

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084652.D
 Acq On : 29 Jan 2016 23:10
 Operator : SJ/IZ
 Sample : H1273-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(30-32)

Quant Time: Jan 30 00:52:10 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

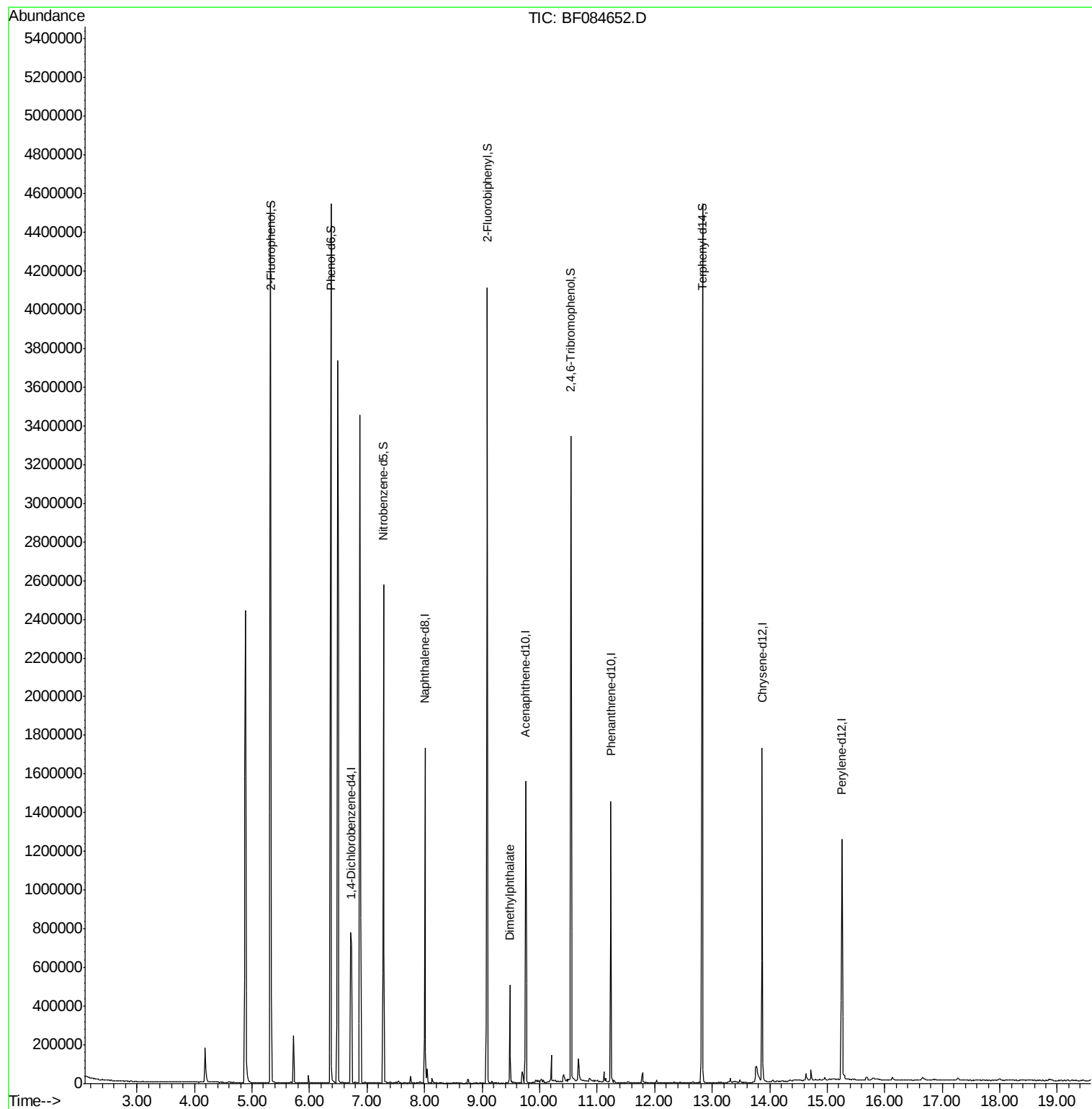
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	168719	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	726456	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	314466	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	632753	20.00	ng	0.00
75) Chrysene-d12	13.87	240	633140	20.00	ng	0.00
86) Perylene-d12	15.25	264	534400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1206613	107.95	ng	0.01
7) Phenol-d6	6.37	99	1685158	125.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	883530	67.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	394005	119.55	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1686194	79.70	ng	0.00
78) Terphenyl-d14	12.83	244	1608532	57.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	200133	8.48	ng	Qvalue # 90

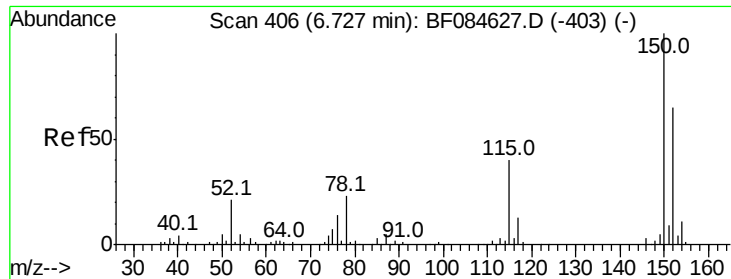
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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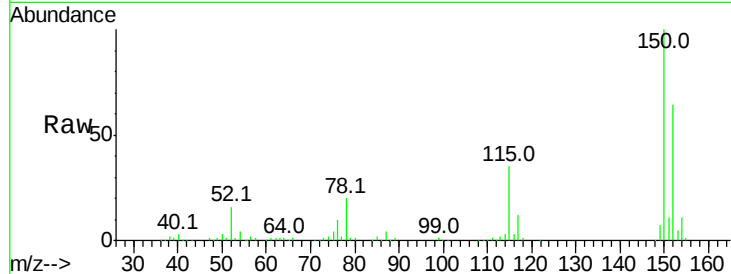


#1

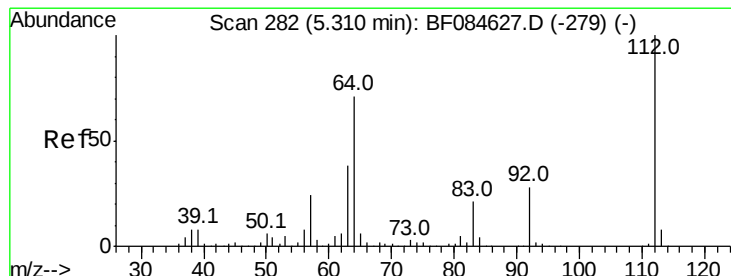
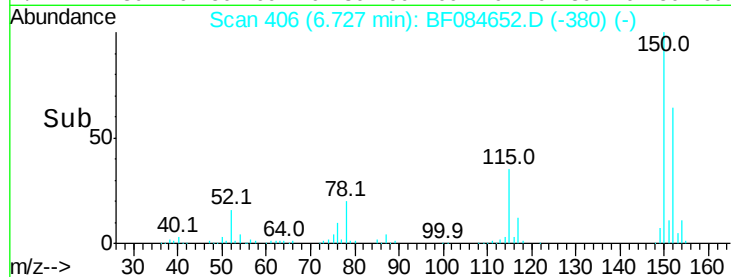
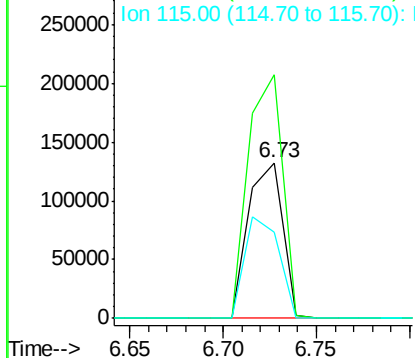
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084652.D
Acq: 29 Jan 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SUP-B011(30-32)

Tot Ion:152 Resp: 168719
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.4
115 55.2 51.4 77.2



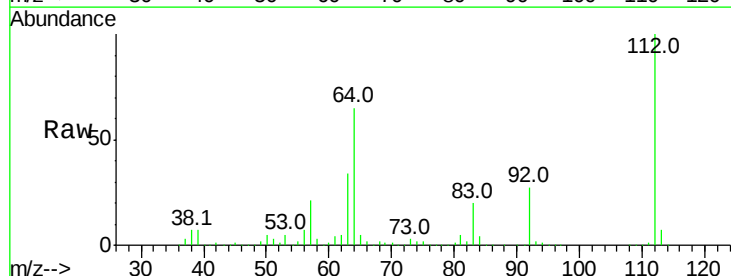
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



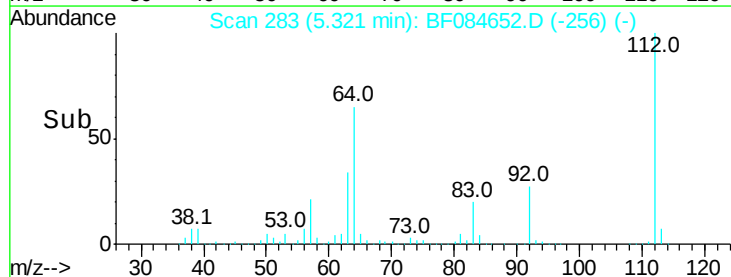
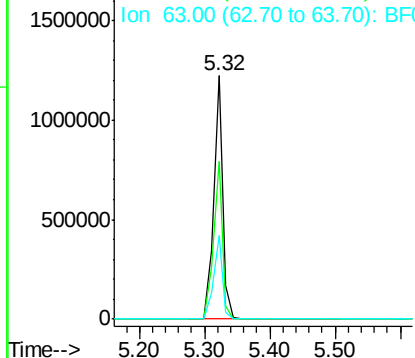
#5

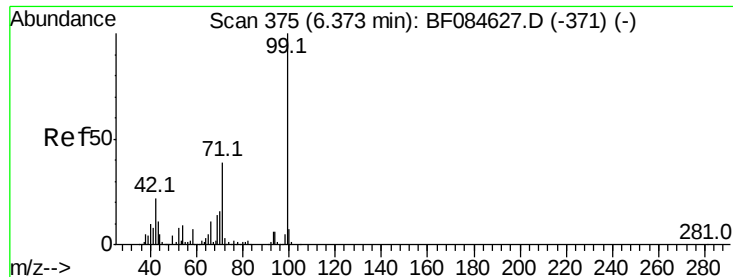
2-Fluorophenol
Concen: 107.95 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084652.D
Acq: 29 Jan 2016 23:10

Tgt Ion:112 Resp: 1206613
Ion Ratio Lower Upper
112 100
64 64.9 36.6 55.0#
63 34.5 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: 125.79 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084652.D

Acq: 29 Jan 2016 23:10

Instrument :

BNA_F

ClientSampleId :

SUP-B011(30-32)

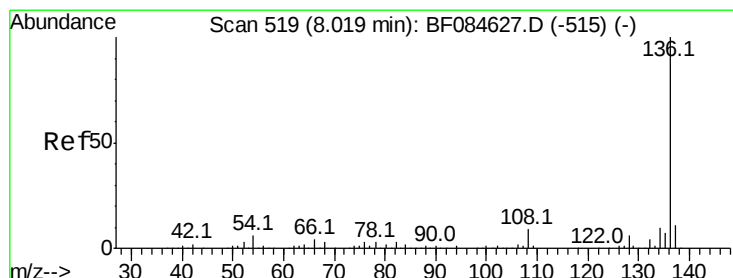
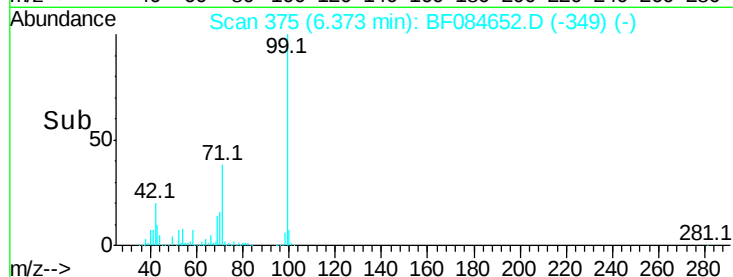
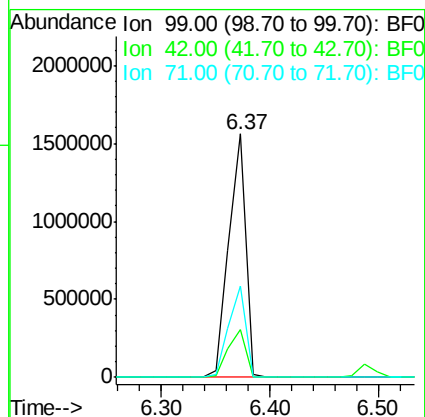
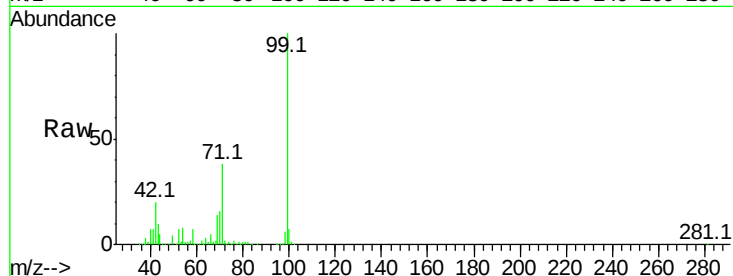
Tot Ion: 99 Resp: 1685158

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

71 37.7 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: BF084652.D

Acq: 29 Jan 2016 23:10

Tgt Ion: 136 Resp: 726456

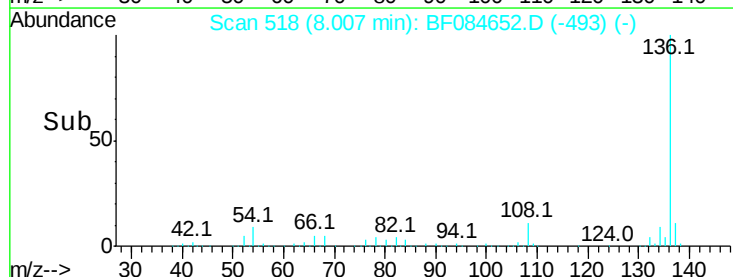
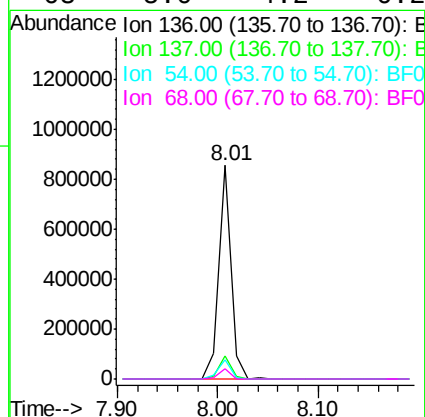
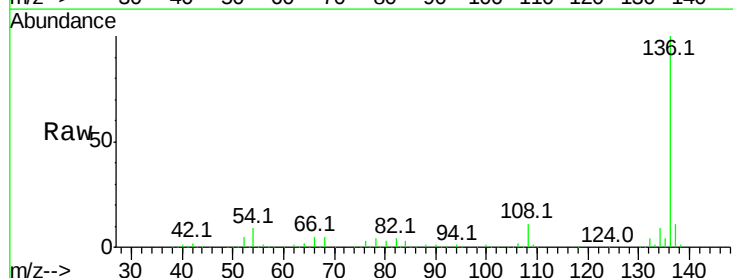
Ion Ratio Lower Upper

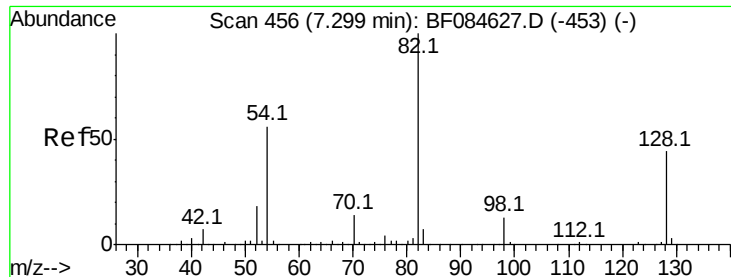
136 100

137 10.9 8.7 13.1

54 8.8 5.8 8.8#

68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 67.97 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084652.D

Acq: 29 Jan 2016 23:10

Instrument :

BNA_F

ClientSampleId :

SUP-B011(30-32)

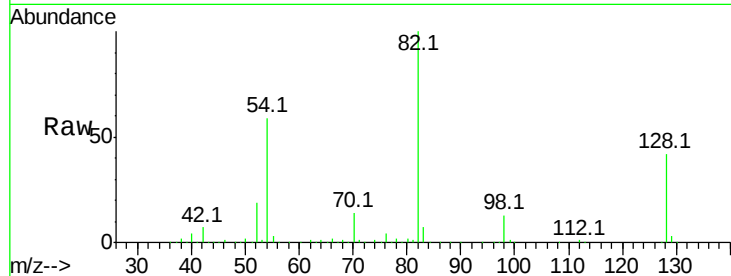
Tot Ion: 82 Resp: 883530

Ion Ratio Lower Upper

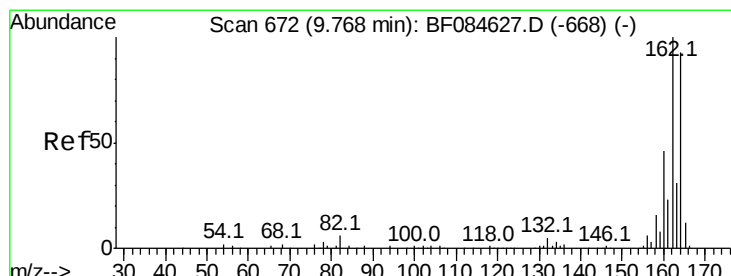
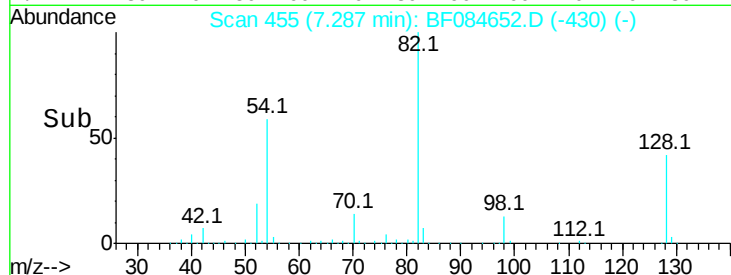
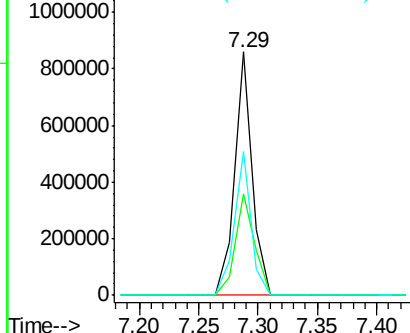
82 100

128 41.6 34.6 51.8

54 58.8 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: BF084652.D

Acq: 29 Jan 2016 23:10

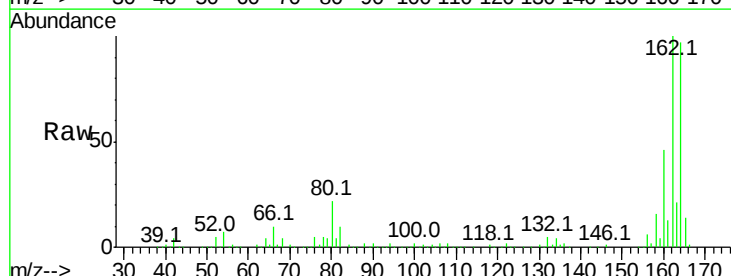
Tgt Ion:164 Resp: 314466

Ion Ratio Lower Upper

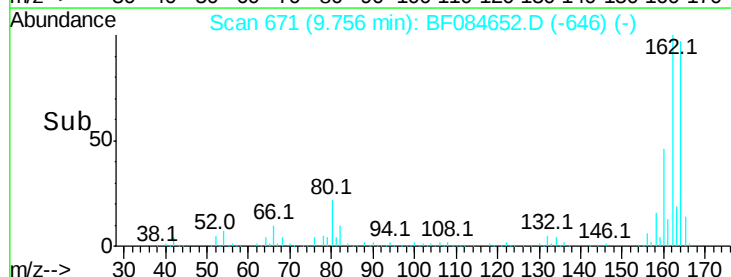
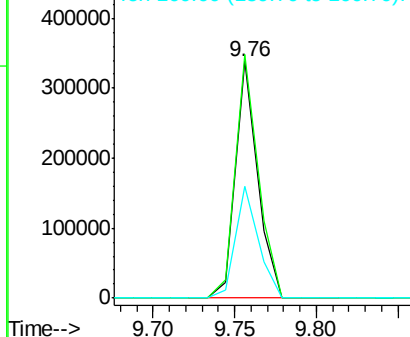
164 100

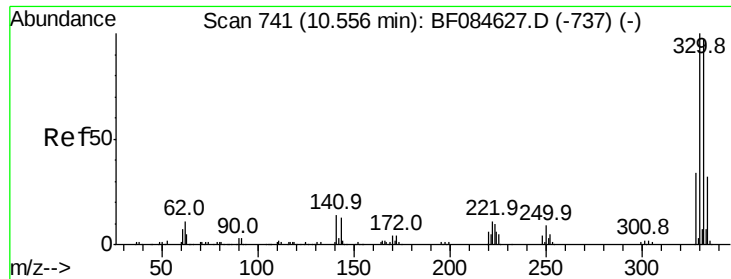
162 102.7 85.1 127.7

160 47.4 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

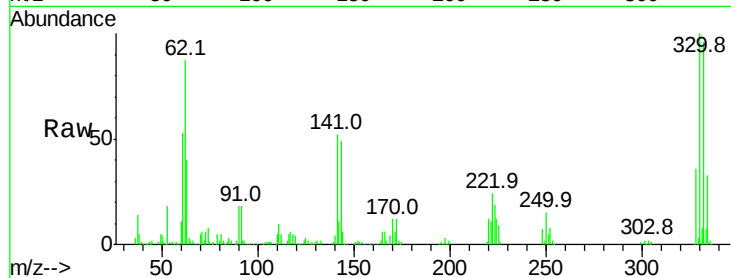




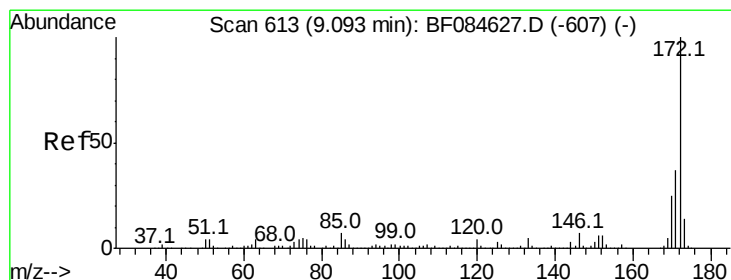
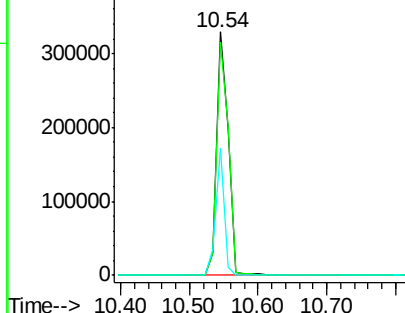
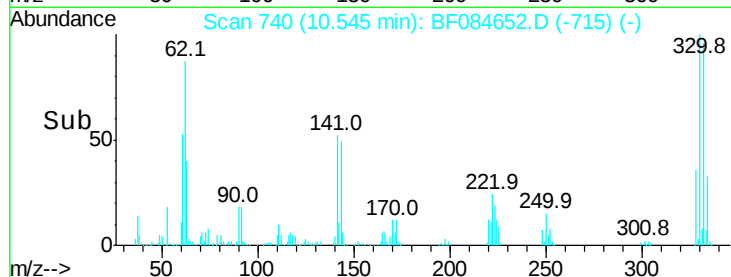
#41
 2,4,6-Tribromophenol
 Concen: 119.55 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084652.D
 Acq: 29 Jan 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(30-32)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	39.0	27.8	41.6

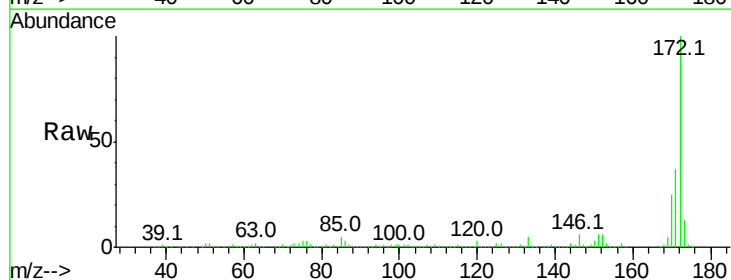


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

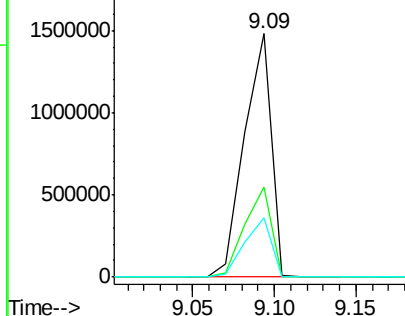
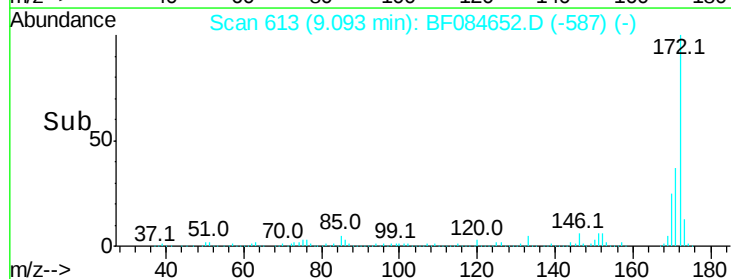


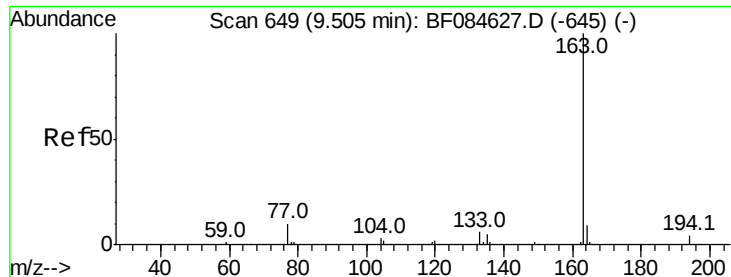
#44
 2-Fluorobiphenyl
 Concen: 79.70 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084652.D
 Acq: 29 Jan 2016 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.6	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

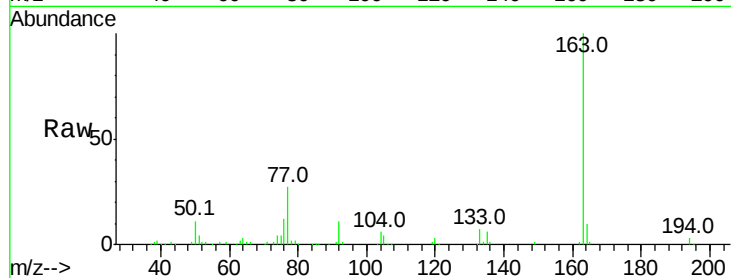




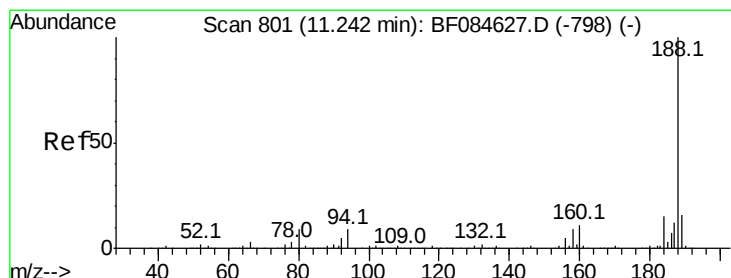
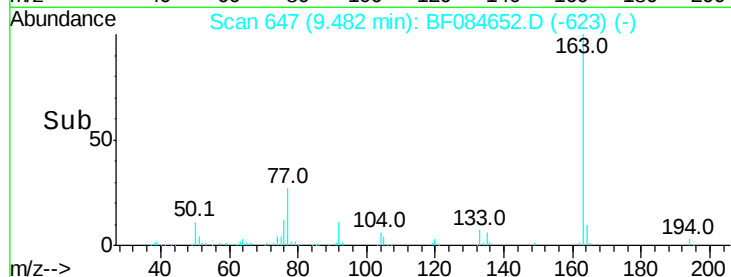
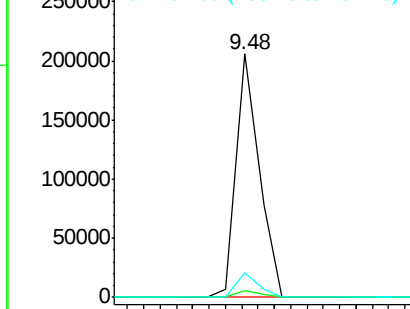
#49
Dimethylphthalate
Concen: 8.48 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084652.D
Acq: 29 Jan 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SUP-B011(30-32)

Tot Ion:163 Resp: 200133
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 10.3 8.0 12.0

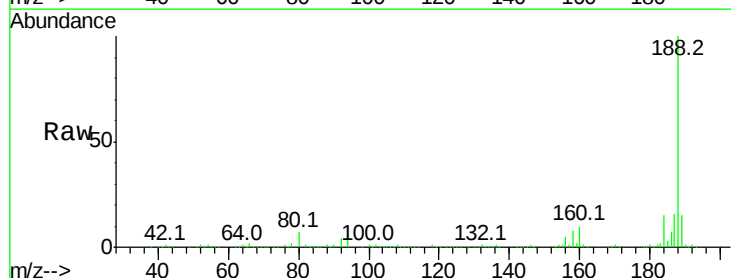


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

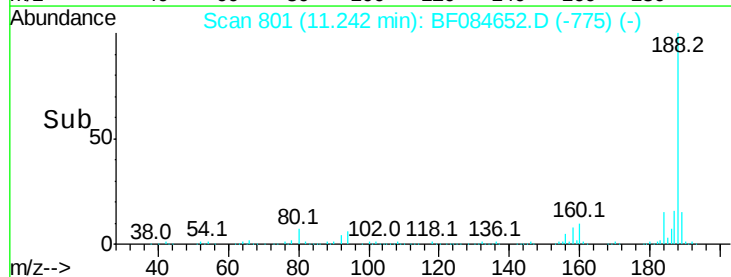
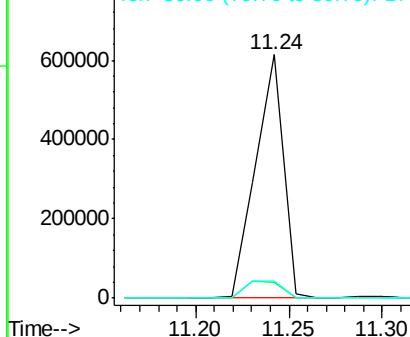


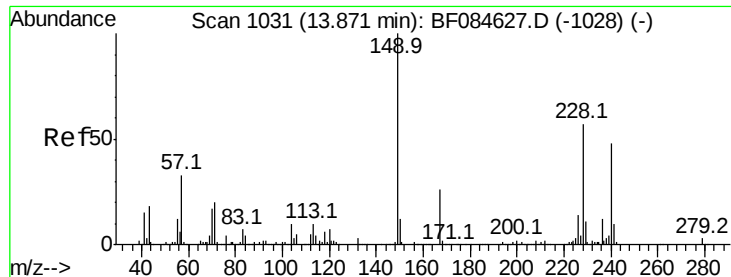
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084652.D
Acq: 29 Jan 2016 23:10

Tgt Ion:188 Resp: 632753
Ion Ratio Lower Upper
188 100
94 6.4 9.0 13.4#
80 6.8 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: BF084652.D

Acq: 29 Jan 2016 23:10

Instrument :

BNA_F

ClientSampleId :

SUP-B011(30-32)

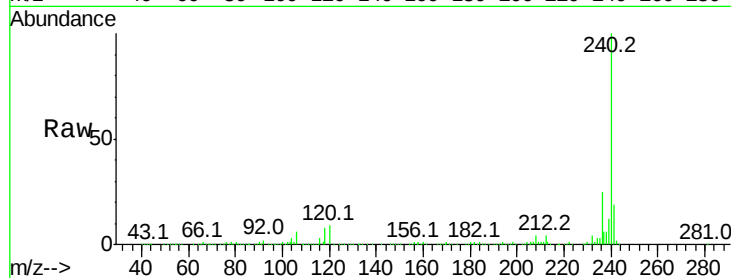
Tot Ion:240 Resp: 633140

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

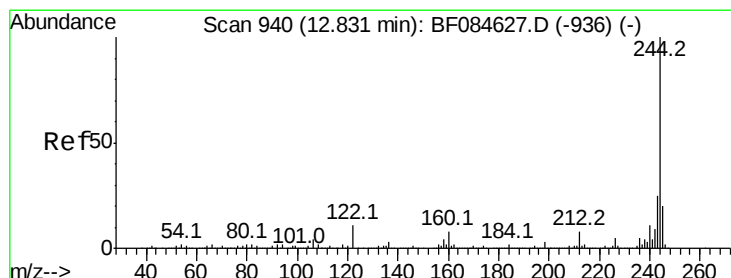
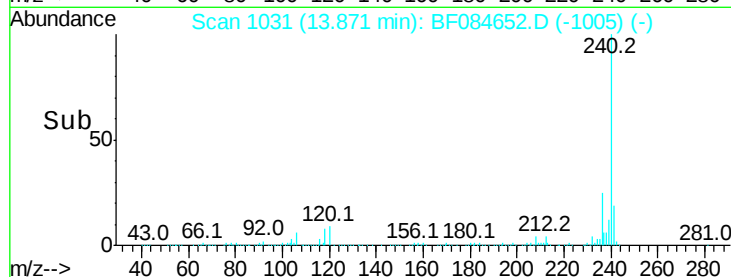
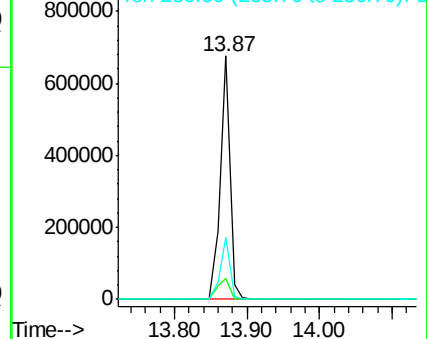
236 25.5 20.6 31.0



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: 57.38 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084652.D

Acq: 29 Jan 2016 23:10

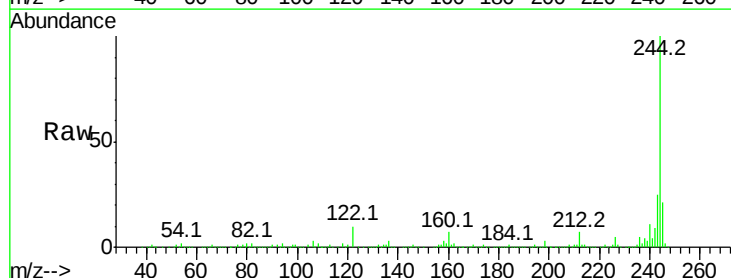
Tgt Ion:244 Resp: 1608532

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

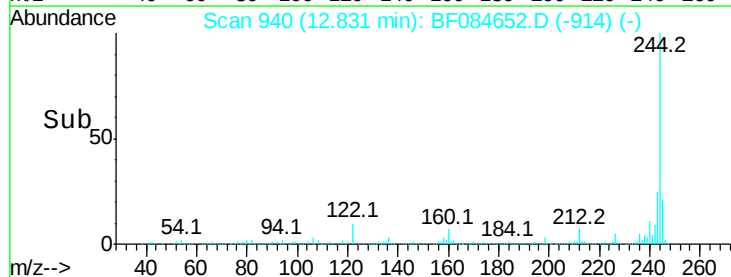
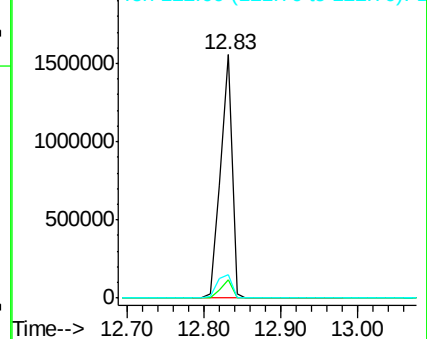
122 9.6 7.4 11.0

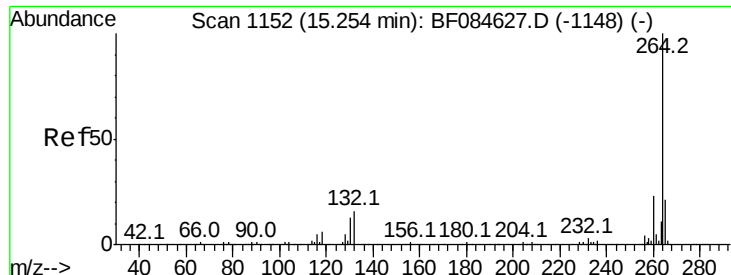


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

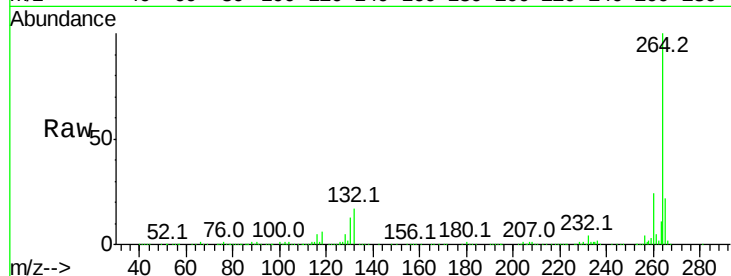




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084652.D
Acq: 29 Jan 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SUP-B011(30-32)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	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

