

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084637.D
 Acq On : 29 Jan 2016 15:45
 Operator : SJ/IZ
 Sample : H1242-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW1

Quant Time: Jan 29 23:33:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

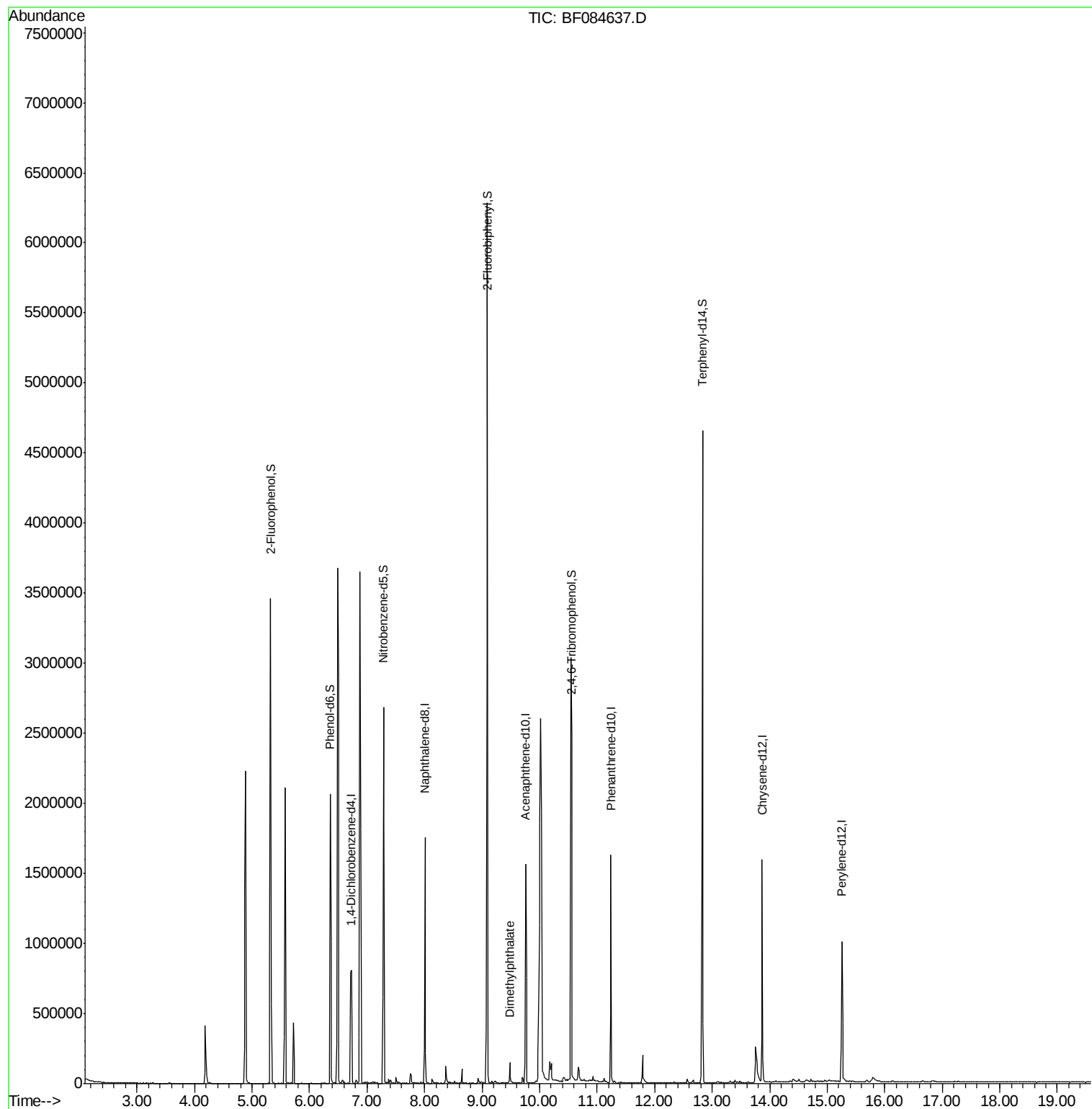
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179190	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	739347	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	341776	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	588316	20.00	ng	0.00
75) Chrysene-d12	13.87	240	516736	20.00	ng	0.00
86) Perylene-d12	15.25	264	445929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	947192	79.79	ng	0.01
7) Phenol-d6	6.36	99	782234	54.98	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1184389	89.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	575531	160.67	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2153689	93.66	ng	0.00
78) Terphenyl-d14	12.83	244	1408405	61.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	57731	2.25	ng	Qvalue # 89

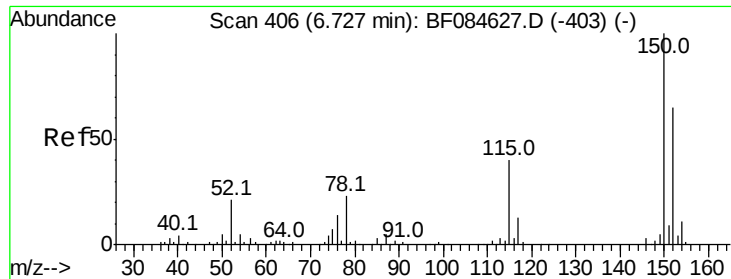
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:54:53 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

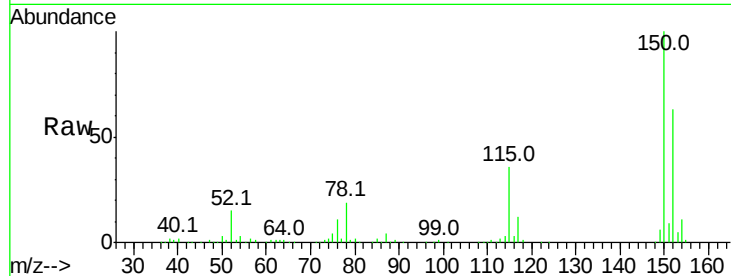
Tot Ion:152 Resp: 179190

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

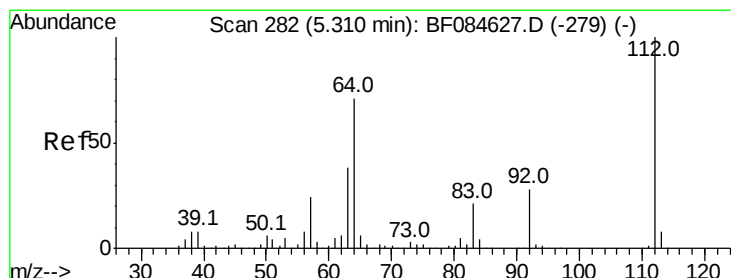
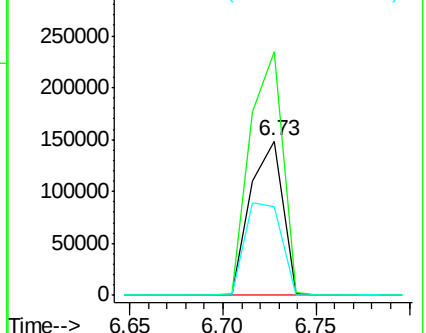
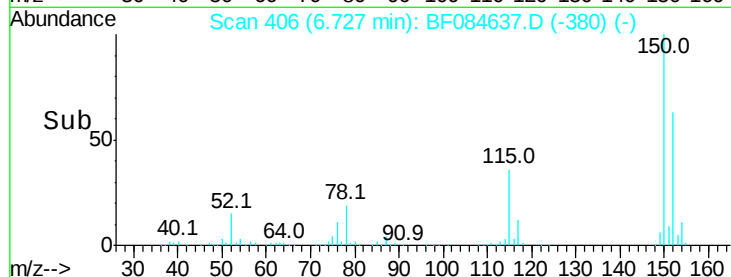
115 57.1 51.4 77.2



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: 79.79 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

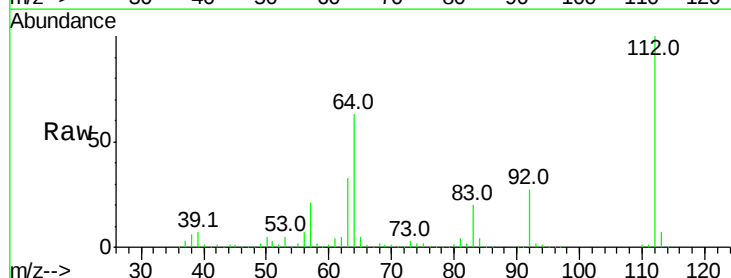
Tgt Ion:112 Resp: 947192

Ion Ratio Lower Upper

112 100

64 63.4 36.6 55.0#

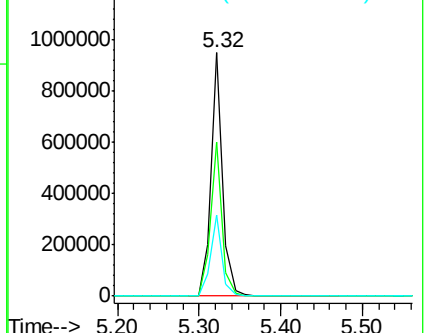
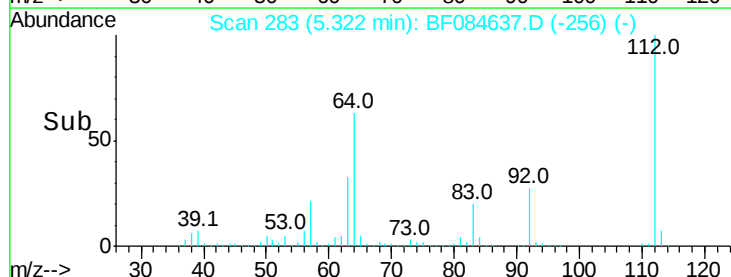
63 33.4 19.4 29.0#

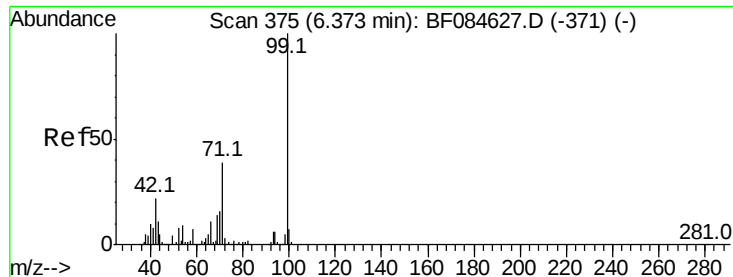


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 54.98 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

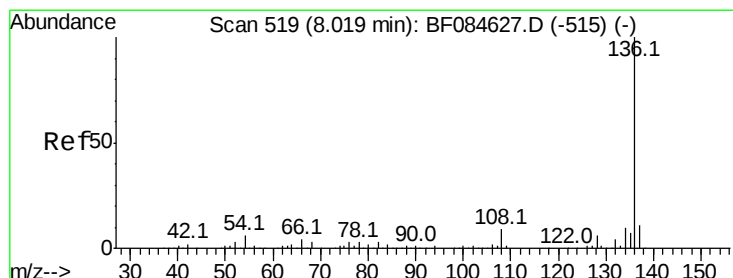
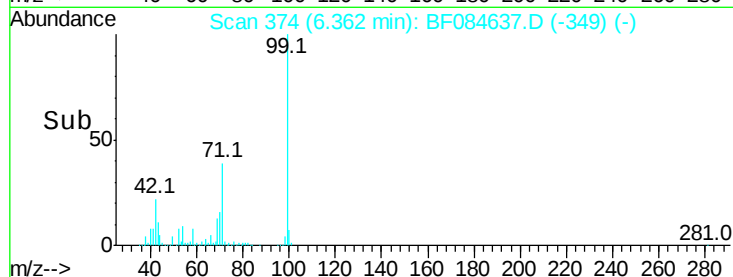
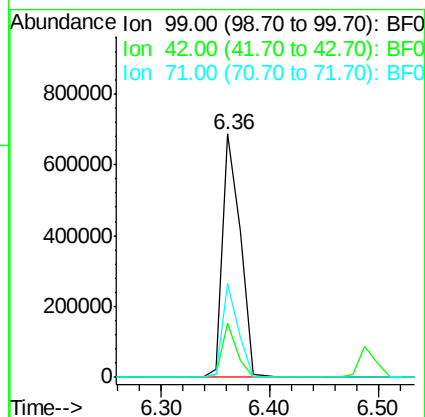
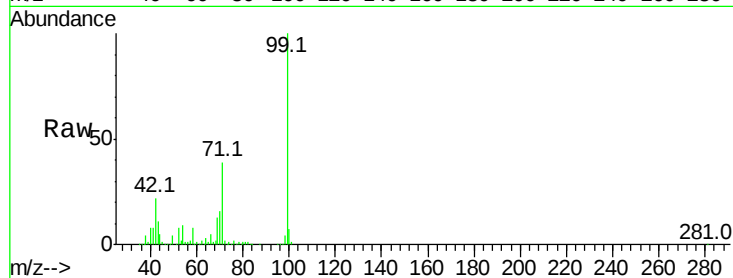
Tot Ion: 99 Resp: 782234

Ion Ratio Lower Upper

99 100

42 22.5 12.8 19.2#

71 38.7 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Tgt Ion: 136 Resp: 739347

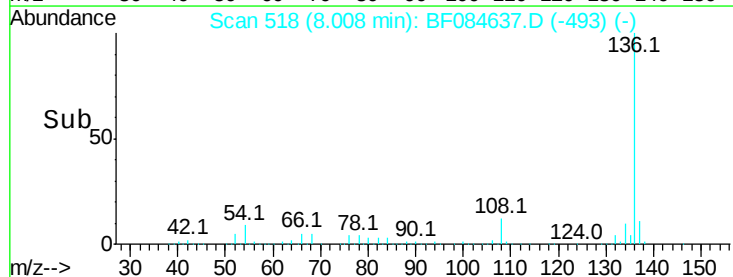
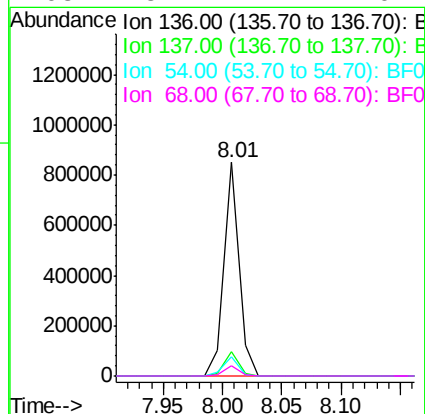
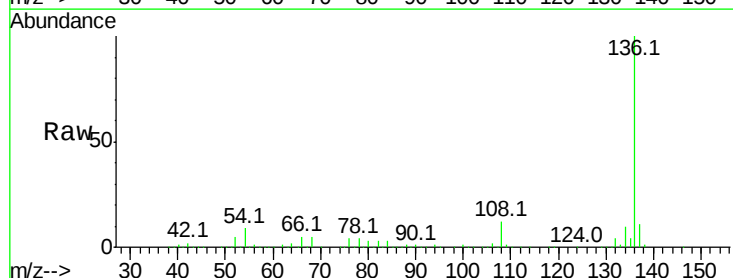
Ion Ratio Lower Upper

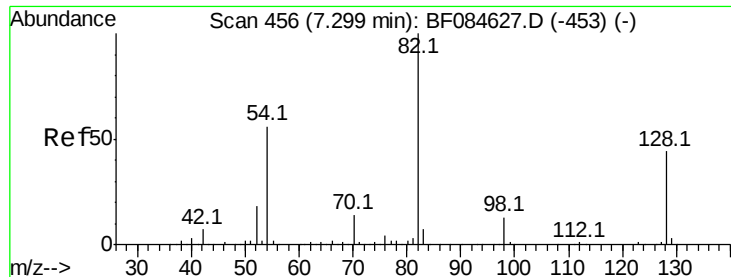
136 100

137 11.4 8.7 13.1

54 9.0 5.8 8.8#

68 5.1 4.2 6.2

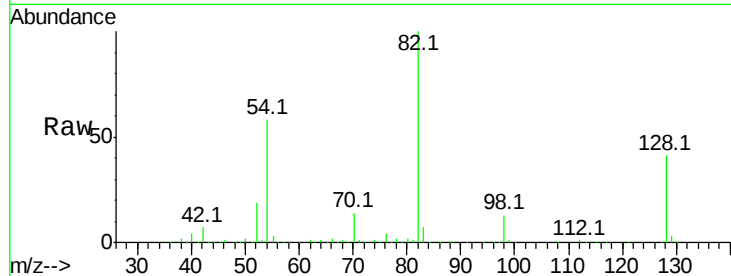




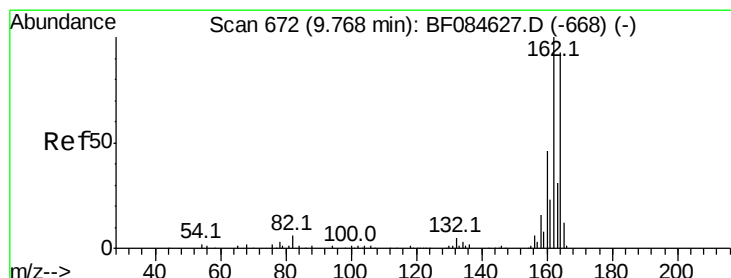
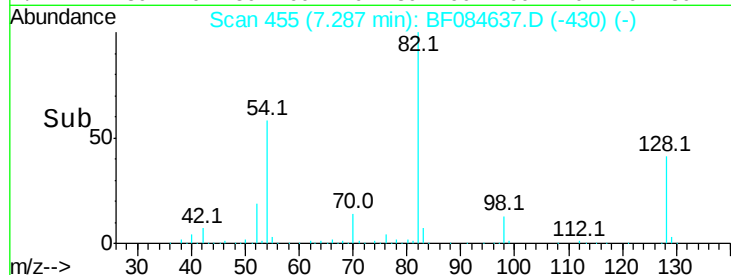
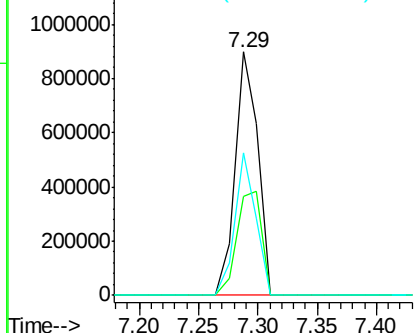
#23
 Nitrobenzene-d5
 Concen: 89.53 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084637.D
 Acq: 29 Jan 2016 15:45

Instrument :
 BNA_F
 ClientSampleId :
 TW1

Tot Ion: 82 Resp: 1184389
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 51.8
 54 58.5 38.4 57.6#

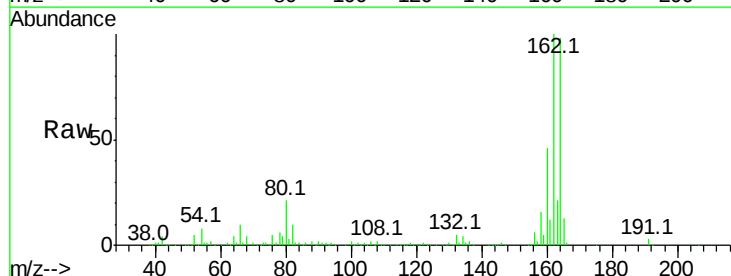


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

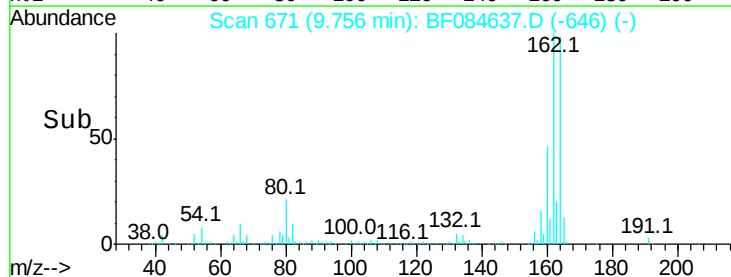
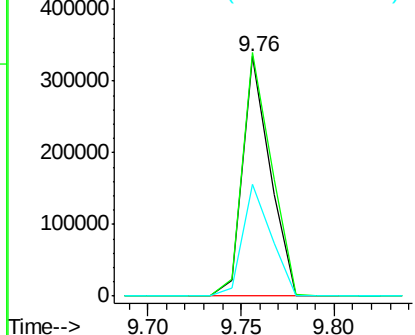


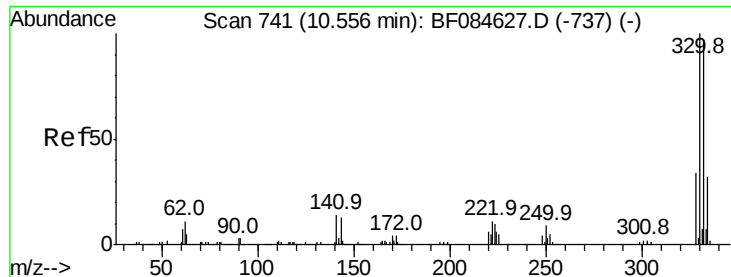
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084637.D
 Acq: 29 Jan 2016 15:45

Tgt Ion:164 Resp: 341776
 Ion Ratio Lower Upper
 164 100
 162 101.8 85.1 127.7
 160 46.6 37.5 56.3



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

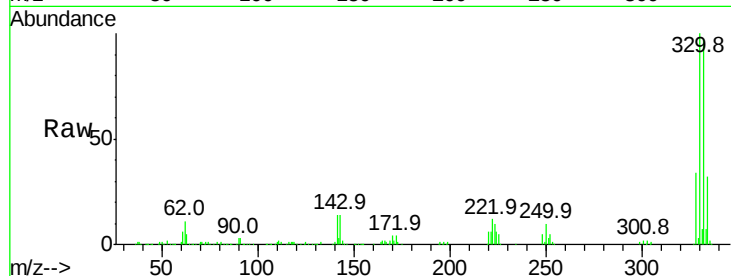




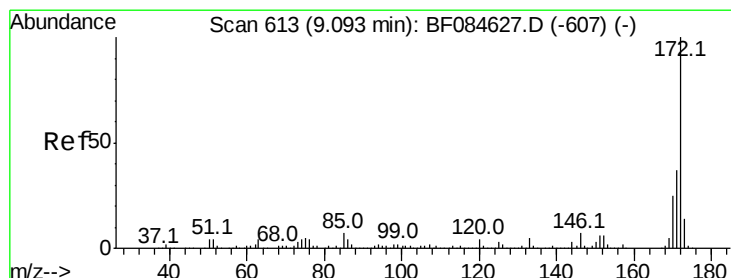
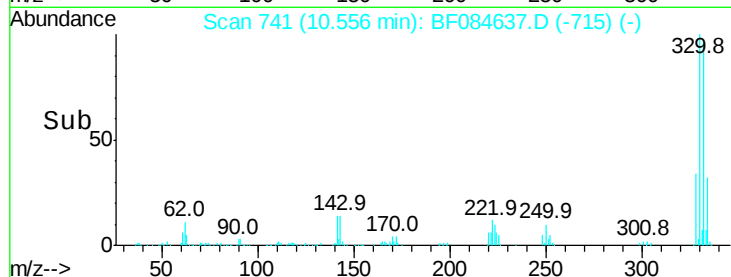
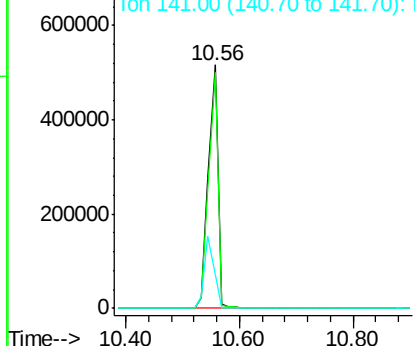
#41
 2,4,6-Tribromophenol
 Concen: 160.67 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084637.D
 Acq: 29 Jan 2016 15:45

Instrument :
 BNA_F
 ClientSampleId :
 TW1

Tot Ion:330 Resp: 575531
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 30.9 27.8 41.6

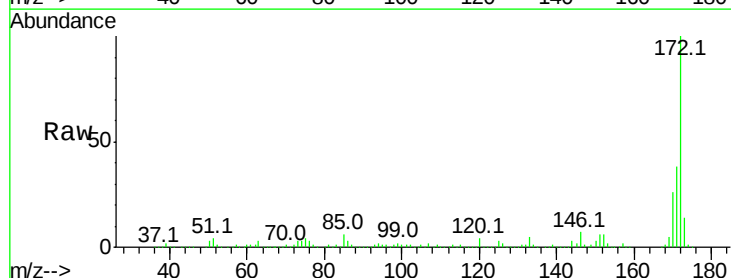


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

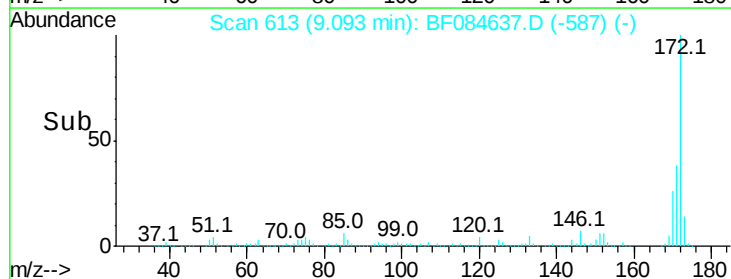
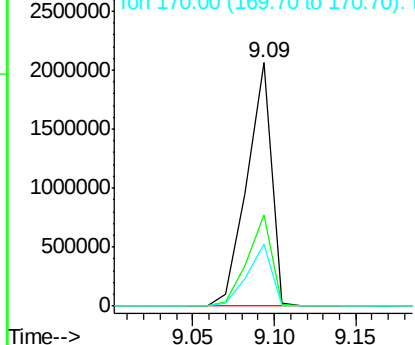


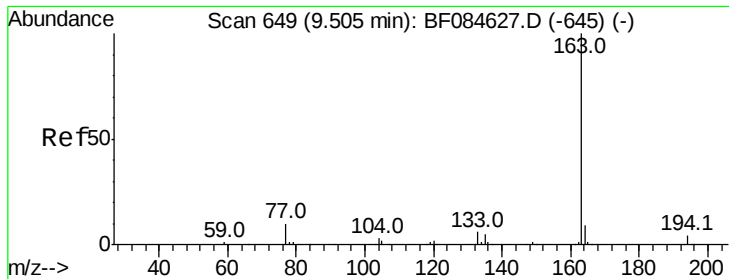
#44
 2-Fluorobiphenyl
 Concen: 93.66 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084637.D
 Acq: 29 Jan 2016 15:45

Tgt Ion:172 Resp: 2153689
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 25.6 18.6 27.8



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

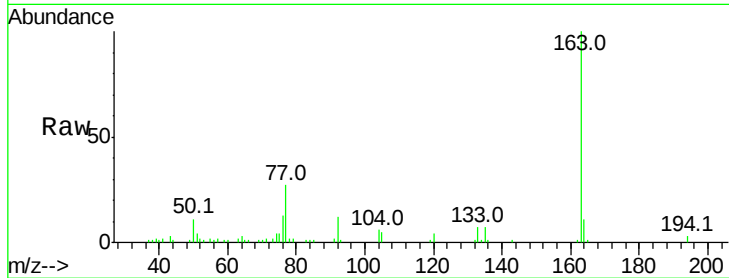




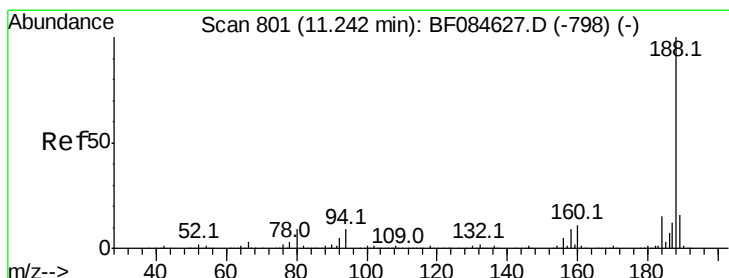
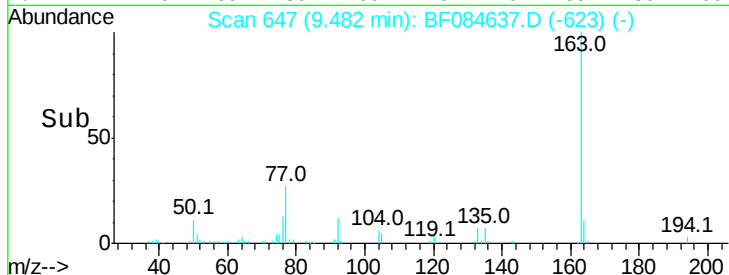
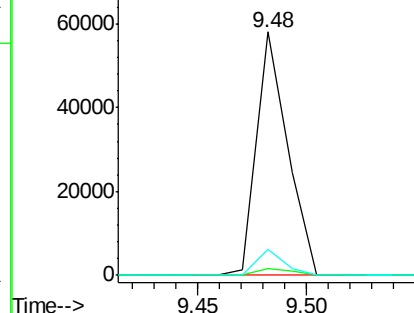
#49
Dimethylphthalate
Concen: 2.25 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084637.D
Acq: 29 Jan 2016 15:45

Instrument :
BNA_F
ClientSampleId :
TW1

Tot Ion:163 Resp: 57731
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.8 8.0 12.0

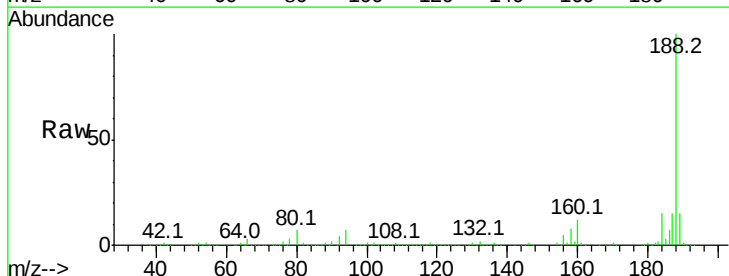


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

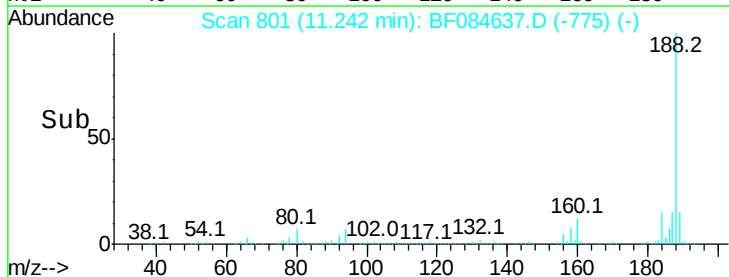
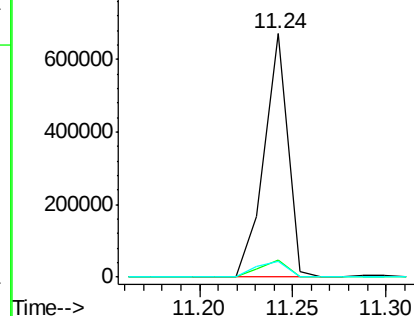


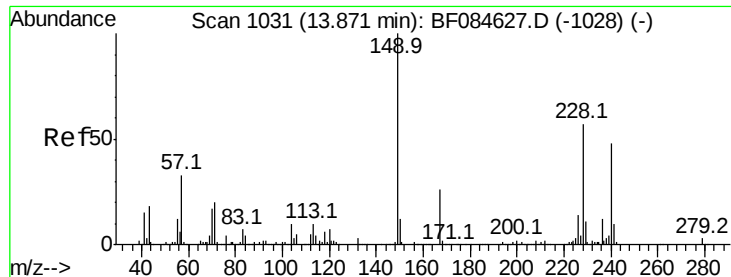
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084637.D
Acq: 29 Jan 2016 15:45

Tgt Ion:188 Resp: 588316
Ion Ratio Lower Upper
188 100
94 6.8 9.0 13.4#
80 6.5 9.6 14.4#



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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

Instrument :

BNA_F

ClientSampleId :

TW1

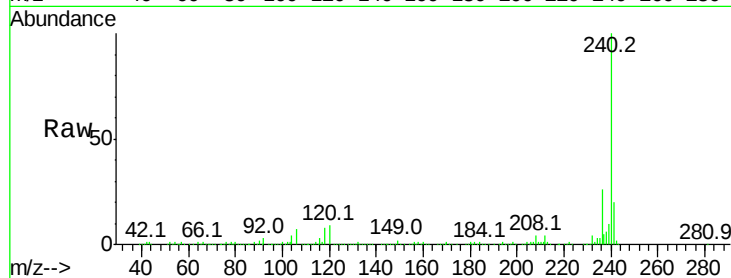
Tot Ion:240 Resp: 516736

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

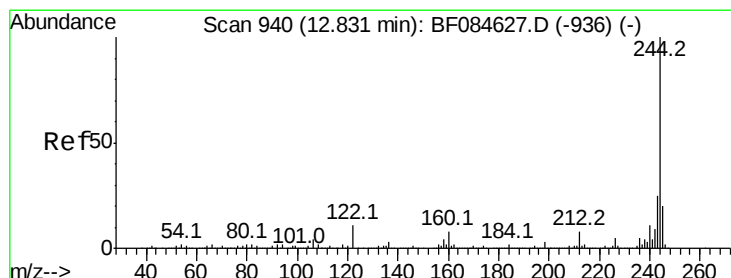
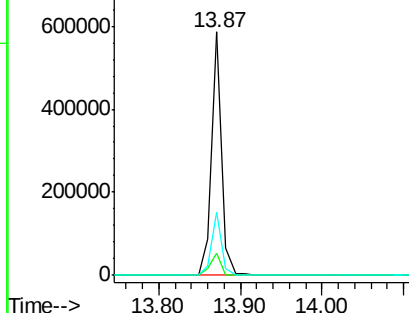
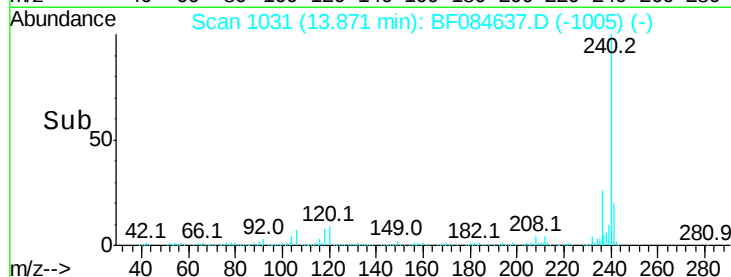
236 26.1 20.6 31.0



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: 61.56 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084637.D

Acq: 29 Jan 2016 15:45

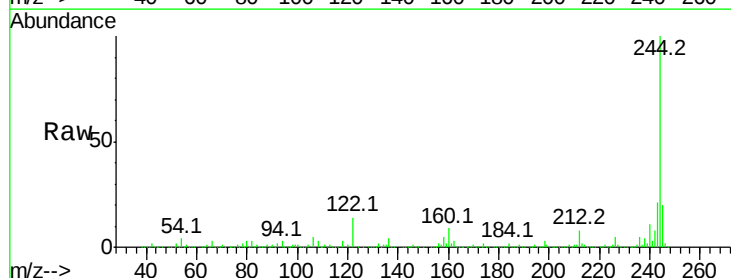
Tgt Ion:244 Resp: 1408405

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

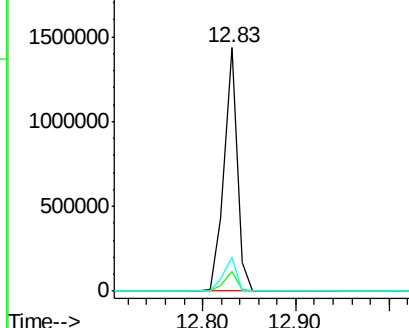
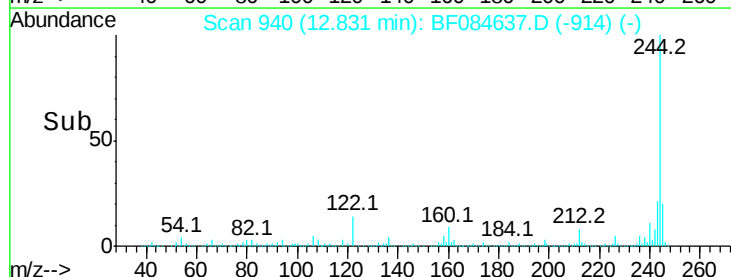
122 13.7 7.4 11.0#

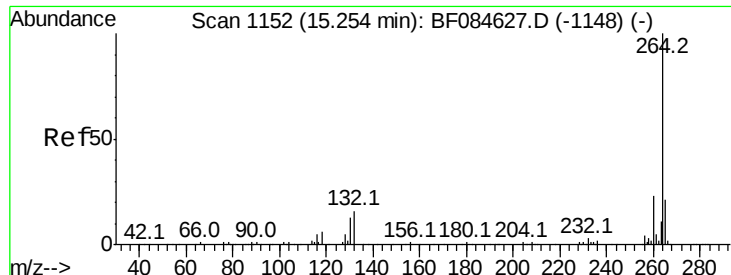


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

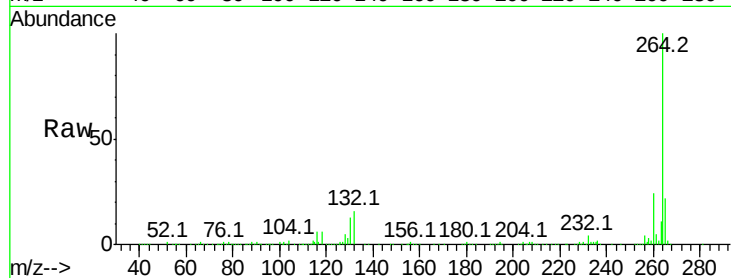




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084637.D
 Acq: 29 Jan 2016 15:45

Instrument :
 BNA_F
 ClientSampleId :
 TW1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.1	17.8	26.6



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

