

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086622.D
 Acq On : 2 May 2016 17:26
 Operator : UM/SJ
 Sample : H2716-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-1(0-6FTBGS)

Quant Time: May 03 01:40:20 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

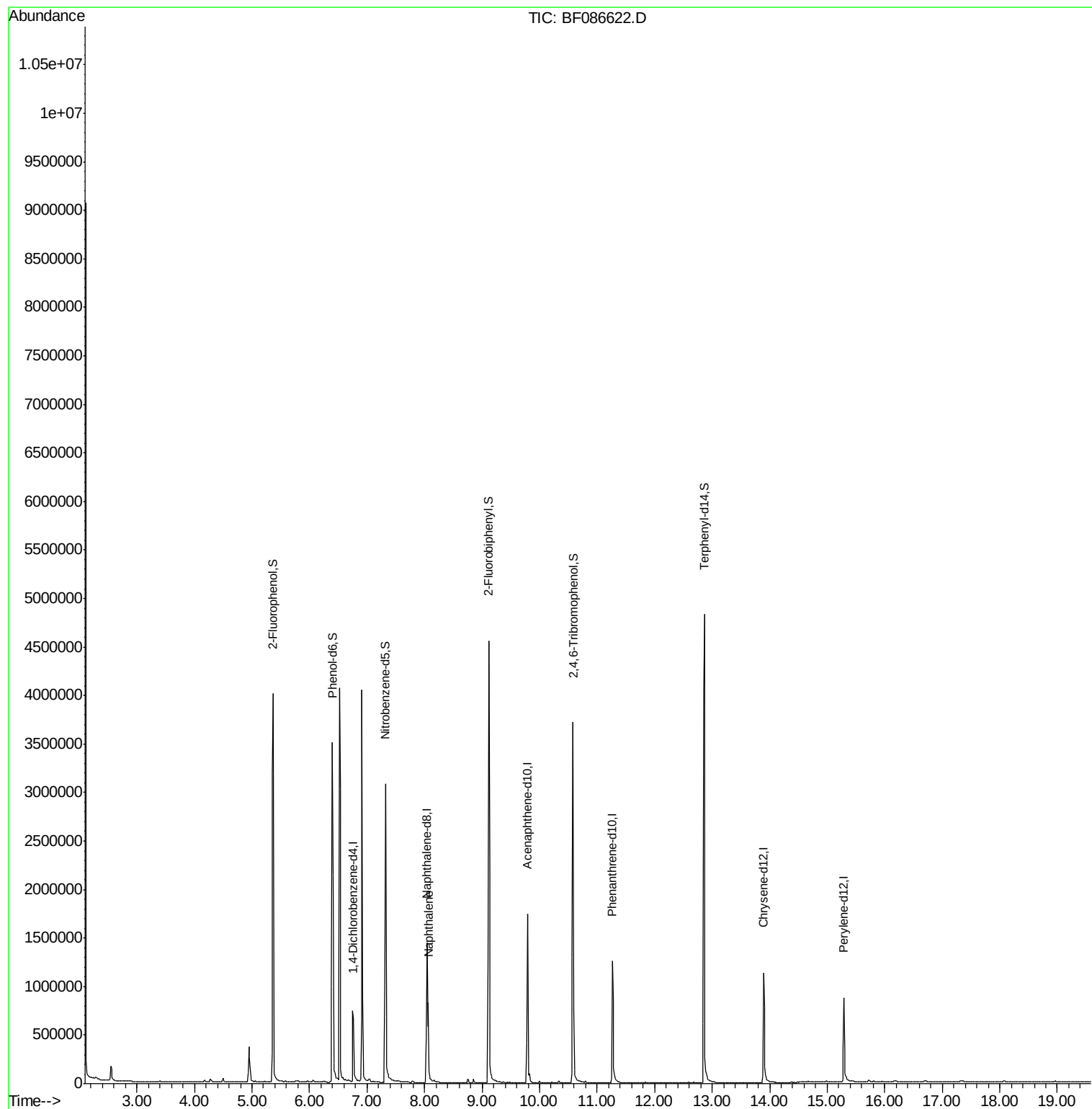
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	167837	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	723805	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	355583	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	674388	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	595120	20.00	ng	-0.07
86) Perylene-d12	15.29	264	422849	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1388380	142.69	ng	-0.02
7) Phenol-d6	6.40	99	1654078	121.80	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1176448	87.61	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	495489	132.14	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1925118	97.77	ng	-0.06
78) Terphenyl-d14	12.87	244	2259734	83.65	ng	-0.05
Target Compounds						
31) Naphthalene	8.06	128	473889	12.87	ng	Qvalue 99

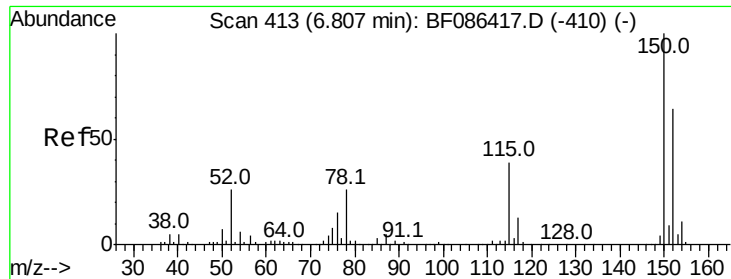
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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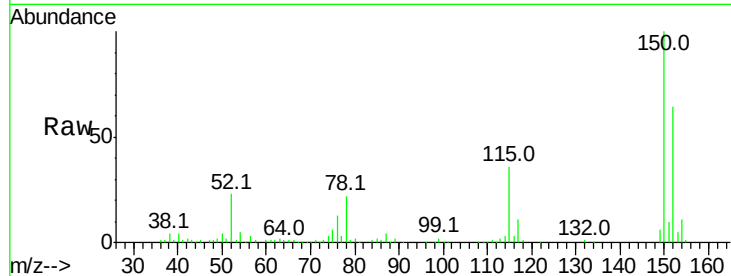


#1

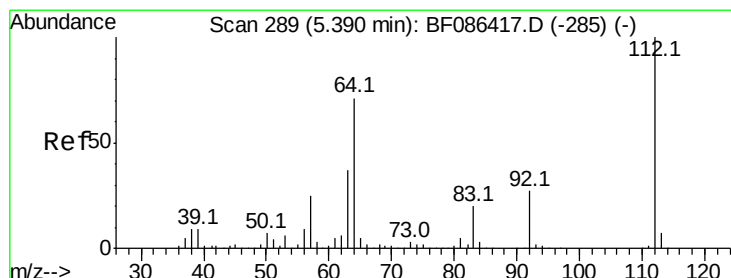
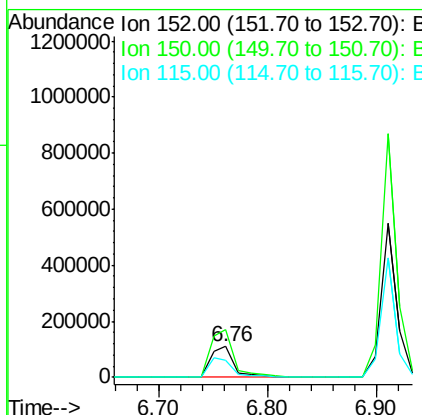
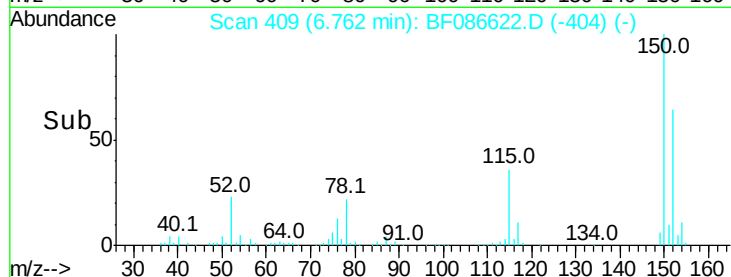
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tot Ion:152 Resp: 167837
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 56.7 51.5 77.3



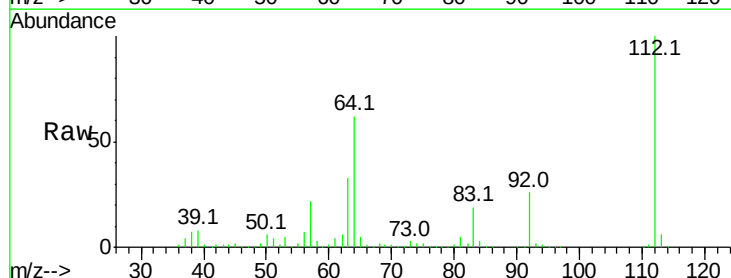
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



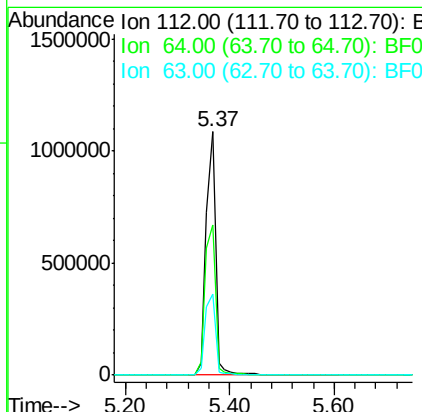
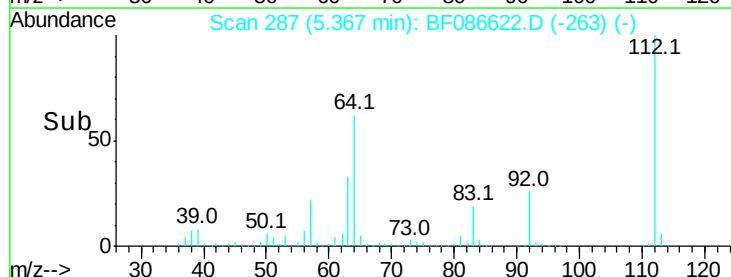
#5

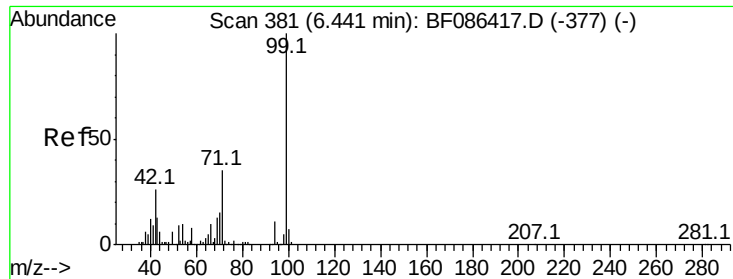
2-Fluorophenol
Concen: 142.69 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Tgt Ion:112 Resp: 1388380
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 33.4 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: 121.80 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086622.D

Acq: 2 May 2016 17:26

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-1(0-6FTBGS)

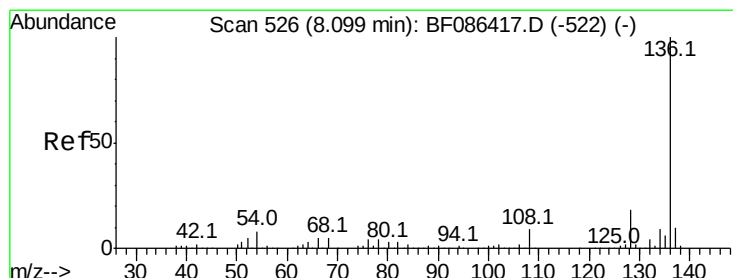
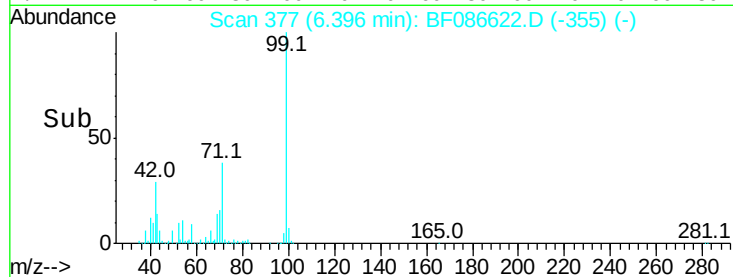
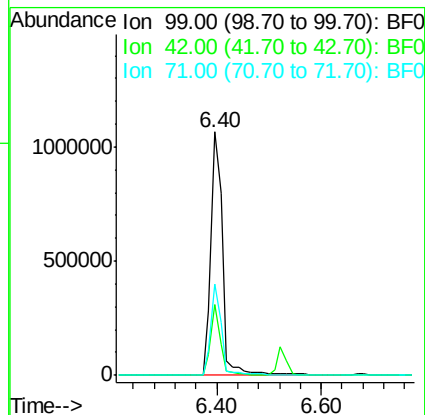
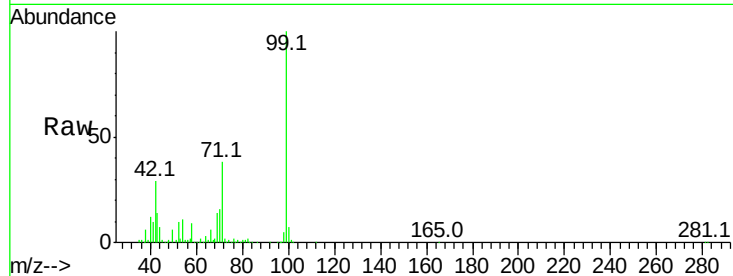
Tot Ion: 99 Resp: 1654078

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

71 37.7 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: BF086622.D

Acq: 2 May 2016 17:26

Tgt Ion: 136 Resp: 723805

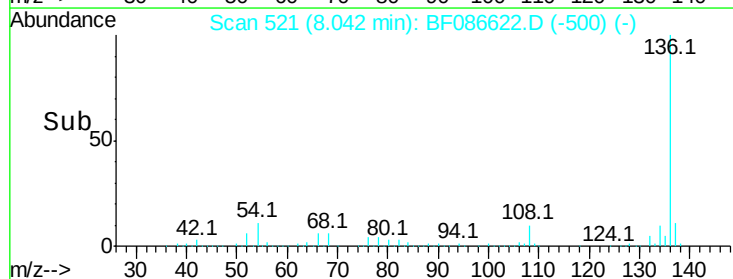
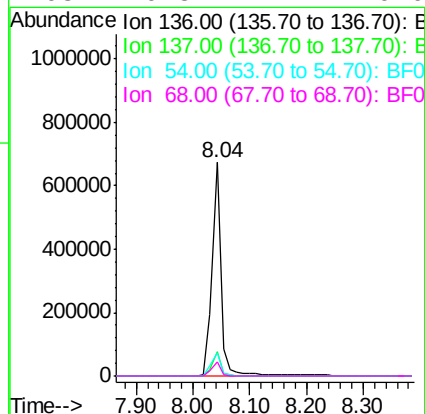
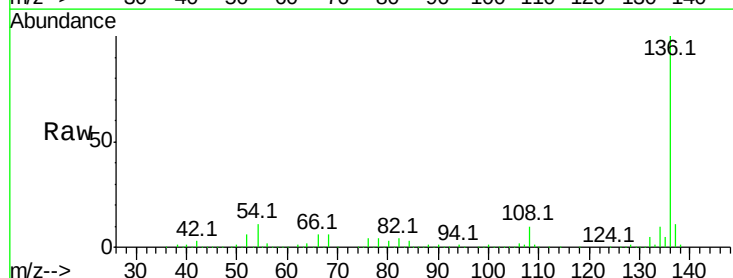
Ion Ratio Lower Upper

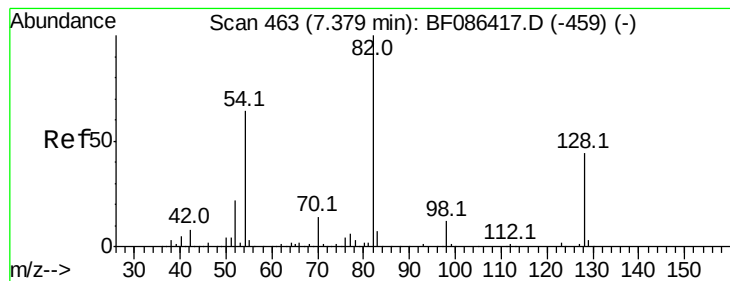
136 100

137 11.1 8.8 13.2

54 10.8 5.0 7.4#

68 6.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 87.61 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF086622.D

Acq: 2 May 2016 17:26

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-1(0-6FTBGS)

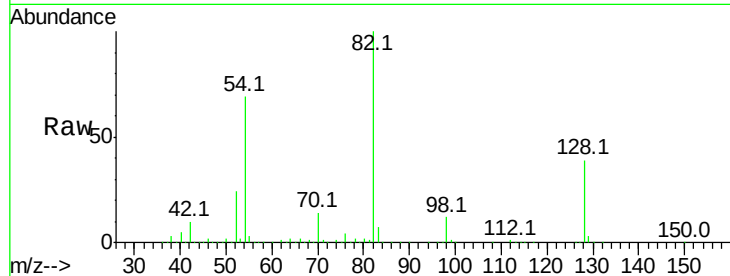
Tot Ion: 82 Resp: 1176448

Ion Ratio Lower Upper

82 100

128 39.5 40.6 61.0#

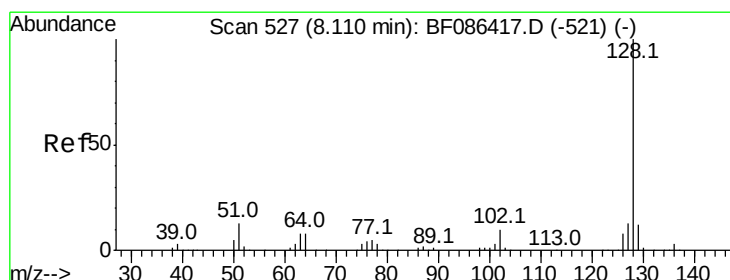
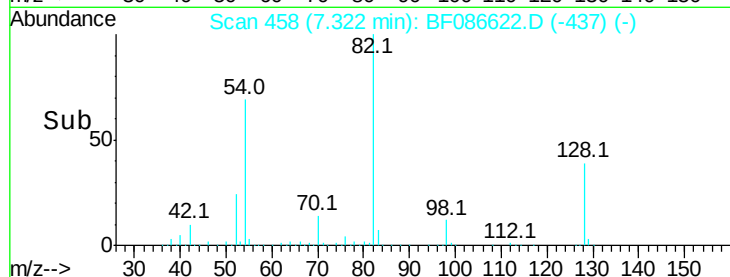
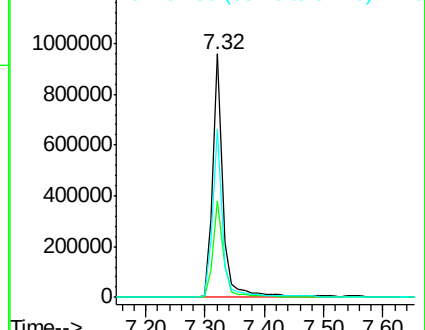
54 68.9 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 12.87 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF086622.D

Acq: 2 May 2016 17:26

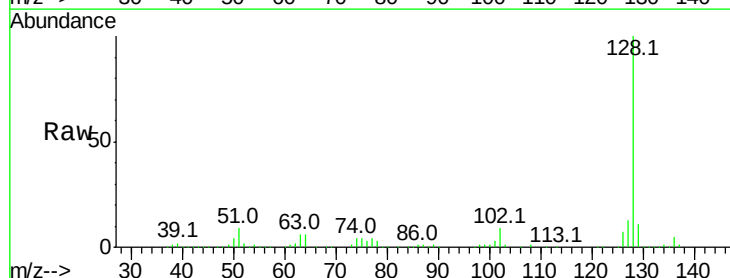
Tgt Ion:128 Resp: 473889

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

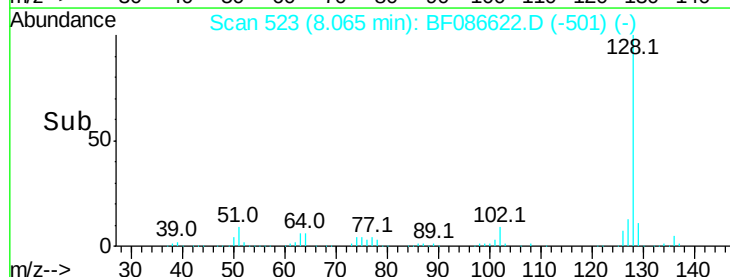
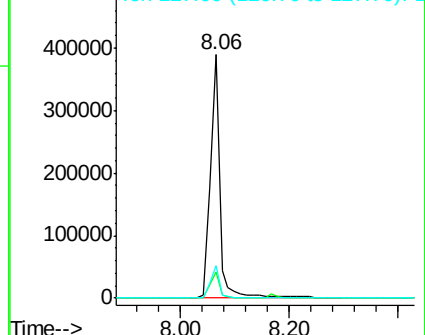
127 13.1 10.8 16.2

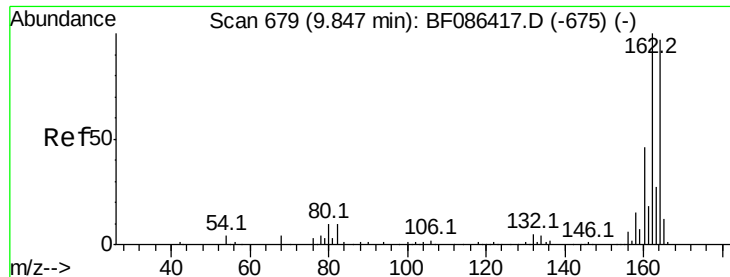


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

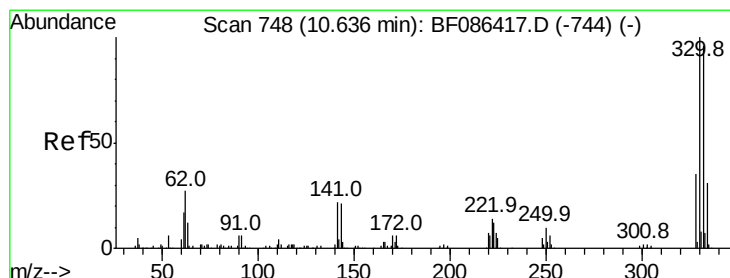
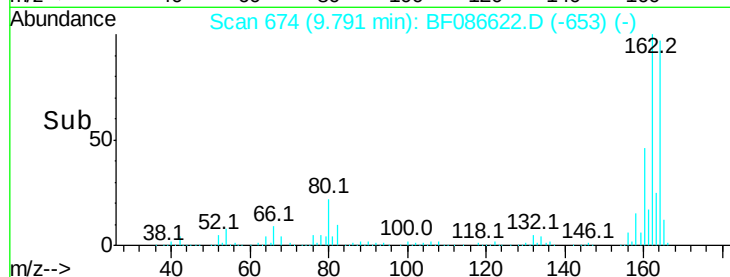
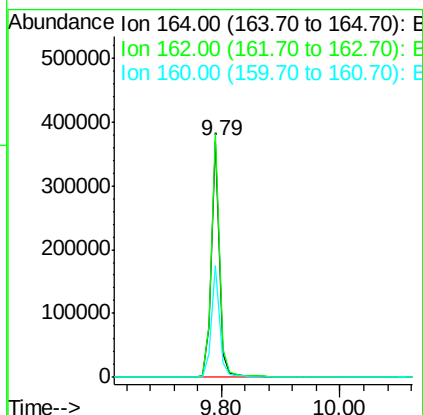
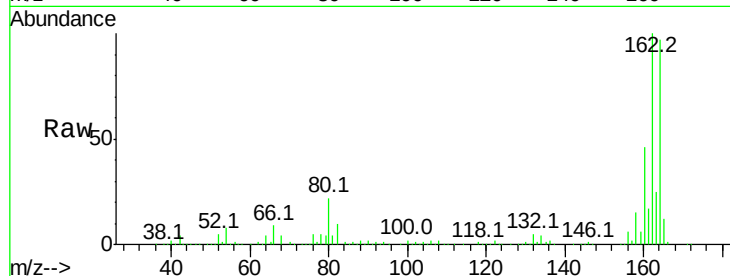




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086622.D
 Acq: 2 May 2016 17:26

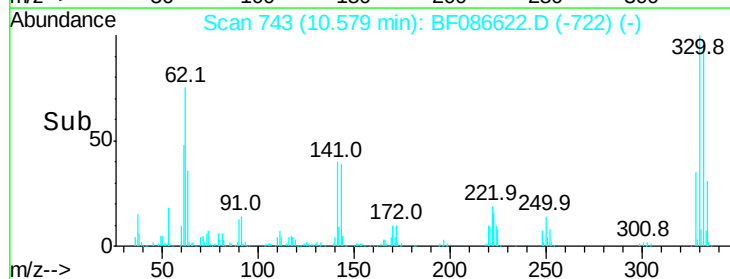
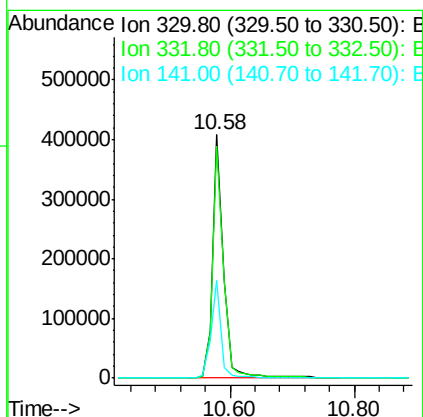
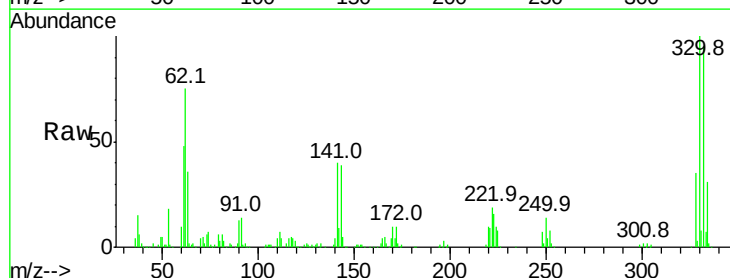
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-1(0-6FTBGS)

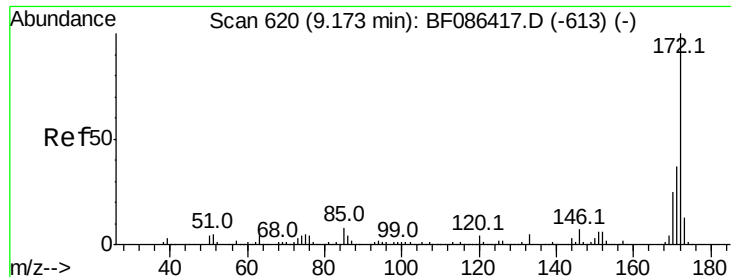
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	47.2	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 132.14 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086622.D
 Acq: 2 May 2016 17:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	37.3	31.2	46.8

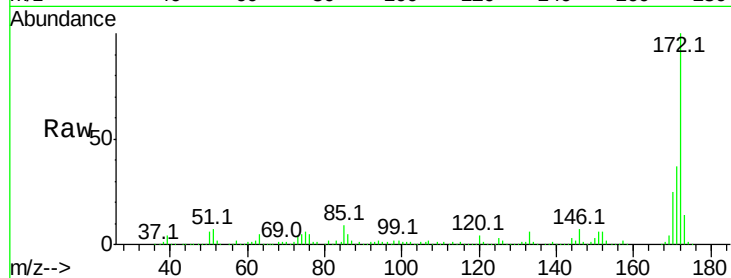




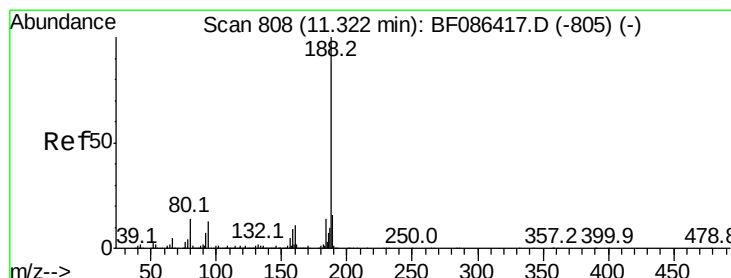
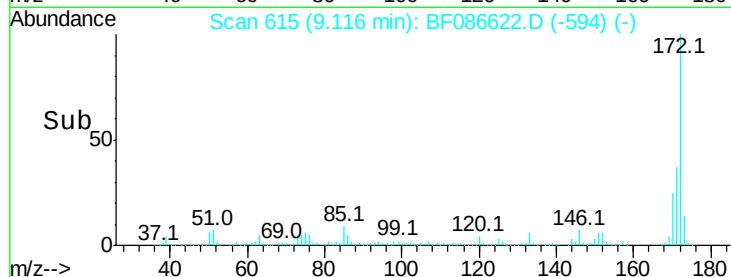
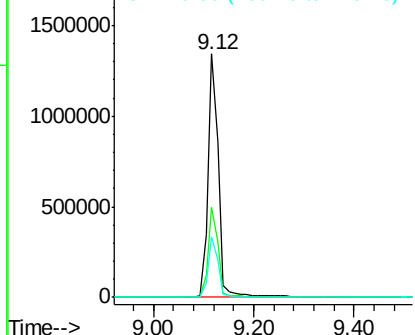
#44
 2-Fluorobiphenyl
 Concen: 97.77 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086622.D
 Acq: 2 May 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-1(0-6FTBGS)

Tot Ion:172 Resp: 1925118
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 19.8 29.8

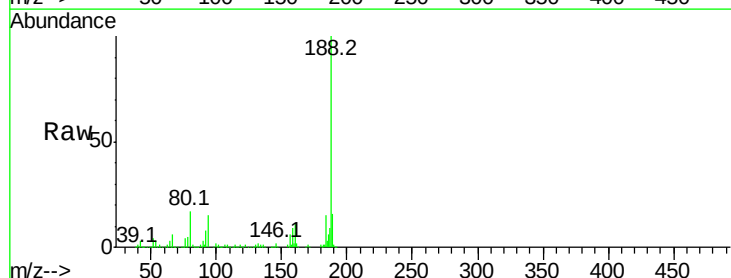


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

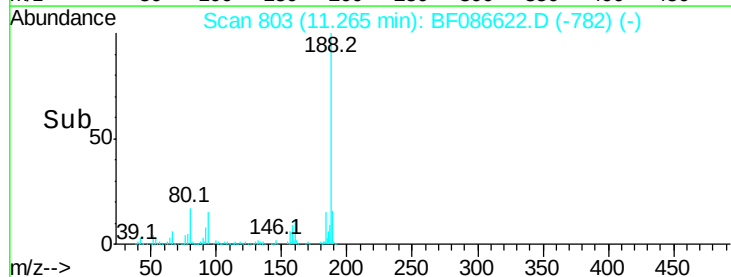
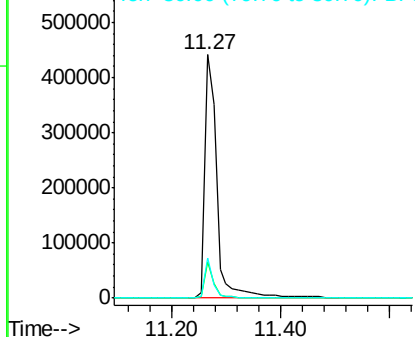


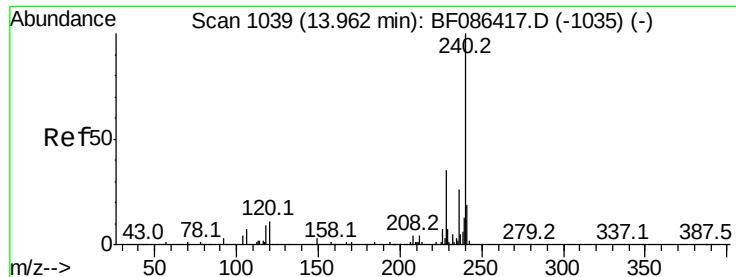
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086622.D
 Acq: 2 May 2016 17:26

Tgt Ion:188 Resp: 674388
 Ion Ratio Lower Upper
 188 100
 94 14.9 6.8 10.2#
 80 16.6 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: BF086622.D

Acq: 2 May 2016 17:26

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-1(0-6FTBGS)

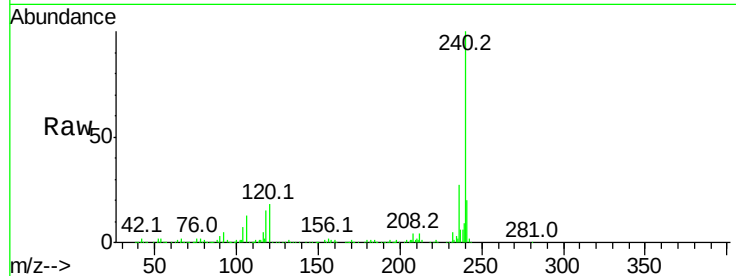
Tot Ion:240 Resp: 595120

Ion Ratio Lower Upper

240 100

120 17.7 11.2 16.8#

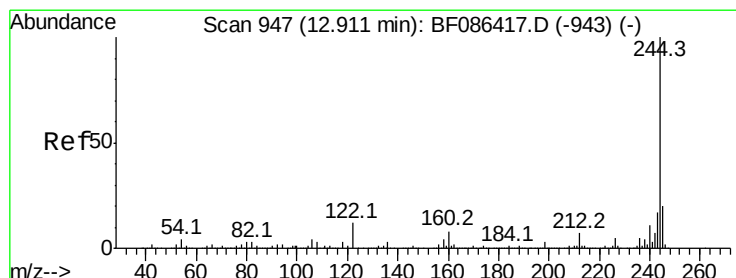
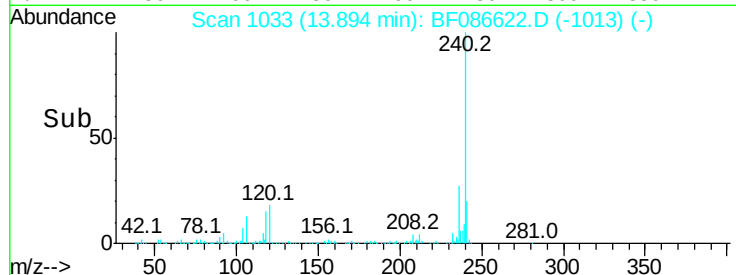
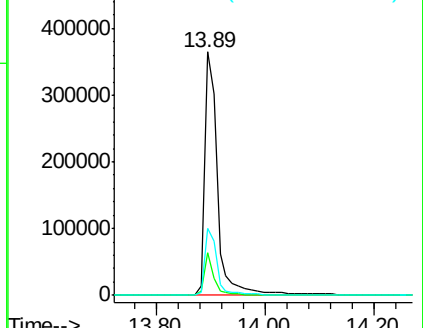
236 27.3 21.2 31.8



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: 83.65 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086622.D

Acq: 2 May 2016 17:26

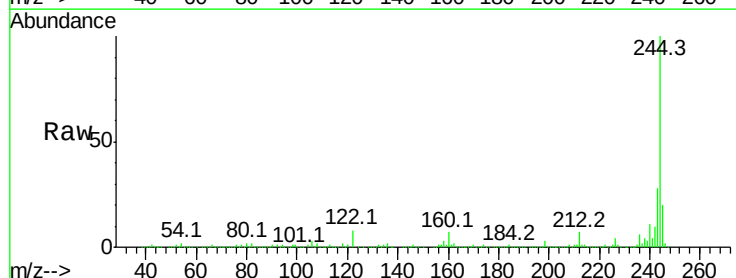
Tgt Ion:244 Resp: 2259734

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

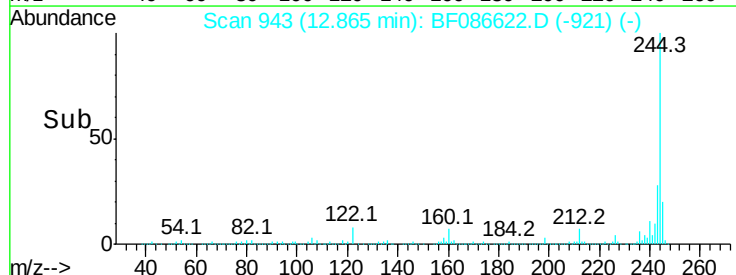
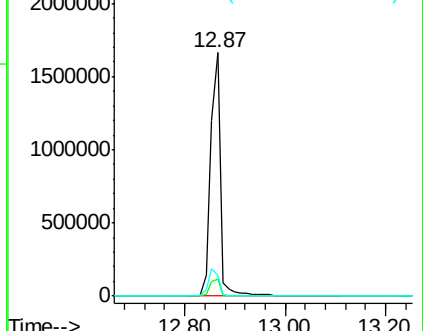
122 8.4 12.0 18.0#

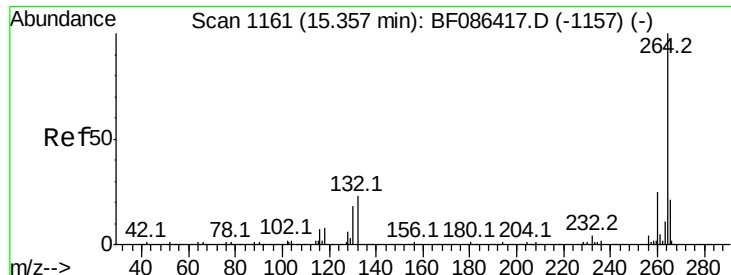


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

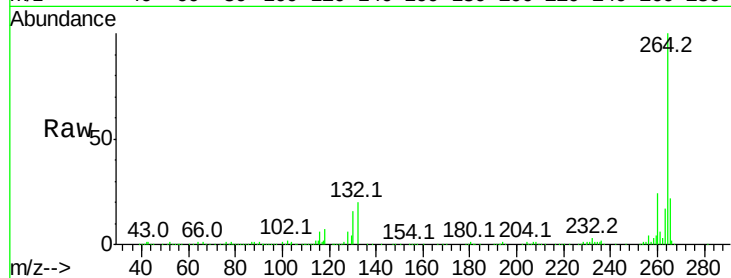




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086622.D
Acq: 2 May 2016 17:26

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-1(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.8	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

