

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084768.D
 Acq On : 3 Feb 2016 2:59
 Operator : SJ/IZ
 Sample : H1287-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B024(5-7)

Quant Time: Feb 03 06:48:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

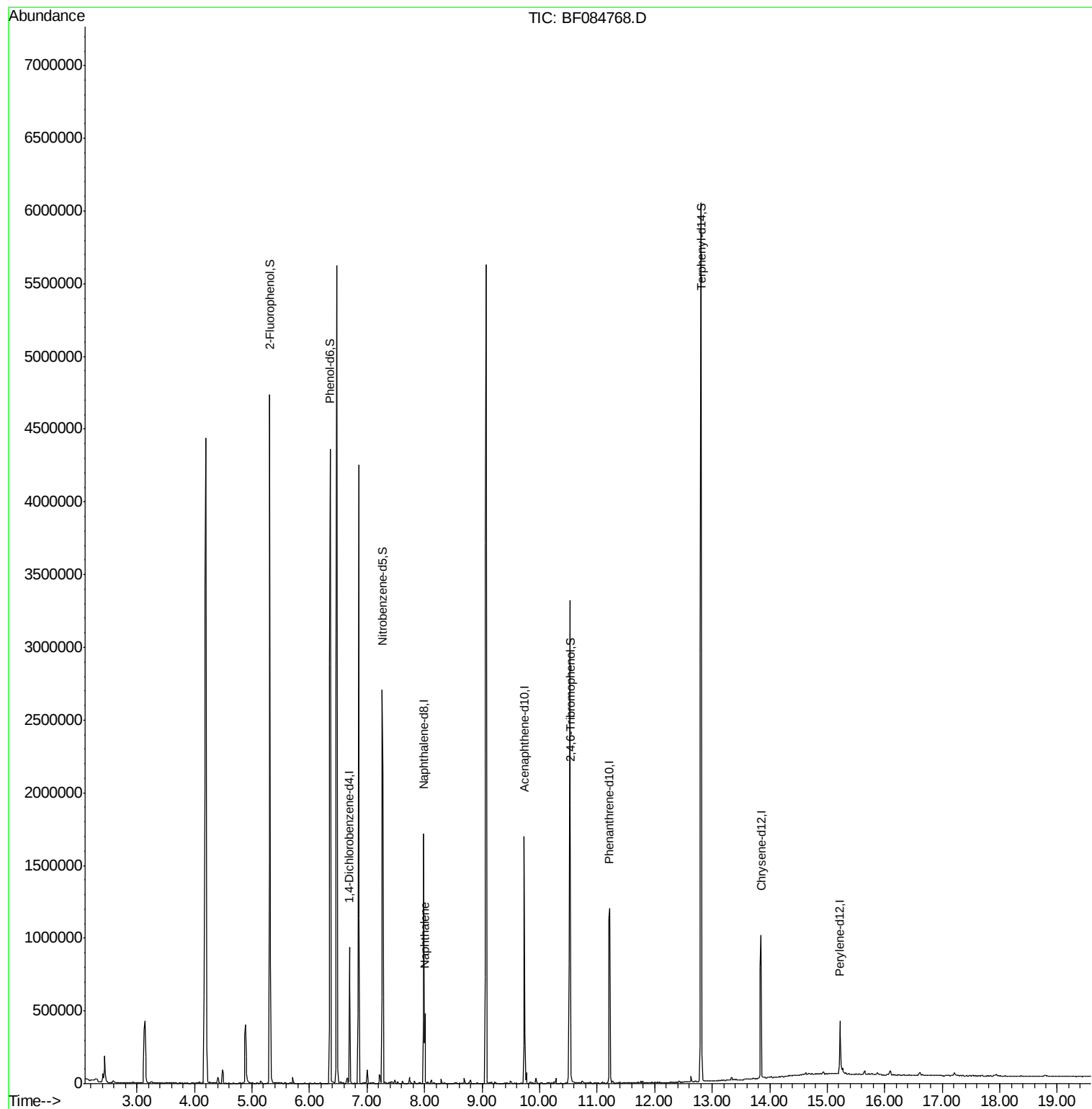
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	180383	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	772339	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	319601	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	652450	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	460370	20.00	ng	-0.02
86) Perylene-d12	15.22	264	122278	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1365000	117.87	ng	0.00
7) Phenol-d6	6.36	99	1781427	124.08	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1270037	92.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	578516	173.54	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	2290757	-20.00	ng	-0.02
78) Terphenyl-d14	12.81	244	2035940	100.21	ng	-0.02
Target Compounds						
31) Naphthalene	8.01	128	231150	5.97	ng	Qvalue 97

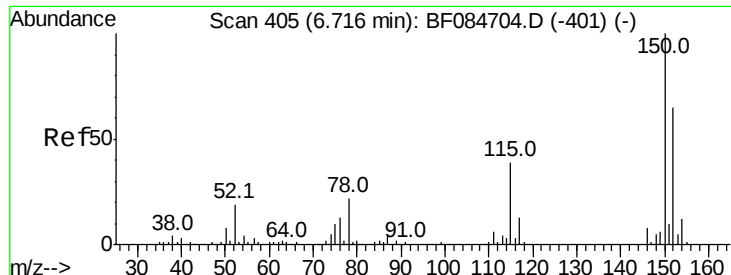
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SUP-B024(5-7)

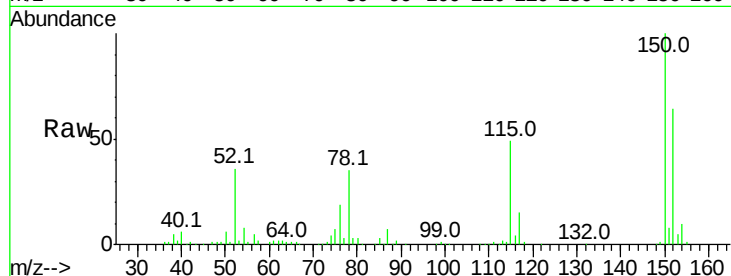
Tot Ion:152 Resp: 180383

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

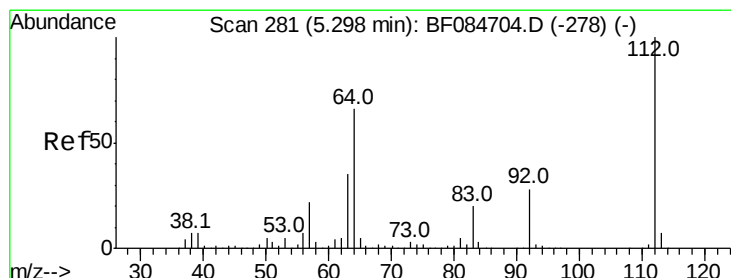
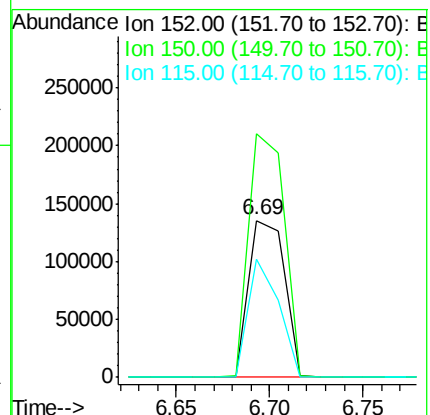
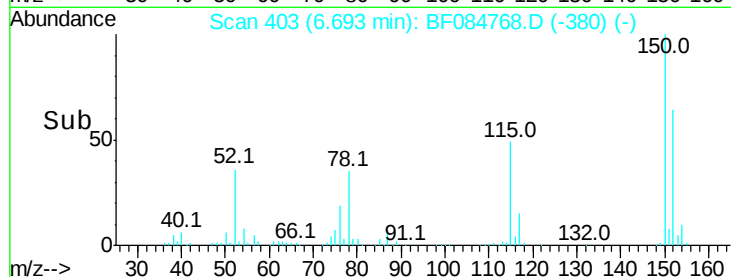
115 75.6 51.4 77.2



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: 117.87 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

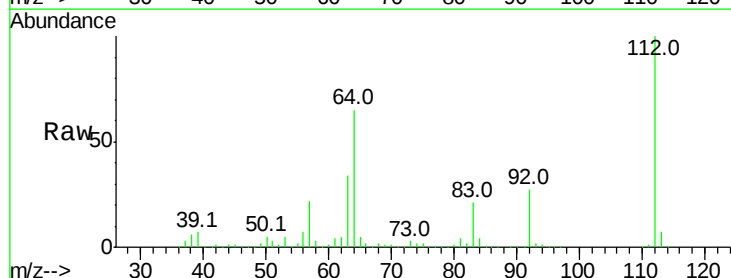
Tgt Ion:112 Resp: 1365000

Ion Ratio Lower Upper

112 100

64 65.0 36.6 55.0#

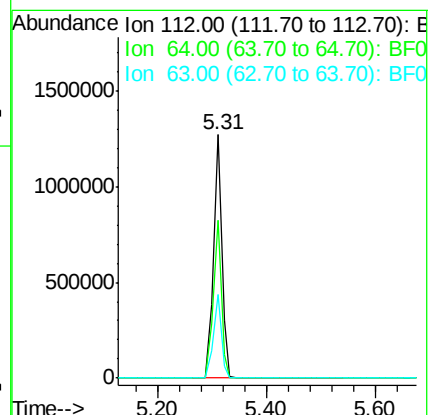
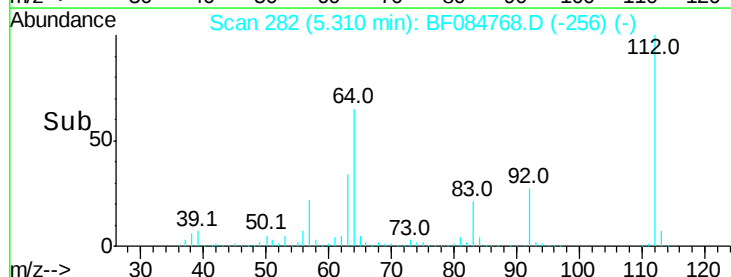
63 34.2 19.4 29.0#

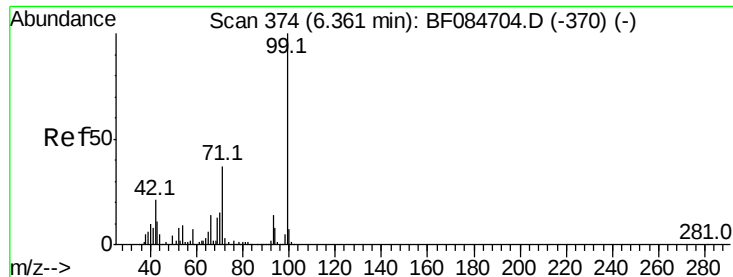


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.08 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

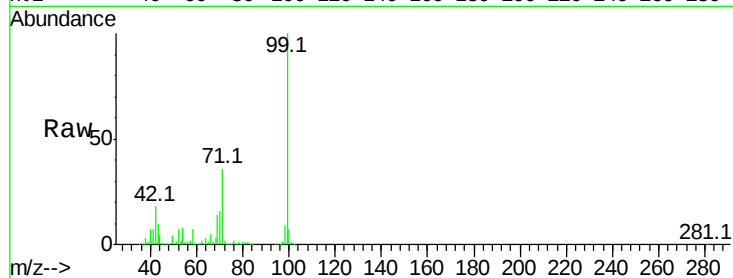
BNA_F

ClientSampleId :

SUP-B024(5-7)

Tot Ion: 99 Resp: 1781427

Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.8	19.2
71	36.0	30.9	46.3

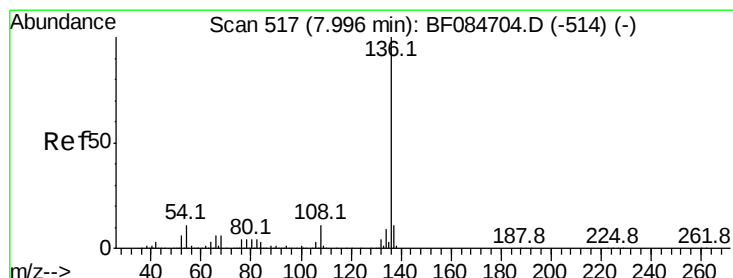
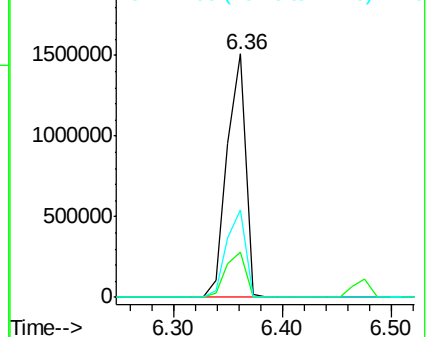
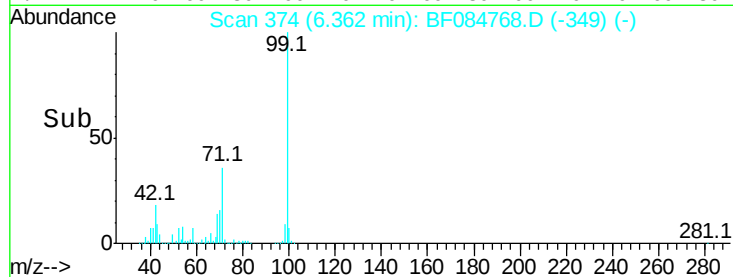


Abundance

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: 7.98 min Scan# 516

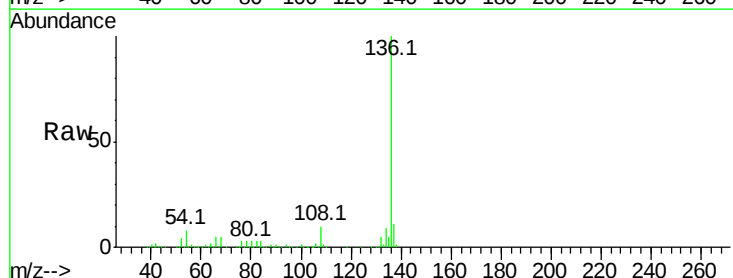
Delta R.T. -0.03 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Tgt Ion: 136 Resp: 772339

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	5.8	8.8
68	4.8	4.2	6.2



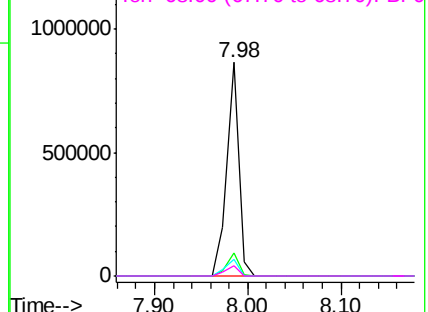
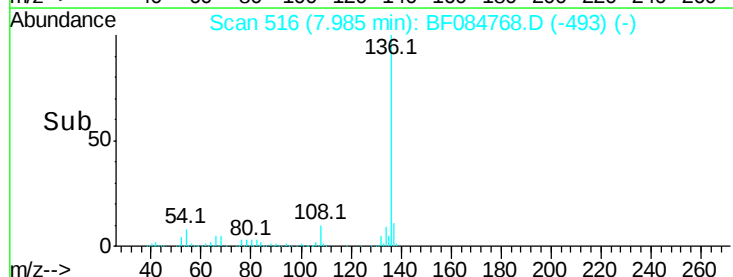
Abundance

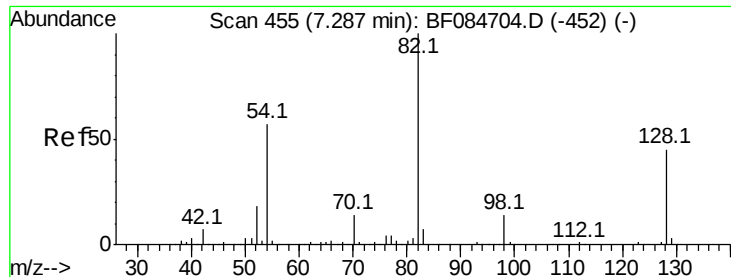
Ion 136.00 (135.70 to 136.70): E

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: 92.63 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SUP-B024(5-7)

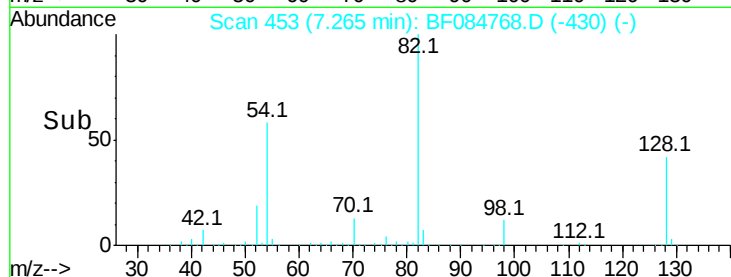
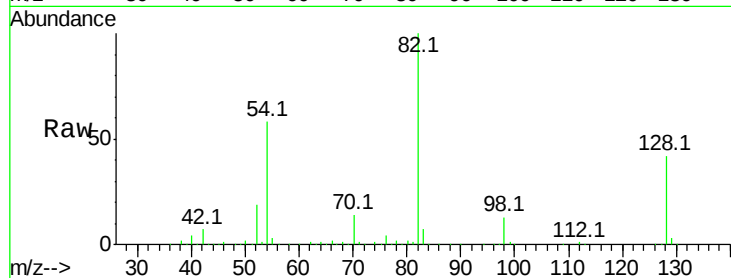
Tot Ion: 82 Resp: 1270037

Ion Ratio Lower Upper

82 100

128 42.1 34.6 51.8

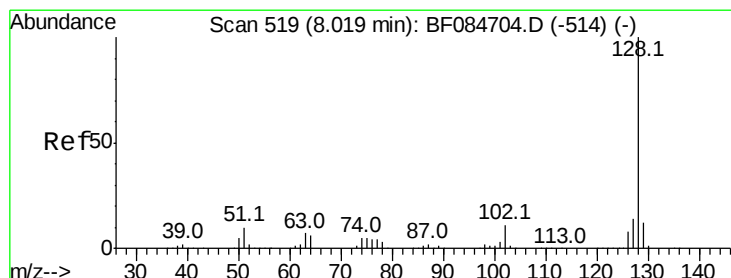
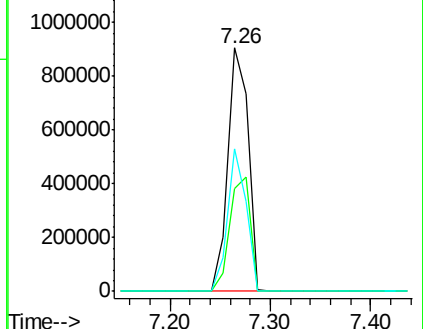
54 58.4 38.4 57.6#



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



#31

Naphthalene

Concen: 5.97 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

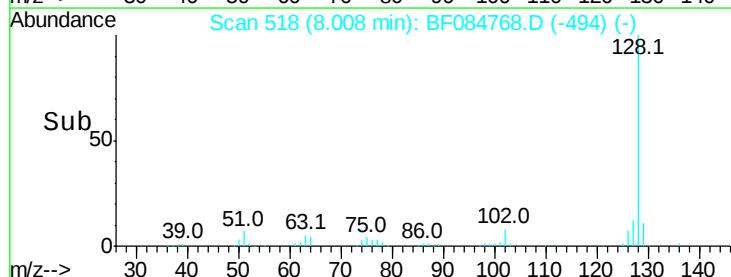
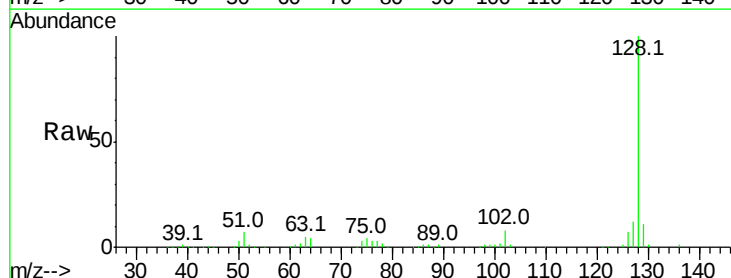
Tgt Ion: 128 Resp: 231150

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

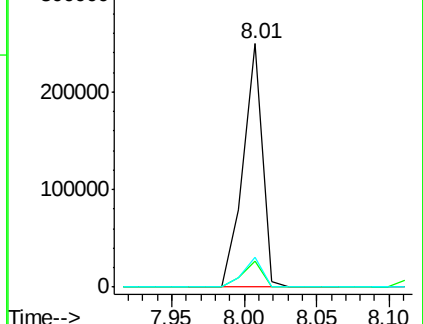
127 12.3 11.1 16.7

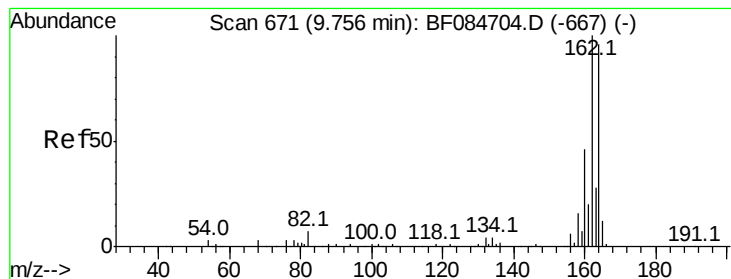


Abundance Ion 128.00 (127.70 to 128.70): E

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: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SUP-B024(5-7)

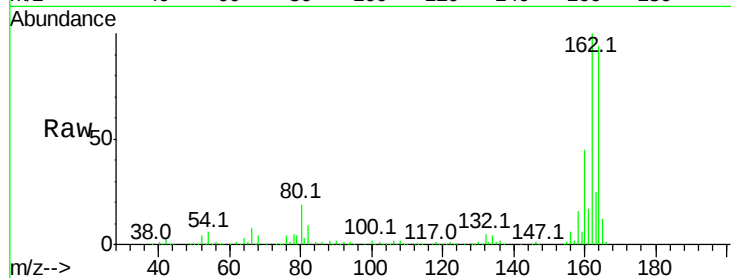
Tot Ion:164 Resp: 319601

Ion Ratio Lower Upper

164 100

162 106.9 85.1 127.7

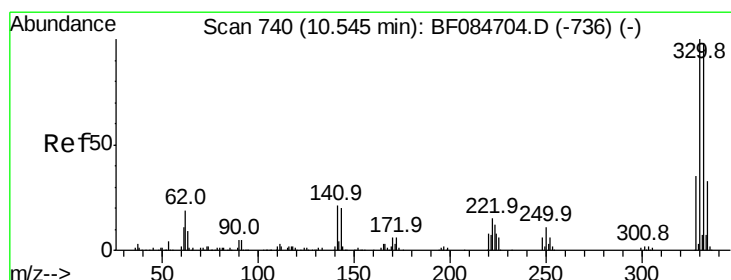
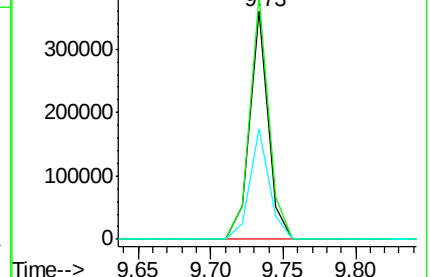
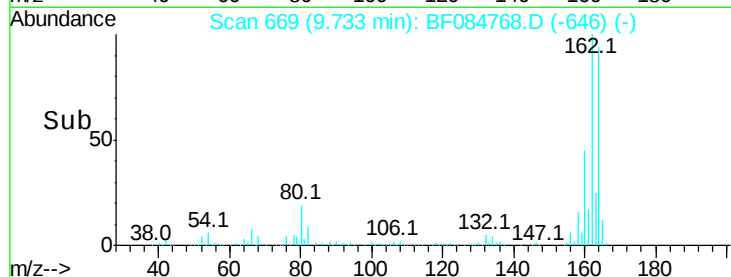
160 48.2 37.5 56.3



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: 173.54 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

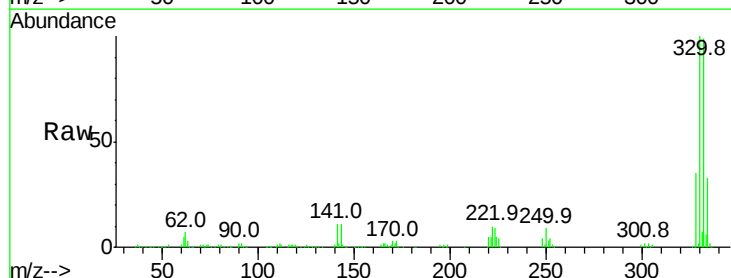
Tgt Ion:330 Resp: 578516

Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

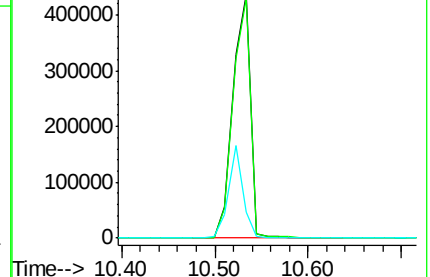
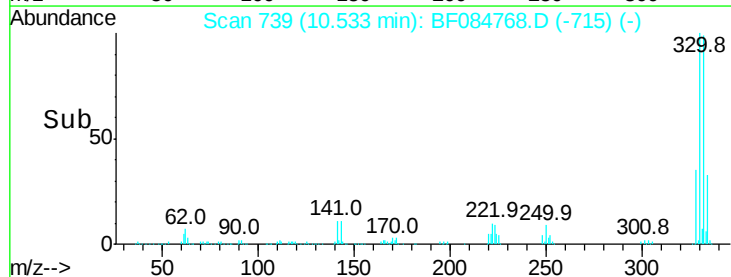
141 31.4 27.8 41.6

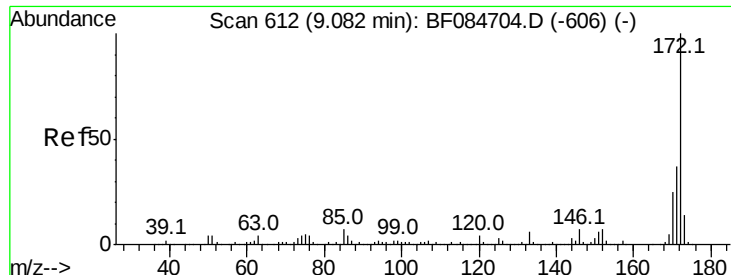


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



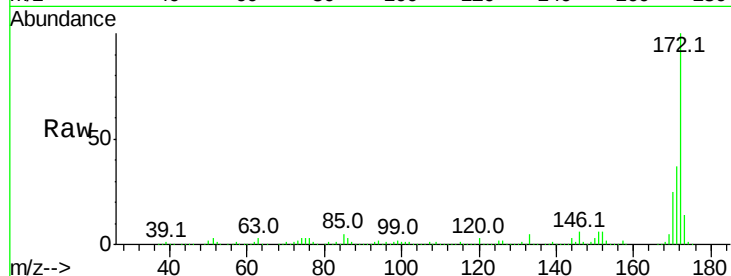


#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084768.D
 Acq: 3 Feb 2016 2:59

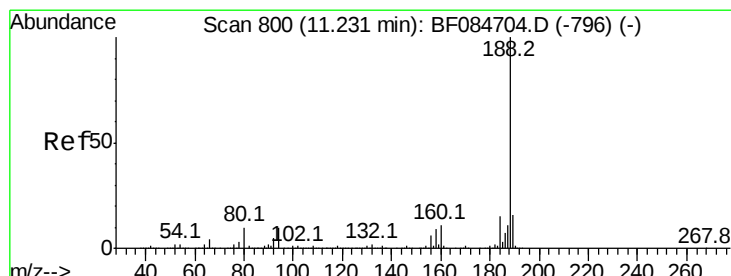
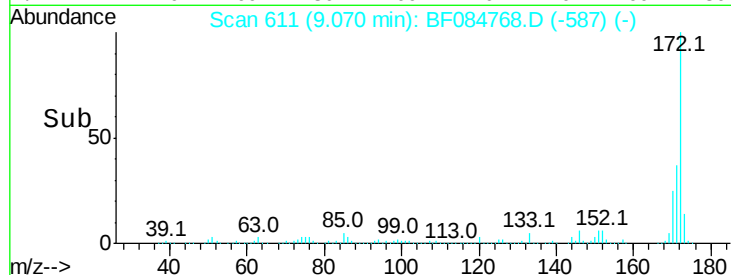
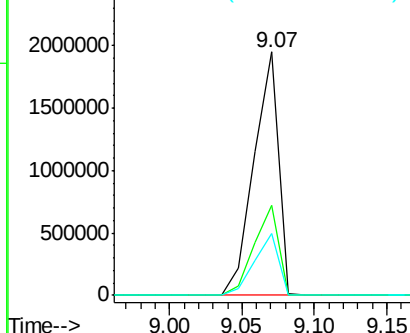
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B024(5-7)

Tot Ion:172 Resp: 2290757

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.5	18.6	27.8



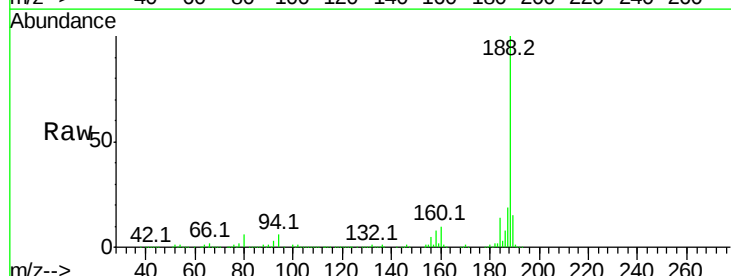
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



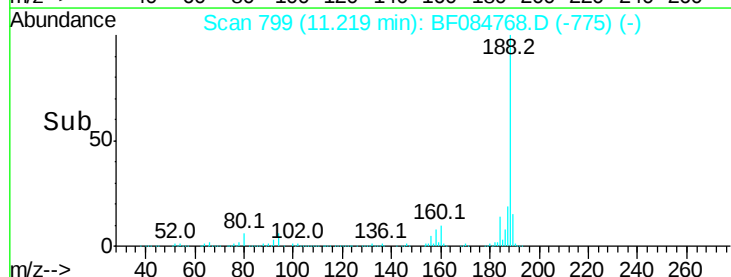
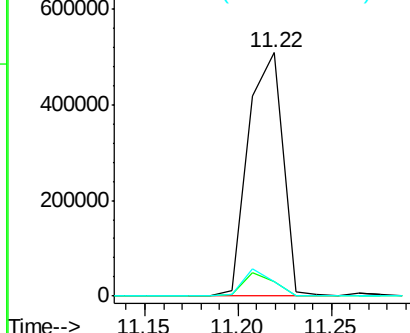
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF084768.D
 Acq: 3 Feb 2016 2:59

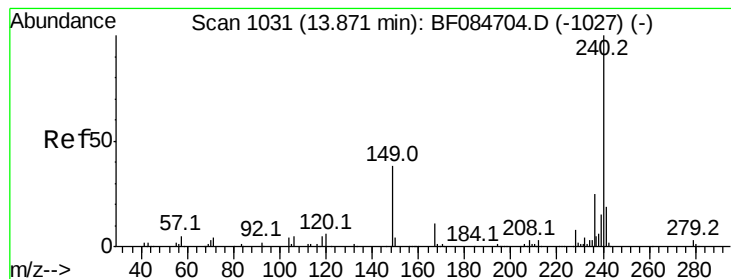
Tgt Ion:188 Resp: 652450

Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.0	13.4#
80	5.9	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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SUP-B024(5-7)

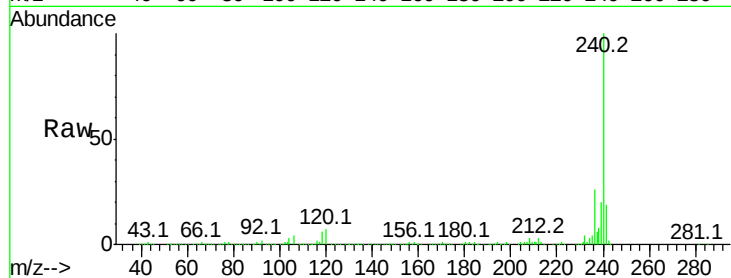
Tot Ion:240 Resp: 460370

Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

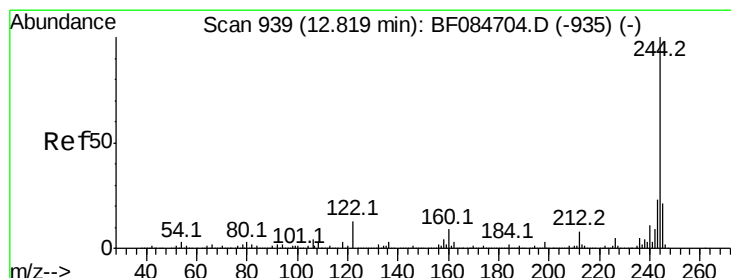
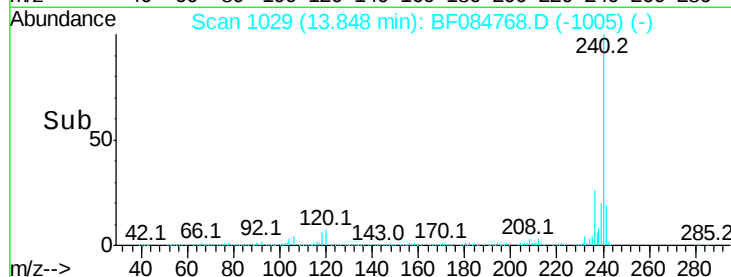
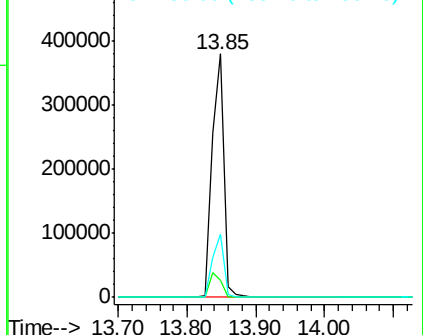
236 25.9 20.6 31.0



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: 100.21 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

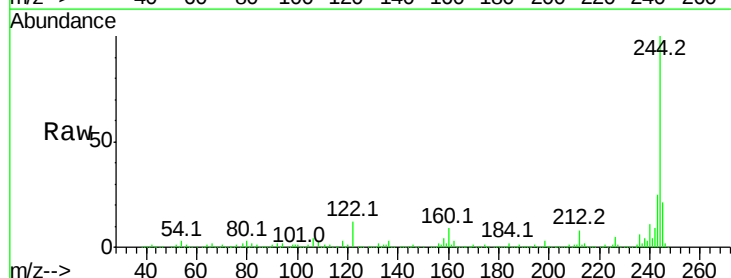
Tgt Ion:244 Resp: 2035940

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

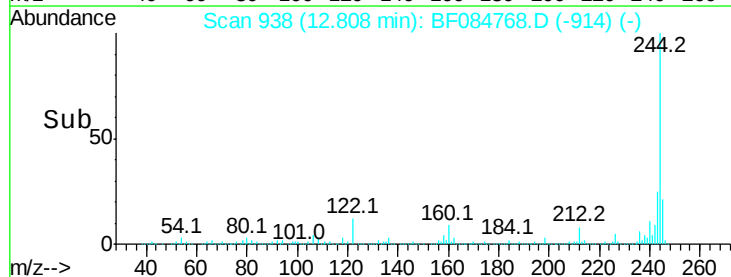
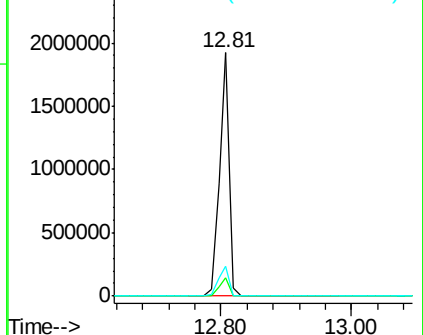
122 12.2 7.4 11.0#

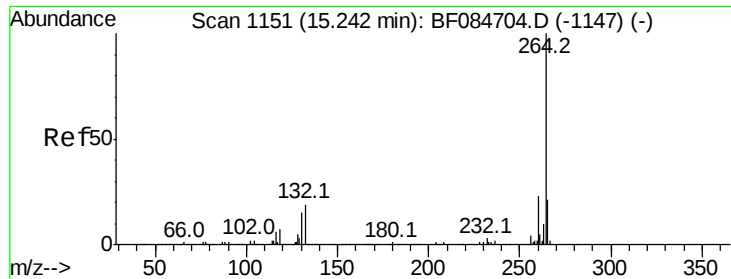


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF084768.D
 Acq: 3 Feb 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B024(5-7)

Tot Ion: 264 Resp: 122278
 Ion Ratio Lower Upper
 264 100
 260 27.4 19.4 29.2
 265 19.8 17.8 26.6

