

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084904.D
 Acq On : 6 Feb 2016 11:45
 Operator : SJ/IZ
 Sample : PB88196BL
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BL

Quant Time: Feb 08 02:28:01 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	162153	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	639529	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	280774	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	502984	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	334525	20.00	ng	-0.03
86) Perylene-d12	15.17	264	322689	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1083844	104.11	ng	-0.02
7) Phenol-d6	6.32	99	1440740	111.63	ng	-0.02
23) Nitrobenzene-d5	7.23	82	852907	75.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	332401	113.50	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1361634	80.09	ng	-0.03
78) Terphenyl-d14	12.76	244	1128521	76.44	ng	-0.03

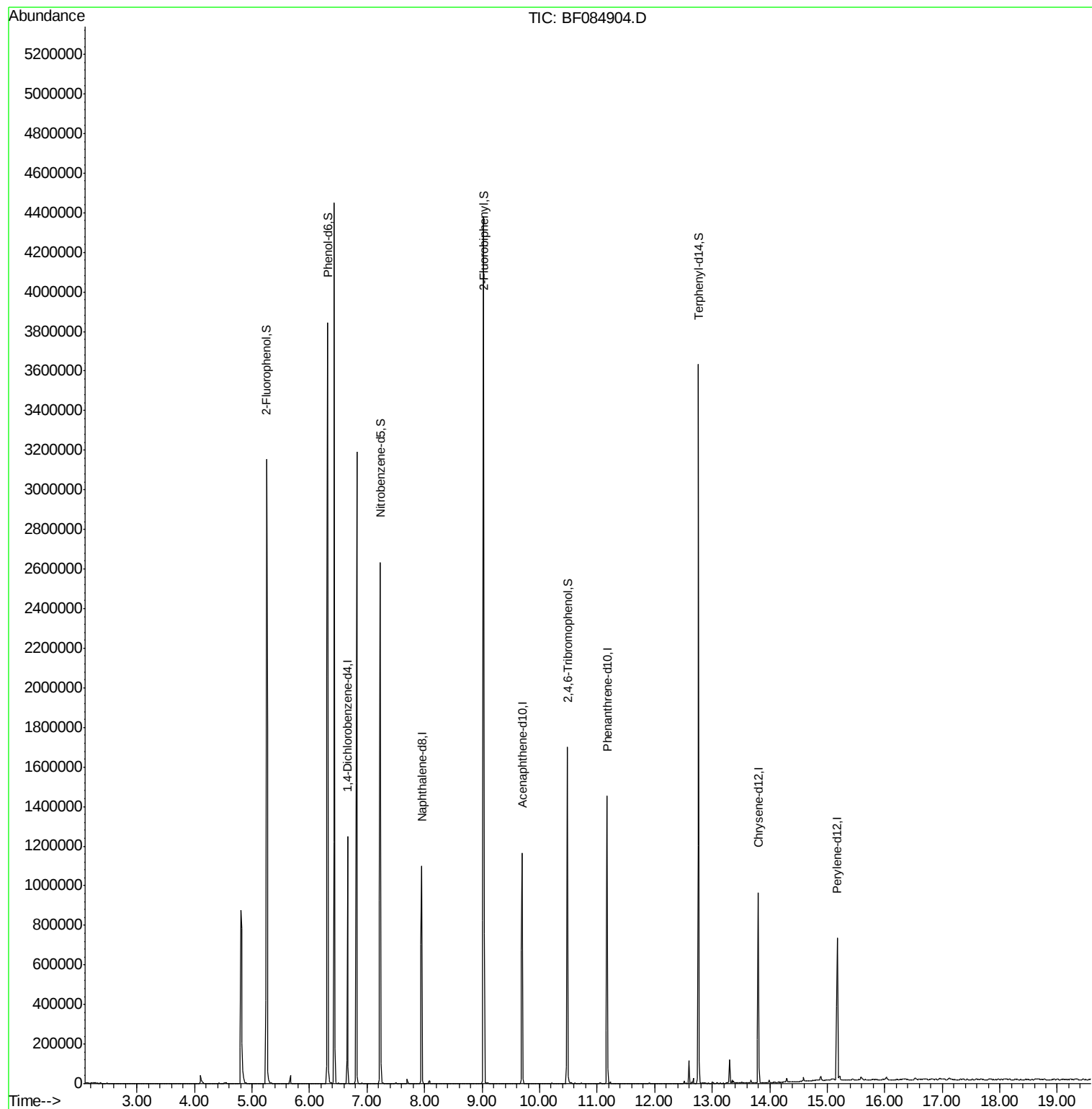
Target Compounds Qvalue

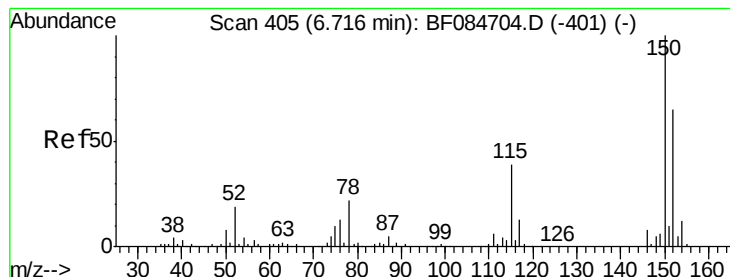
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF084904.D

Acq: 6 Feb 2016 11:45

Instrument :

BNA_F

ClientSampleId :

PB88196BL

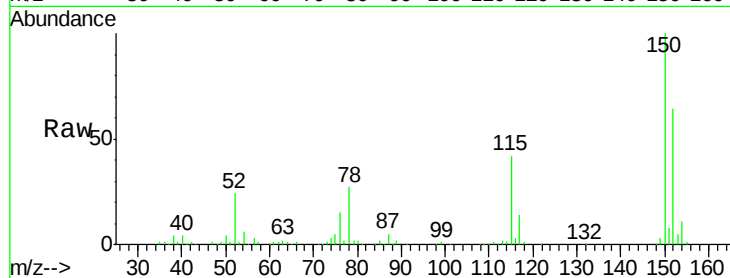
Tot Ion:152 Resp: 162153

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

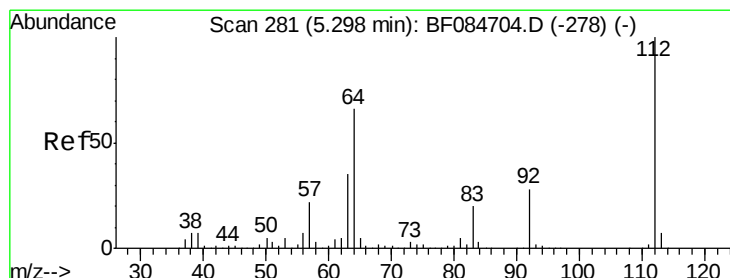
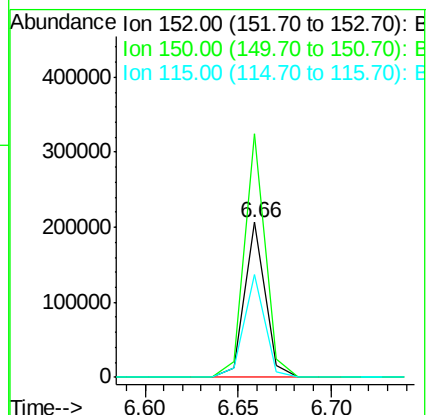
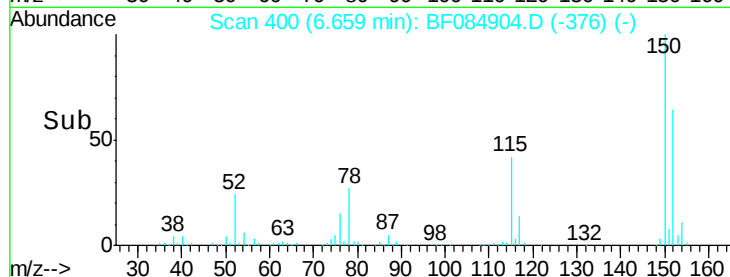
115 66.4 51.4 77.2



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: 104.11 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084904.D

Acq: 6 Feb 2016 11:45

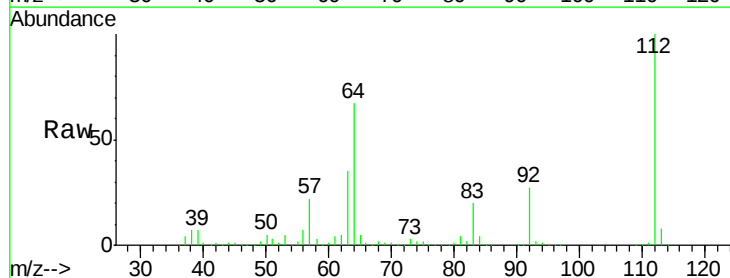
Tgt Ion:112 Resp: 1083844

Ion Ratio Lower Upper

112 100

64 67.0 36.6 55.0#

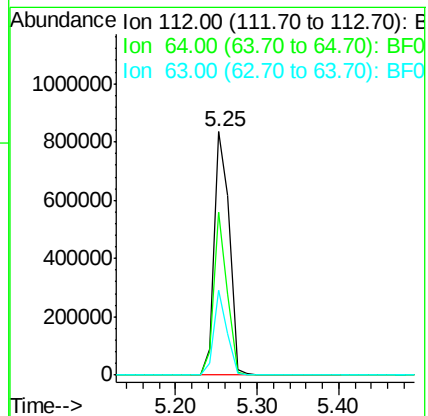
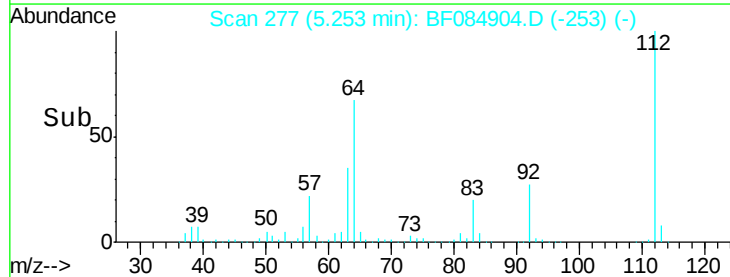
63 35.0 19.4 29.0#

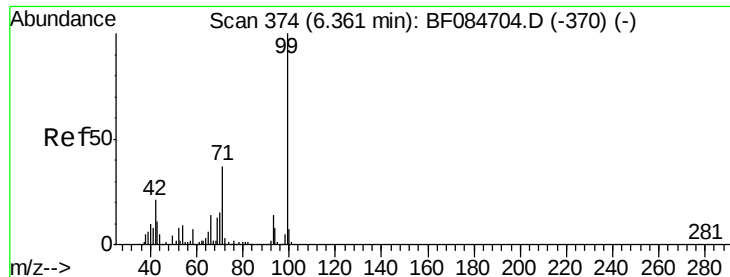


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.63 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084904.D

Acq: 6 Feb 2016 11:45

Instrument :

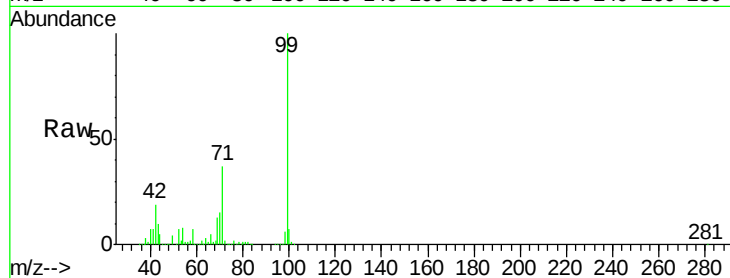
BNA_F

ClientSampleId :

PB88196BL

Tot Ion: 99 Resp: 1440740

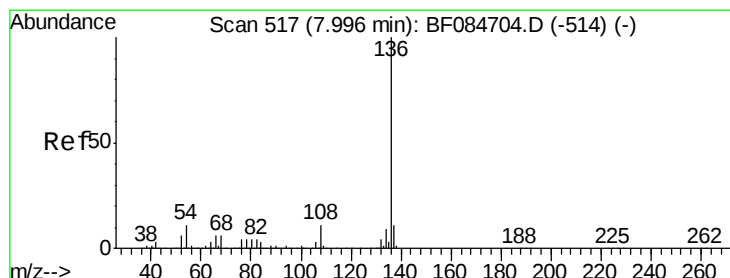
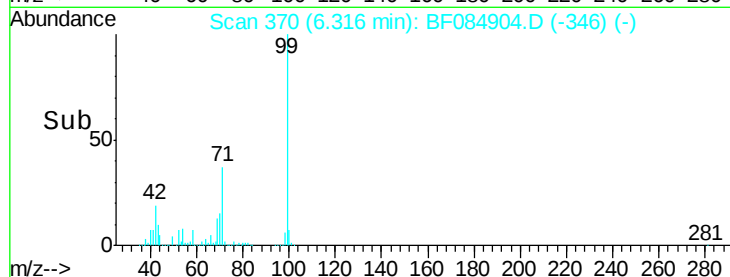
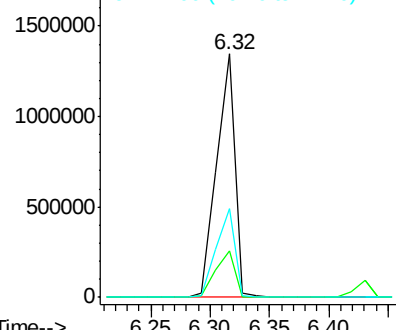
Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.8	19.2
71	36.6	30.9	46.3



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: 7.95 min Scan# 513

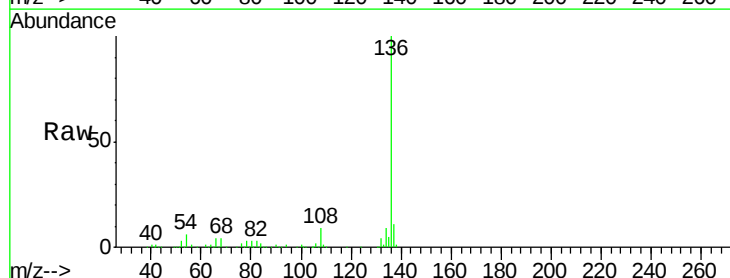
Delta R.T. -0.02 min

Lab File: BF084904.D

Acq: 6 Feb 2016 11:45

Tgt Ion: 136 Resp: 639529

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.0	5.8	8.8
68	3.8	4.2	6.2#

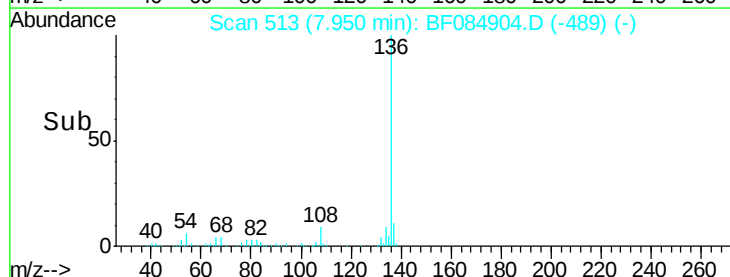
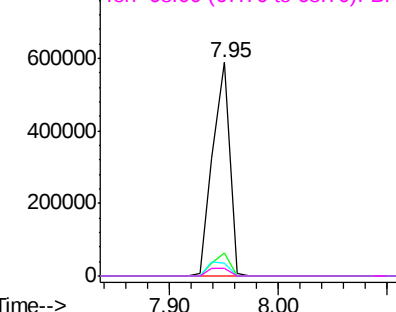


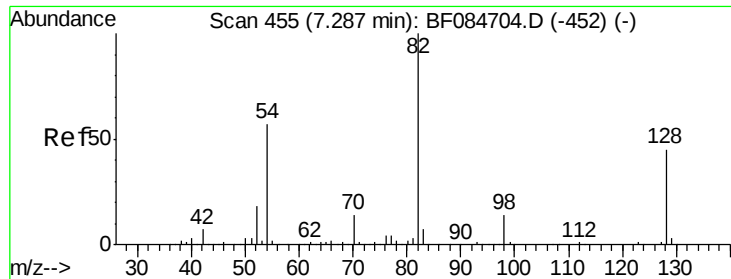
Abundance Ion 136.00 (135.70 to 136.70): E

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

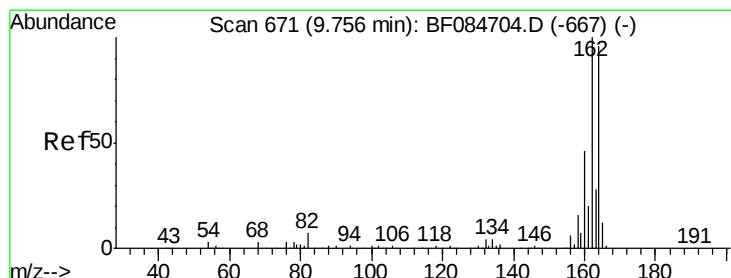
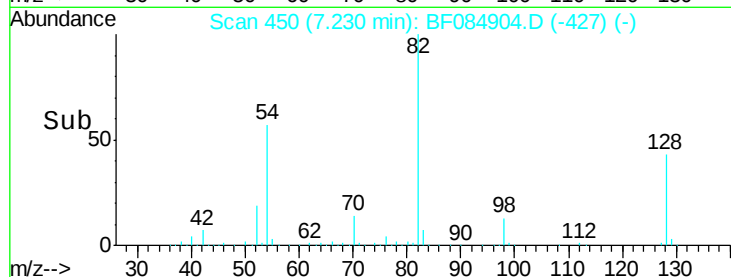
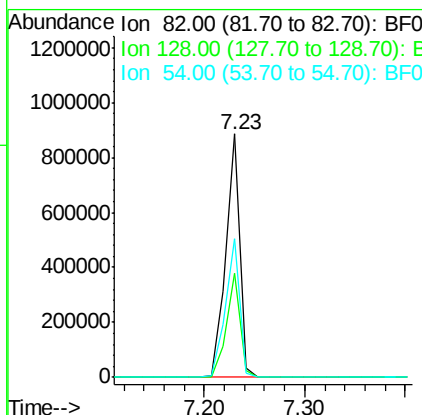
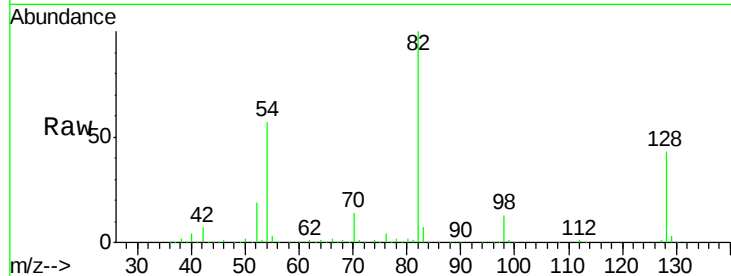




#23
 Nitrobenzene-d5
 Concen: 75.13 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084904.D
 Acq: 6 Feb 2016 11:45

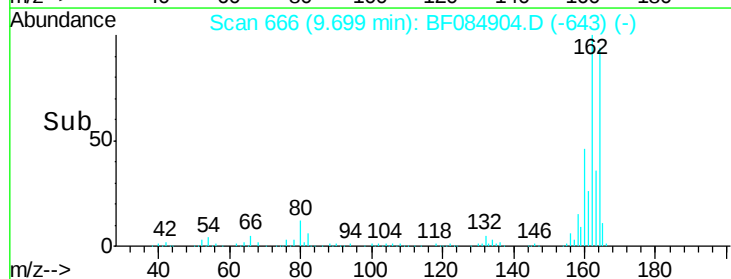
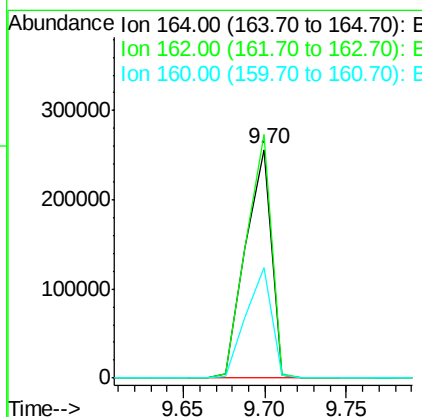
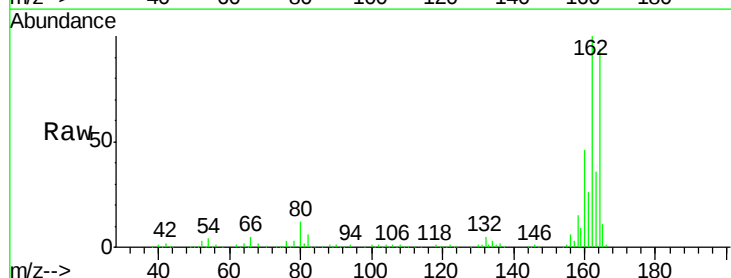
Instrument :
 BNA_F
 ClientSampleId :
 PB88196BL

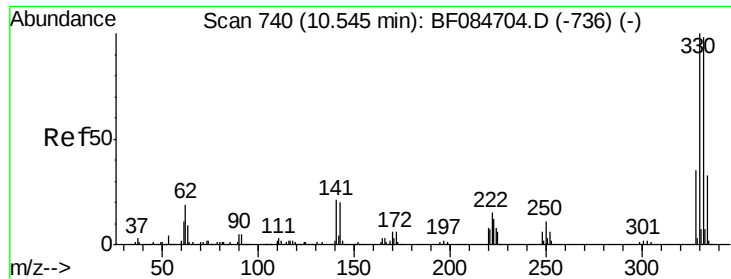
Tot Ion	82	Resp	852907
Ion Ratio	100	Lower	Upper
128	42.9	34.6	51.8
54	57.0	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084904.D
 Acq: 6 Feb 2016 11:45

Tgt Ion	164	Resp	280774
Ion Ratio	100	Lower	Upper
162	106.5	85.1	127.7
160	48.6	37.5	56.3

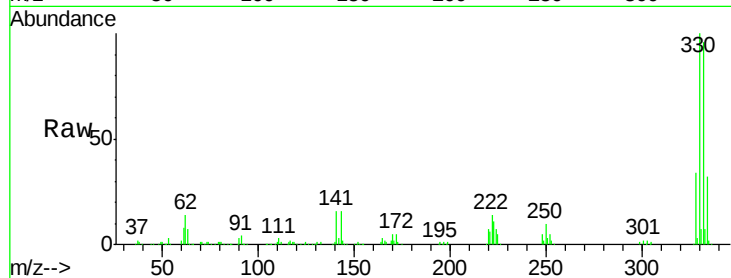




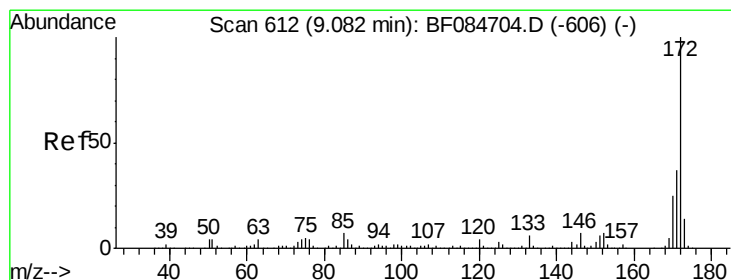
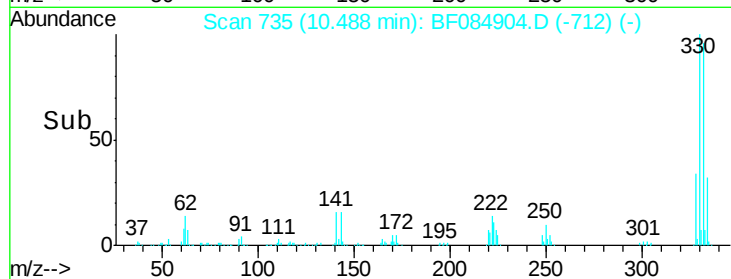
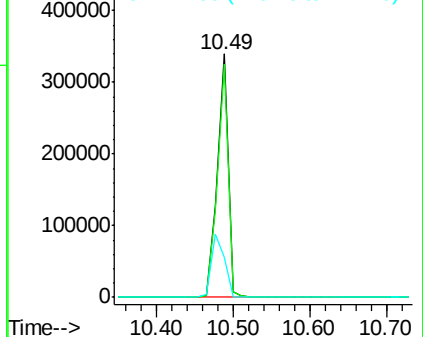
#41
 2,4,6-Tribromophenol
 Concen: 113.50 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084904.D
 Acq: 6 Feb 2016 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB88196BL

Tot Ion:330 Resp: 332401
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 30.8 27.8 41.6

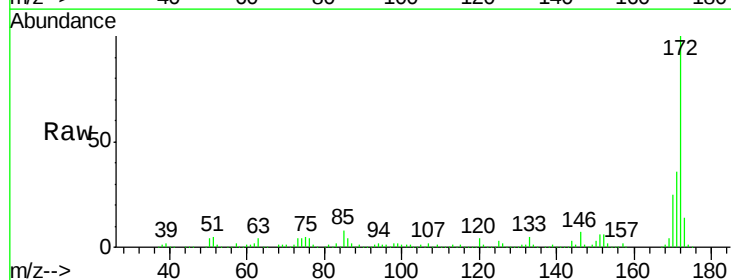


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

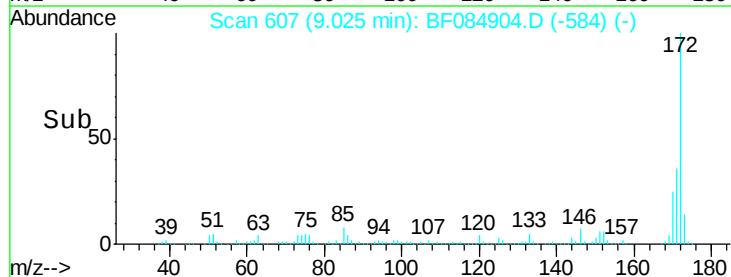
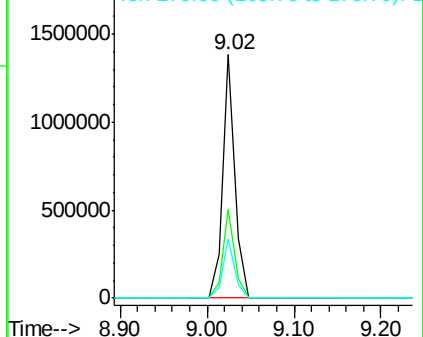


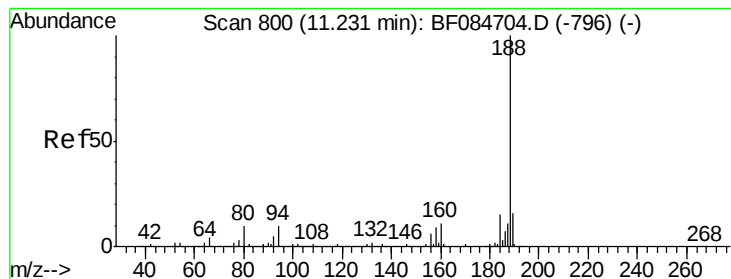
#44
 2-Fluorobiphenyl
 Concen: 80.09 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084904.D
 Acq: 6 Feb 2016 11:45

Tgt Ion:172 Resp: 1361634
 Ion Ratio Lower Upper
 172 100
 171 36.4 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084904.D

Acq: 6 Feb 2016 11:45

Instrument :

BNA_F

ClientSampleId :

PB88196BL

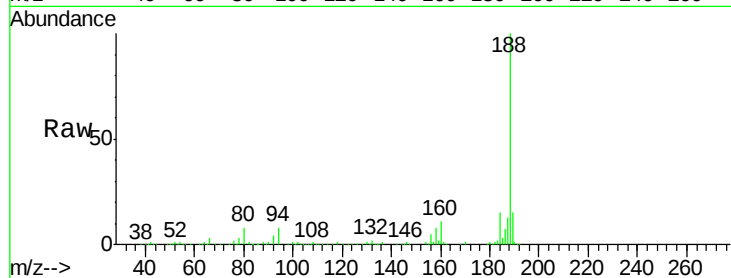
Tot Ion:188 Resp: 502984

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.4#

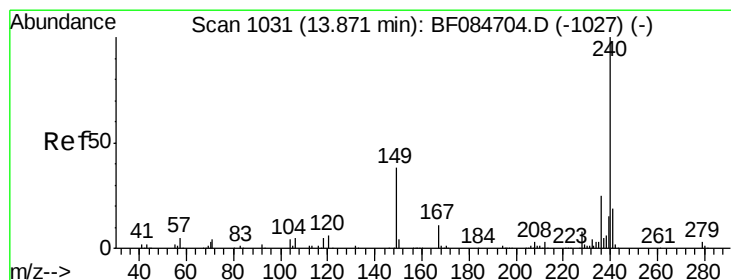
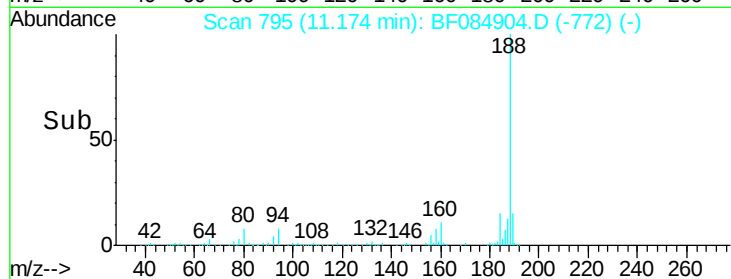
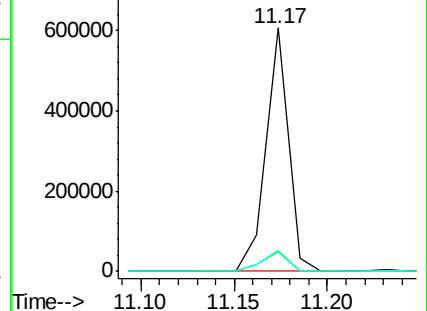
80 8.3 9.6 14.4#



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: BF084904.D

Acq: 6 Feb 2016 11:45

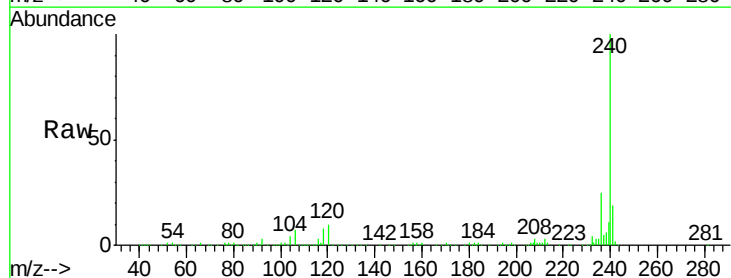
Tgt Ion:240 Resp: 334525

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

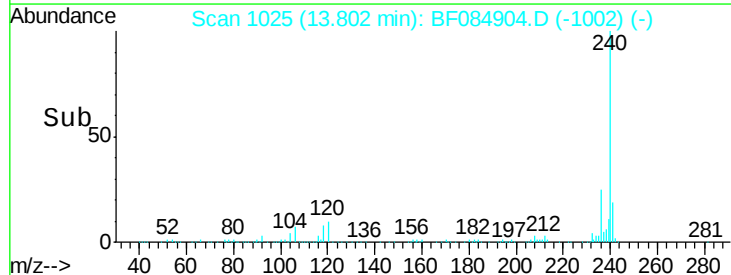
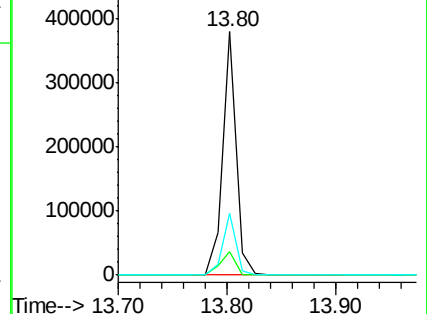
236 25.5 20.6 31.0

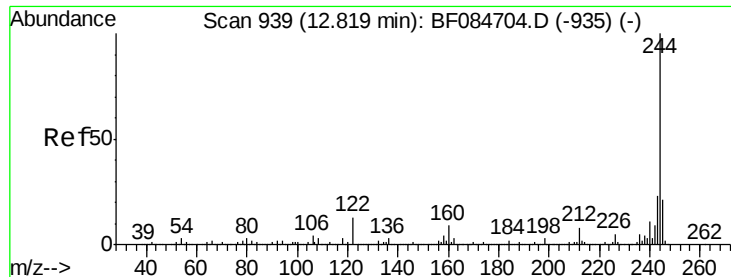


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

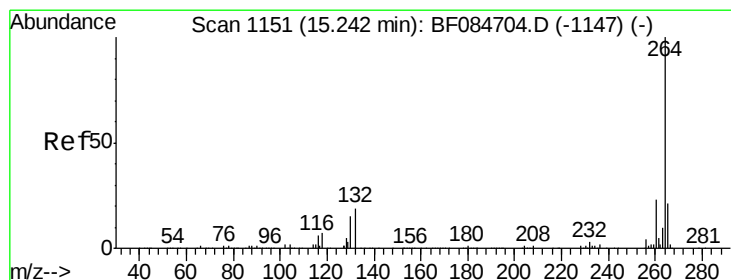
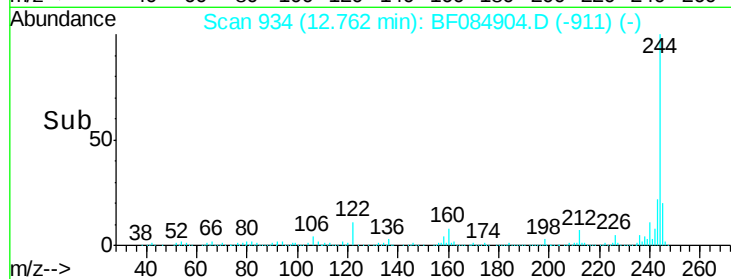
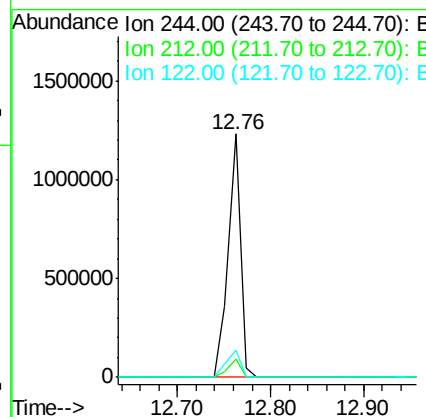
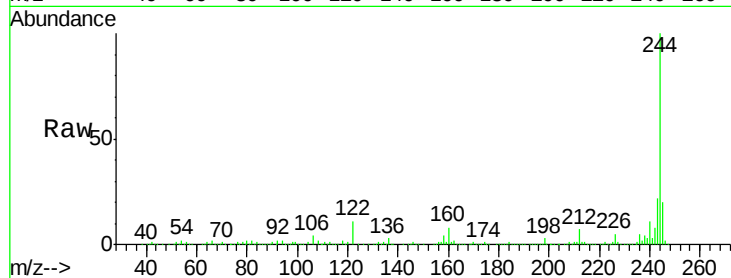




#78
 Terphenyl-d14
 Concen: 76.44 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084904.D
 Acq: 6 Feb 2016 11:45

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Tot Ion:244 Resp: 1128521
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084904.D
 Acq: 6 Feb 2016 11:45

Tgt Ion:264 Resp: 322689
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 20.8 17.8 26.6

