

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084909.D
 Acq On : 6 Feb 2016 14:03
 Operator : SJ/IZ
 Sample : H1310-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(15-17)

Quant Time: Feb 08 02:37:18 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

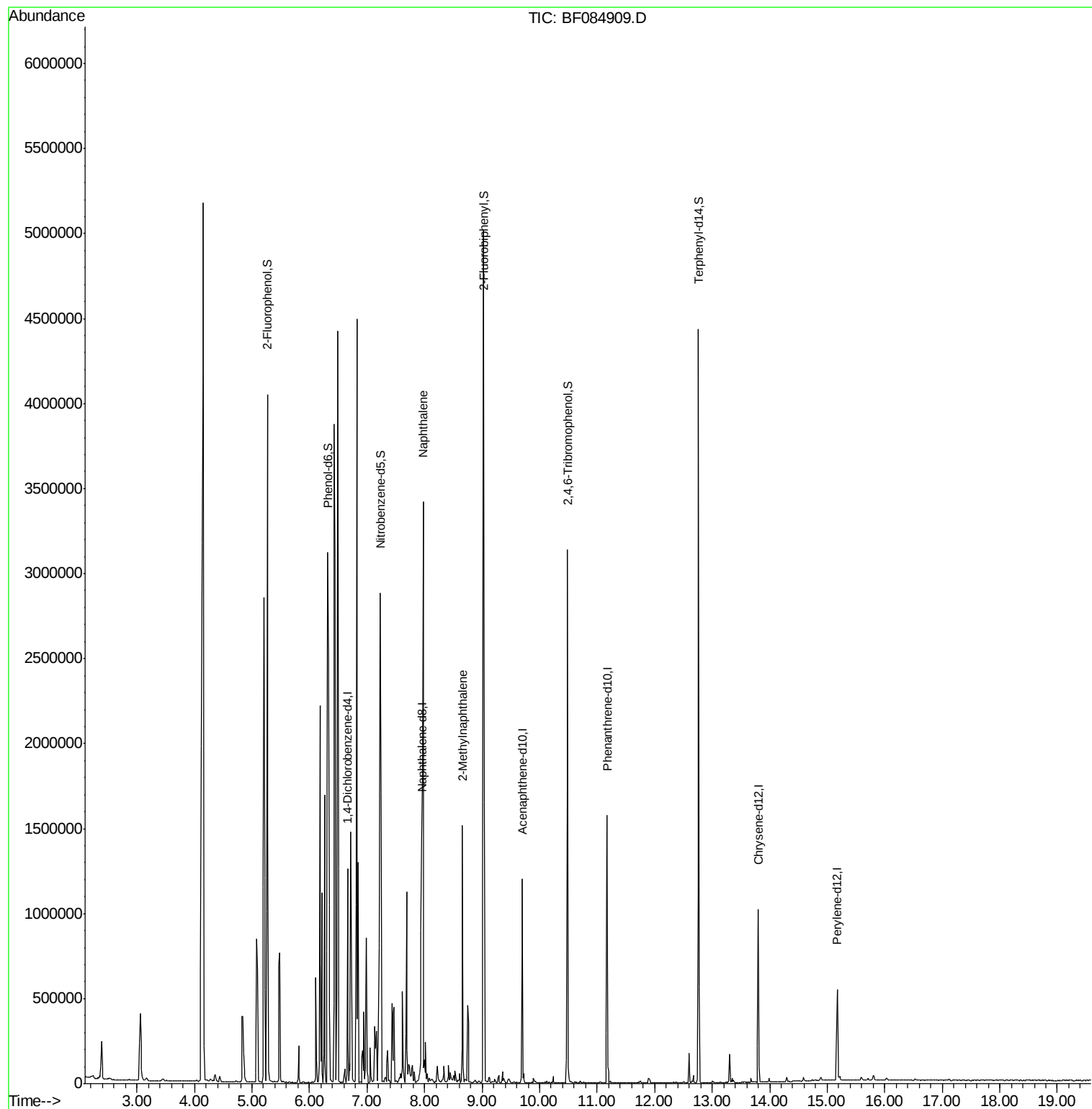
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171878	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	720484	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	282750	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	536988	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	342627	20.00	ng	-0.03
86) Perylene-d12	15.17	264	208489	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1311104	118.82	ng	-0.01
7) Phenol-d6	6.32	99	1540739	112.63	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1110532	86.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	437670	148.40	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1770101	125.01	ng	-0.03
78) Terphenyl-d14	12.76	244	1354648	89.59	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.97	128	1744189	48.26	ng	99
37) 2-Methylnaphthalene	8.66	142	370841	16.40	ng	98

(#) = 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: BF084909.D

Acq: 6 Feb 2016 14:03

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)

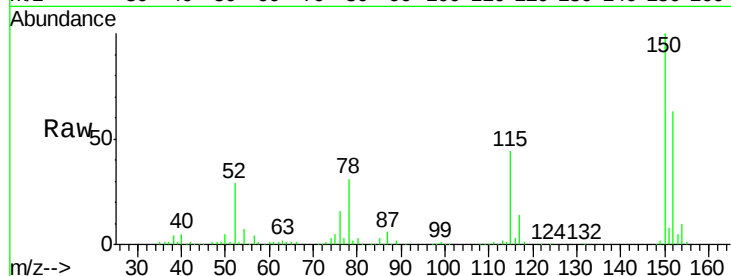
Tot Ion:152 Resp: 171878

Ion Ratio Lower Upper

152 100

150 159.2 123.0 184.4

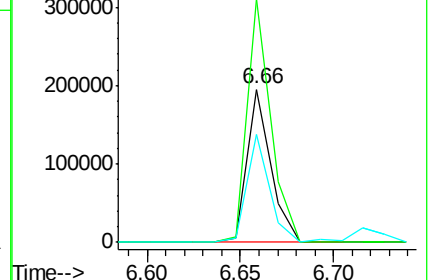
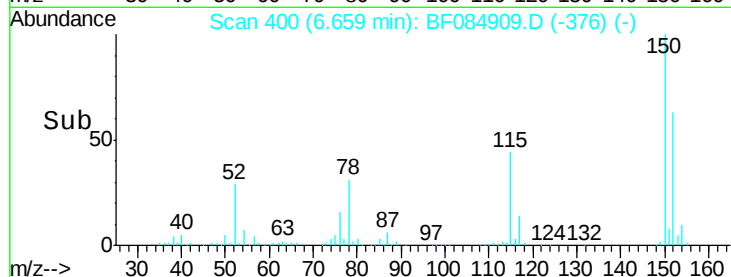
115 70.2 51.4 77.2



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: 118.82 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084909.D

Acq: 6 Feb 2016 14:03

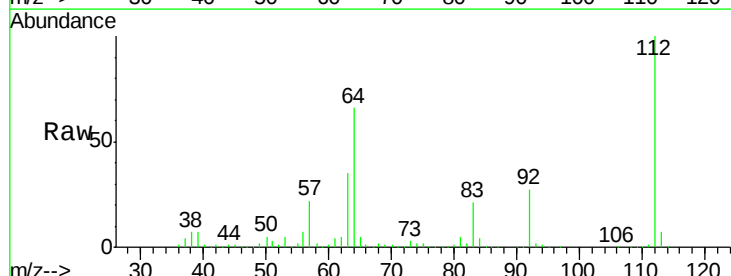
Tgt Ion:112 Resp: 1311104

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

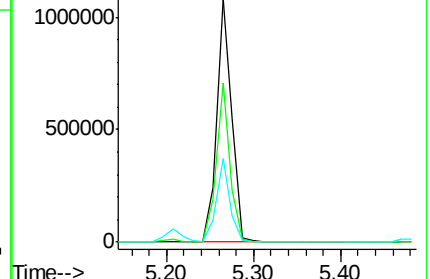
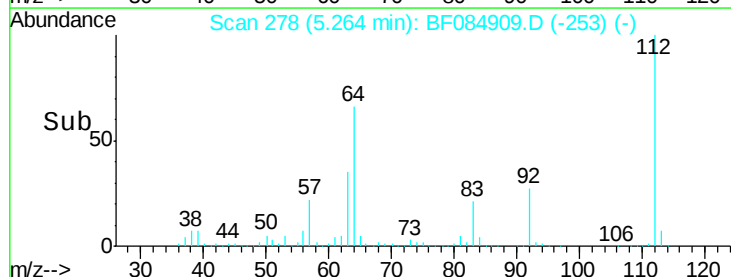
63 34.5 19.4 29.0#

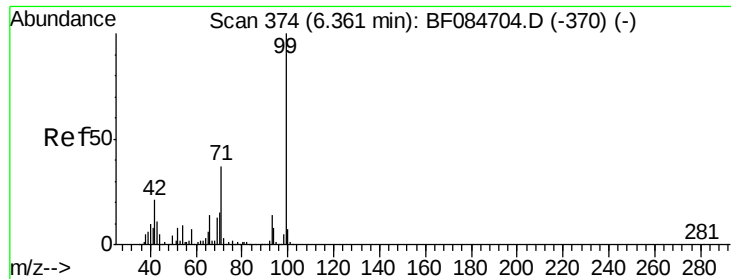


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.63 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084909.D

Acq: 6 Feb 2016 14:03

Instrument :

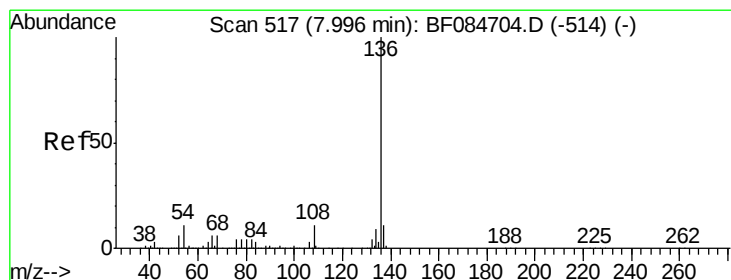
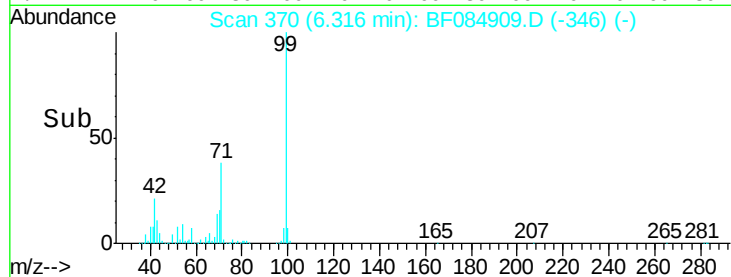
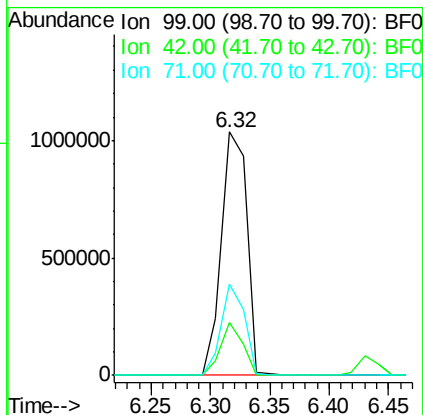
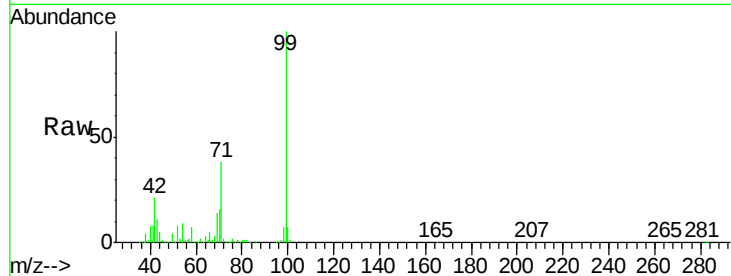
BNA_F

ClientSampleId :

SUP-B037(15-17)

Tot Ion: 99 Resp: 1540739

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	37.5	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

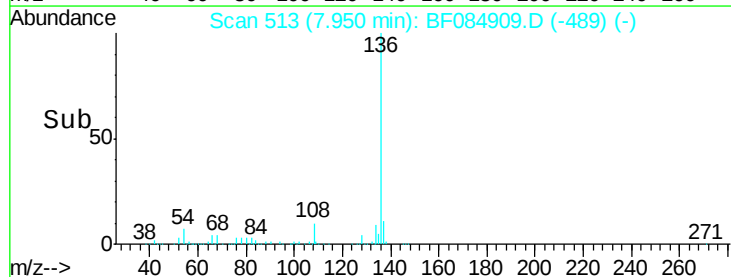
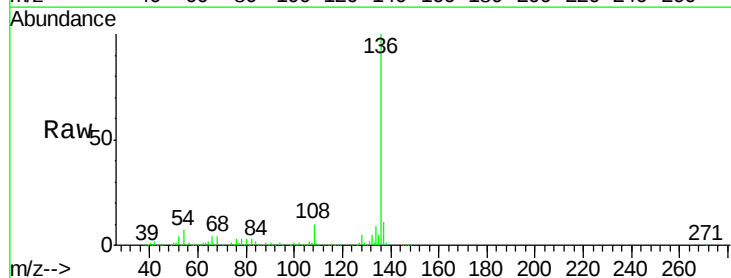
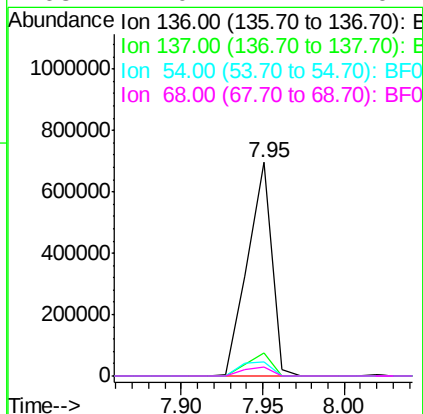
Delta R.T. -0.02 min

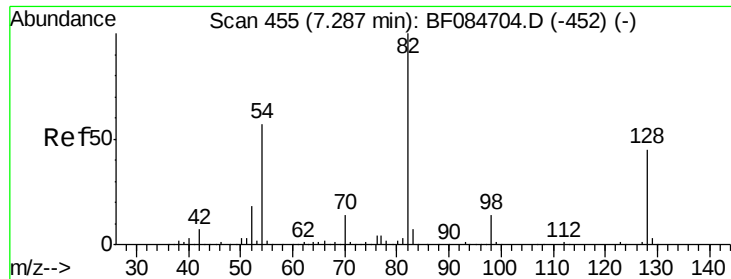
Lab File: BF084909.D

Acq: 6 Feb 2016 14:03

Tgt Ion: 136 Resp: 720484

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.8	8.8
68	4.0	4.2	6.2#

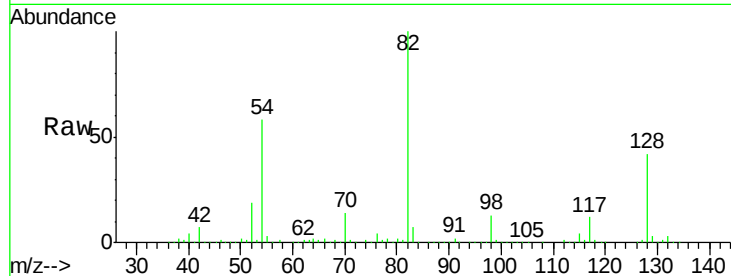




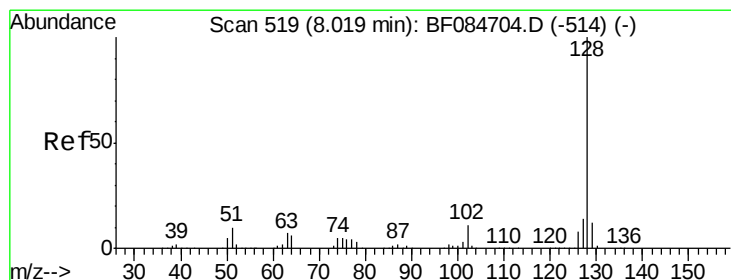
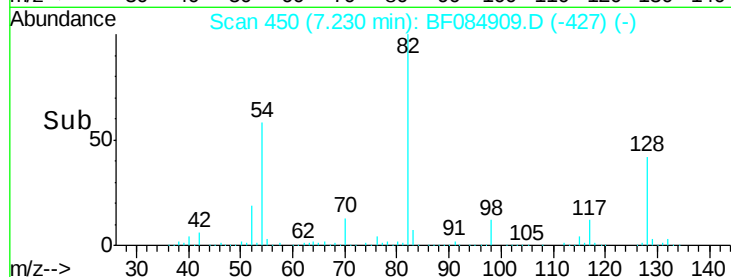
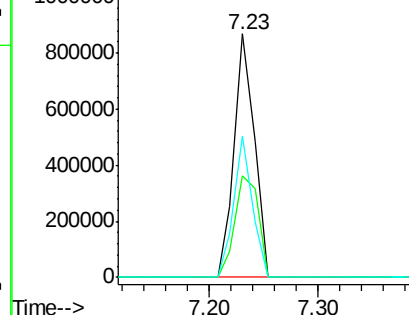
#23
 Nitrobenzene-d5
 Concen: 86.83 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084909.D
 Acq: 6 Feb 2016 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(15-17)

Tot Ion: 82 Resp: 1110532
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 51.8
 54 58.0 38.4 57.6#

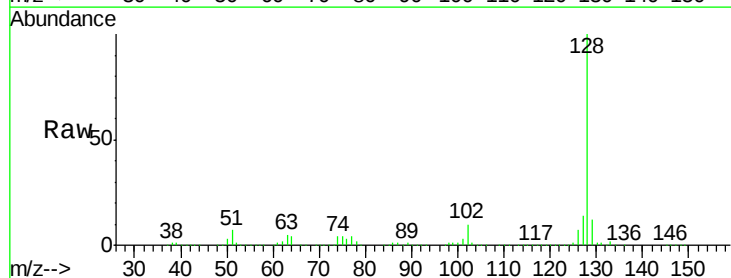


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

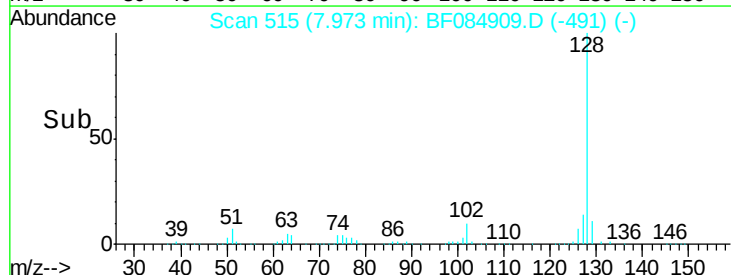
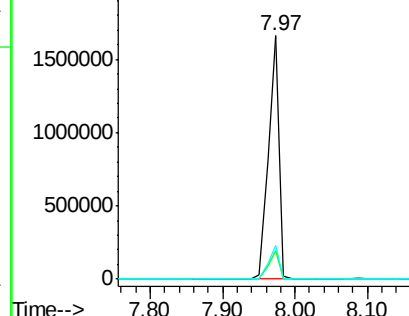


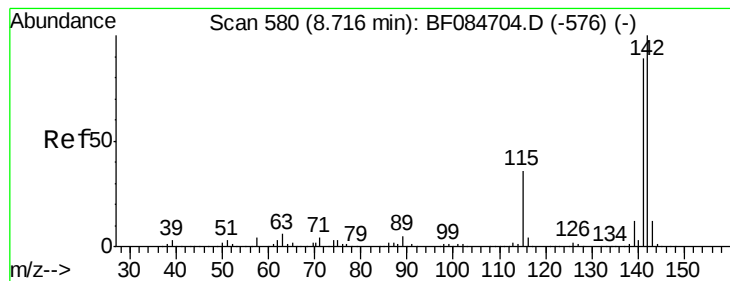
#31
 Naphthalene
 Concen: 48.26 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF084909.D
 Acq: 6 Feb 2016 14:03

Tgt Ion:128 Resp: 1744189
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.1 13.7
 127 13.7 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

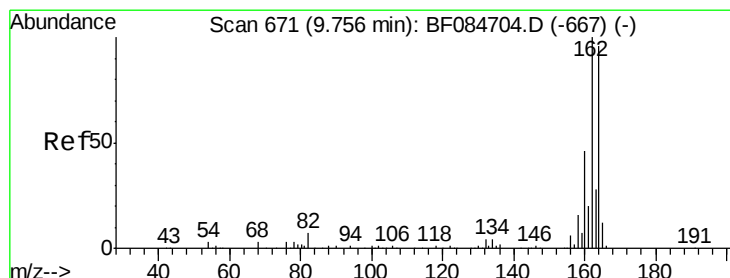
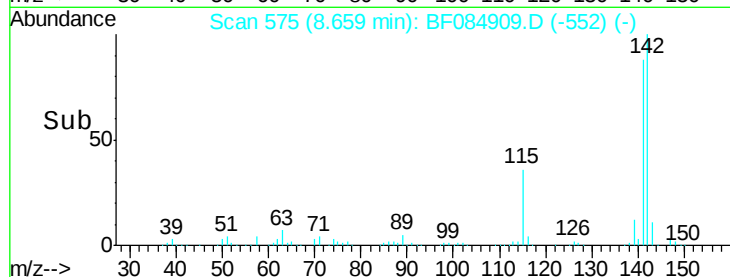
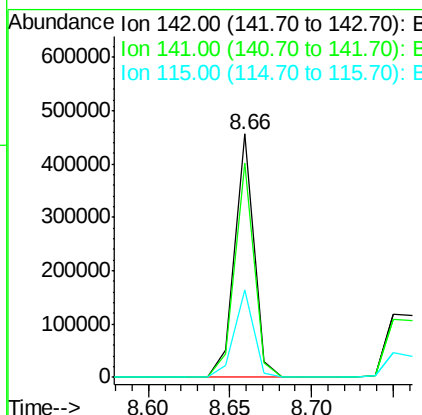
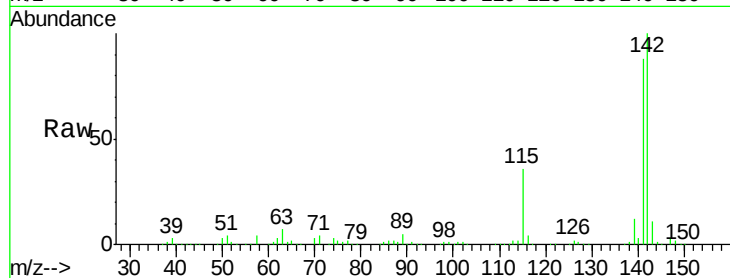




#37
 2-Methylnaphthalene
 Concen: 16.40 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF084909.D
 Acq: 6 Feb 2016 14:03

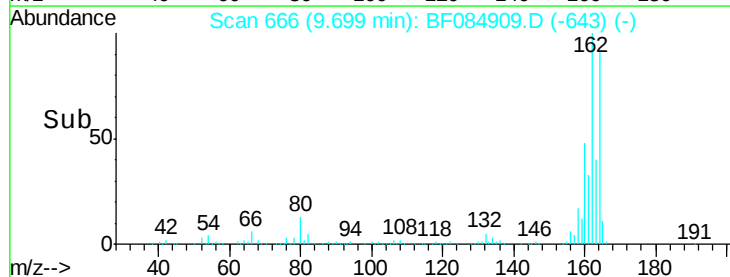
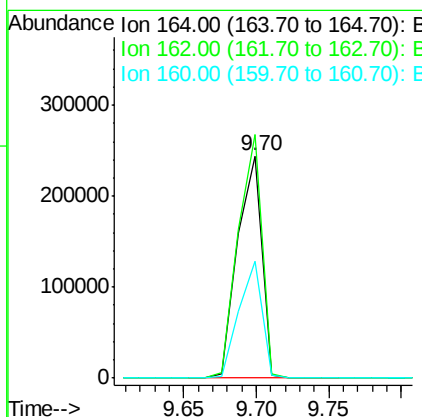
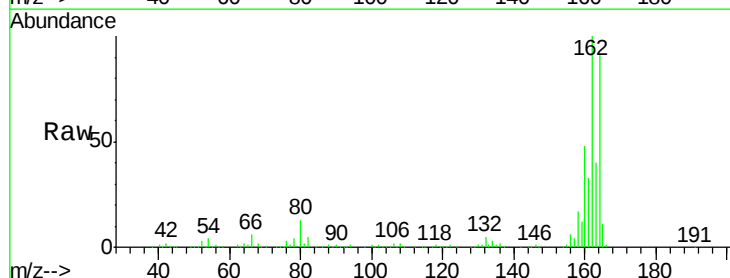
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(15-17)

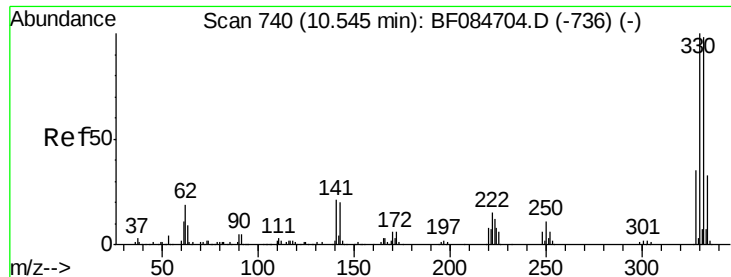
Tot Ion:142 Resp: 370841
 Ion Ratio Lower Upper
 142 100
 141 88.0 72.4 108.6
 115 35.8 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084909.D
 Acq: 6 Feb 2016 14:03

Tgt Ion:164 Resp: 282750
 Ion Ratio Lower Upper
 164 100
 162 109.6 85.1 127.7
 160 52.4 37.5 56.3

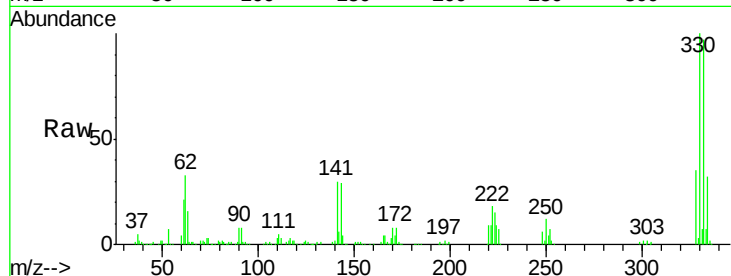




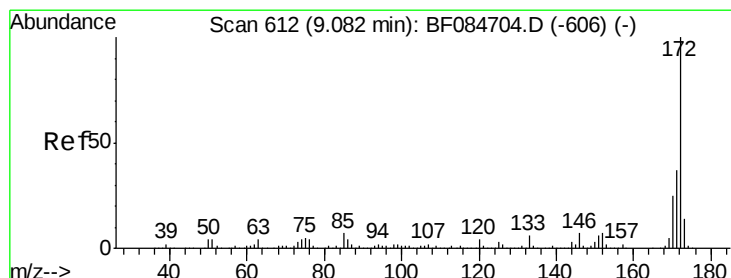
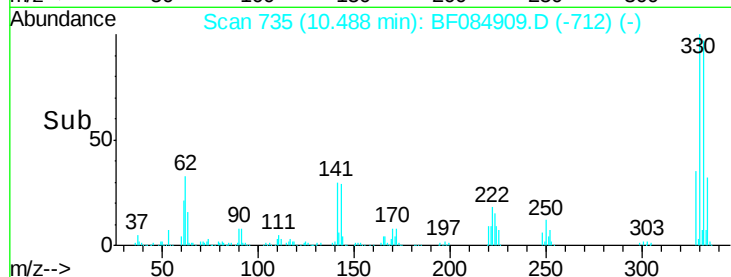
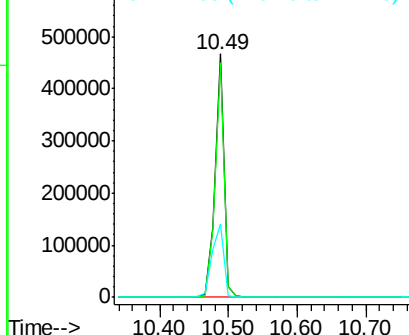
#41
 2,4,6-Tribromophenol
 Concen: 148.40 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084909.D
 Acq: 6 Feb 2016 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(15-17)

Tot Ion:330 Resp: 437670
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 38.2 27.8 41.6

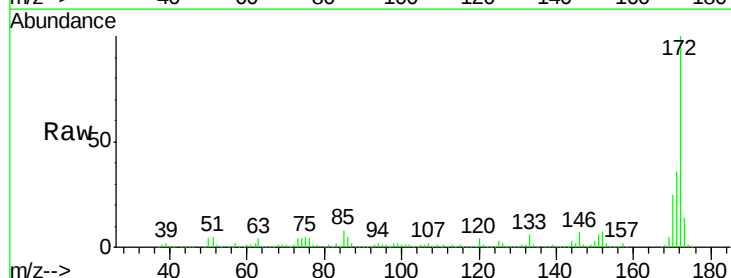


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

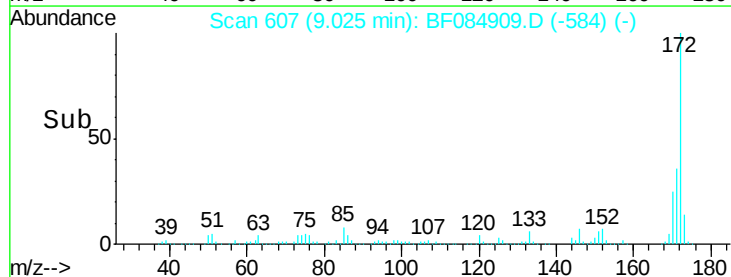
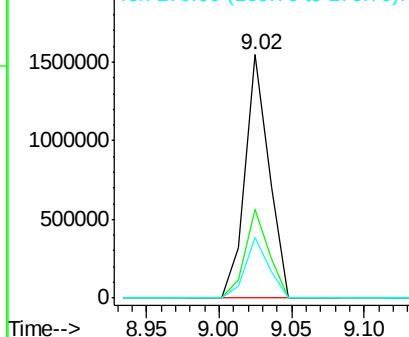


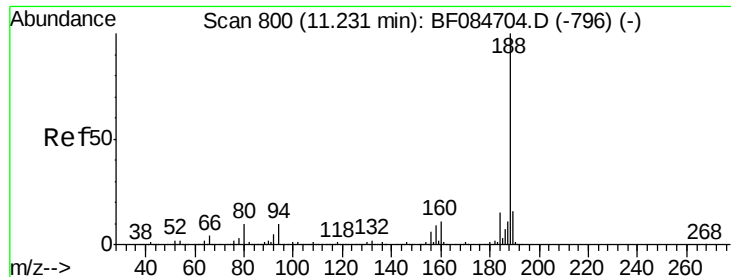
#44
 2-Fluorobiphenyl
 Concen: 125.01 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084909.D
 Acq: 6 Feb 2016 14:03

Tgt Ion:172 Resp: 1770101
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 25.1 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

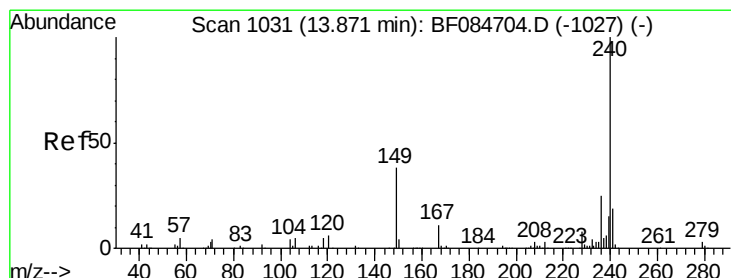
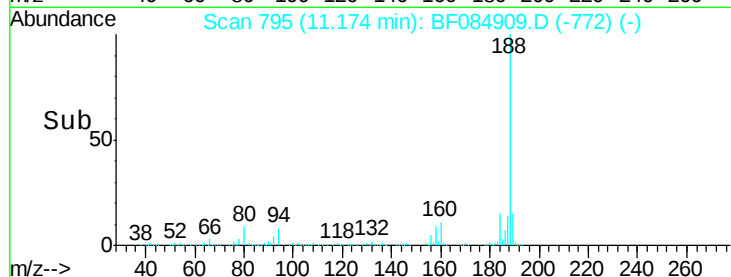
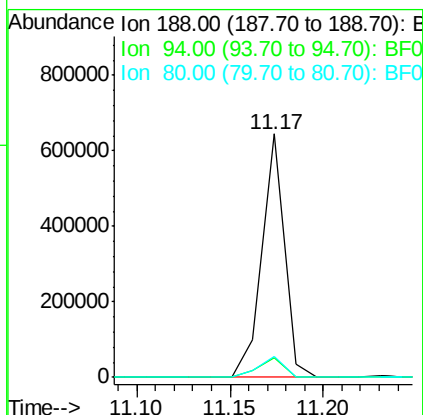
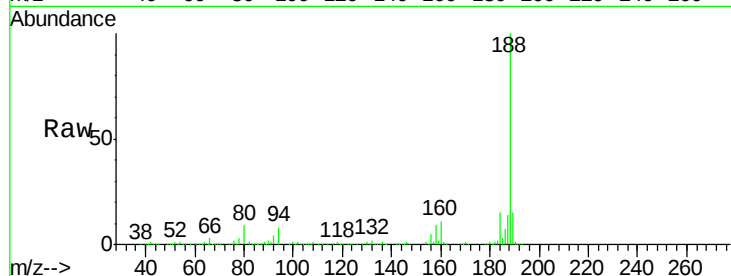




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084909.D
Acq: 6 Feb 2016 14:03

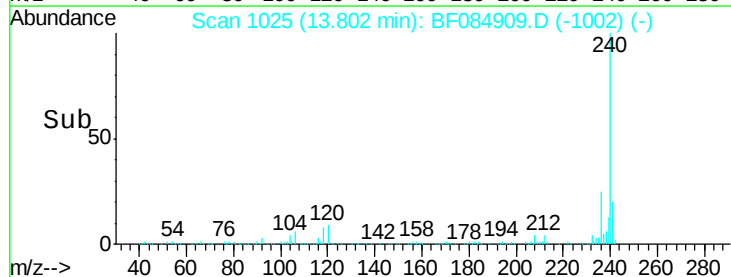
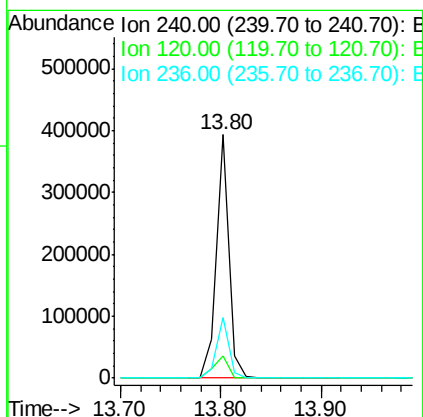
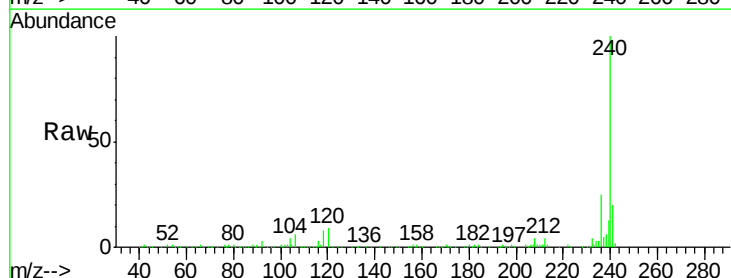
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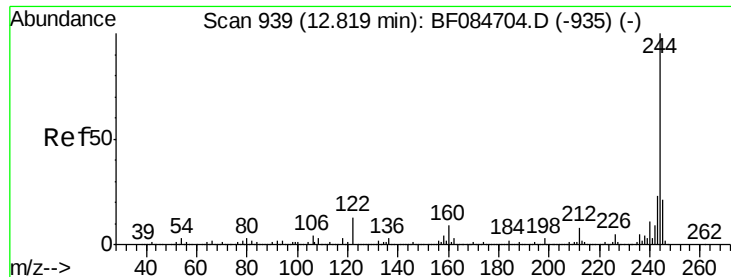
Tot Ion:188 Resp: 536988
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.4#
80 8.5 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084909.D
Acq: 6 Feb 2016 14:03

Tgt Ion:240 Resp: 342627
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 25.0 20.6 31.0

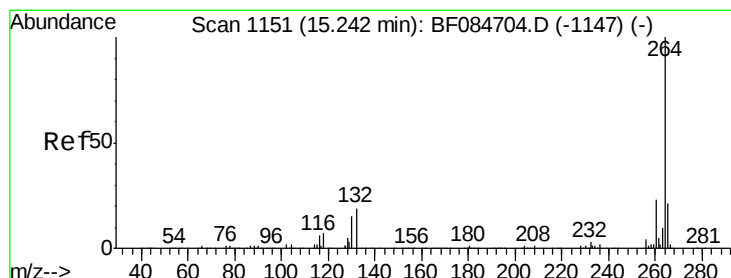
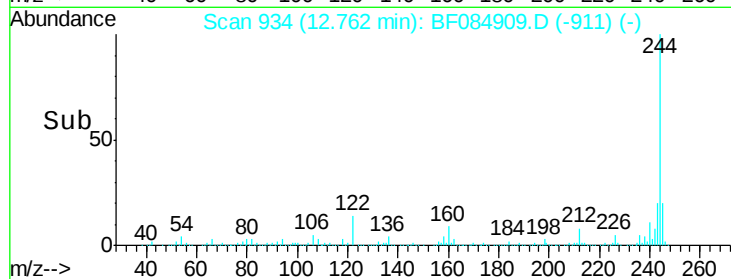
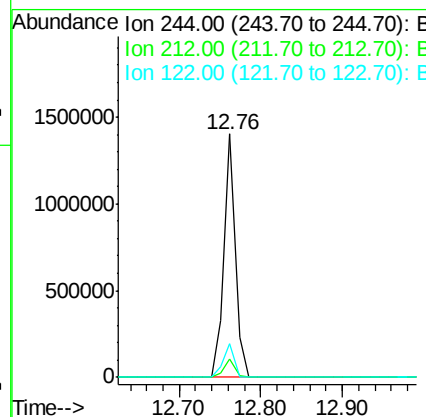
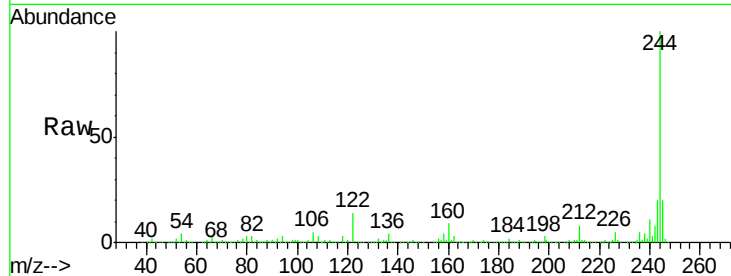




#78
 Terphenyl-d14
 Concen: 89.59 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084909.D
 Acq: 6 Feb 2016 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(15-17)

Tot Ion:244 Resp: 1354648
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 13.7 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: BF084909.D
 Acq: 6 Feb 2016 14:03

Tgt Ion:264 Resp: 208489
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 20.7 17.8 26.6

