

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084861.D
 Acq On : 5 Feb 2016 15:56
 Operator : SJ/IZ
 Sample : H1347-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-196-242-COMPOSITE

Quant Time: Feb 05 22:29:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

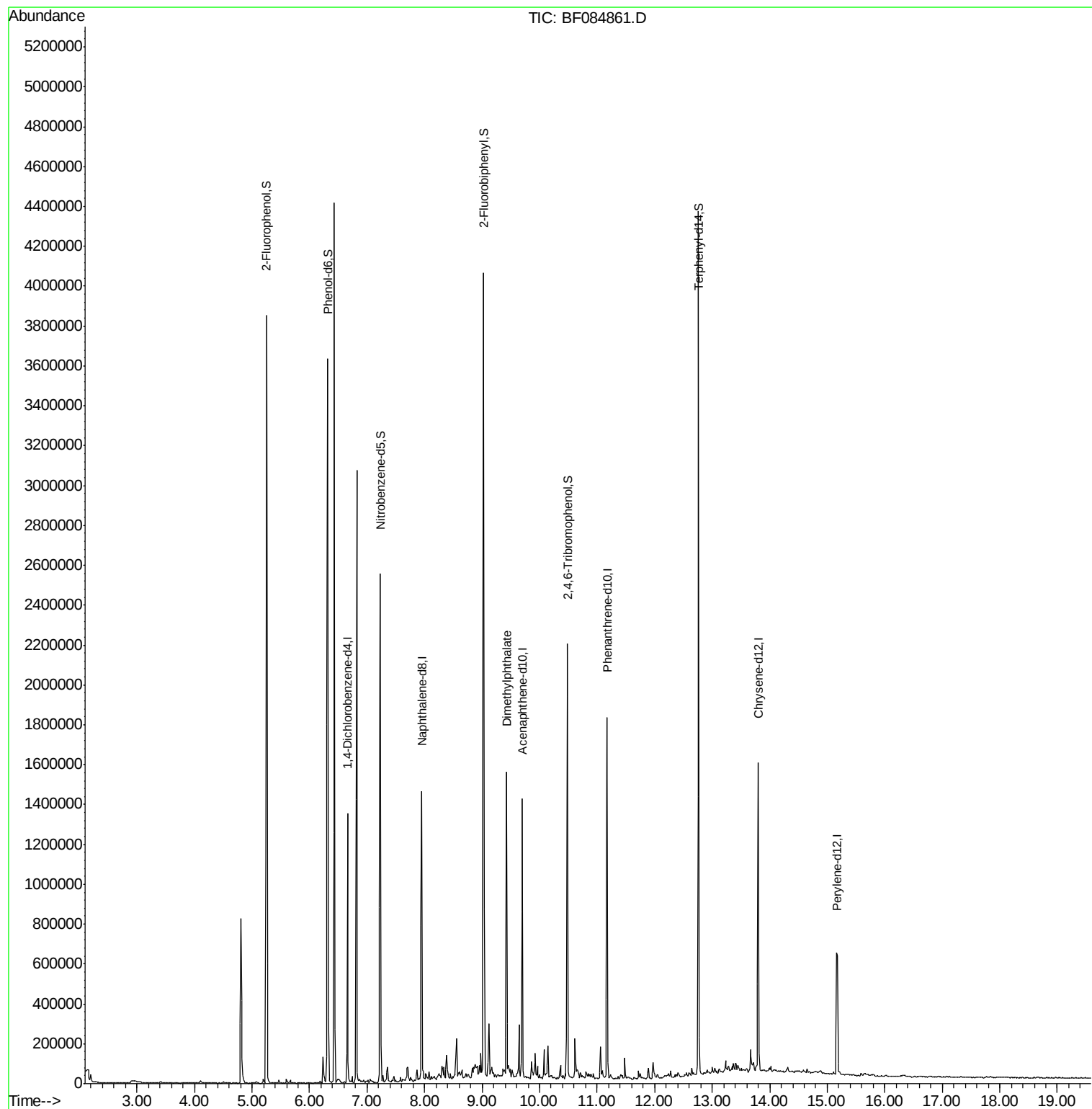
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177064	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	737634	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	327993	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	624867	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	516370	20.00	ng	-0.03
86) Perylene-d12	15.17	264	343868	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1065399	93.72	ng	-0.02
7) Phenol-d6	6.32	99	1368408	97.10	ng	-0.02
23) Nitrobenzene-d5	7.23	82	841367	64.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	390697	114.20	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1282320	59.70	ng	-0.03
78) Terphenyl-d14	12.76	244	1316561	57.78	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	524766	21.01	ng	# 90

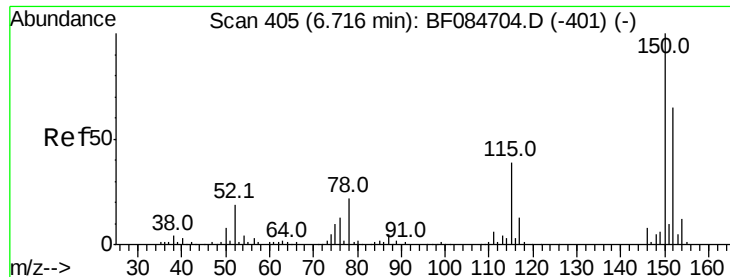
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

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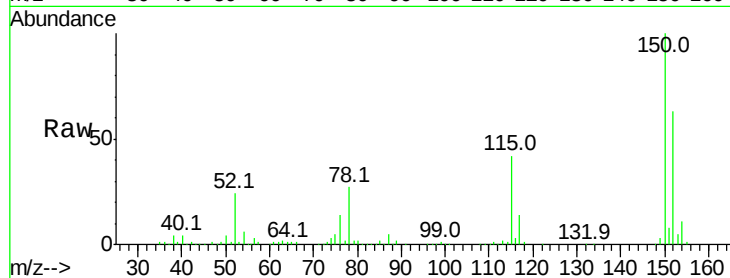
Tot Ion:152 Resp: 177064

Ion Ratio Lower Upper

152 100

150 158.2 123.0 184.4

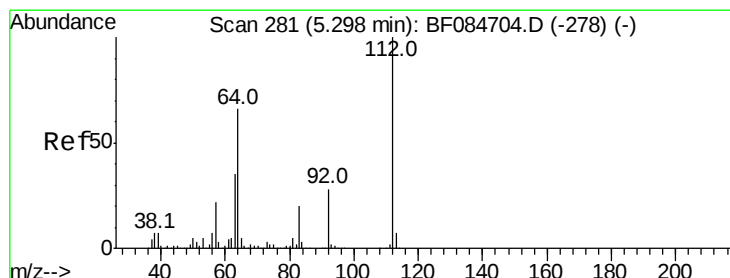
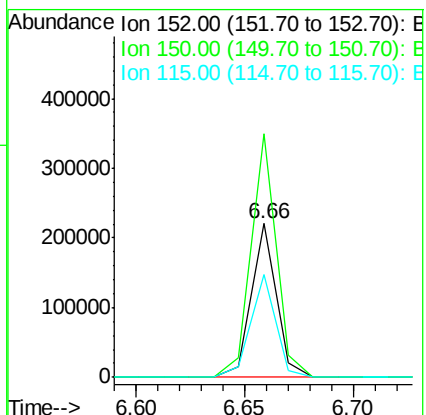
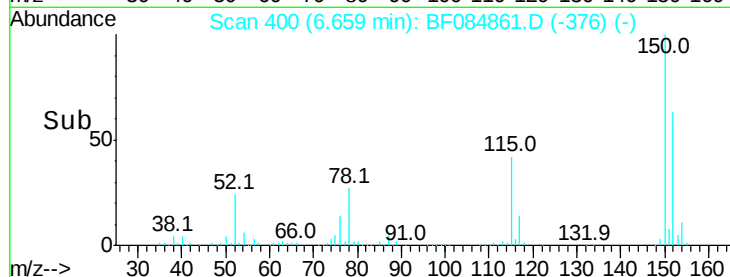
115 67.0 51.4 77.2



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: 93.72 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

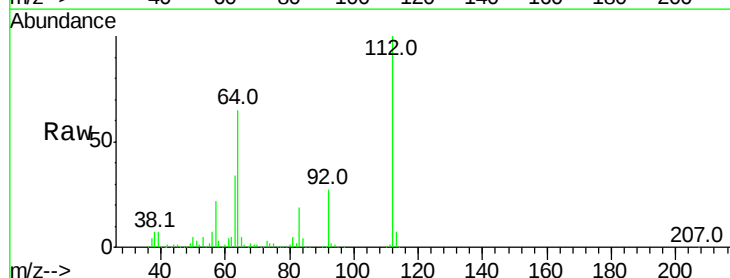
Tgt Ion:112 Resp: 1065399

Ion Ratio Lower Upper

112 100

64 64.8 36.6 55.0#

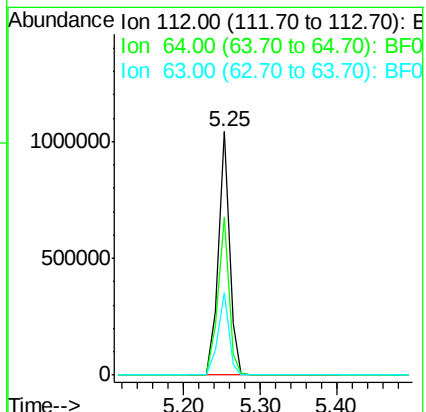
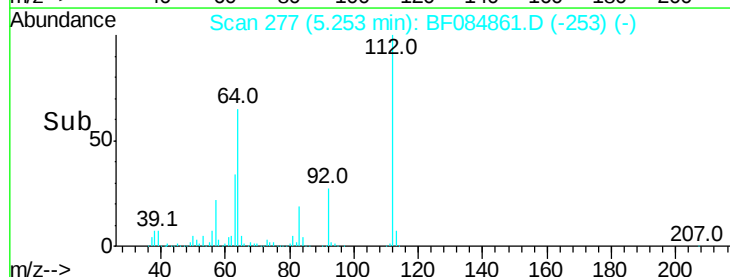
63 34.0 19.4 29.0#

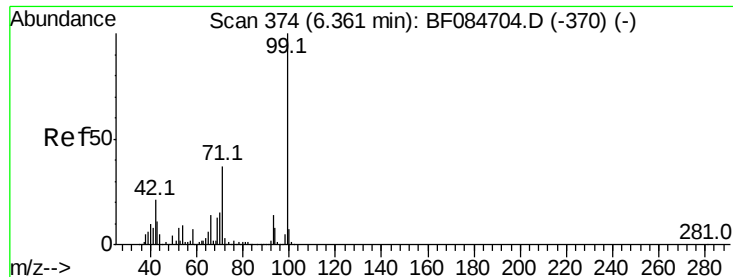


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.10 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Instrument :

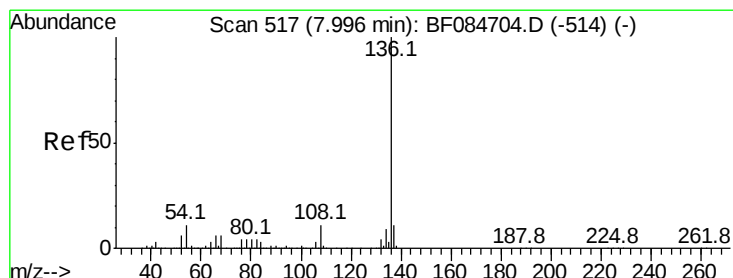
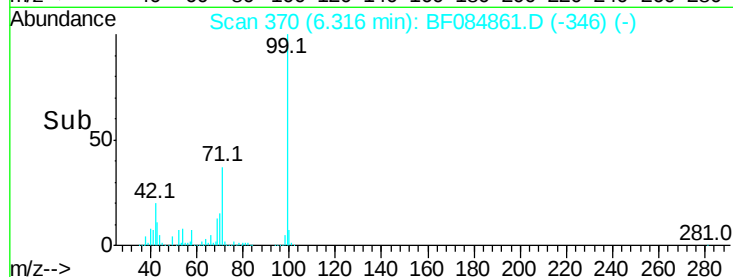
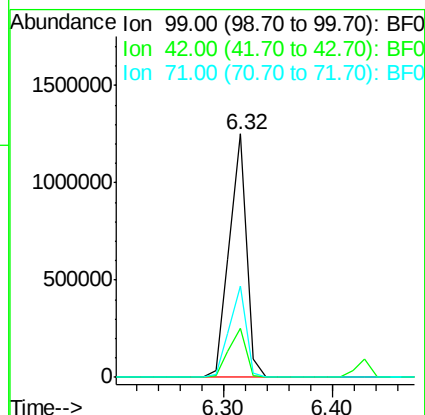
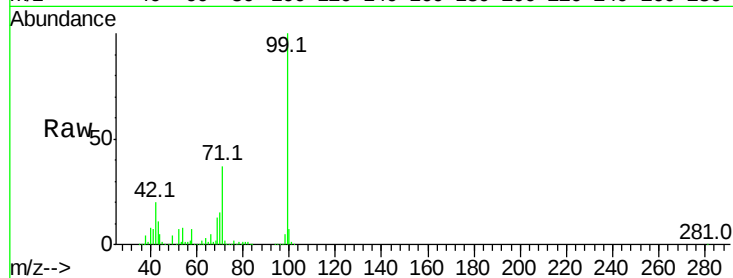
BNA_F

ClientSampleId :

DRUM-196-242-COMPOSITE

Tot Ion: 99 Resp: 1368408

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	37.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

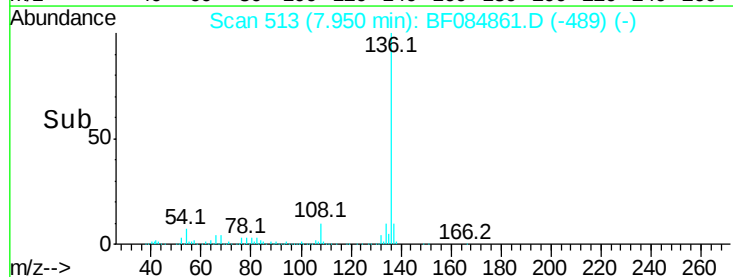
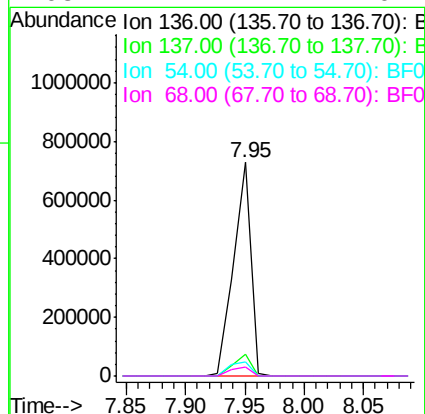
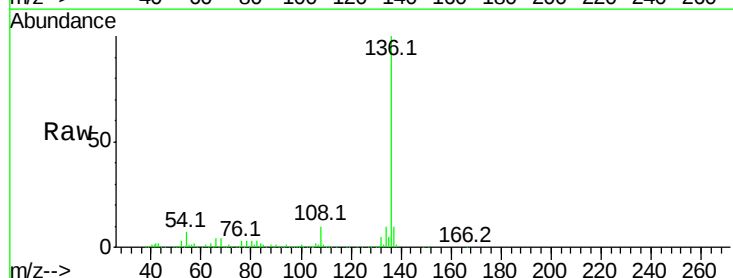
Delta R.T. -0.02 min

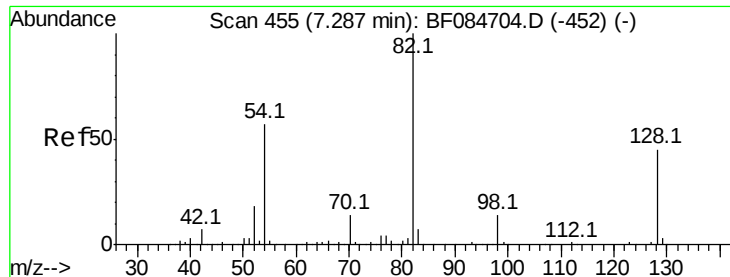
Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Tgt Ion: 136 Resp: 737634

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.7	5.8	8.8
68	4.1	4.2	6.2#

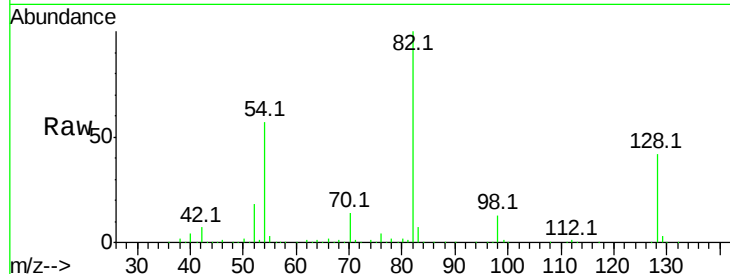




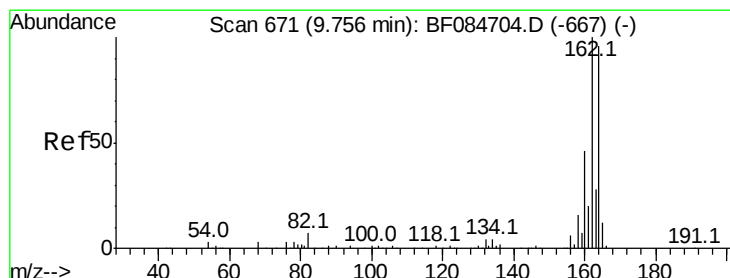
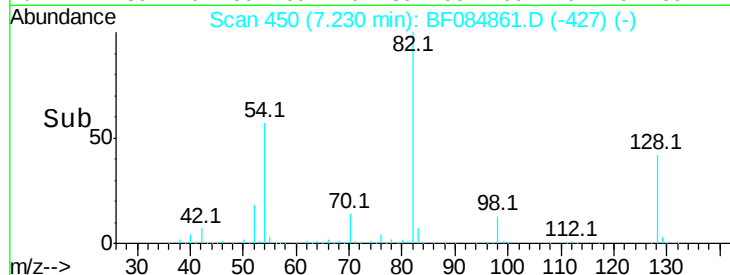
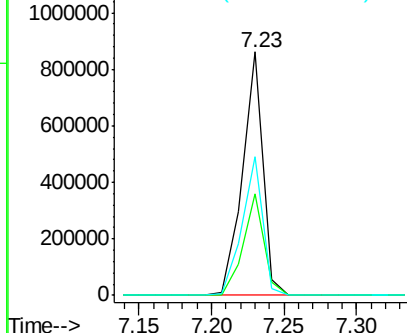
#23
 Nitrobenzene-d5
 Concen: 64.25 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084861.D
 Acq: 5 Feb 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-196-242-COMPOSITE

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	57.0	38.4	57.6

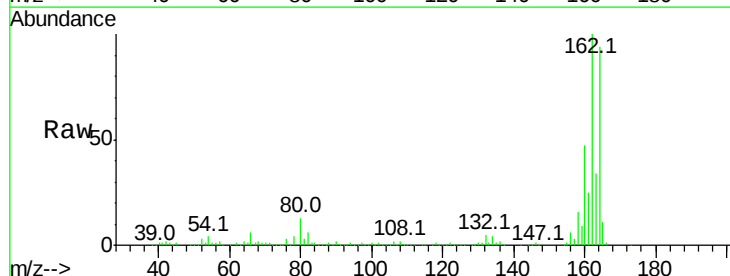


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

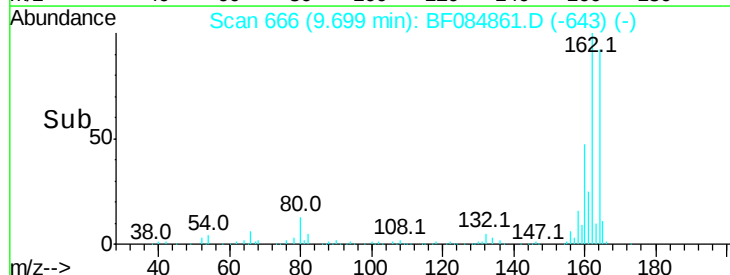
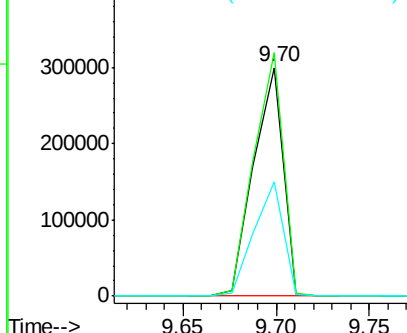


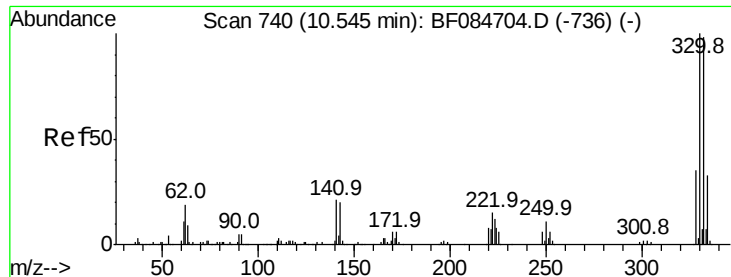
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084861.D
 Acq: 5 Feb 2016 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.1	127.7
160	50.3	37.5	56.3



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

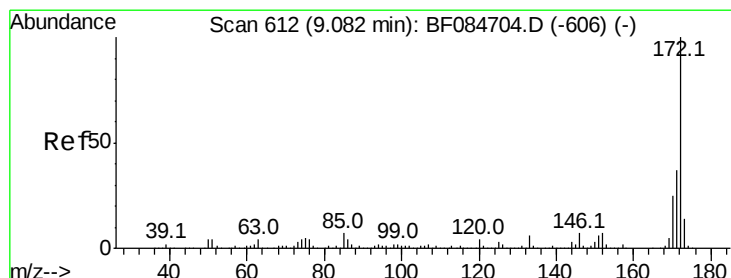
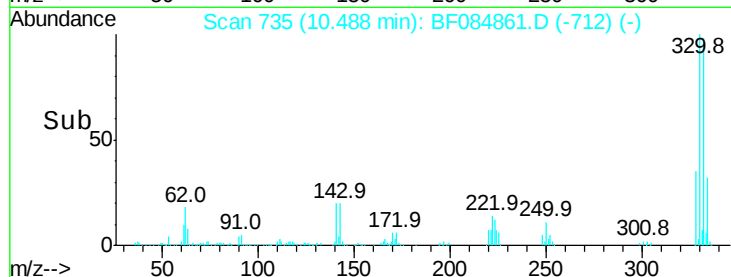
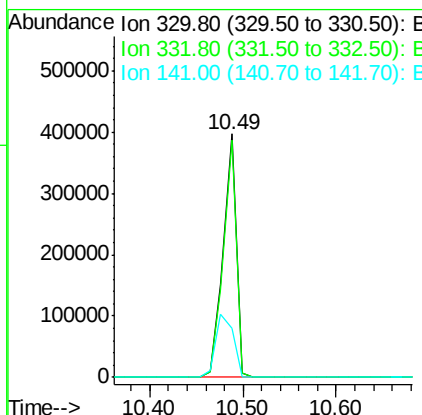
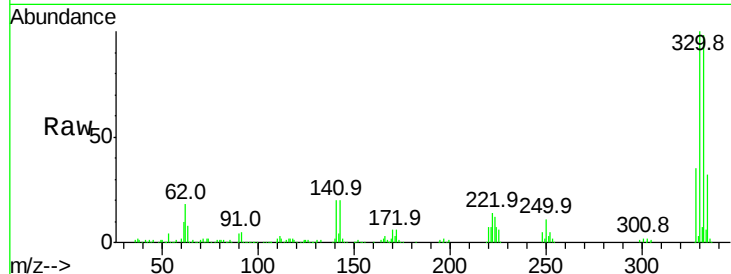




#41
 2,4,6-Tribromophenol
 Concen: 114.20 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084861.D
 Acq: 5 Feb 2016 15:56

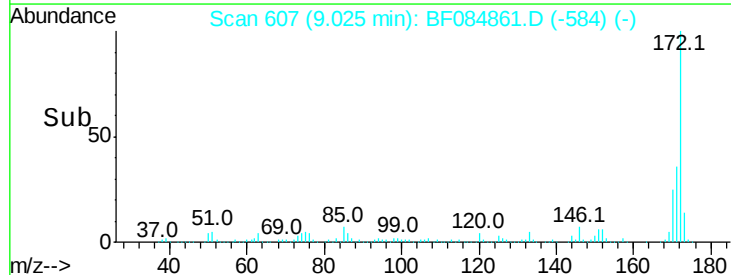
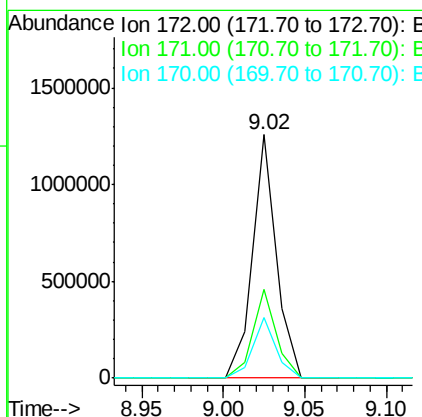
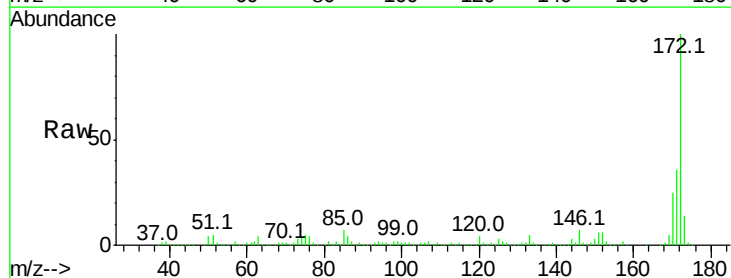
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-196-242-COMPOSITE

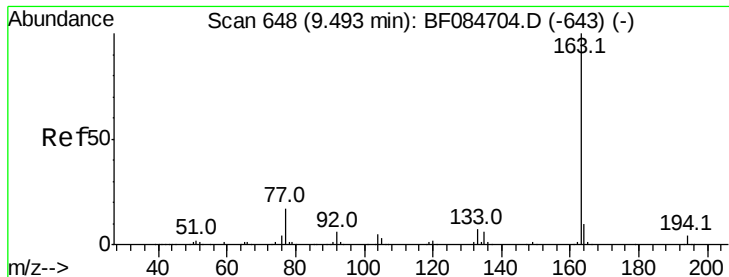
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	34.6	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 59.70 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084861.D
 Acq: 5 Feb 2016 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.7	18.6	27.8





#49

Dimethylphthalate

Concen: 21.01 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Instrument :

BNA_F

ClientSampleId :

DRUM-196-242-COMPOSITE

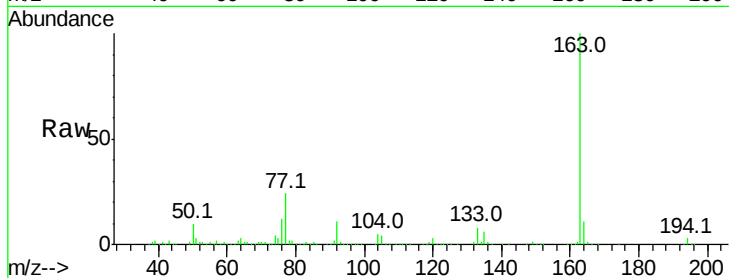
Tot Ion:163 Resp: 524766

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

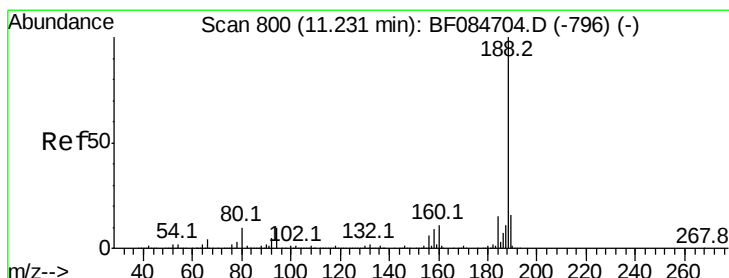
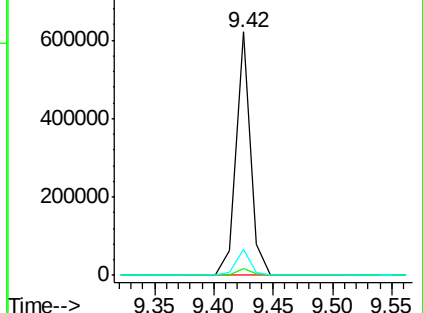
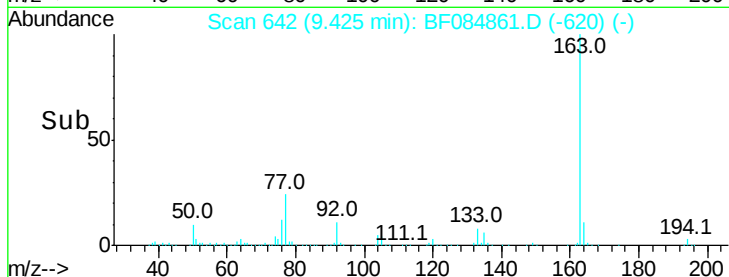
164 10.6 8.0 12.0



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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

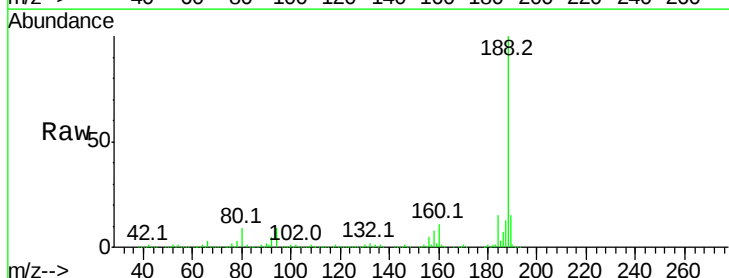
Tgt Ion:188 Resp: 624867

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

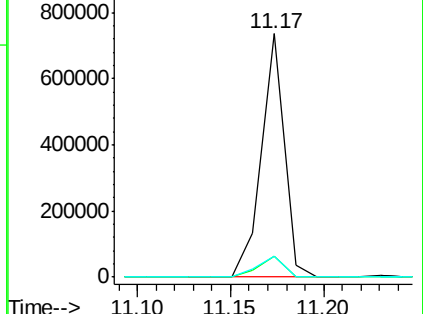
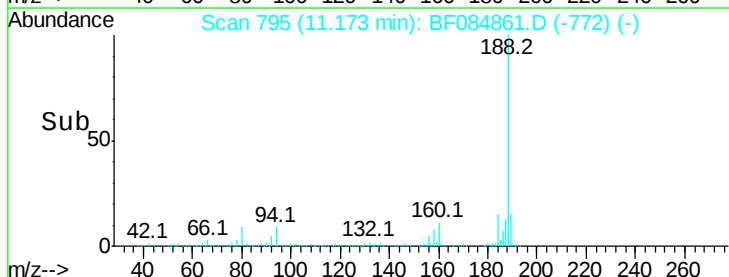
80 8.7 9.6 14.4#

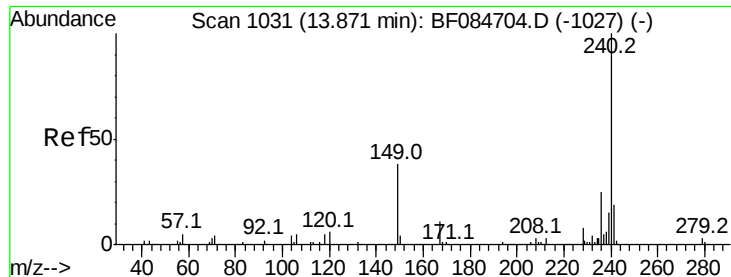


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Instrument :

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DRUM-196-242-COMPOSITE

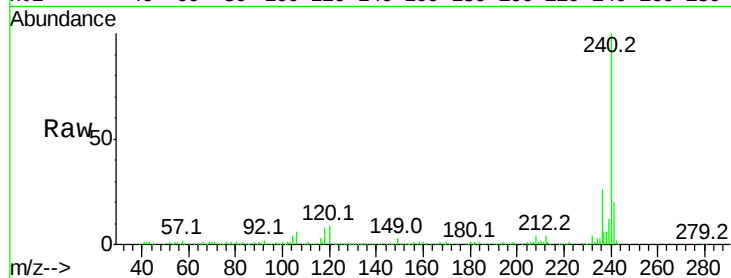
Tot Ion:240 Resp: 516370

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

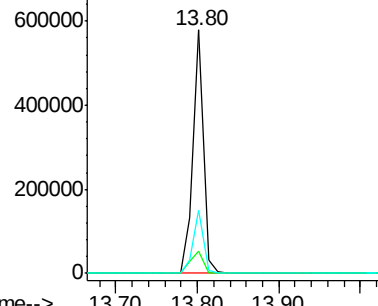
236 25.8 20.6 31.0



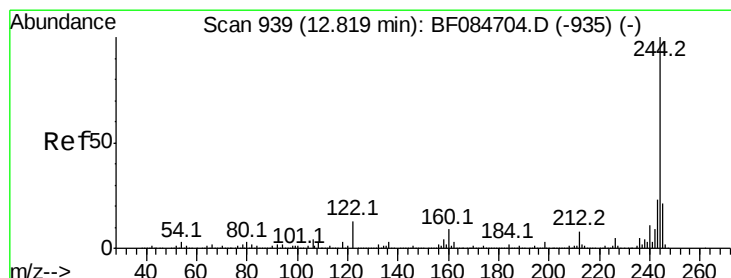
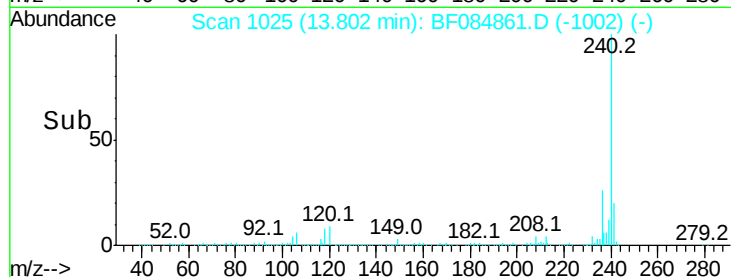
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.80 13.90



#78

Terphenyl-d14

Concen: 57.78 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

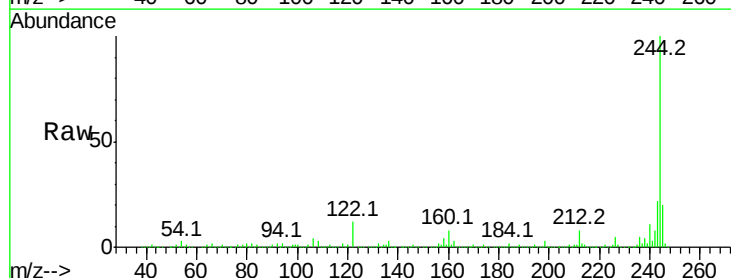
Tgt Ion:244 Resp: 1316561

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

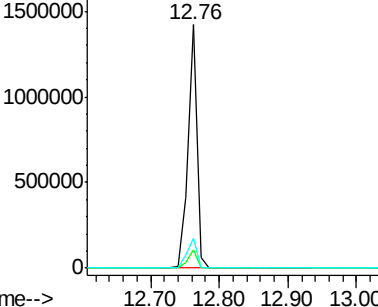
122 12.1 7.4 11.0#



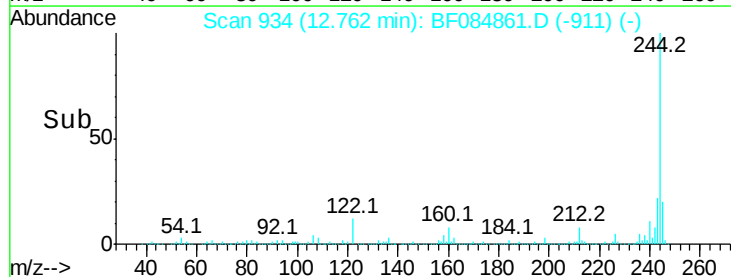
Abundance Ion 244.00 (243.70 to 244.70): E

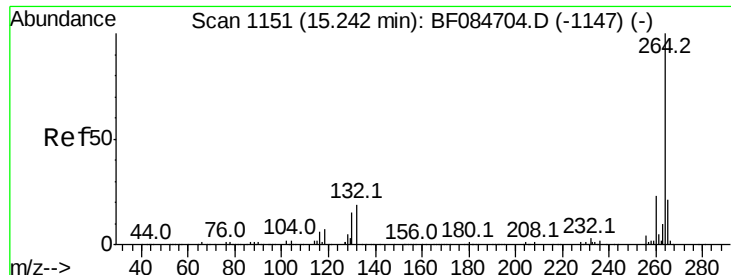
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.70 12.80 12.90 13.00





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084861.D
 Acq: 5 Feb 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-196-242-COMPOSITE

Tot Ion: 264 Resp: 343868
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.4 17.8 26.6

