

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
 Data File : BF084930.D
 Acq On : 8 Feb 2016 15:59
 Operator : SJ/IZ
 Sample : H1311-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(10-12)

Quant Time: Feb 09 03:01:52 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

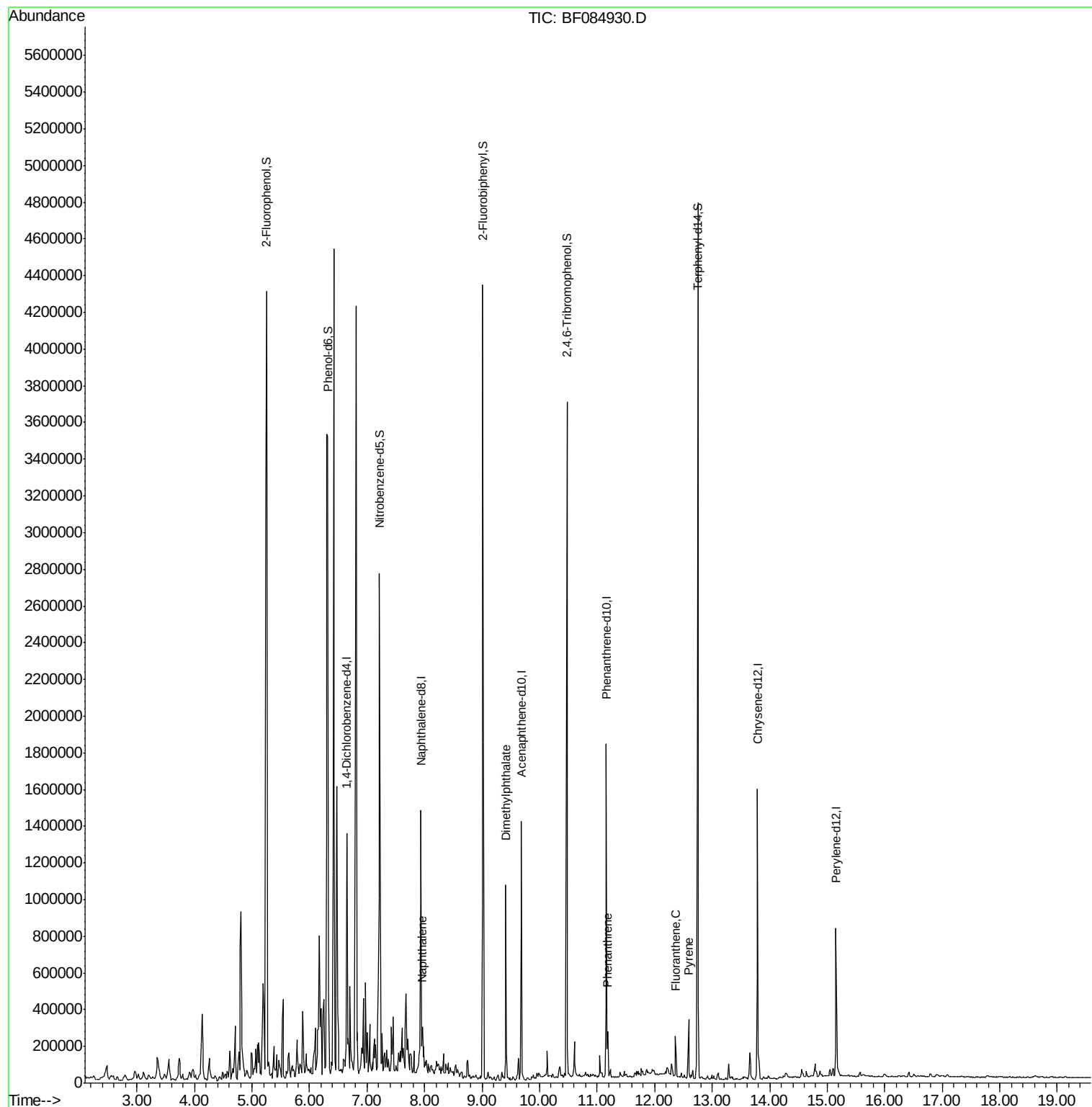
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	164224	20.00	ng	-0.03
21) Naphthalene-d8	7.94	136	702601	20.00	ng	-0.03
38) Acenaphthene-d10	9.69	164	334147	20.00	ng	-0.05
63) Phenanthrene-d10	11.16	188	630198	20.00	ng	-0.05
75) Chrysene-d12	13.79	240	529070	20.00	ng	-0.05
86) Perylene-d12	15.15	264	375599	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1537265	145.80	ng	-0.02
7) Phenol-d6	6.32	99	1998813	152.92	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1070430	85.82	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	455165	130.59	ng	-0.05
44) 2-Fluorobiphenyl	9.01	172	1641252	81.60	ng	-0.05
78) Terphenyl-d14	12.75	244	1484811	63.60	ng	-0.05
Target Compounds						
31) Naphthalene	7.96	128	71080	2.02	ng	# 92
49) Dimethylphthalate	9.41	163	383278	15.06	ng	# 91
70) Phenanthrene	11.18	178	87611	2.51	ng	99
74) Fluoranthene	12.36	202	109463	3.09	ng	99
77) Pyrene	12.59	202	103996	2.57	ng	98

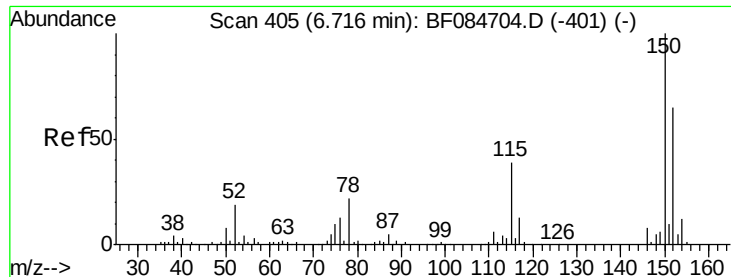
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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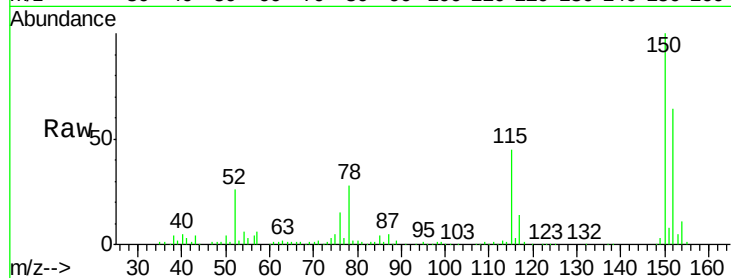


#1

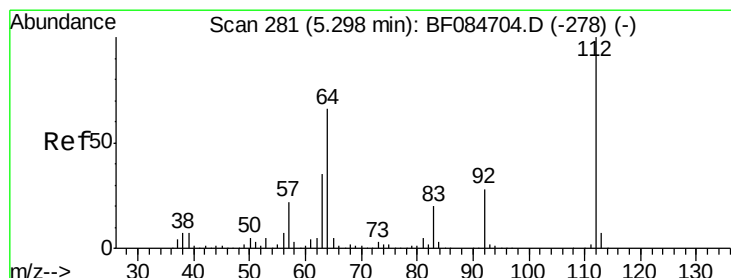
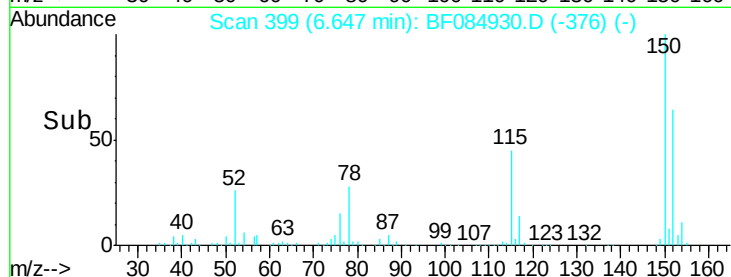
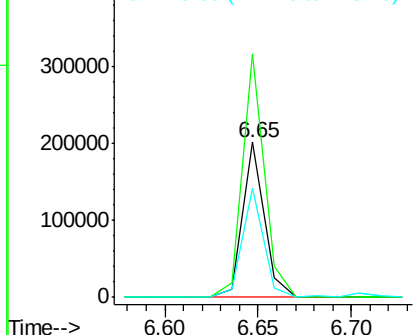
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF084930.D
Acq: 8 Feb 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:152 Resp: 164224
Ion Ratio Lower Upper
152 100
150 157.2 123.0 184.4
115 70.7 51.4 77.2



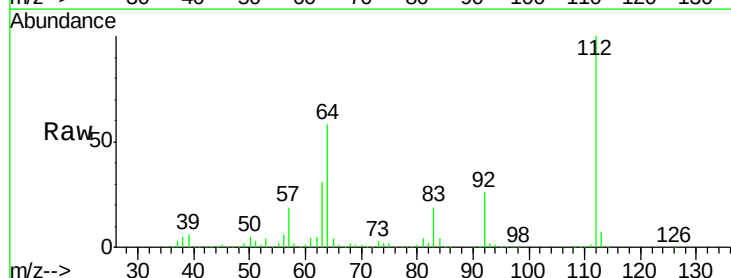
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



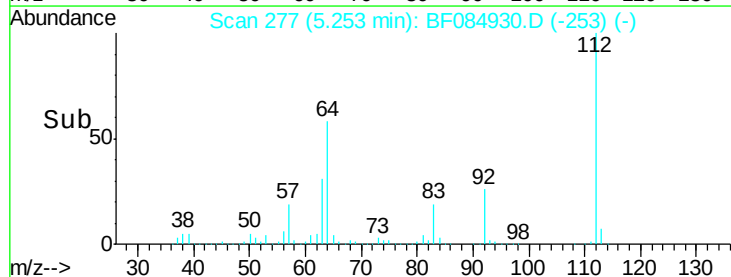
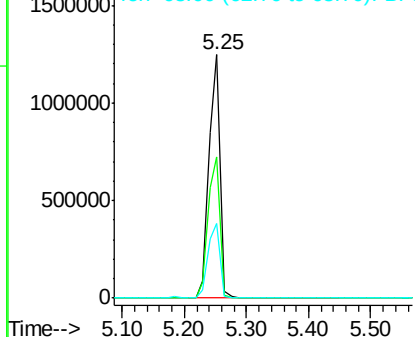
#5

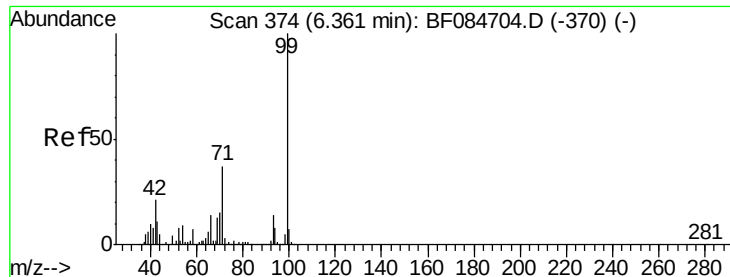
2-Fluorophenol
Concen: 145.80 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084930.D
Acq: 8 Feb 2016 15:59

Tgt Ion:112 Resp: 1537265
Ion Ratio Lower Upper
112 100
64 58.0 36.6 55.0#
63 30.7 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: 152.92 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SUP-B017(10-12)

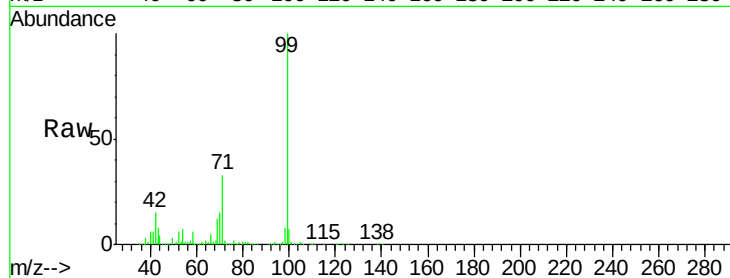
Tgt Ion: 99 Resp: 1998813

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

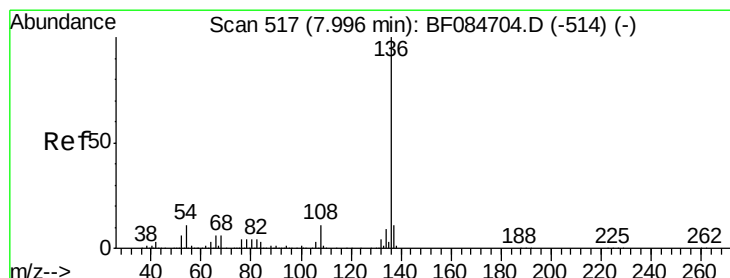
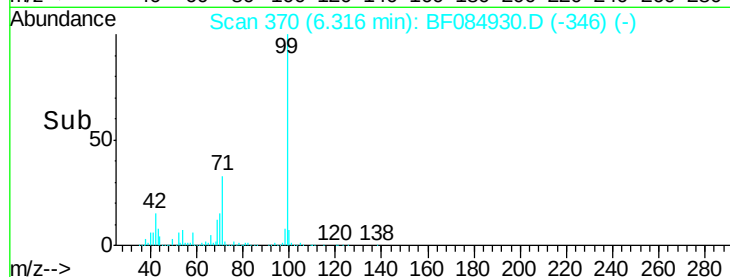
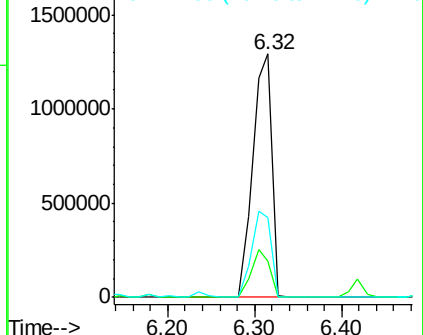
71 32.7 30.9 46.3



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: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

Tgt Ion: 136 Resp: 702601

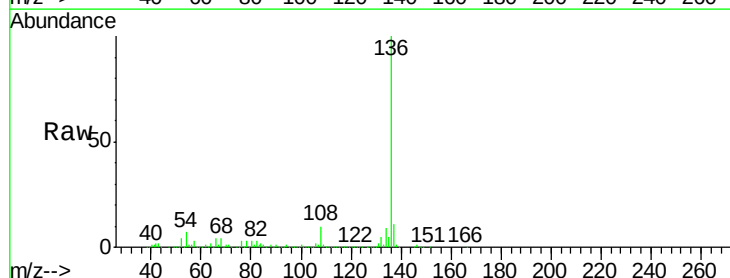
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.8 5.8 8.8

68 3.8 4.2 6.2#

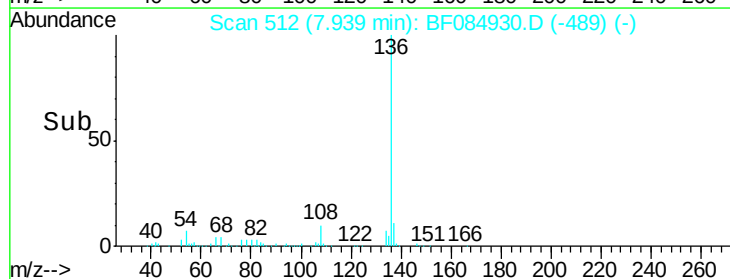
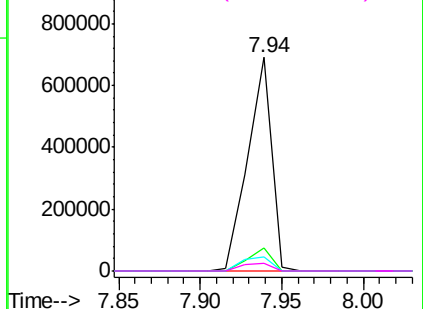


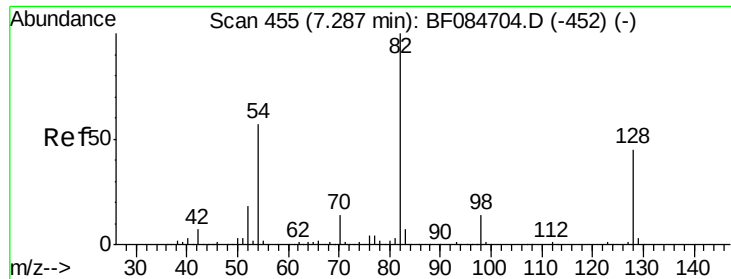
Abundance Ion 136.00 (135.70 to 136.70): E

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

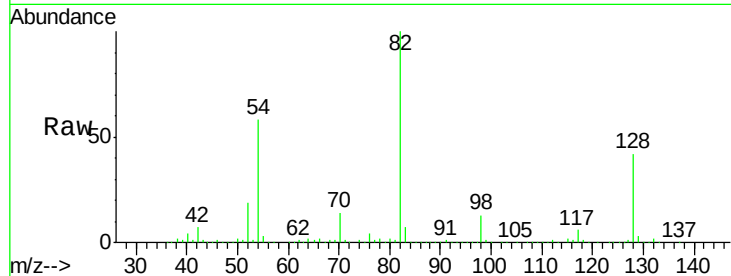




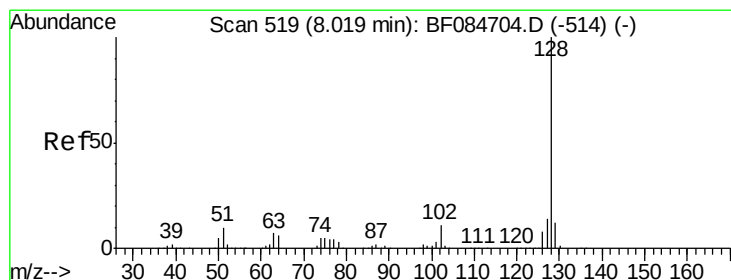
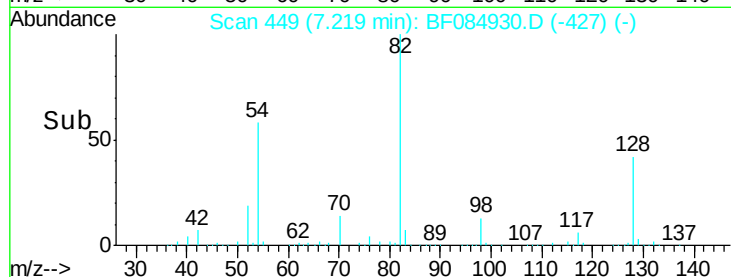
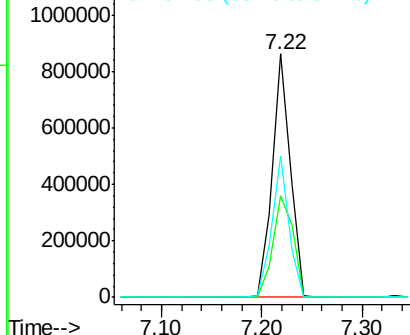
#23
Nitrobenzene-d5
Concen: 85.82 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF084930.D
Acq: 8 Feb 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion: 82 Resp: 1070430
Ion Ratio Lower Upper
82 100
128 41.7 34.6 51.8
54 58.0 38.4 57.6#

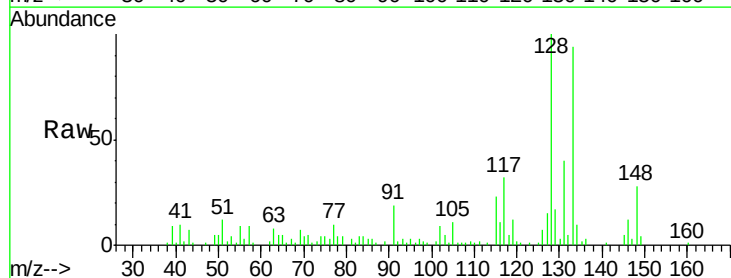


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

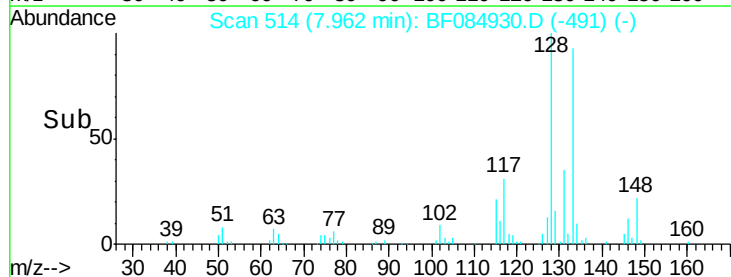
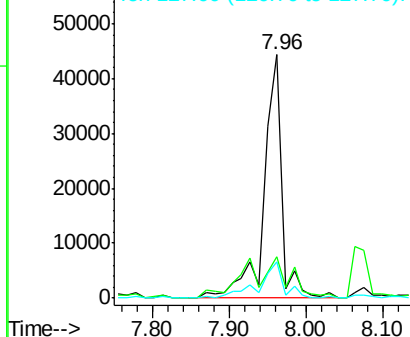


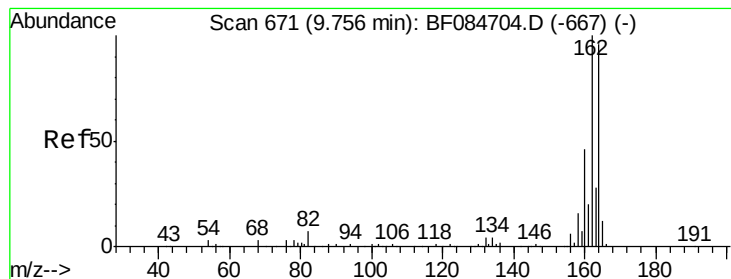
#31
Naphthalene
Concen: 2.02 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF084930.D
Acq: 8 Feb 2016 15:59

Tgt Ion: 128 Resp: 71080
Ion Ratio Lower Upper
128 100
129 17.0 9.1 13.7#
127 14.8 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: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SUP-B017(10-12)

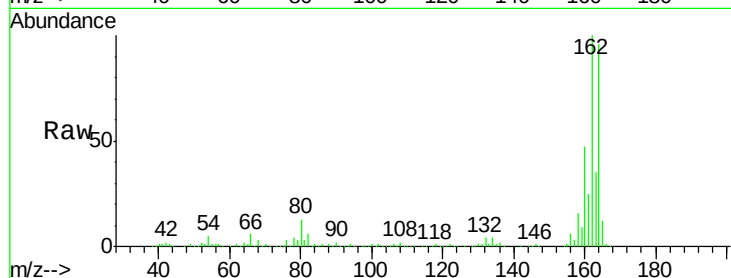
Tgt Ion:164 Resp: 334147

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

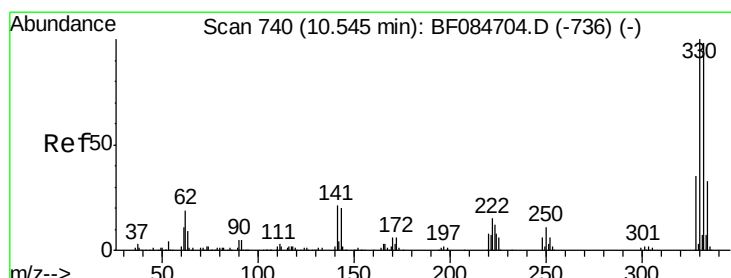
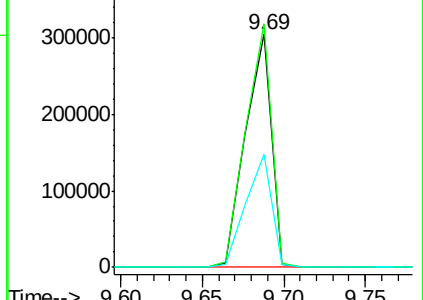
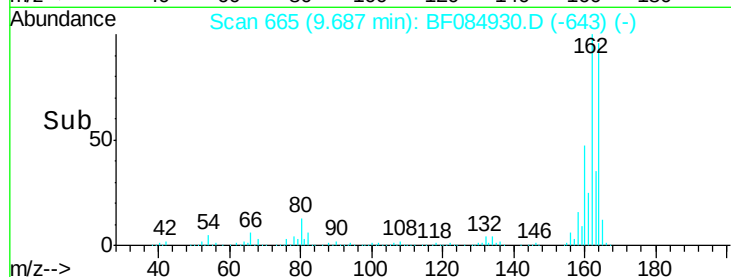
160 48.6 37.5 56.3



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: 130.59 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.05 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

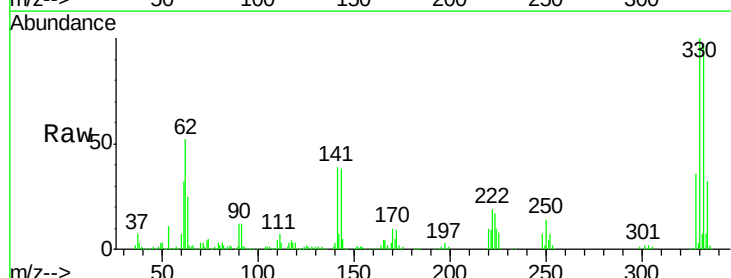
Tgt Ion:330 Resp: 455165

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

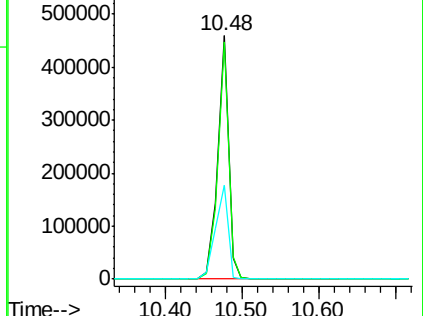
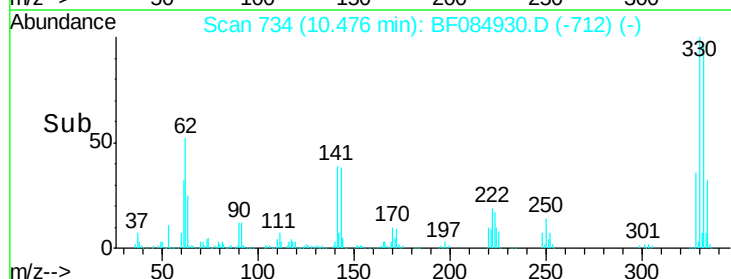
141 43.6 27.8 41.6#

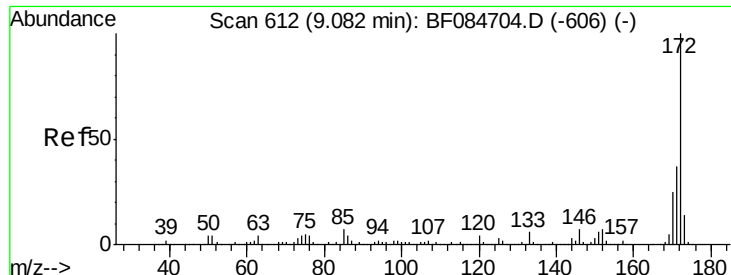


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

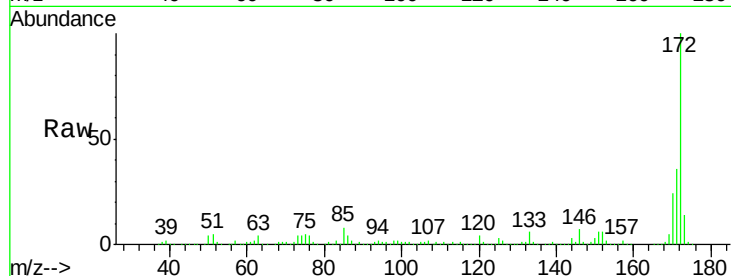




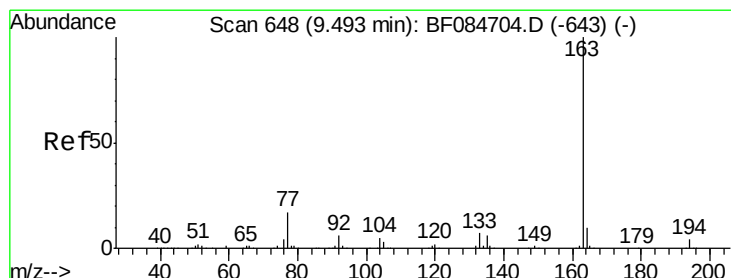
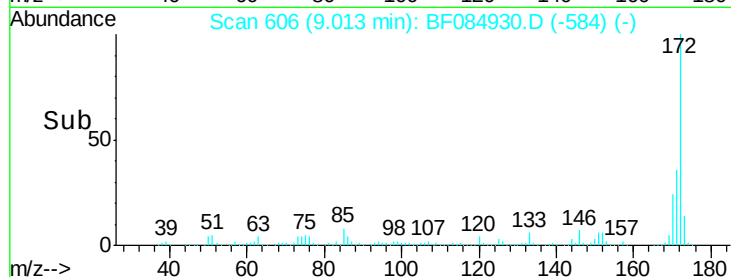
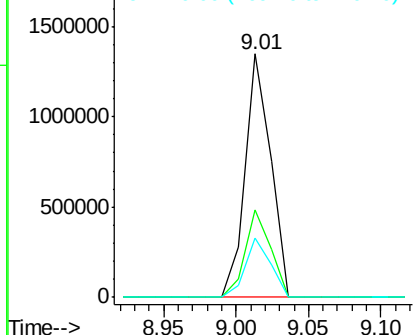
#44
 2-Fluorobiphenyl
 Concen: 81.60 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF084930.D
 Acq: 8 Feb 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(10-12)

Tgt Ion:172 Resp: 1641252
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.3 18.6 27.8

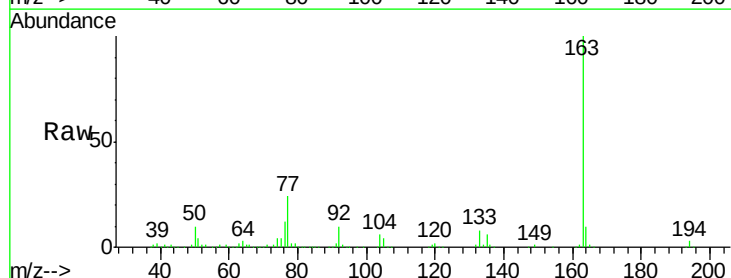


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

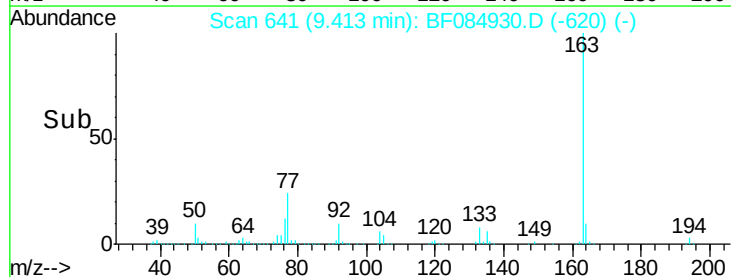
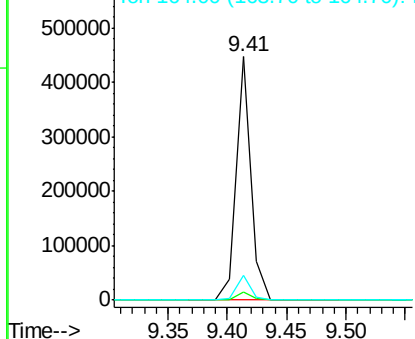


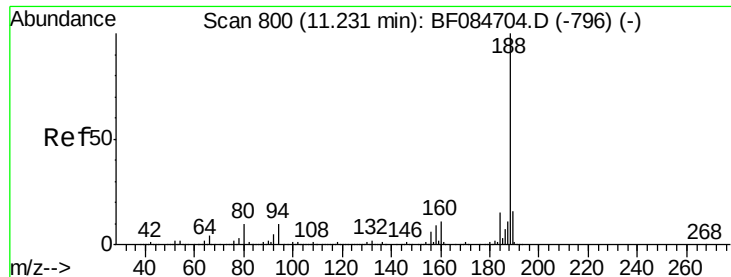
#49
 Dimethylphthalate
 Concen: 15.06 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF084930.D
 Acq: 8 Feb 2016 15:59

Tgt Ion:163 Resp: 383278
 Ion Ratio Lower Upper
 163 100
 194 3.1 8.0 12.0#
 164 10.0 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: 11.16 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SUP-B017(10-12)

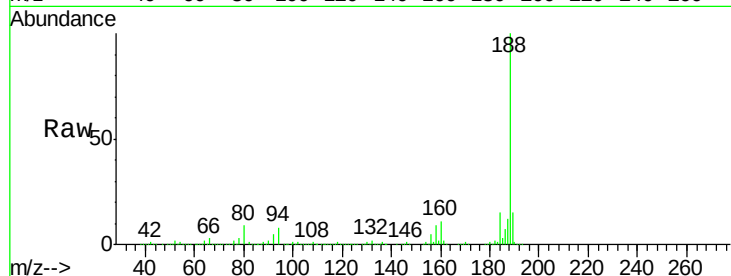
Tgt Ion:188 Resp: 630198

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

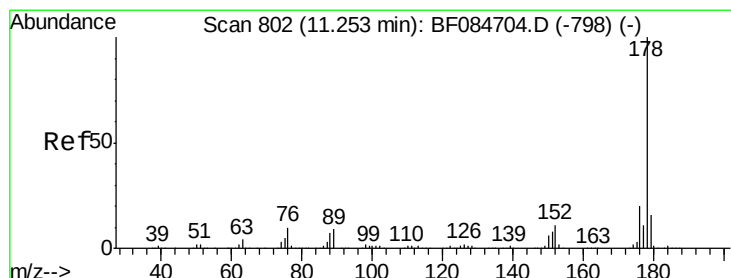
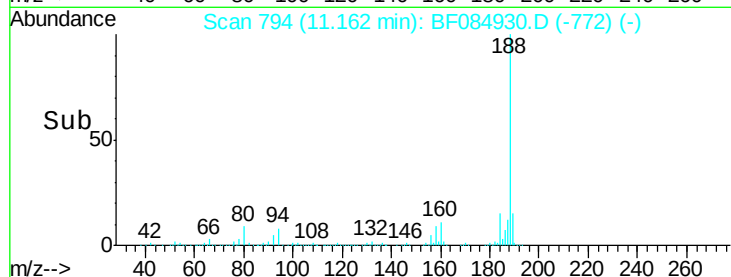
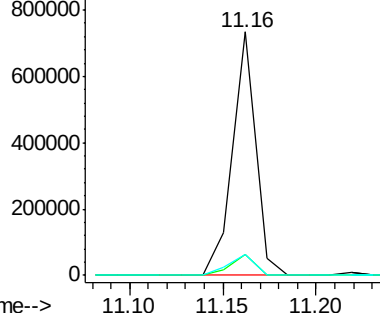
80 8.8 9.6 14.4#



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



#70

Phenanthrene

Concen: 2.51 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.05 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

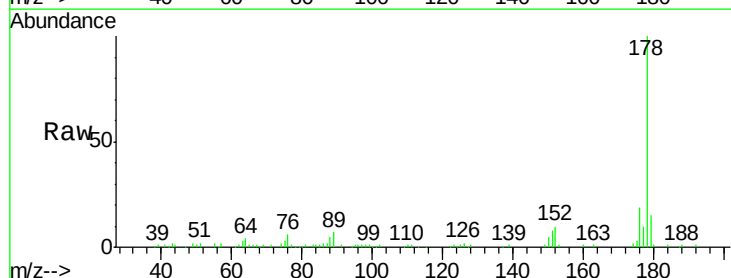
Tgt Ion:178 Resp: 87611

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

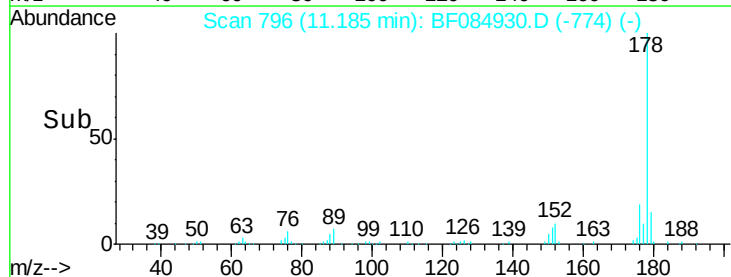
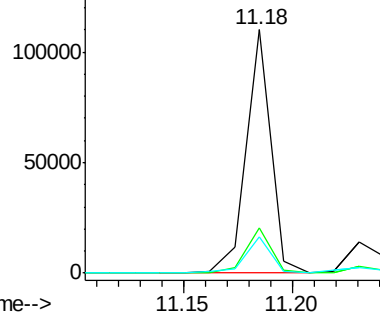
179 14.9 12.0 18.0

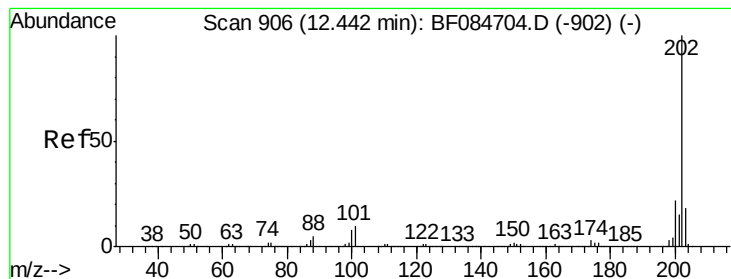


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.09 ng

RT: 12.36 min Scan# 899

Delta R.T. -0.06 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

Instrument :

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ClientSampleId :

SUP-B017(10-12)

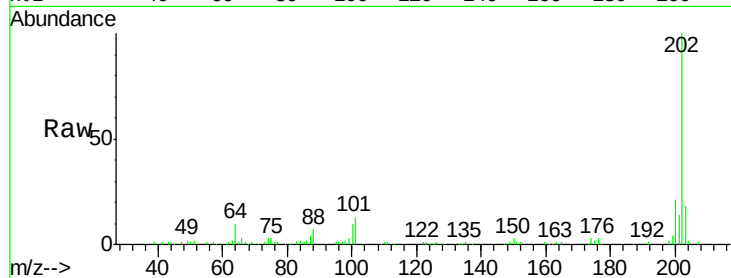
Tgt Ion: 202 Resp: 109463

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

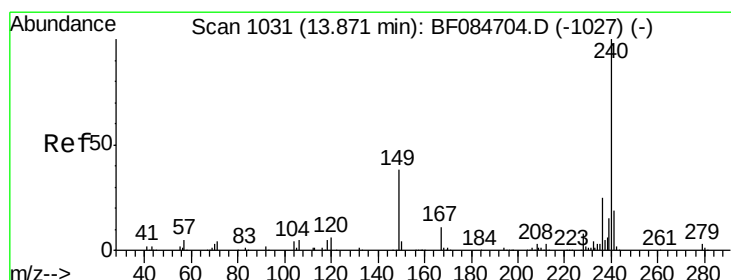
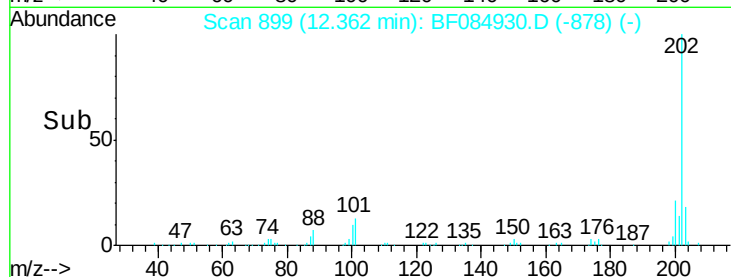
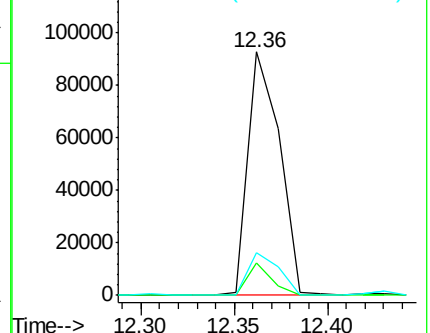
203 17.7 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

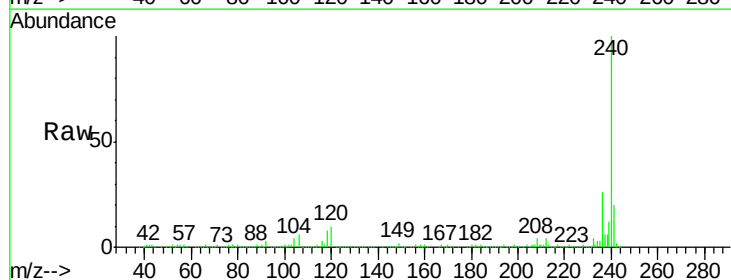
Tgt Ion: 240 Resp: 529070

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

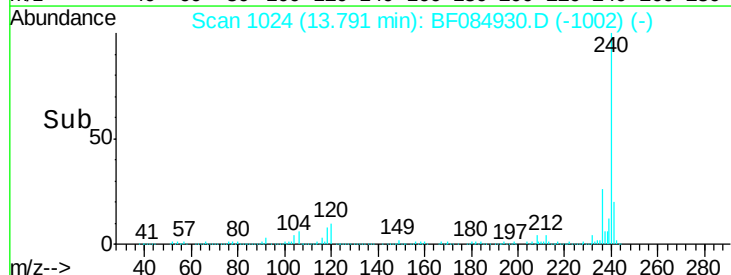
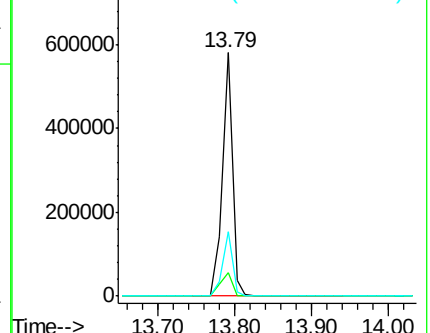
236 26.3 20.6 31.0

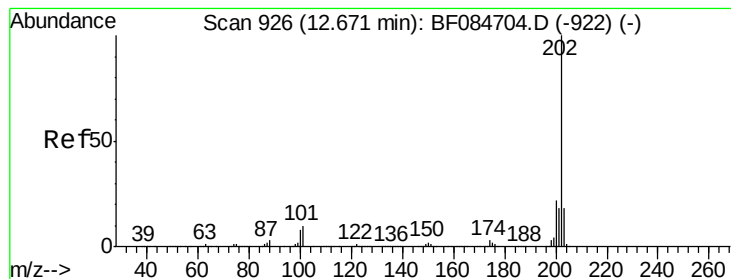


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.57 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SUP-B017(10-12)

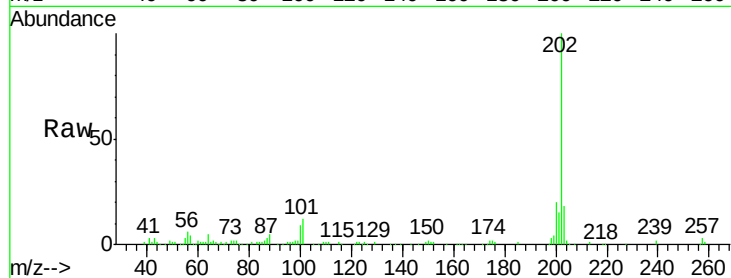
Tgt Ion:202 Resp: 103996

Ion Ratio Lower Upper

202 100

200 20.0 17.2 25.8

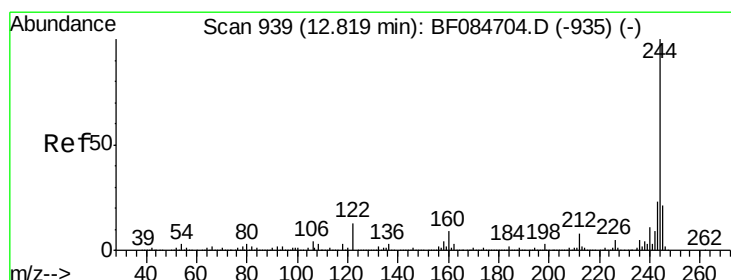
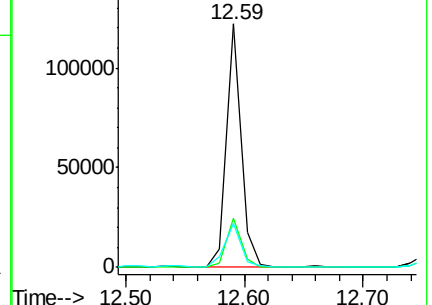
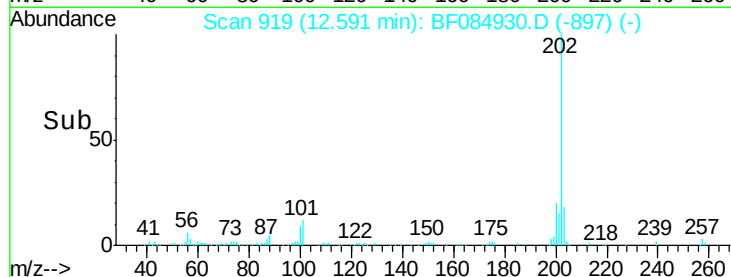
203 17.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.60 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084930.D

Acq: 8 Feb 2016 15:59

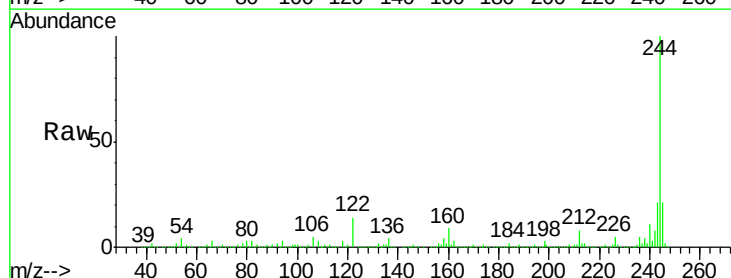
Tgt Ion:244 Resp: 1484811

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

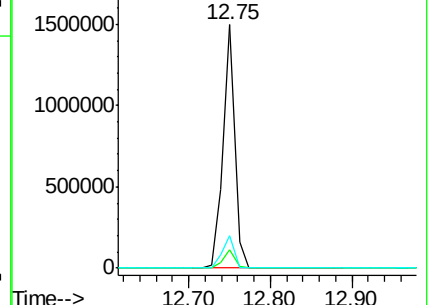
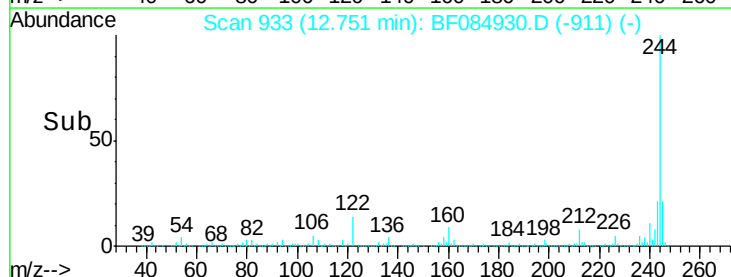
122 13.6 7.4 11.0#

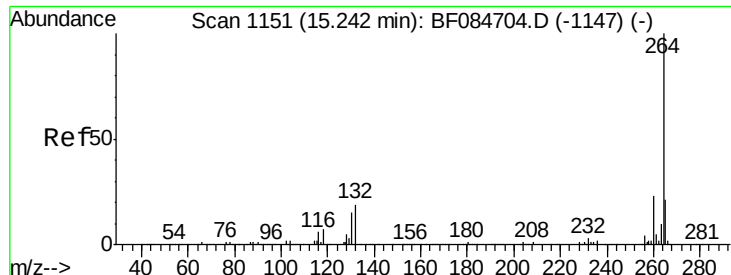


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.06 min
Lab File: BF084930.D
Acq: 8 Feb 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:	264	Resp:	375599
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	22.1	17.8	26.6

