

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086660.D
 Acq On : 3 May 2016 23:57
 Operator : UM/SJ
 Sample : H2716-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

Quant Time: May 04 05:36:15 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

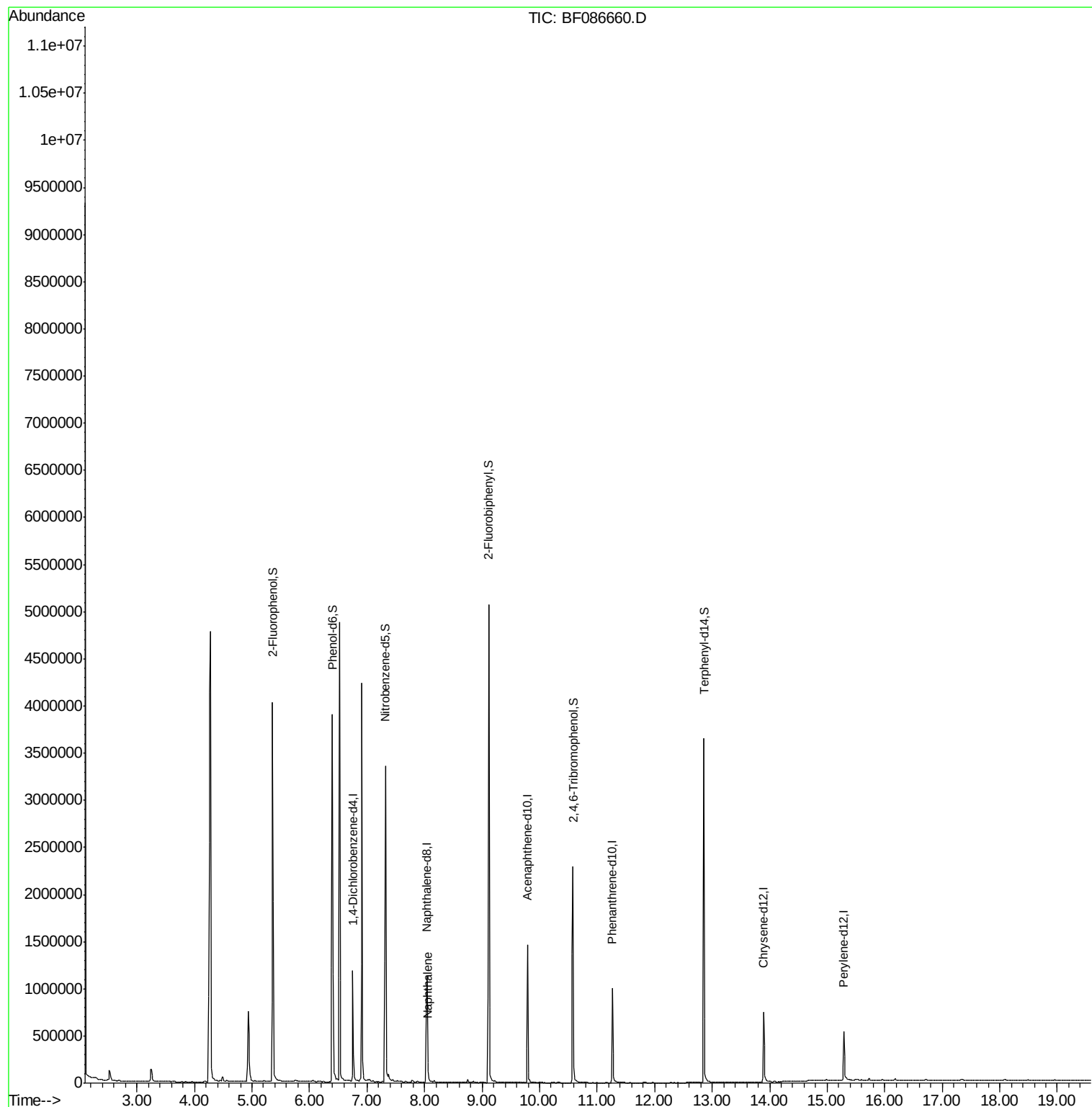
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	169203	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	656800	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	278976	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	399700	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	326371	20.00	ng	-0.07
86) Perylene-d12	15.29	264	254259	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1248882	127.31	ng	-0.03
7) Phenol-d6	6.40	99	1468326	107.25	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1151450	94.50	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	331382	112.64	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1511507	97.86	ng	-0.06
78) Terphenyl-d14	12.85	244	1116006	75.33	ng	-0.06
Target Compounds						
31) Naphthalene	8.05	128	80170	2.40	ng	Qvalue 99

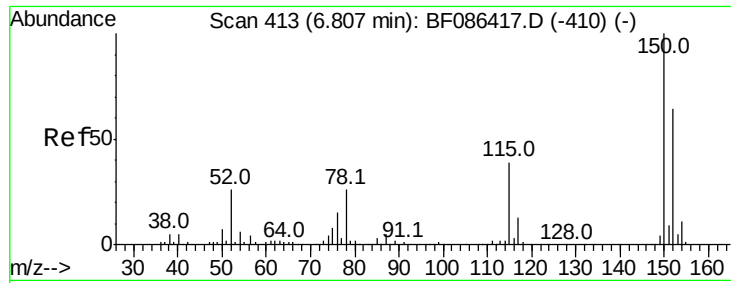
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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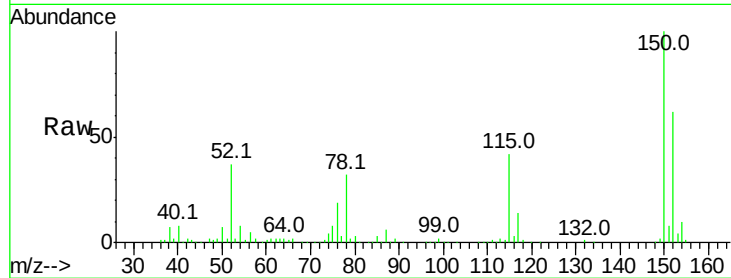


#1

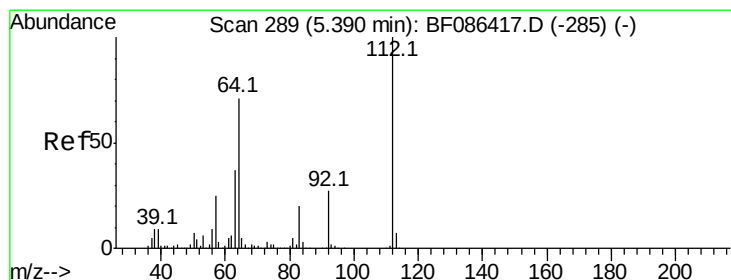
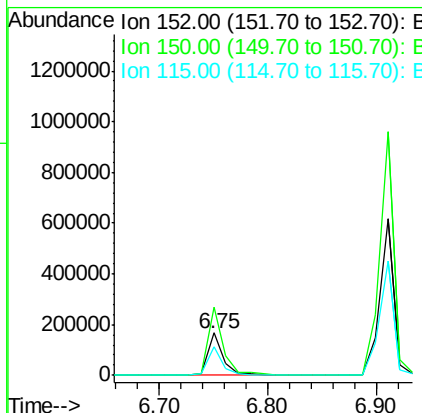
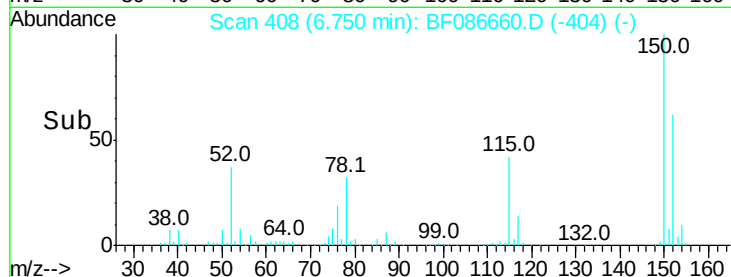
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086660.D
Acq: 3 May 2016 23:57

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tot Ion:152 Resp: 169203
Ion Ratio Lower Upper
152 100
150 160.1 125.8 188.6
115 67.6 51.5 77.3



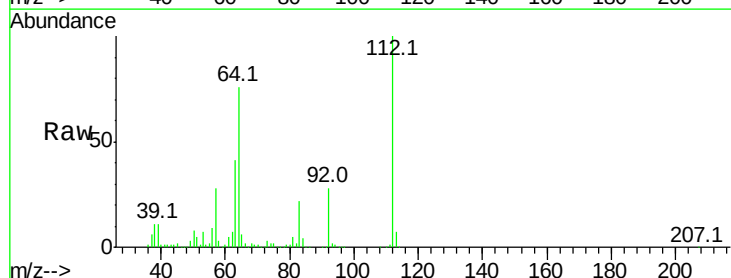
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



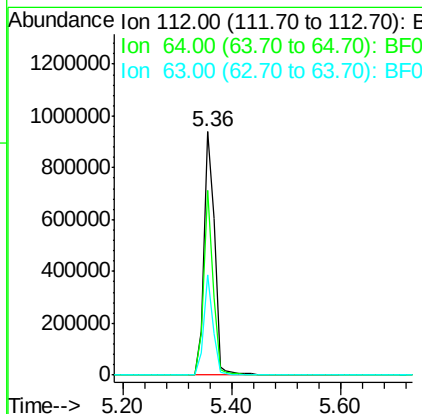
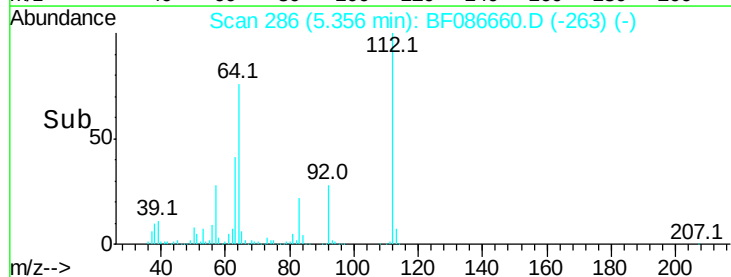
#5

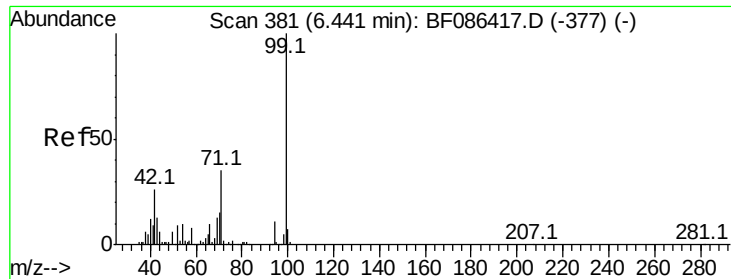
2-Fluorophenol
Concen: 127.31 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086660.D
Acq: 3 May 2016 23:57

Tgt Ion:112 Resp: 1248882
Ion Ratio Lower Upper
112 100
64 75.8 52.1 78.1
63 41.0 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: 107.25 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

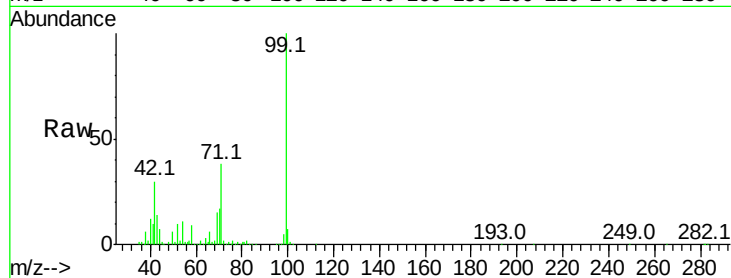
Tot Ion: 99 Resp: 1468326

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

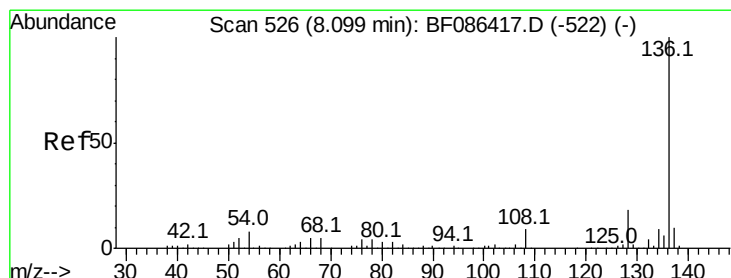
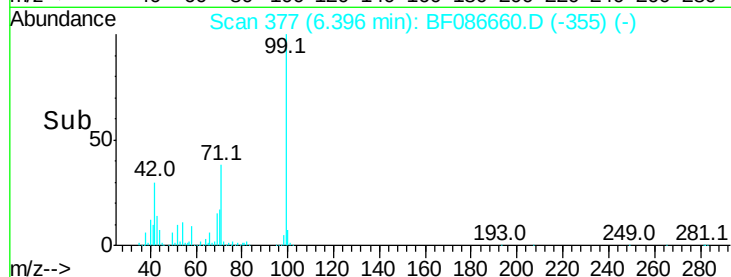
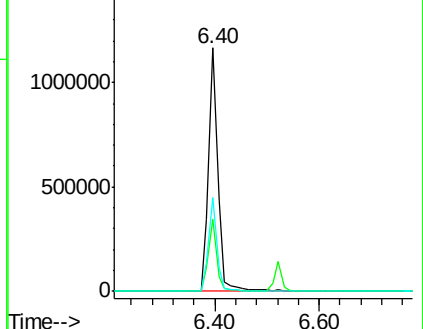
71 38.5 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

Tgt Ion: 136 Resp: 656800

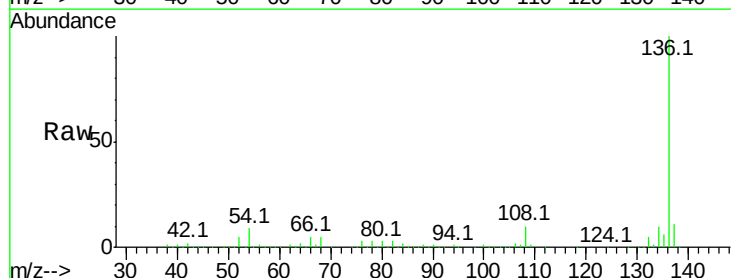
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.6 5.0 7.4#

68 5.1 4.4 6.6

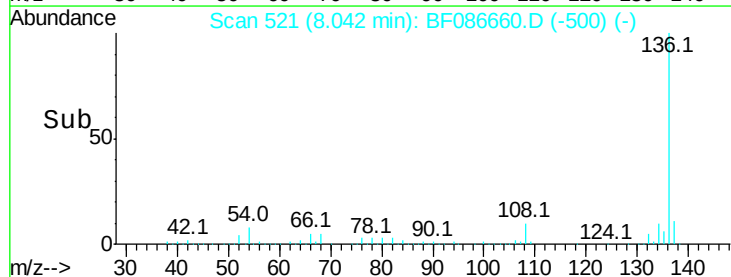
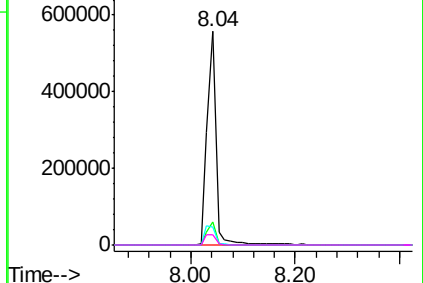


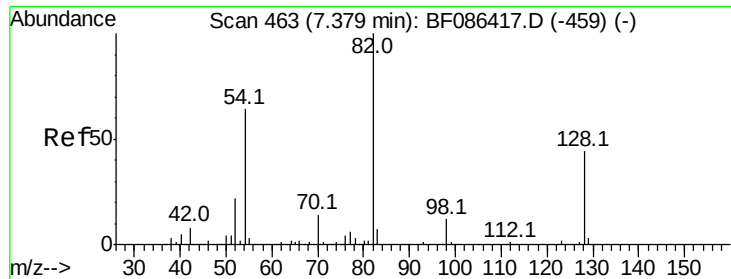
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

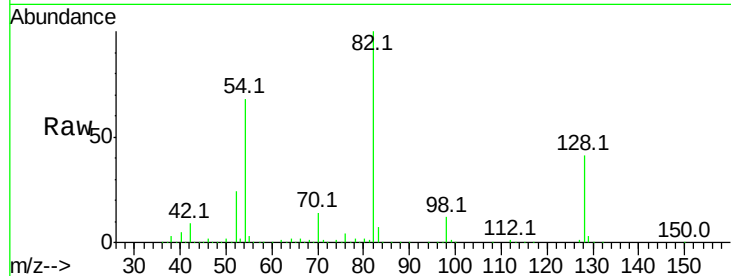




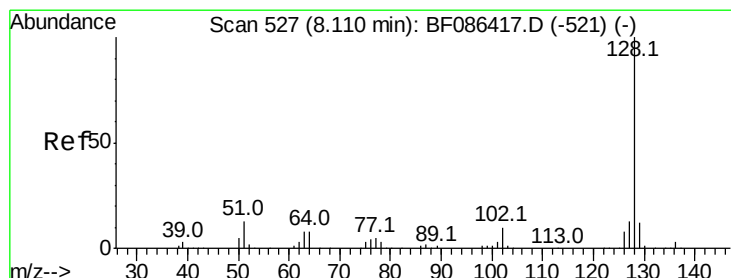
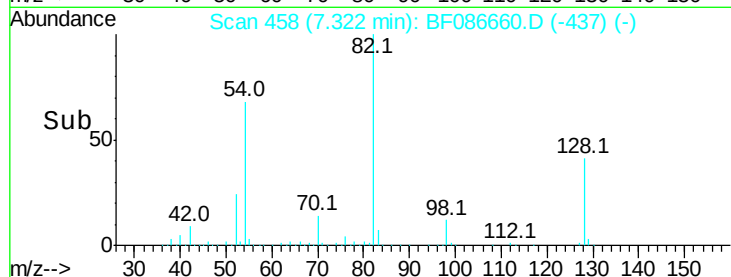
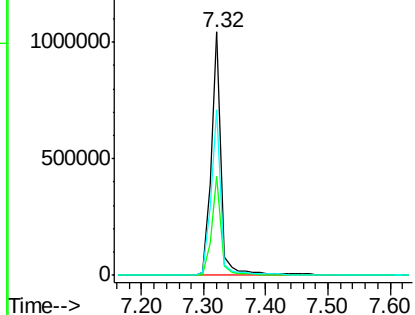
#23
Nitrobenzene-d5
Concen: 94.50 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086660.D
Acq: 3 May 2016 23:57

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tot Ion: 82 Resp: 1151450
Ion Ratio Lower Upper
82 100
128 40.7 40.6 61.0
54 67.8 38.1 57.1#

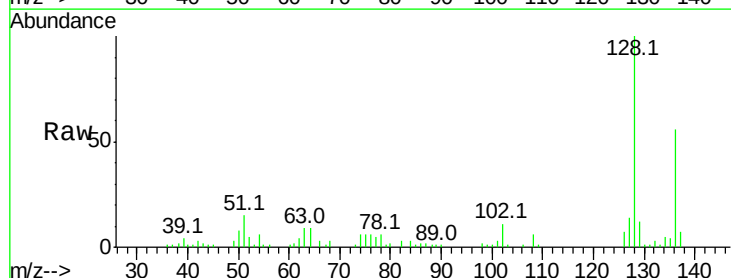


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

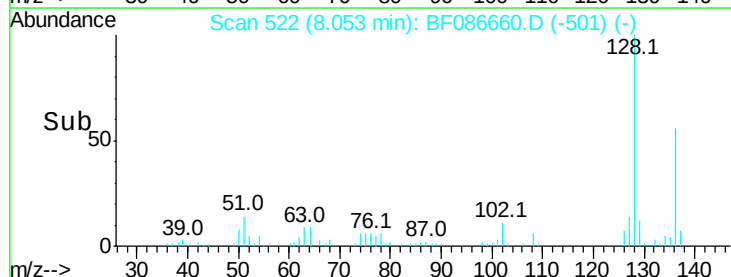
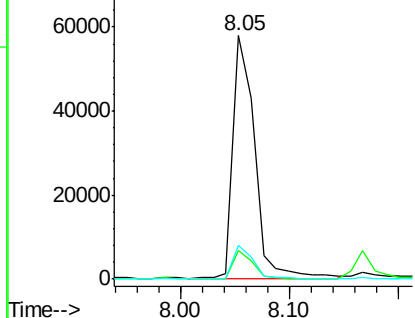


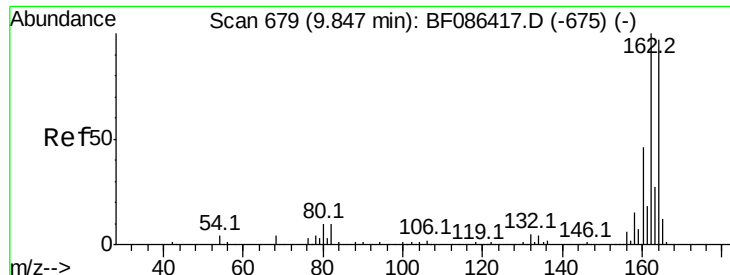
#31
Naphthalene
Concen: 2.40 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF086660.D
Acq: 3 May 2016 23:57

Tgt Ion: 128 Resp: 80170
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.8 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

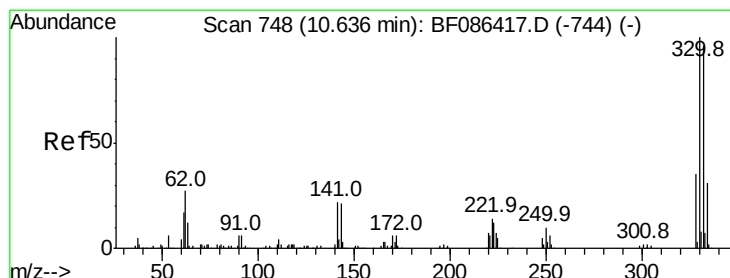
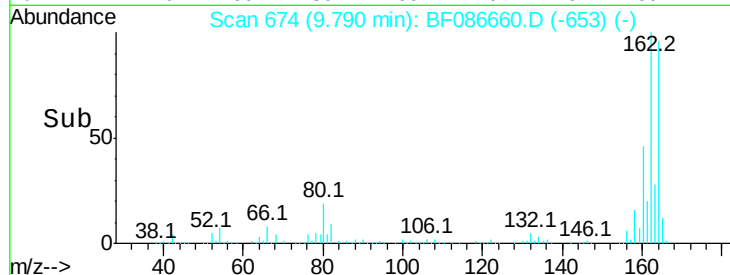
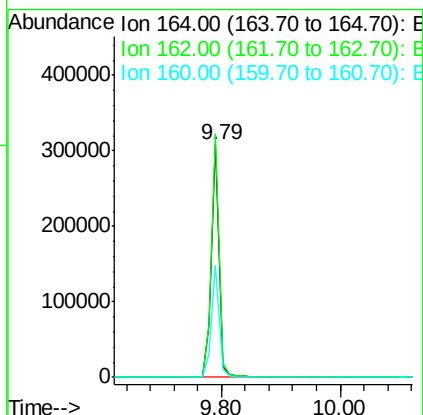
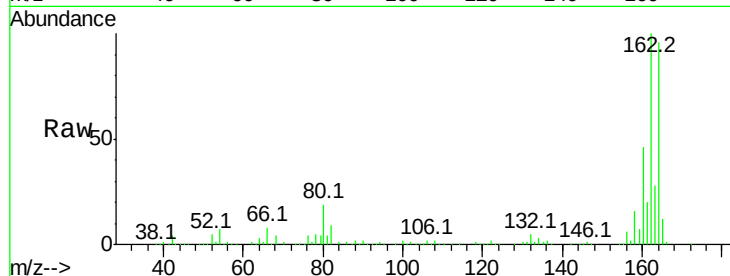




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

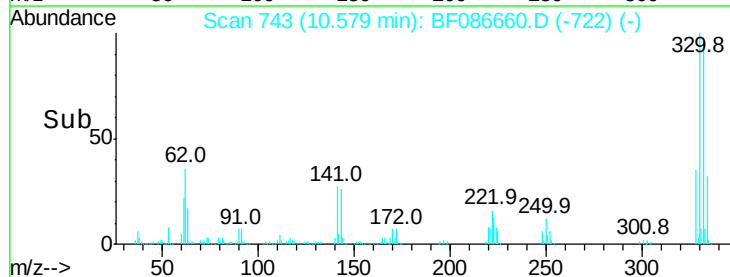
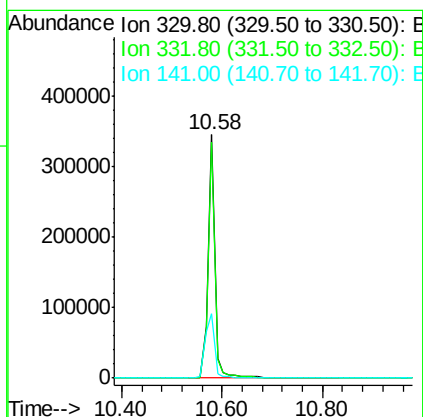
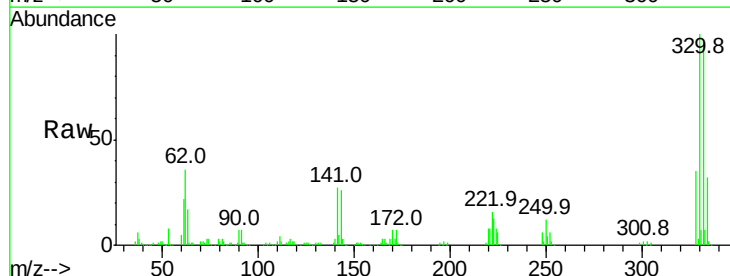
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

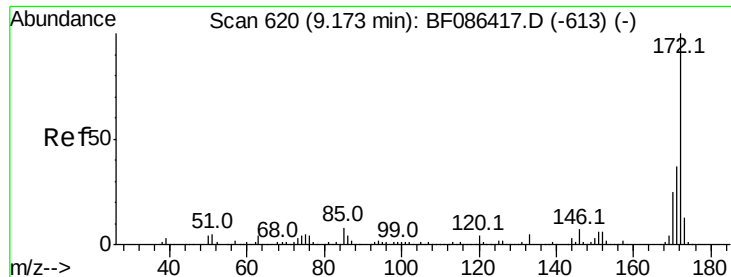
Tot Ion:164 Resp: 278976
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.8 124.2
 160 47.9 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 112.64 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Tgt Ion:330 Resp: 331382
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 36.4 31.2 46.8



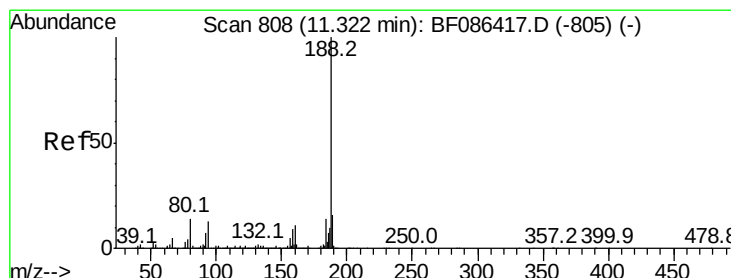
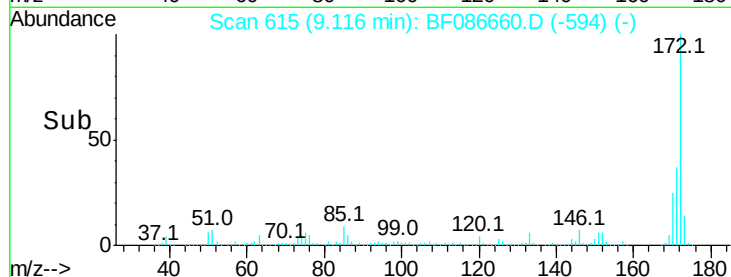
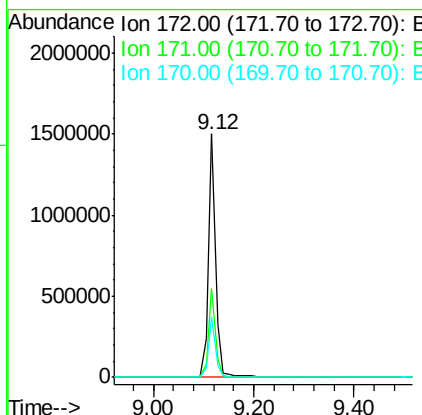
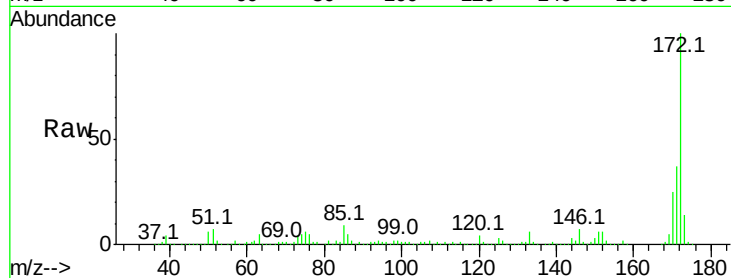


#44
 2-Fluorobiphenyl
 Concen: 97.86 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

Tot Ion:172 Resp: 1511507

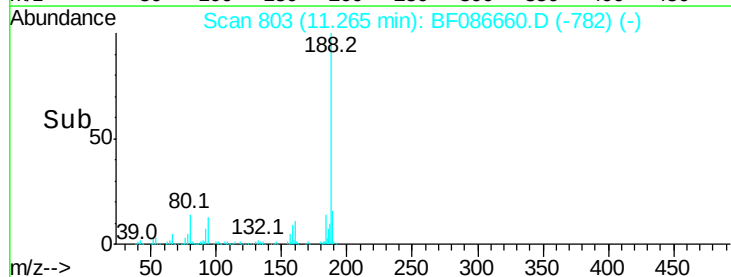
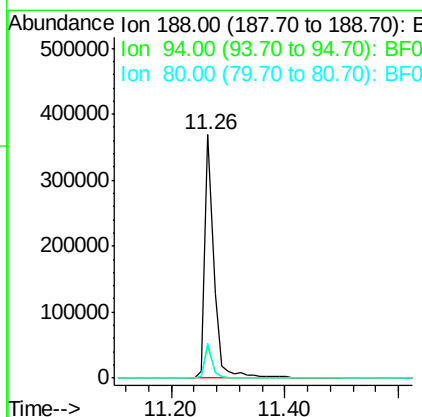
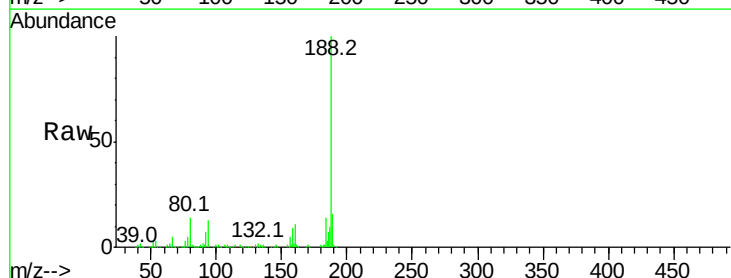
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.9	19.8	29.8

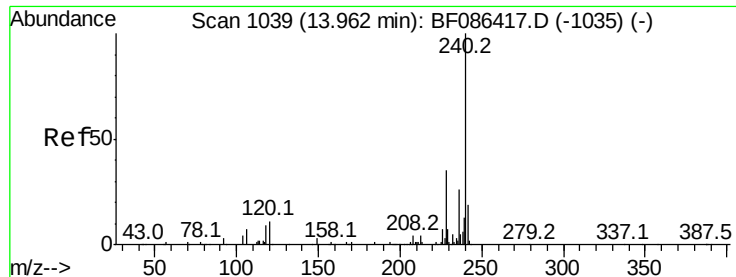


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Tgt Ion:188 Resp: 399700

Ion	Ratio	Lower	Upper
188	100		
94	13.1	6.8	10.2#
80	14.2	7.1	10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

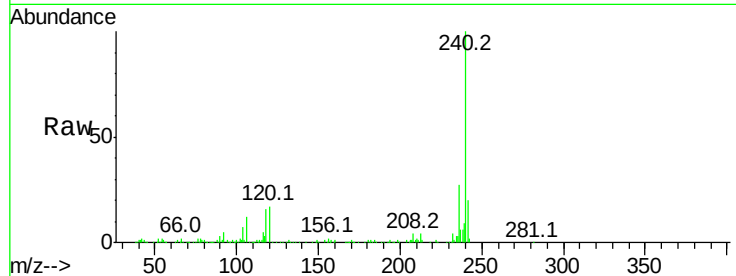
Tot Ion:240 Resp: 326371

Ion Ratio Lower Upper

240 100

120 17.4 11.2 16.8#

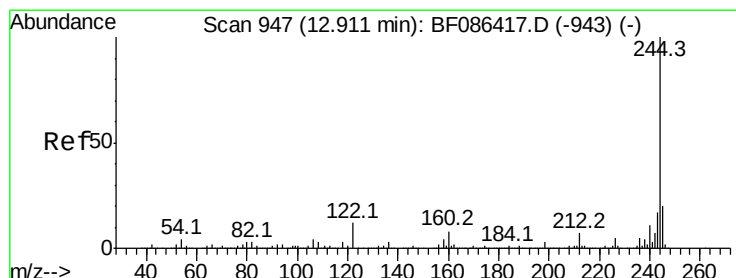
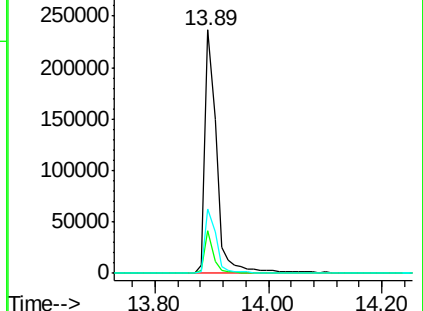
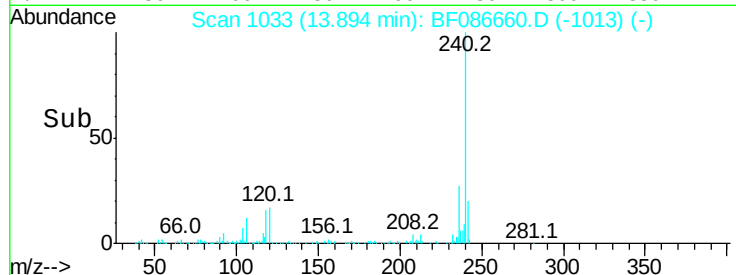
236 26.6 21.2 31.8



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: 75.33 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

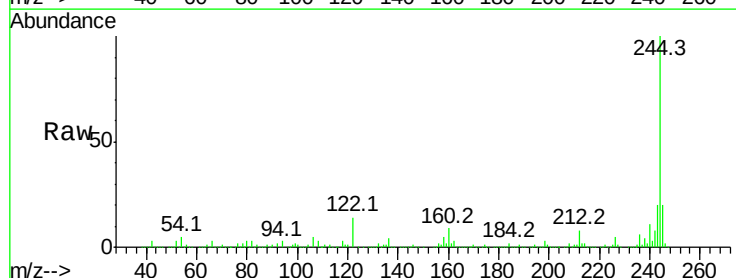
Tgt Ion:244 Resp: 1116006

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

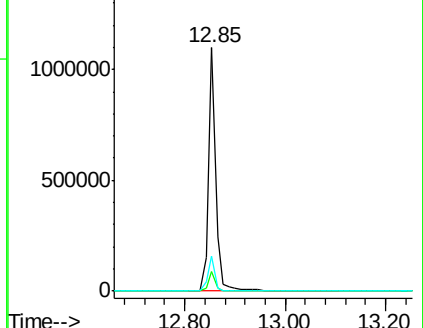
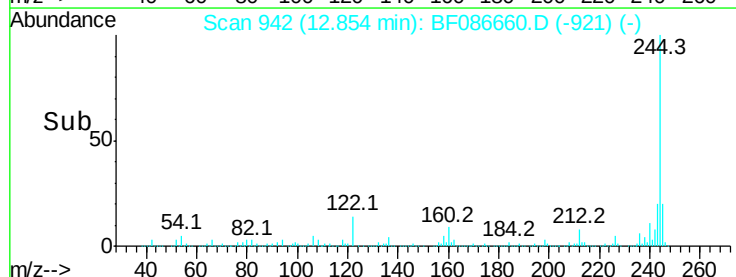
122 14.2 12.0 18.0

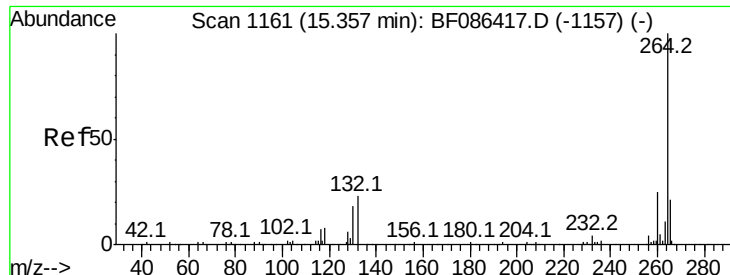


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

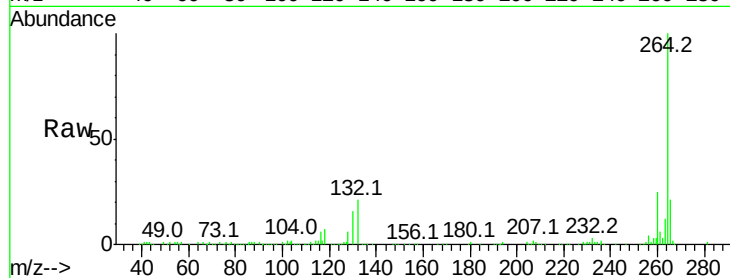




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.9	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

