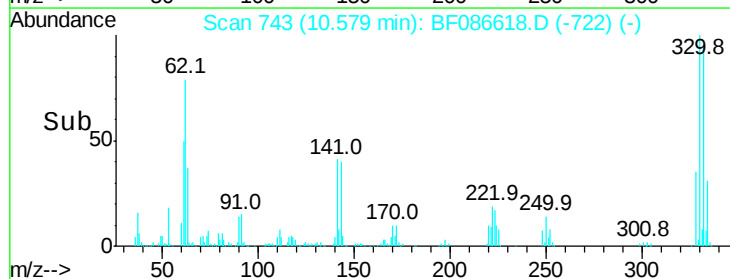
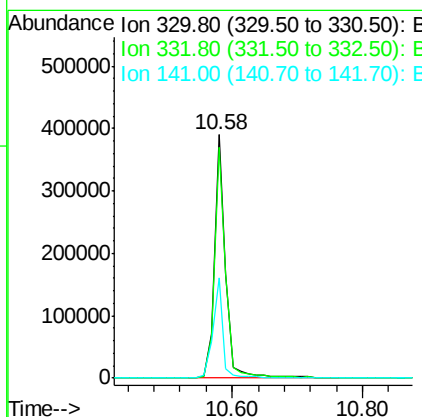
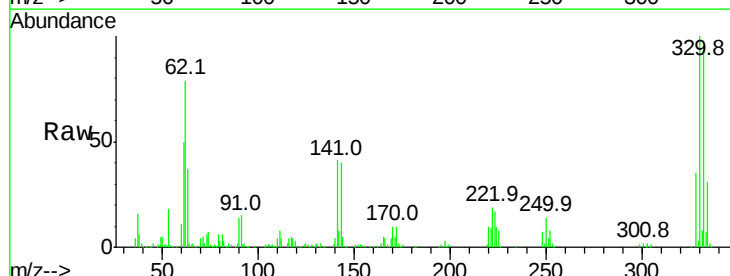
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-7(12-25FTBGS)

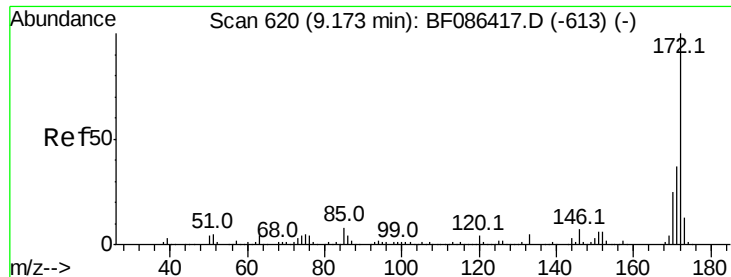
Tot Ion:	164	Resp:	350396
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	46.9	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 128.83 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086618.D
 Acq: 2 May 2016 15:32

Tgt Ion:	330	Resp:	476041
Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.0	118.4
141	37.7	31.2	46.8

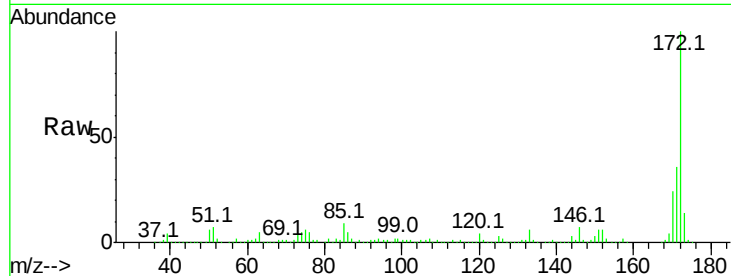




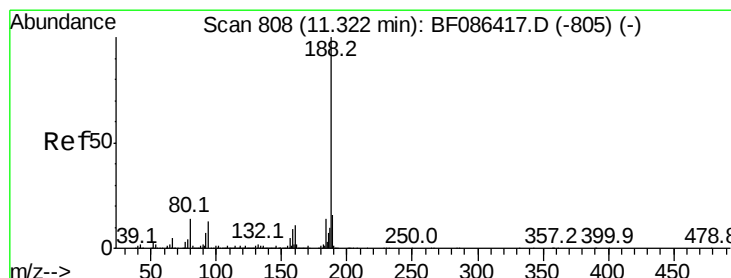
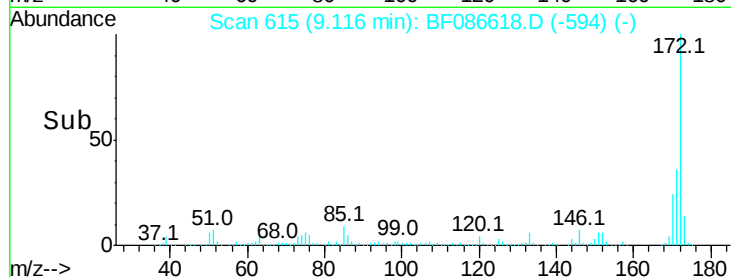
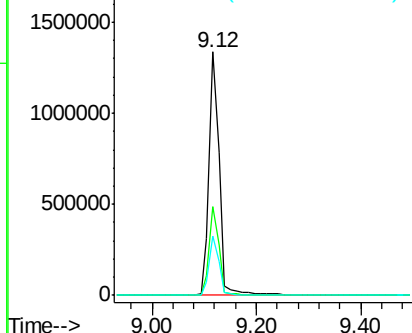
#44
 2-Fluorobiphenyl
 Concen: 92.83 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086618.D
 Acq: 2 May 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-7(12-25FTBGS)

Tot Ion:172 Resp: 1822760
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.4 19.8 29.8

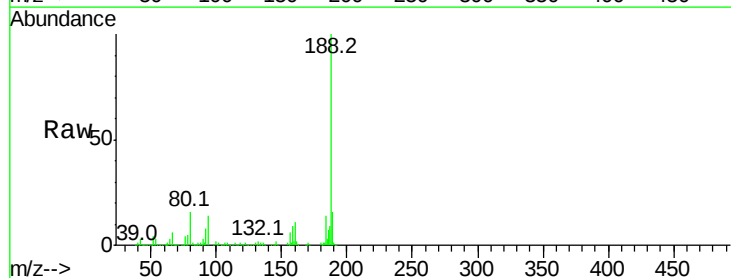


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

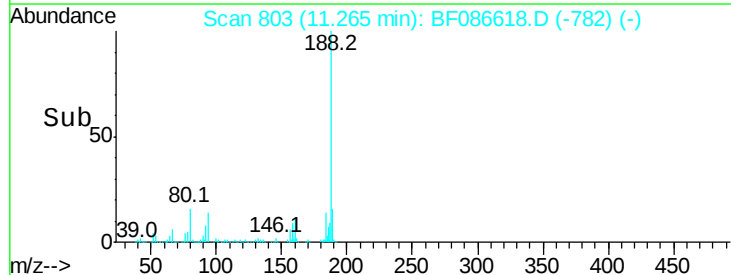
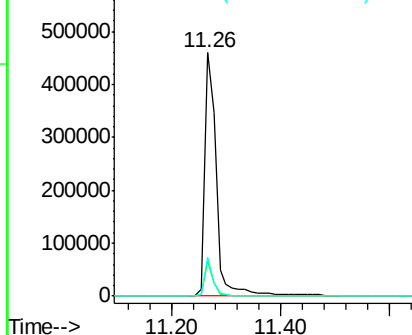


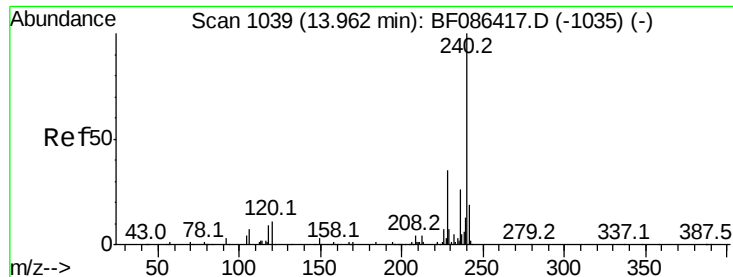
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086618.D
 Acq: 2 May 2016 15:32

Tgt Ion:188 Resp: 678578
 Ion Ratio Lower Upper
 188 100
 94 14.2 6.8 10.2#
 80 16.1 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086618.D

Acq: 2 May 2016 15:32

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-7(12-25FTBGS)

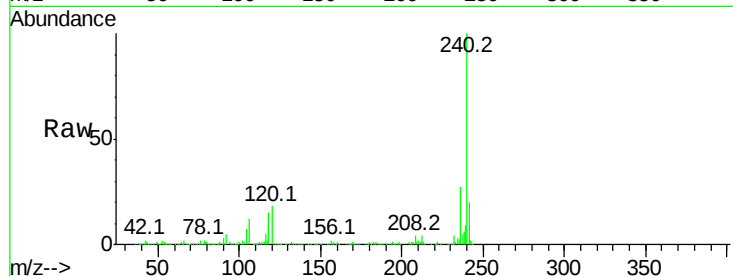
Tot Ion:240 Resp: 568321

Ion Ratio Lower Upper

240 100

120 17.5 11.2 16.8#

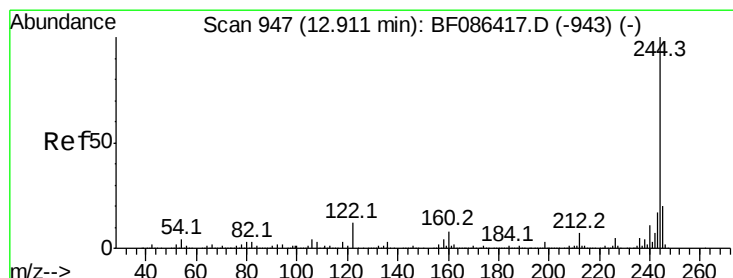
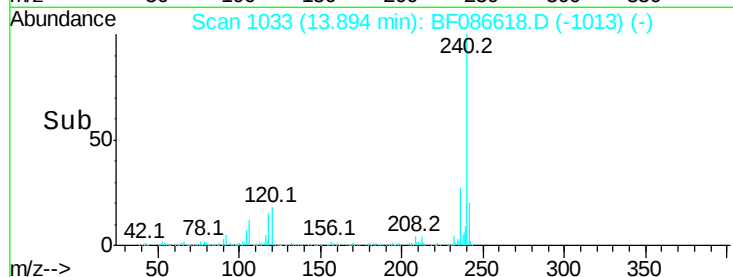
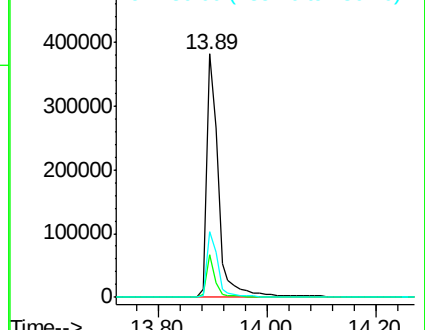
236 27.1 21.2 31.8



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: 84.66 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086618.D

Acq: 2 May 2016 15:32

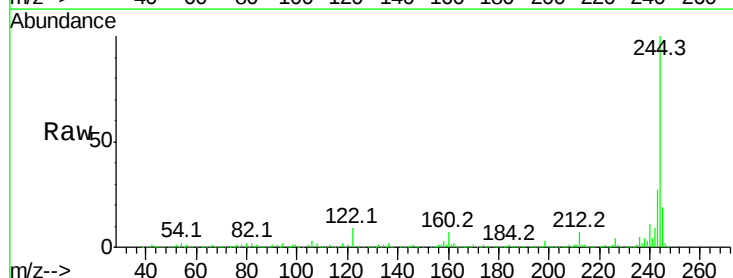
Tgt Ion:244 Resp: 2183927

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

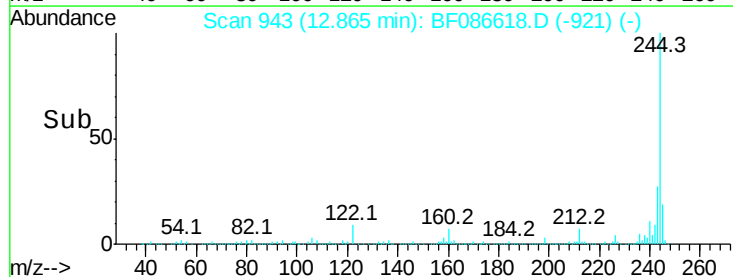
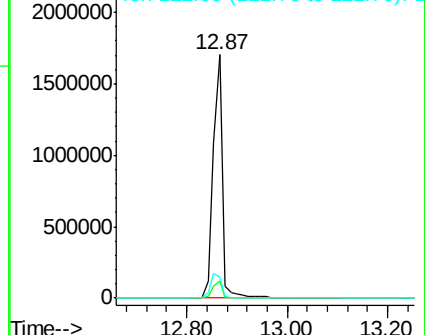
122 8.8 12.0 18.0#

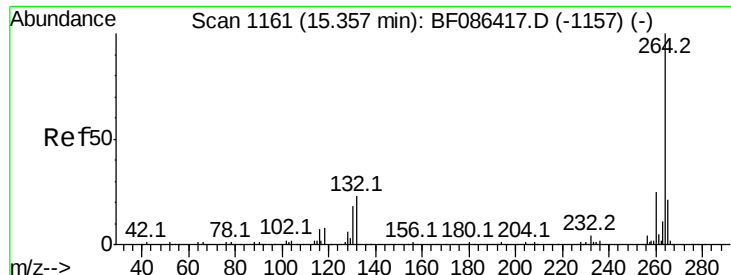


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

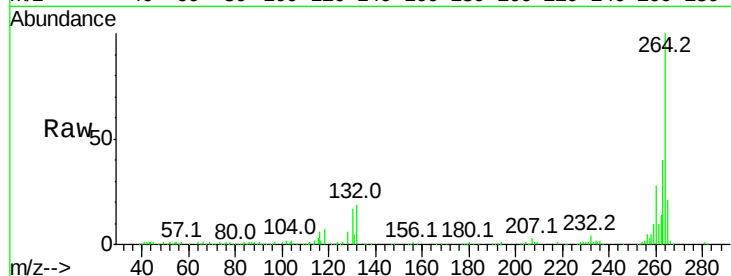




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086618.D
 Acq: 2 May 2016 15:32

Instrument :
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 26WARD-3-CS-7(12-25FTBGS)

Tot Ion:264 Resp: 239729
 Ion Ratio Lower Upper
 264 100
 260 28.0 19.5 29.3
 265 20.7 17.3 25.9



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

