

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084640.D
 Acq On : 29 Jan 2016 17:09
 Operator : SJ/IZ
 Sample : H1257-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12.5-13)

Quant Time: Jan 29 23:45:46 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

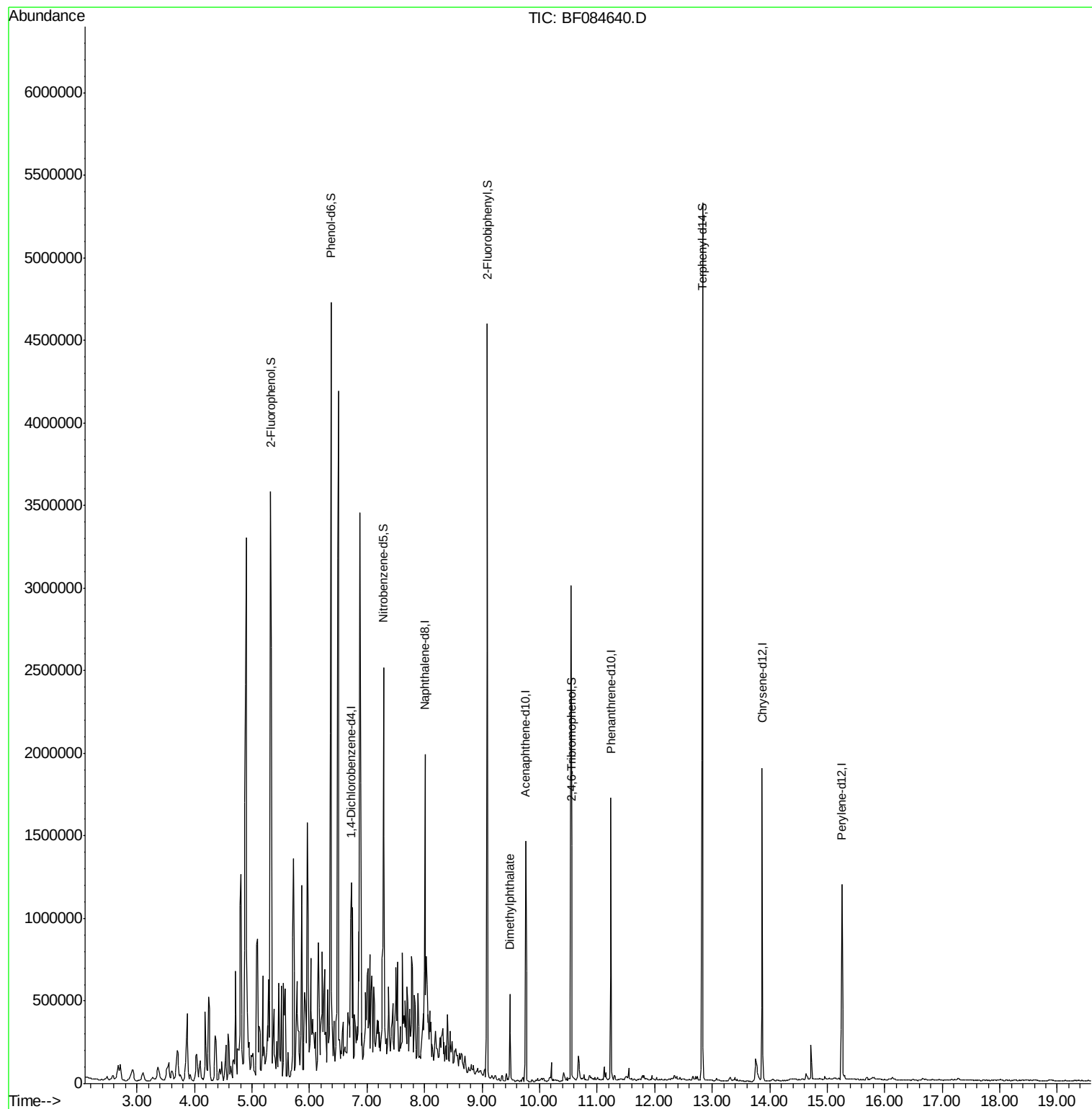
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170453	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	644168	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	319002	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	655140	20.00	ng	0.00
75) Chrysene-d12	13.87	240	635027	20.00	ng	0.00
86) Perylene-d12	15.25	264	512057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1287184	113.99	ng	0.01
7) Phenol-d6	6.37	99	1523337	112.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	926769	80.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	448656	134.19	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1682033	78.37	ng	0.00
78) Terphenyl-d14	12.83	244	1639645	58.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	241871	10.10	ng	Qvalue # 89

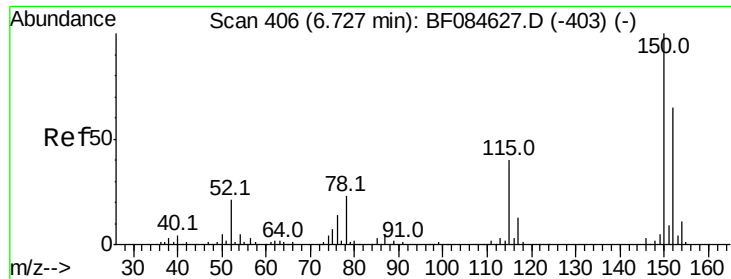
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

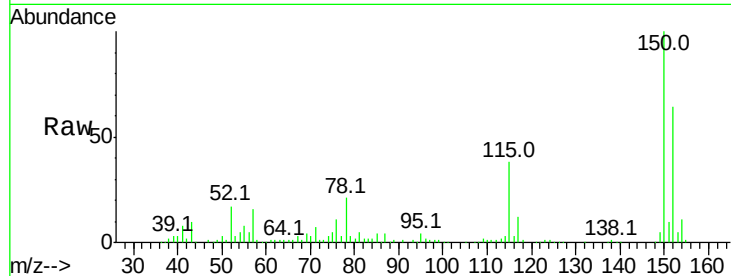
Tot Ion:152 Resp: 170453

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

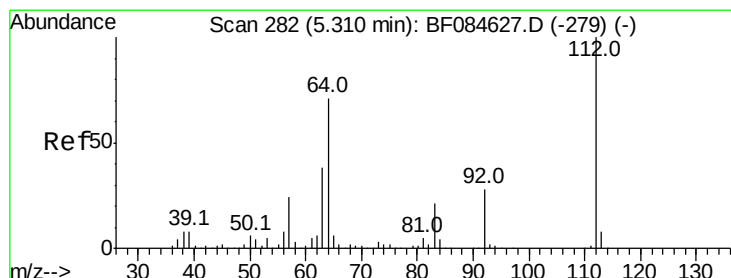
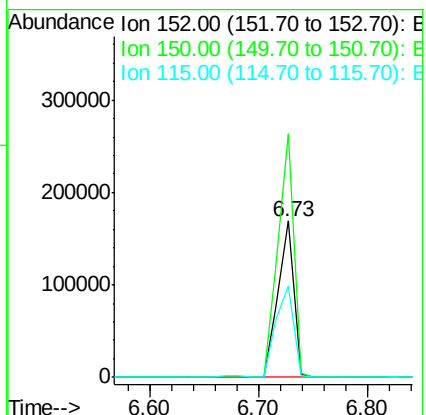
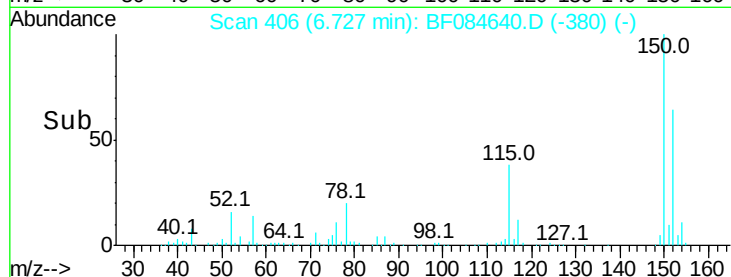
115 58.6 51.4 77.2



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: 113.99 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

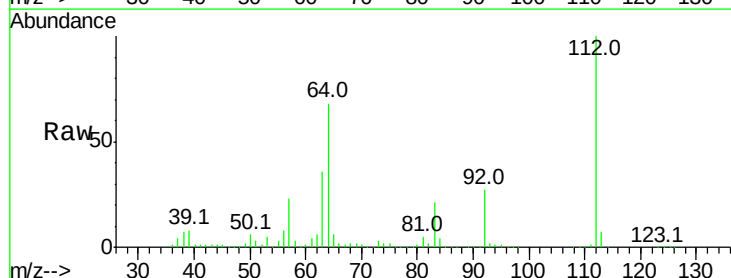
Tgt Ion:112 Resp: 1287184

Ion Ratio Lower Upper

112 100

64 67.8 36.6 55.0#

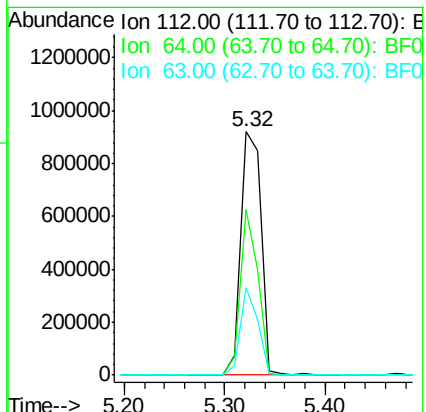
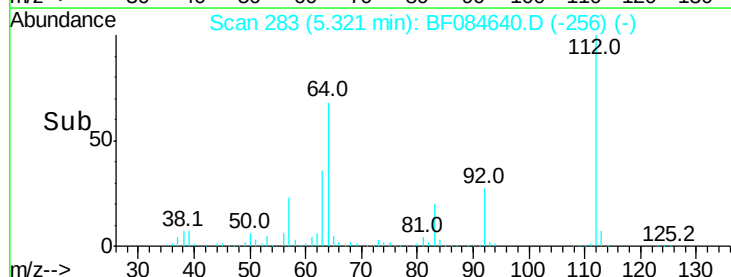
63 35.7 19.4 29.0#

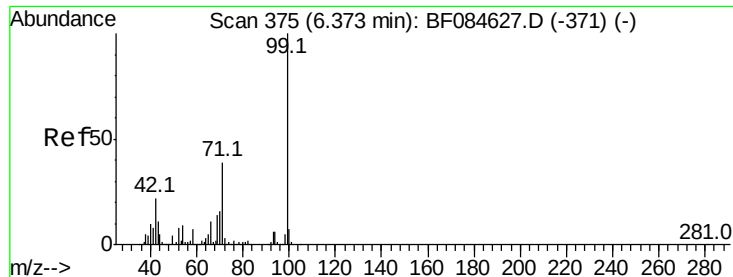


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.55 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

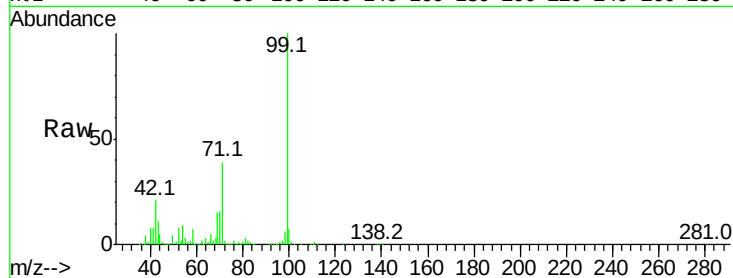
Tot Ion: 99 Resp: 1523337

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

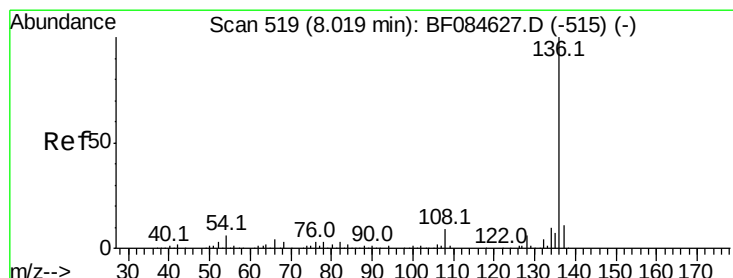
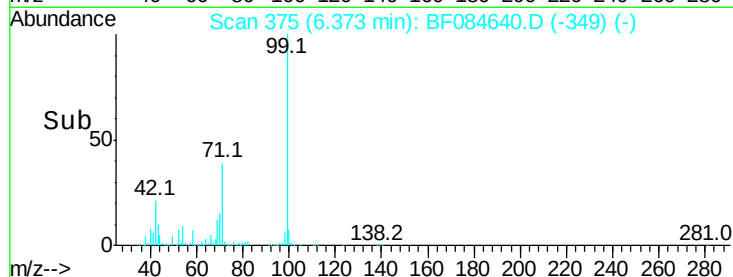
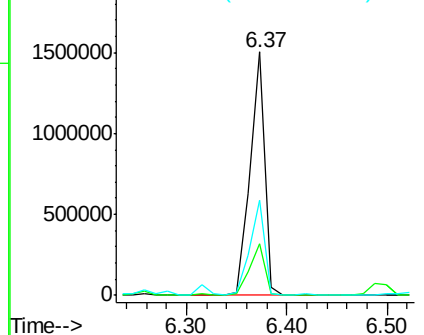
71 39.1 30.9 46.3



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: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Tgt Ion: 136 Resp: 644168

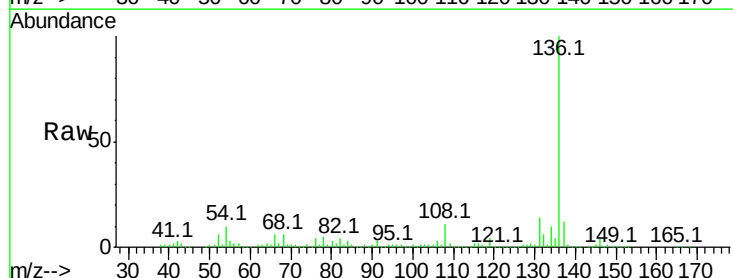
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 10.2 5.8 8.8#

68 5.6 4.2 6.2

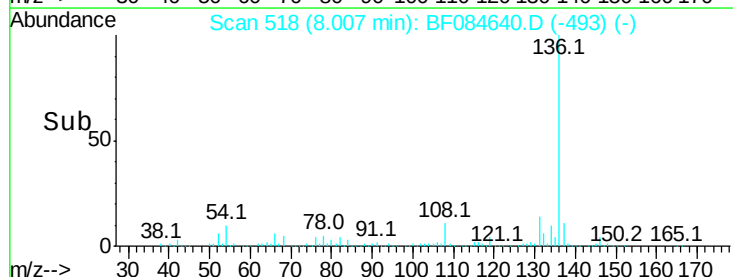
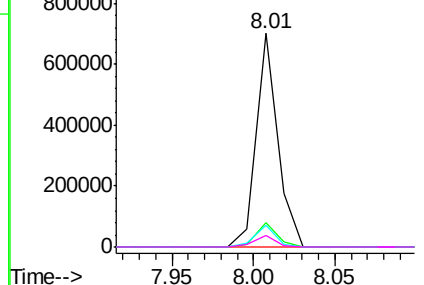


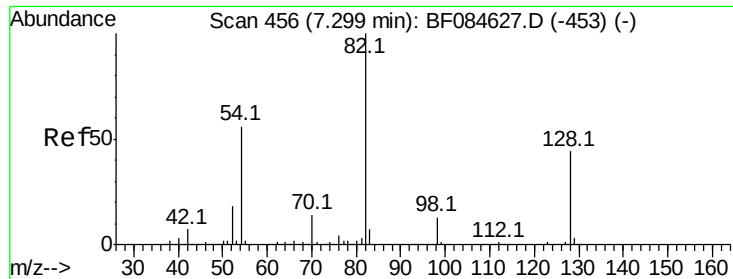
Abundance Ion 136.00 (135.70 to 136.70): E

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

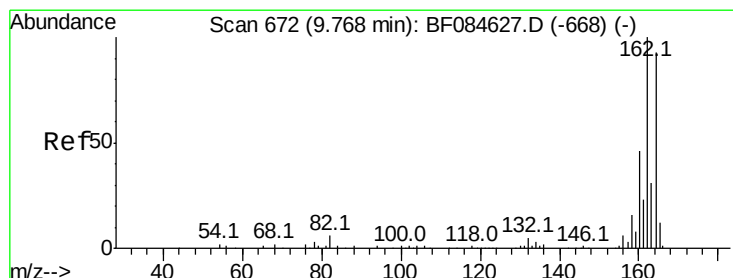
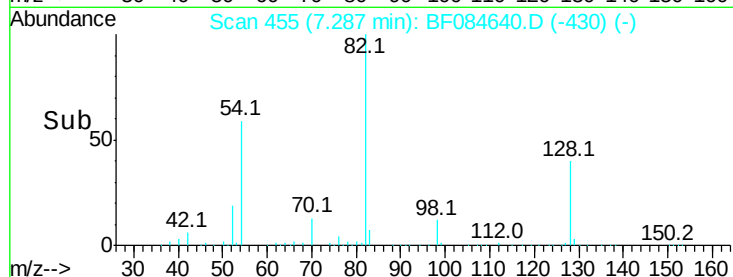
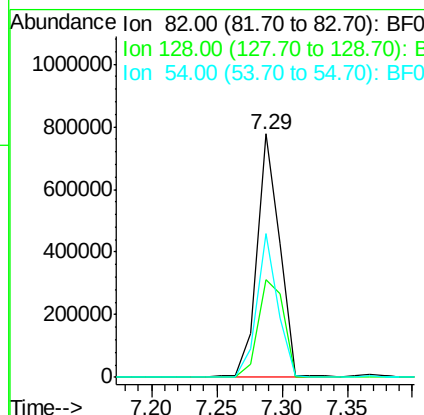
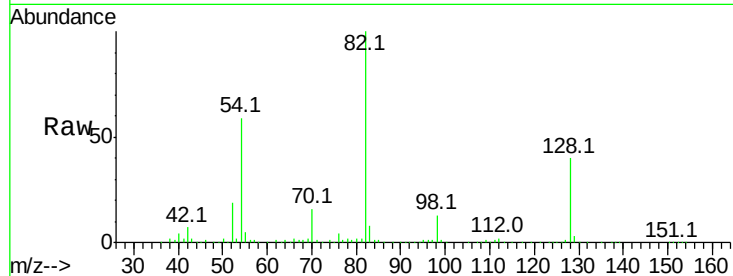




#23
 Nitrobenzene-d5
 Concen: 80.40 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084640.D
 Acq: 29 Jan 2016 17:09

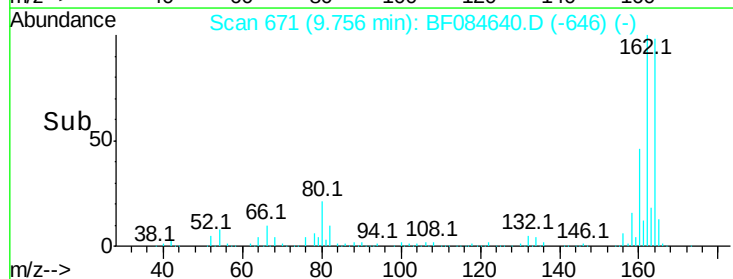
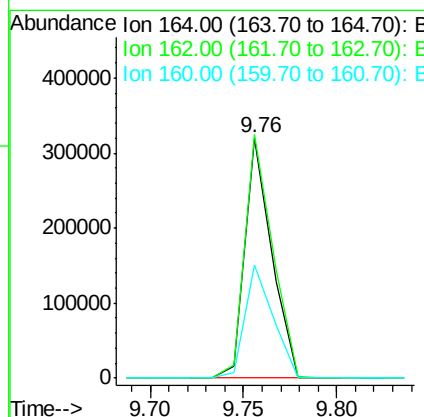
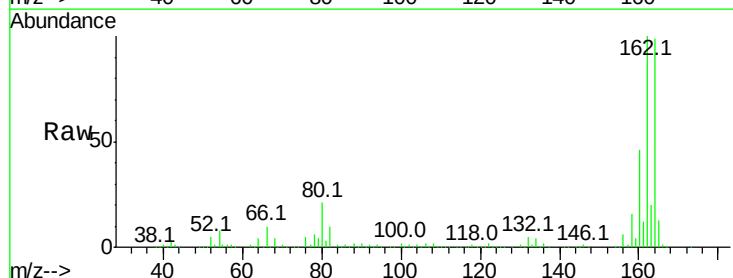
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12.5-13)

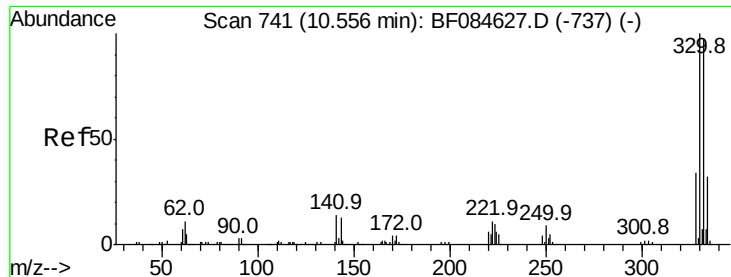
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	51.8
54	59.1	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084640.D
 Acq: 29 Jan 2016 17:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.1	127.7
160	47.1	37.5	56.3

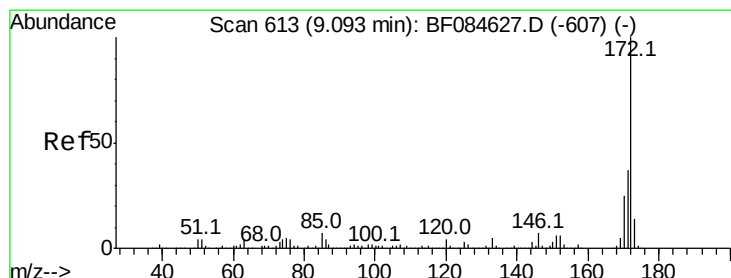
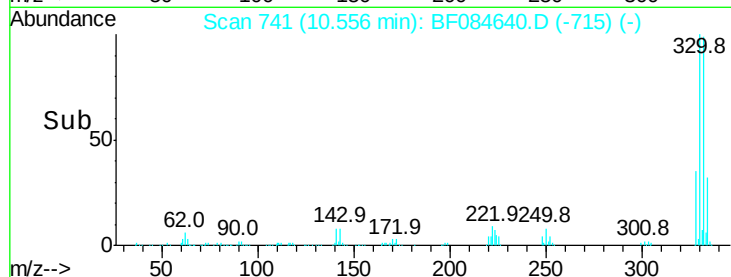
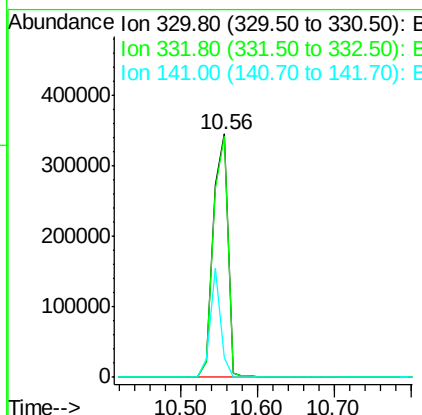
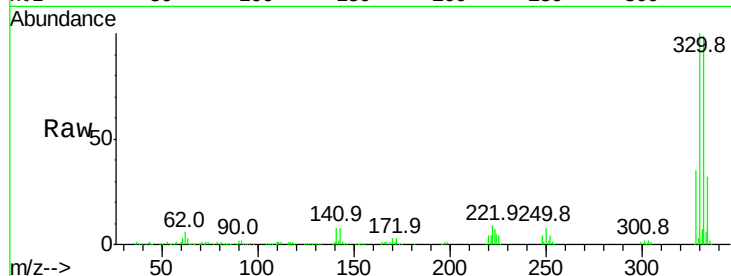




#41
 2,4,6-Tribromophenol
 Concen: 134.19 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084640.D
 Acq: 29 Jan 2016 17:09

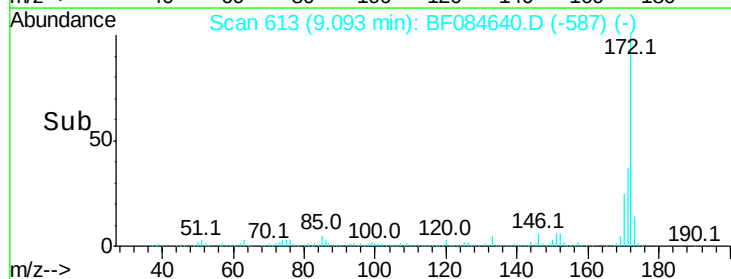
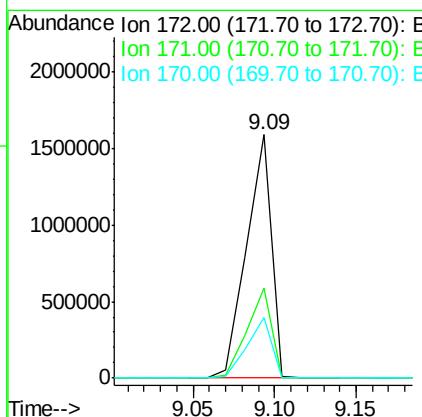
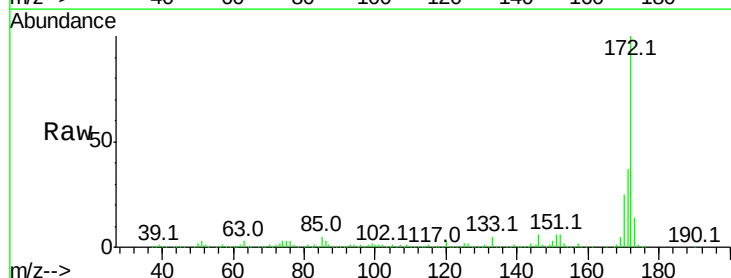
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(12.5-13)

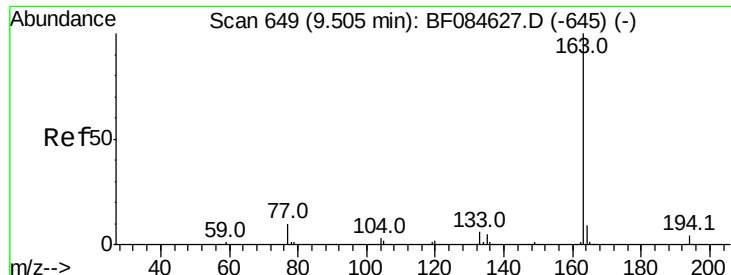
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	114.8
141	32.7	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 78.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084640.D
 Acq: 29 Jan 2016 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	25.0	18.6	27.8





#49

Dimethylphthalate

Concen: 10.10 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

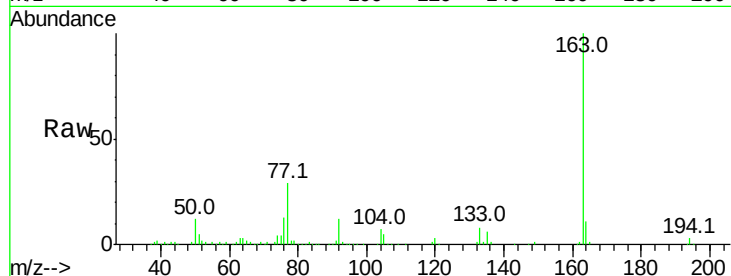
Tot Ion:163 Resp: 241871

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

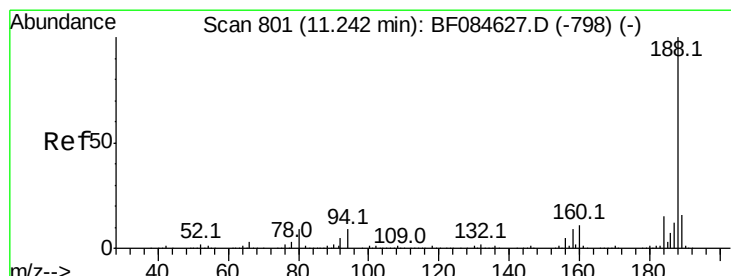
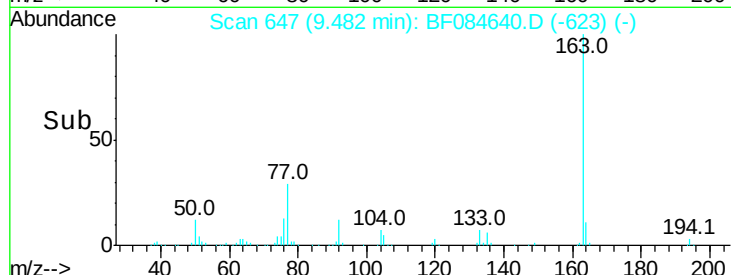
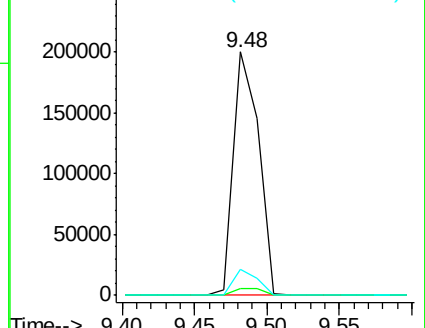
164 10.7 8.0 12.0



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: BF084640.D

Acq: 29 Jan 2016 17:09

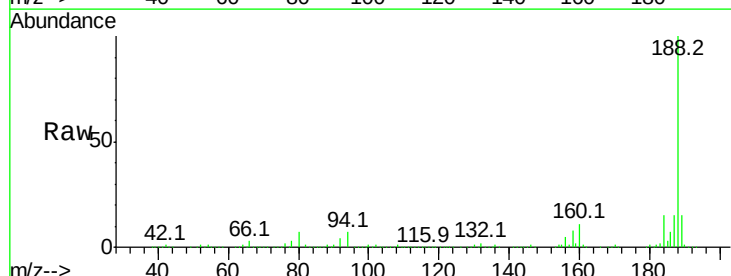
Tgt Ion:188 Resp: 655140

Ion Ratio Lower Upper

188 100

94 7.4 9.0 13.4#

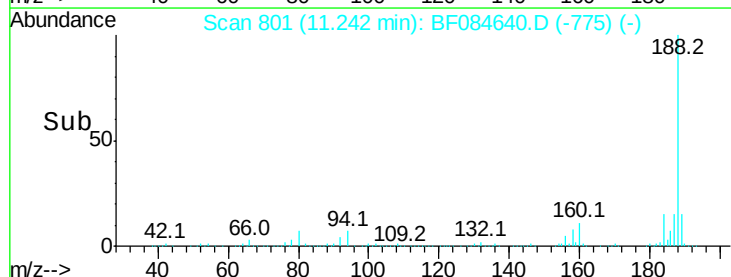
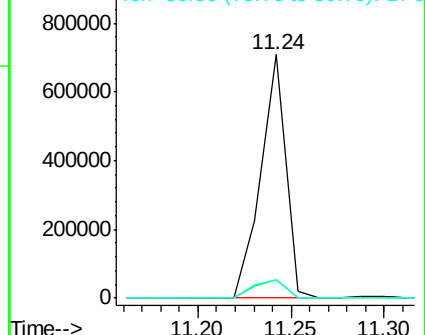
80 7.5 9.6 14.4#

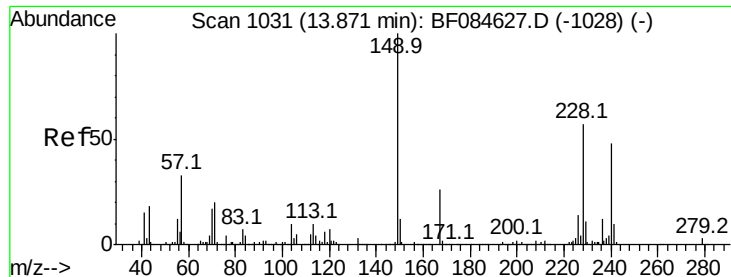


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084640.D

Acq: 29 Jan 2016 17:09

Instrument :

BNA_F

ClientSampleId :

SUP-B016(12.5-13)

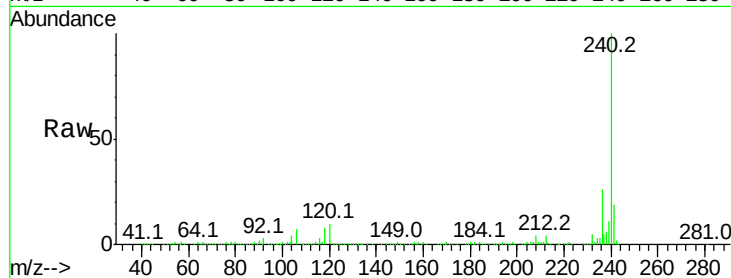
Tot Ion:240 Resp: 635027

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

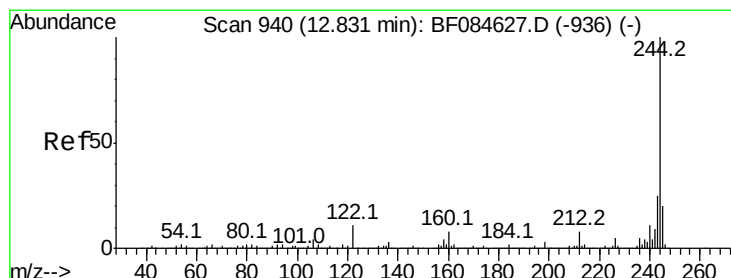
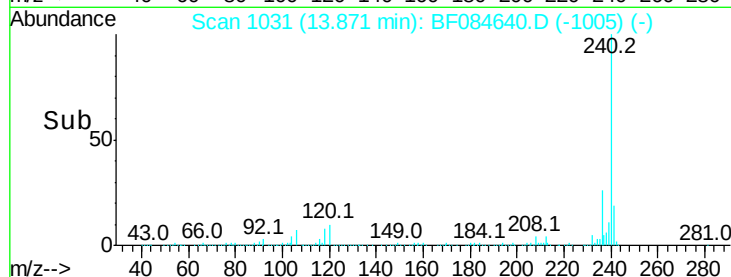
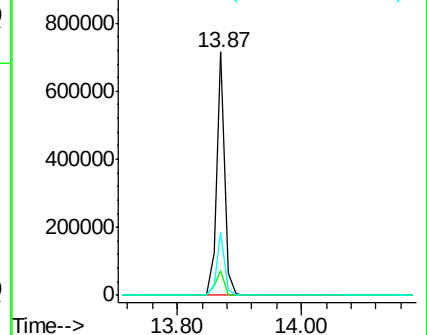
236 25.7 20.6 31.0



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: 58.31 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084640.D

Acq: 29 Jan 2016 17:09

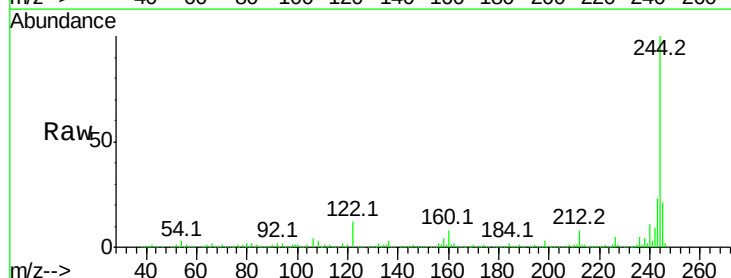
Tgt Ion:244 Resp: 1639645

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

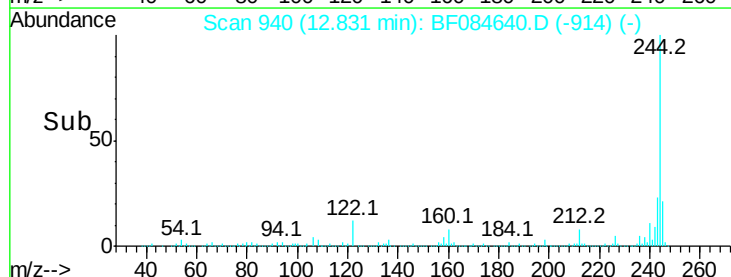
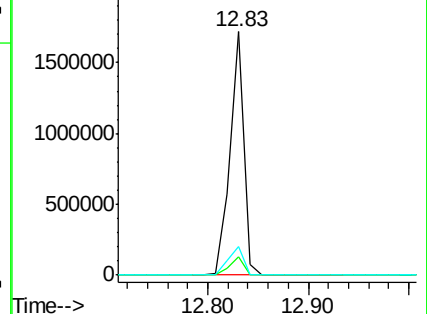
122 11.8 7.4 11.0#

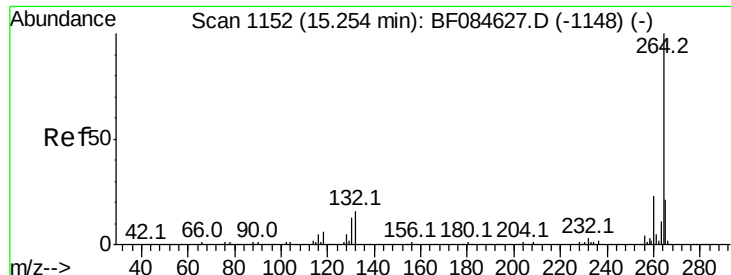


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

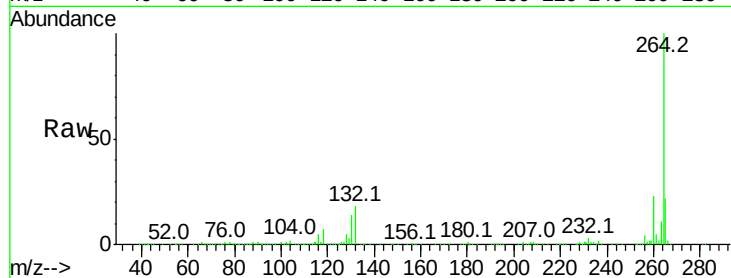




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084640.D
Acq: 29 Jan 2016 17:09

Instrument :
BNA_F
ClientSampleId :
SUP-B016(12.5-13)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.8	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

