

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086653.D
 Acq On : 3 May 2016 19:19
 Operator : UM/SJ
 Sample : H2685-11 4X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Quant Time: May 04 04:50:38 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

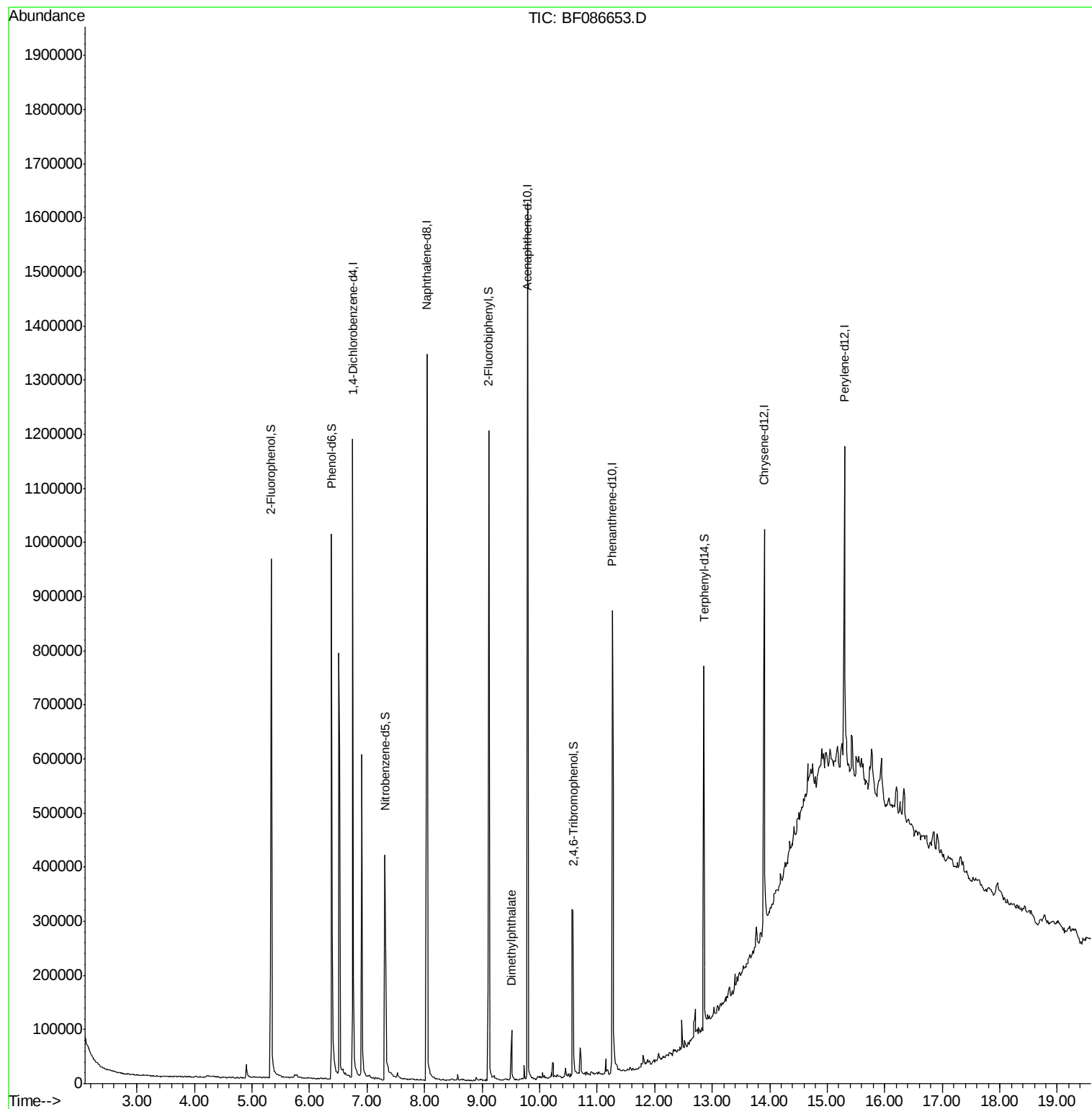
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168291	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	669940	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	292640	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	412122	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	353199	20.00	ng	-0.06
86) Perylene-d12	15.30	264	286596	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	255234	26.16	ng	-0.06
7) Phenol-d6	6.38	99	353141	25.93	ng	-0.06
23) Nitrobenzene-d5	7.31	82	196355	15.80	ng	-0.07
41) 2,4,6-Tribromophenol	10.58	330	53723	17.41	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	355937	13.71	ng	-0.06
78) Terphenyl-d14	12.85	244	221522	13.82	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	44997	2.04	ng	99

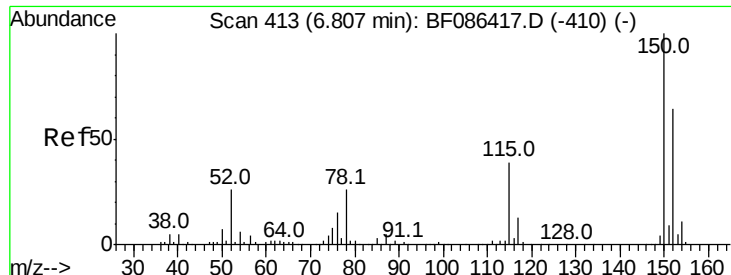
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086653.D

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Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

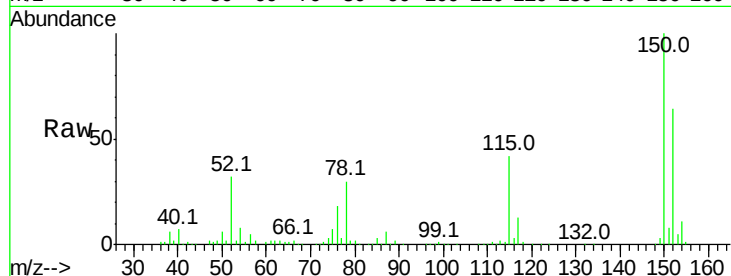
Tot Ion:152 Resp: 168291

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

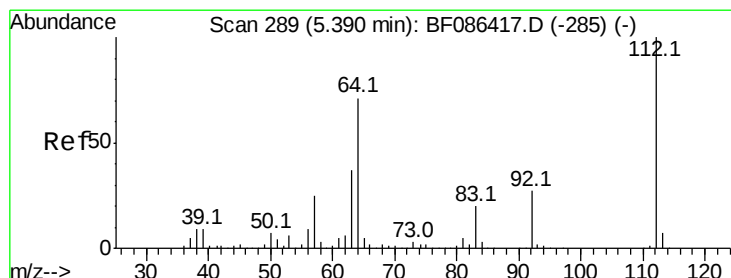
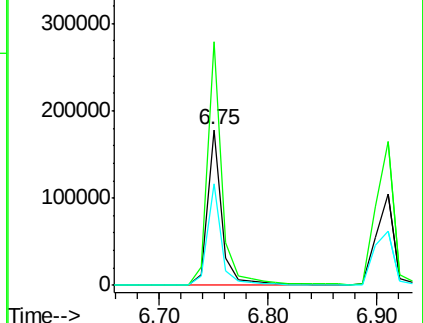
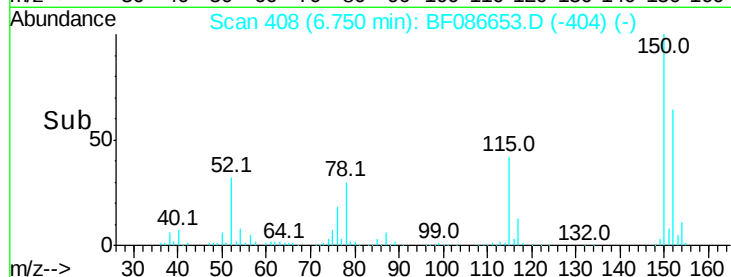
115 64.9 51.5 77.3



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: 26.16 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

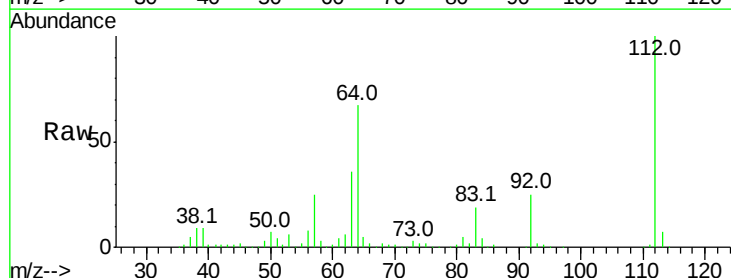
Tgt Ion:112 Resp: 255234

Ion Ratio Lower Upper

112 100

64 67.4 52.1 78.1

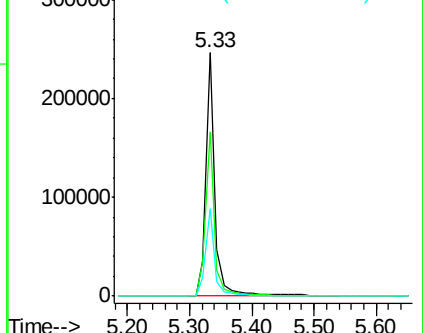
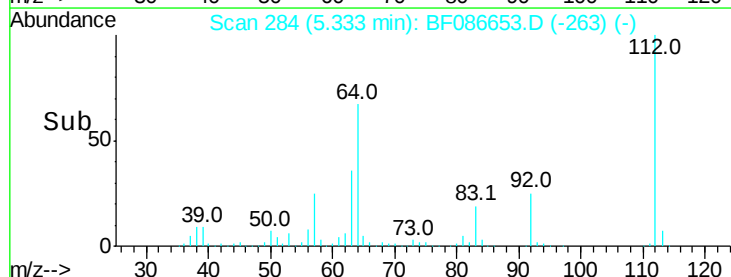
63 35.8 25.7 38.5



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: 25.93 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

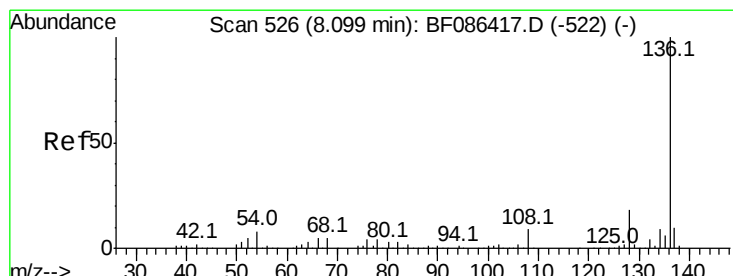
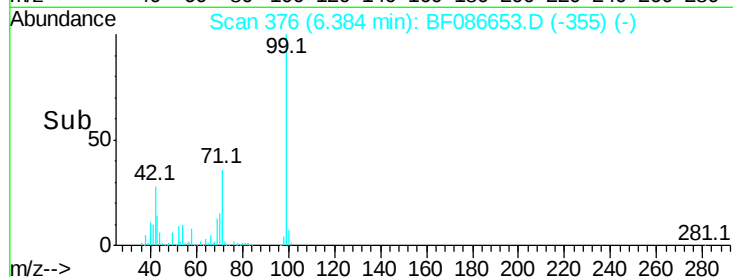
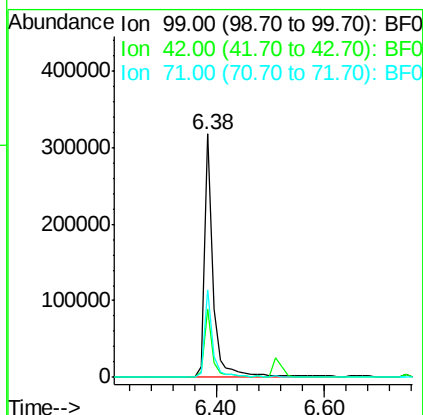
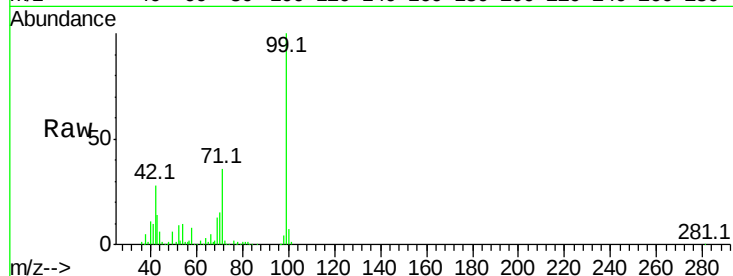
Tot Ion: 99 Resp: 353141

Ion Ratio Lower Upper

99 100

42 28.2 13.6 20.4#

71 35.7 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: BF086653.D

Acq: 3 May 2016 19:19

Tgt Ion: 136 Resp: 669940

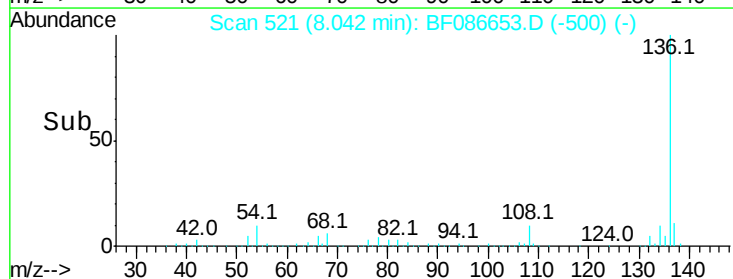
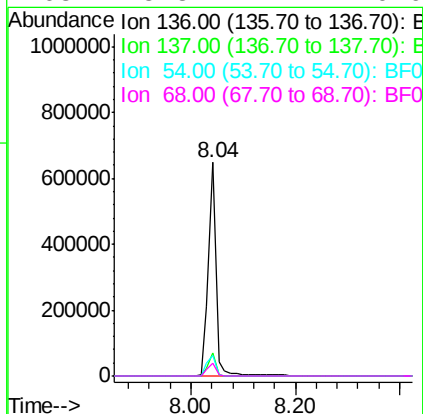
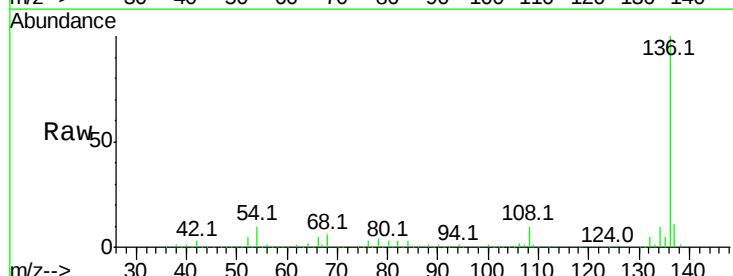
Ion Ratio Lower Upper

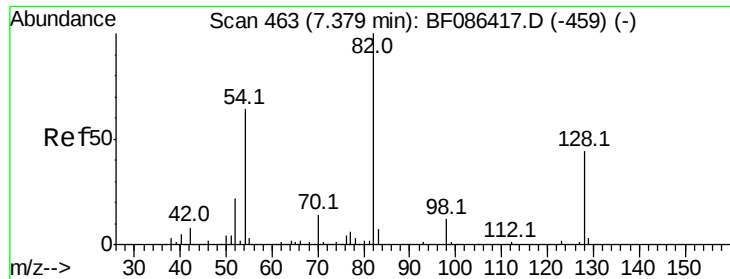
136 100

137 11.0 8.8 13.2

54 9.6 5.0 7.4#

68 5.8 4.4 6.6

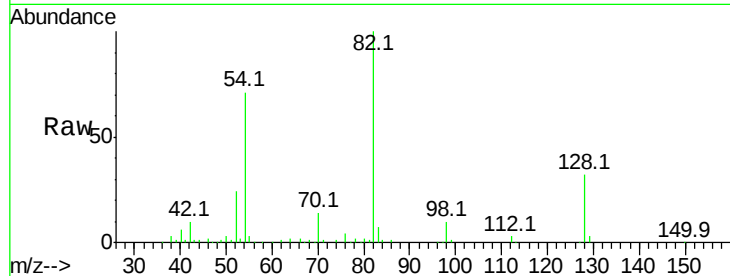




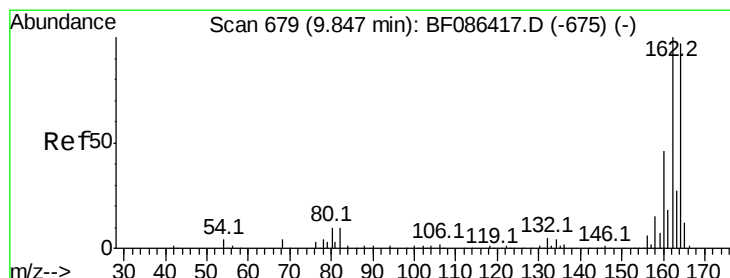
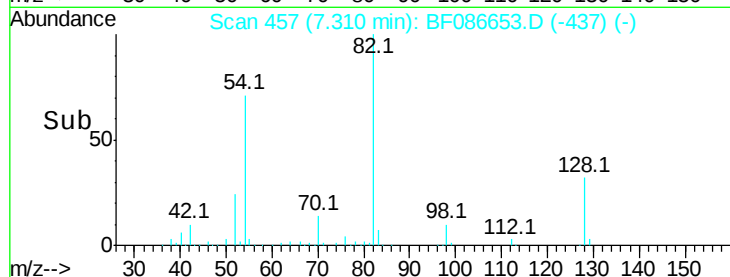
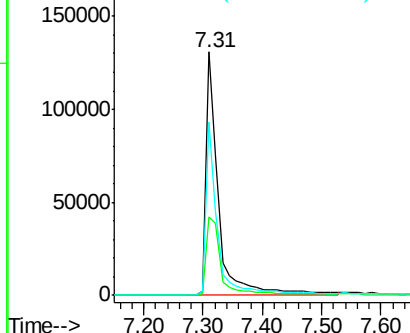
#23
 Nitrobenzene-d5
 Concen: 15.80 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.07 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Tot Ion	82	Resp	196355
Ion Ratio	100		
Lower	40.6		
Upper	61.0		
54	71.1	38.1	57.1

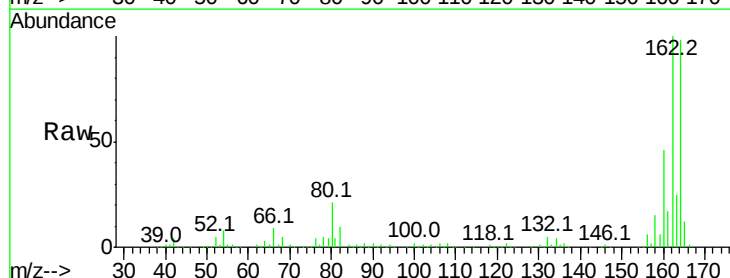


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

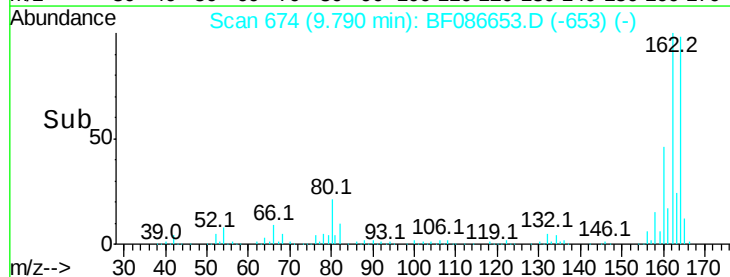
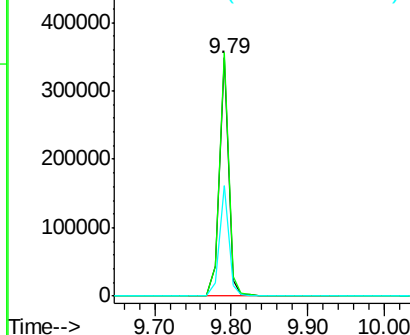


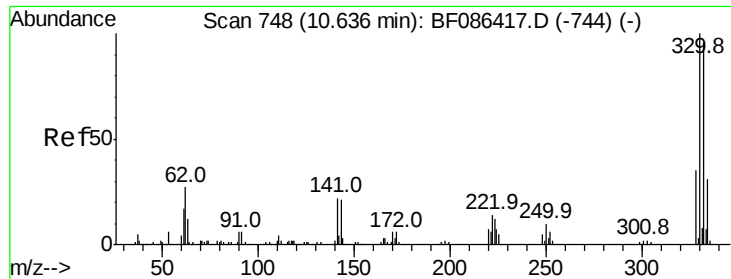
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Tgt Ion	164	Resp	292640
Ion Ratio	100		
Lower	82.8		
Upper	124.2		
162	102.3	36.9	55.3



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

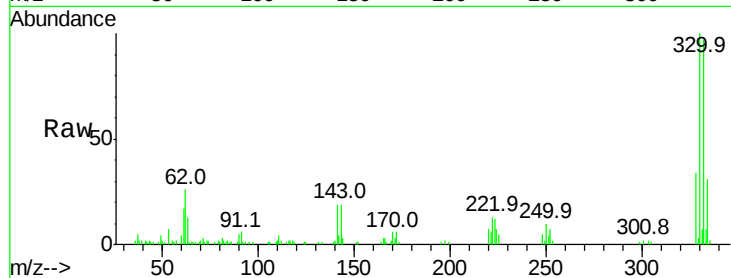




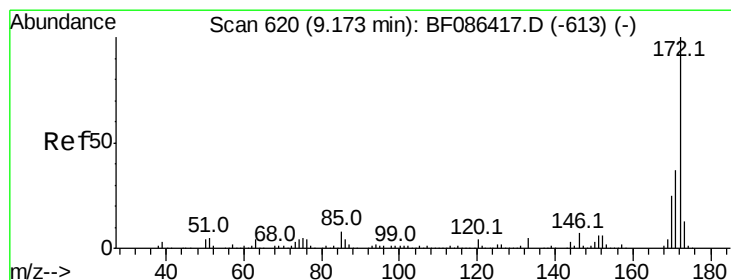
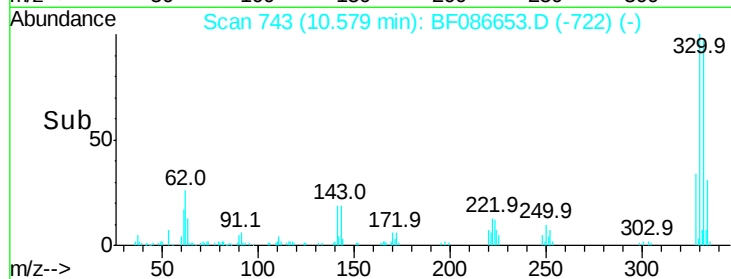
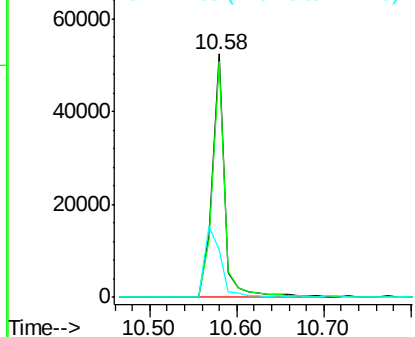
#41
 2,4,6-Tribromophenol
 Concen: 17.41 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)

Tot Ion:330 Resp: 53723
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 36.4 31.2 46.8

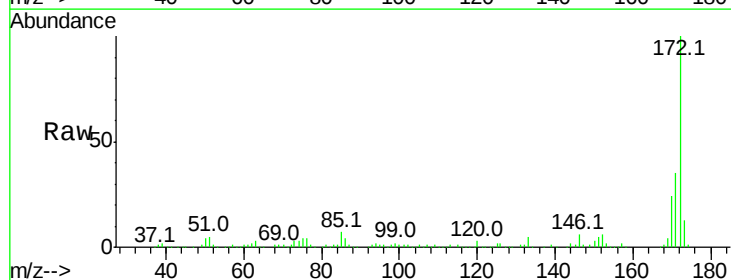


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

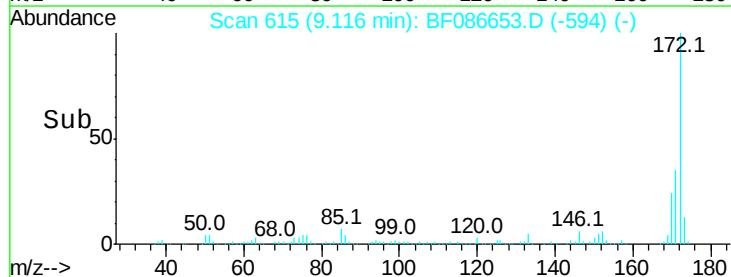
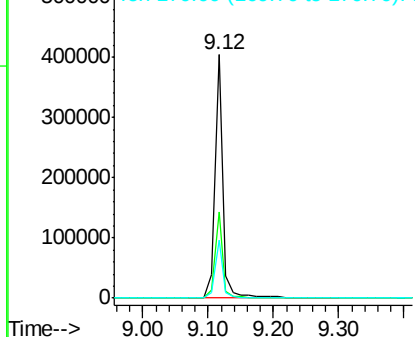


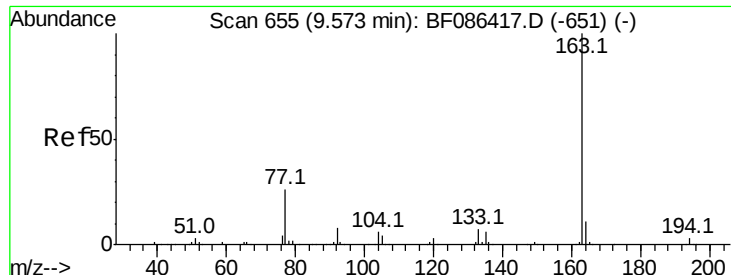
#44
 2-Fluorobiphenyl
 Concen: 13.71 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086653.D
 Acq: 3 May 2016 19:19

Tgt Ion:172 Resp: 355937
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.6 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





#49

Dimethylphthalate

Concen: 2.04 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)

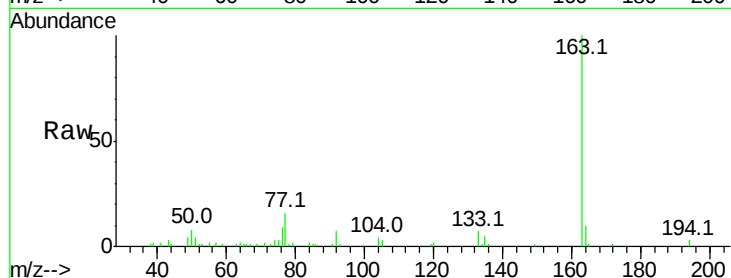
Tot Ion:163 Resp: 44997

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

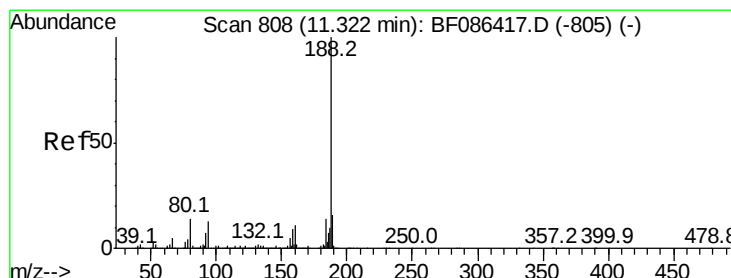
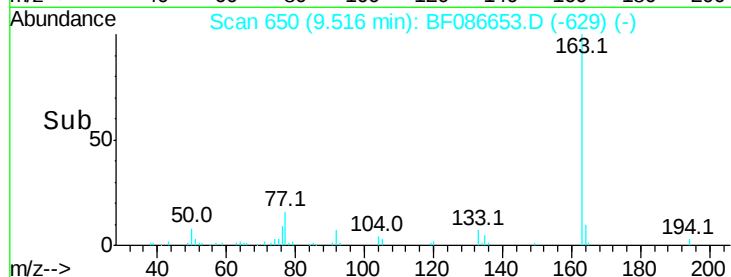
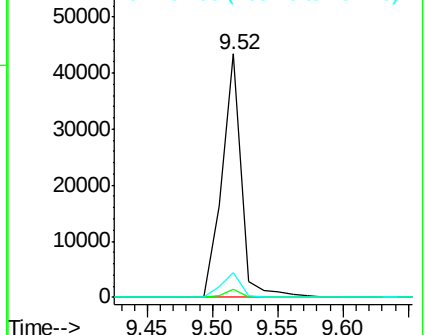
164 10.0 8.2 12.4



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: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

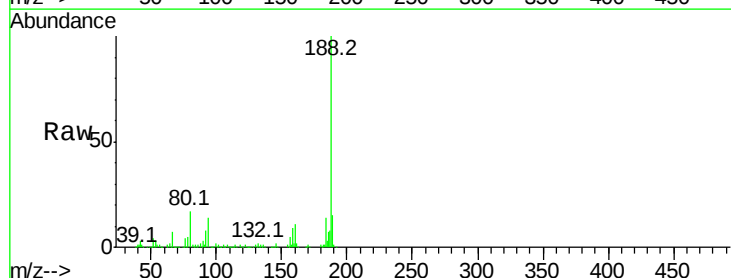
Tgt Ion:188 Resp: 412122

Ion Ratio Lower Upper

188 100

94 14.4 6.8 10.2#

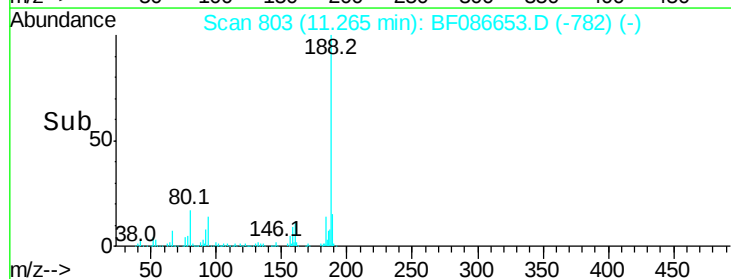
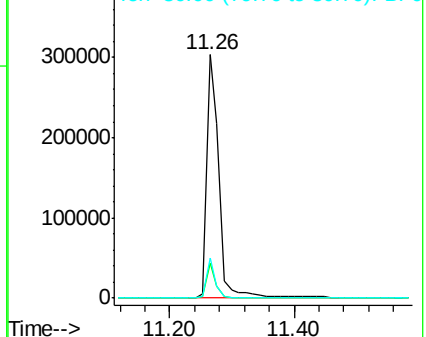
80 16.7 7.1 10.7#

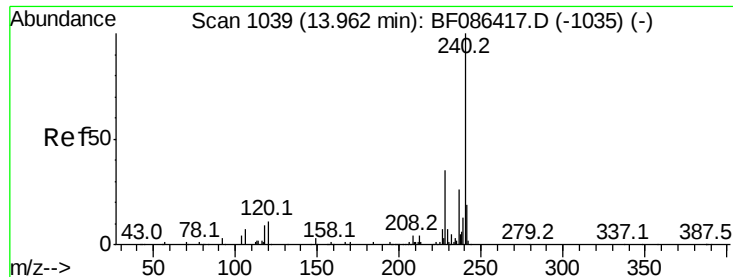


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

Instrument :

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26WARD-2B-CS-5(10-20FTBGS)

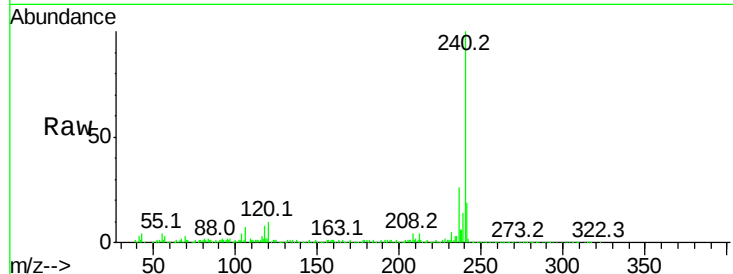
Tot Ion:240 Resp: 353199

Ion Ratio Lower Upper

240 100

120 9.7 11.2 16.8#

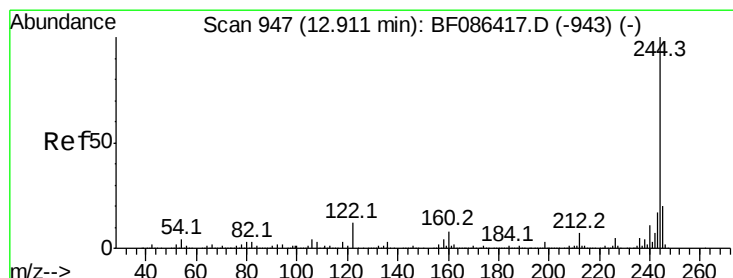
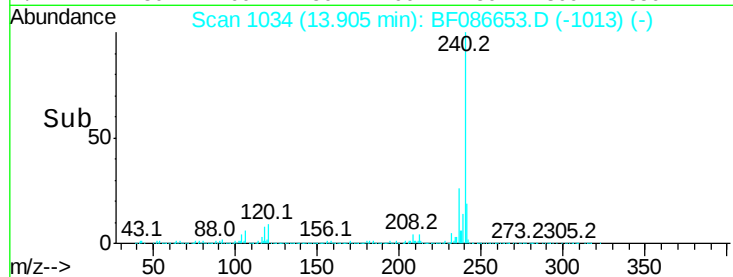
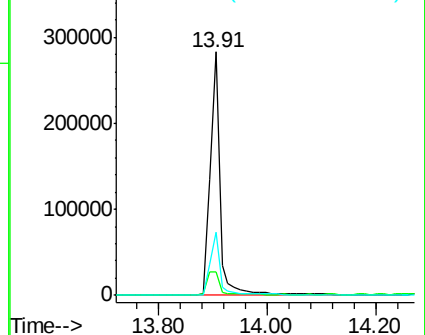
236 26.1 21.2 31.8



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: 13.82 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086653.D

Acq: 3 May 2016 19:19

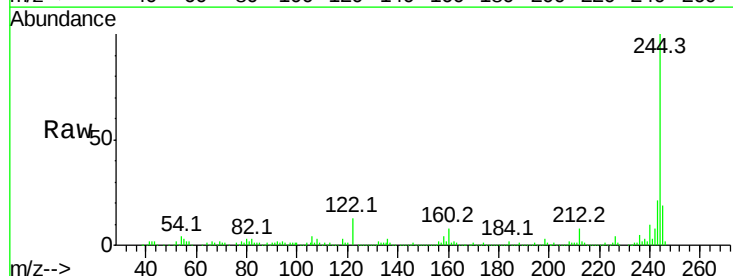
Tgt Ion:244 Resp: 221522

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

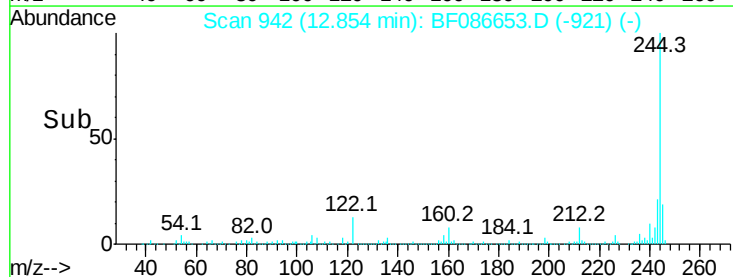
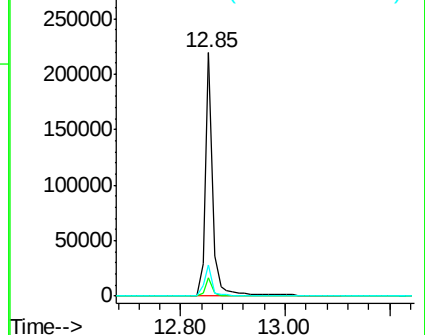
122 12.6 12.0 18.0

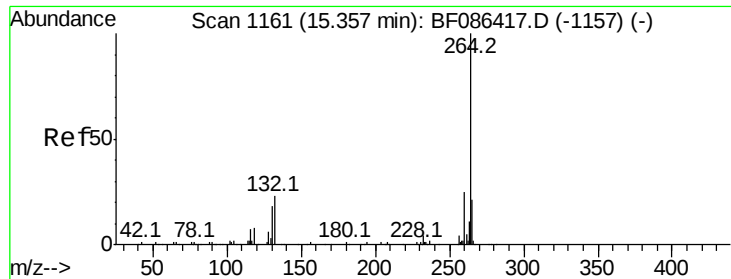


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086653.D
Acq: 3 May 2016 19:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.0	17.3	25.9

