

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084906.D
 Acq On : 6 Feb 2016 12:40
 Operator : SJ/IZ
 Sample : PB88196TB
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88196TB

Quant Time: Feb 08 02:28:25 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	182454	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	712572	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	319837	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	540516	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	372004	20.00	ng	-0.03
86) Perylene-d12	15.17	264	333671	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1367508	116.74	ng	-0.01
7) Phenol-d6	6.32	99	1535126	105.71	ng	-0.02
23) Nitrobenzene-d5	7.23	82	920835	72.80	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	373444	111.94	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1530684	78.56	ng	-0.03
78) Terphenyl-d14	12.76	244	1266396	77.14	ng	-0.03

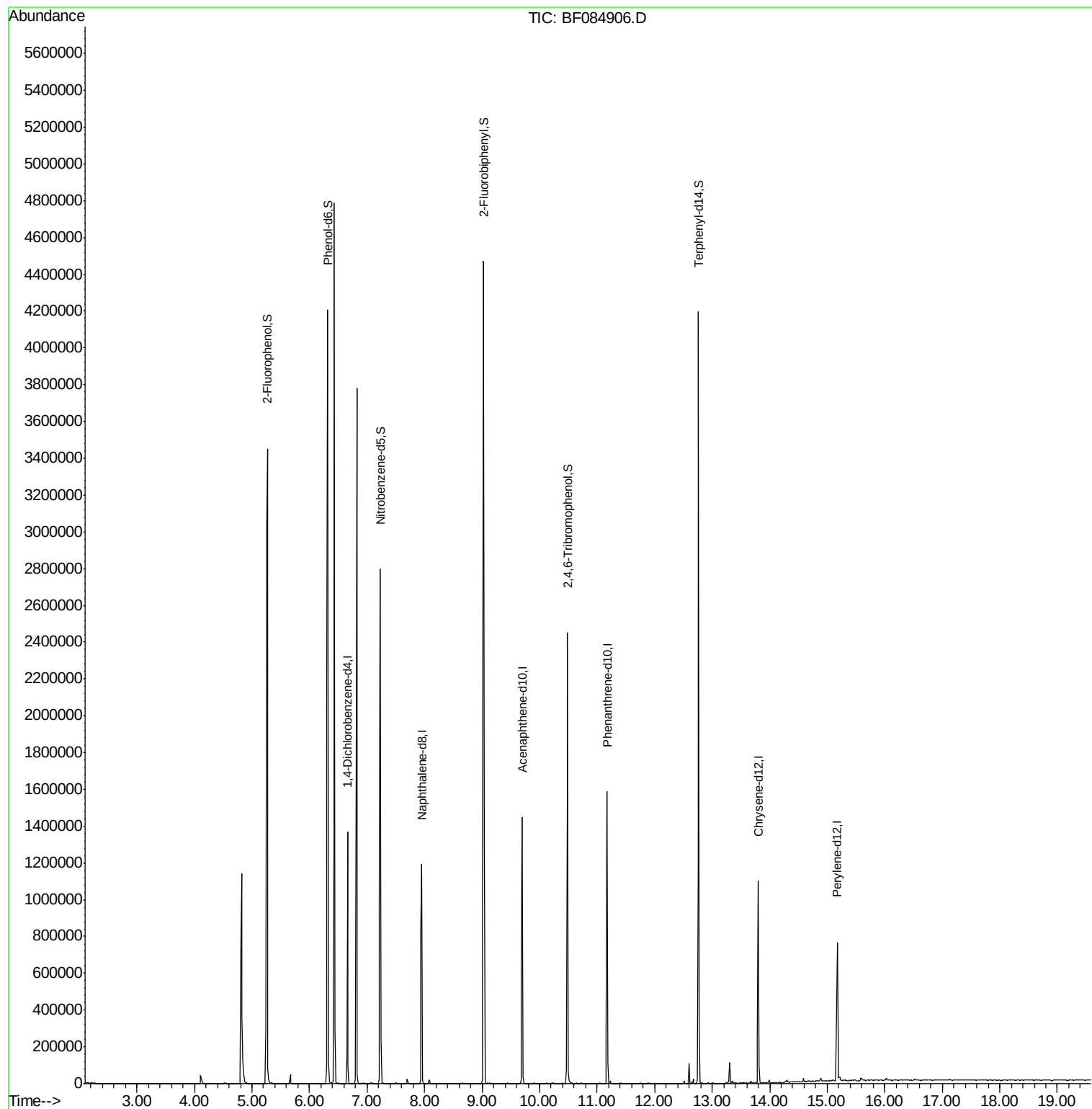
Target Compounds Qvalue

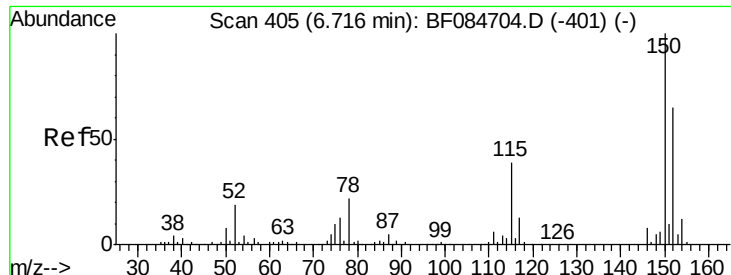
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084906.D

Acq: 6 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleID :

PB88196TB

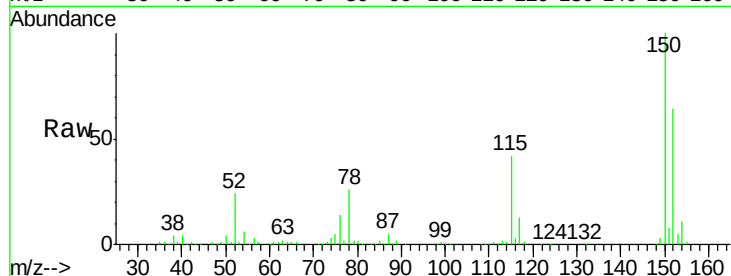
Tot Ion:152 Resp: 182454

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

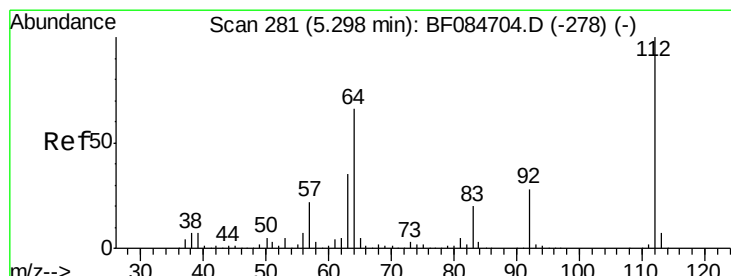
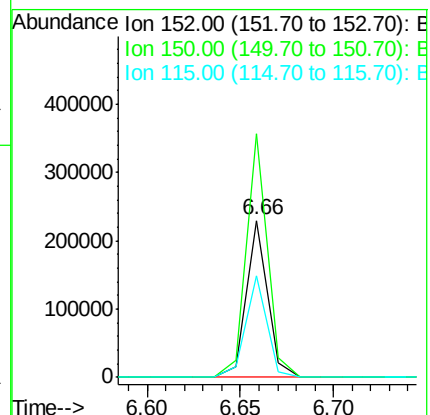
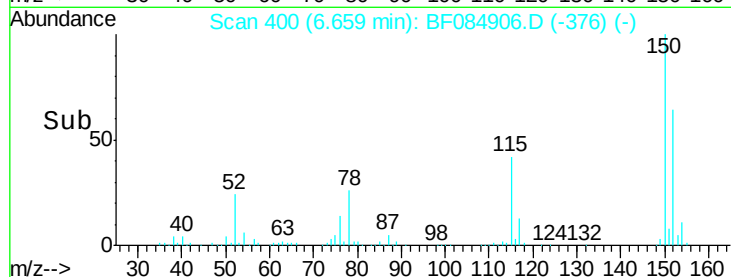
115 64.9 51.4 77.2



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: 116.74 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084906.D

Acq: 6 Feb 2016 12:40

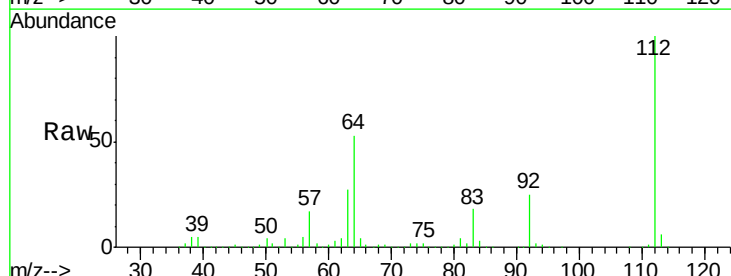
Tgt Ion:112 Resp: 1367508

Ion Ratio Lower Upper

112 100

64 52.6 36.6 55.0

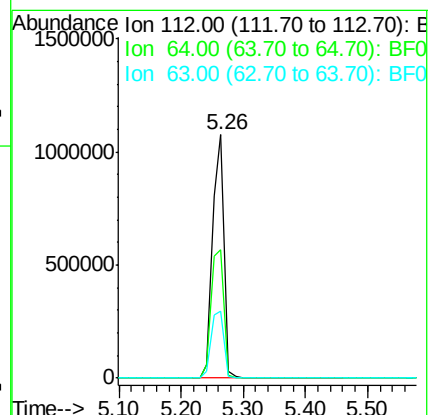
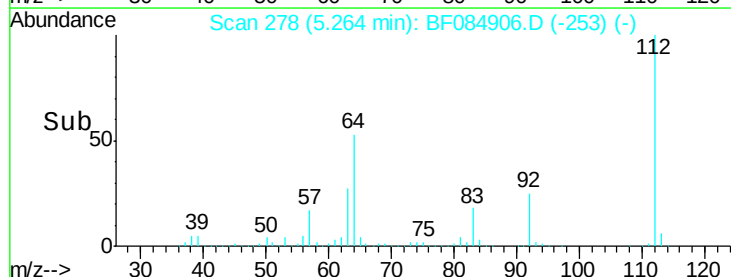
63 27.4 19.4 29.0

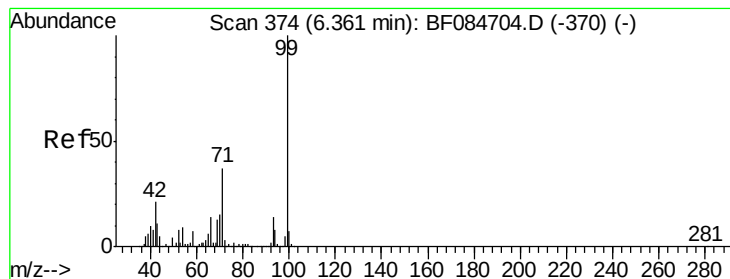


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.71 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084906.D

Acq: 6 Feb 2016 12:40

Instrument :

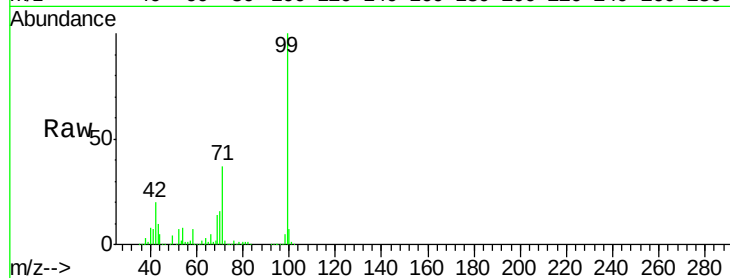
BNA_F

ClientSampleId :

PB88196TB

Tot Ion: 99 Resp: 1535126

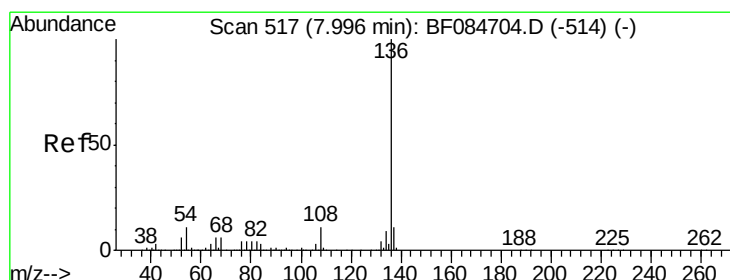
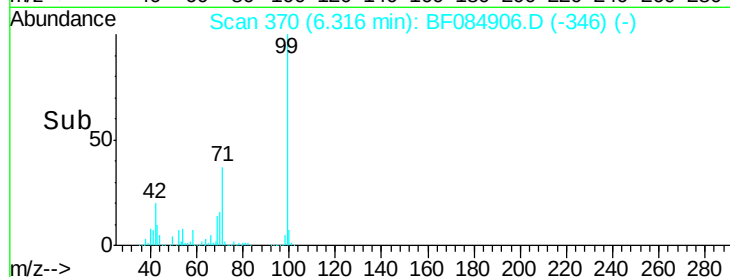
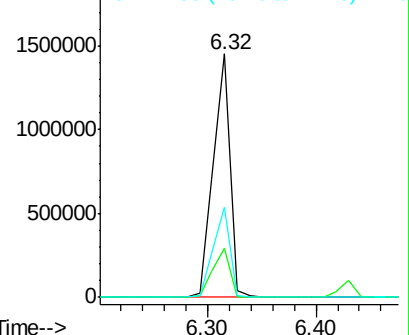
Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	37.1	30.9	46.3



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

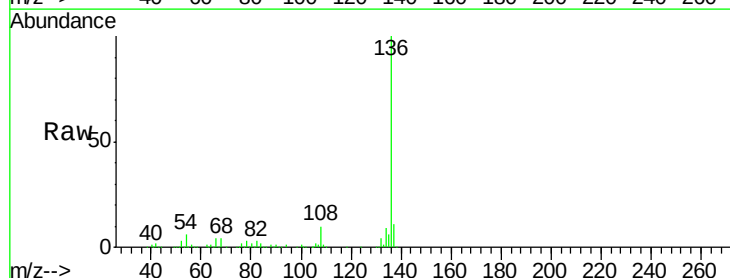
Delta R.T. -0.02 min

Lab File: BF084906.D

Acq: 6 Feb 2016 12:40

Tgt Ion: 136 Resp: 712572

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.9	5.8	8.8
68	3.6	4.2	6.2#

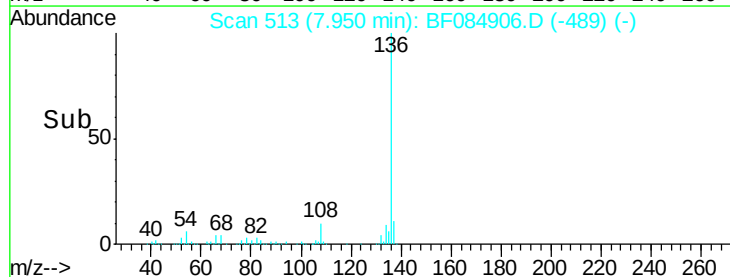
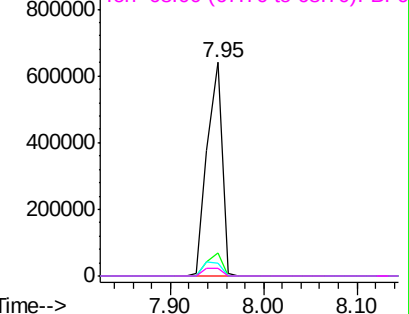


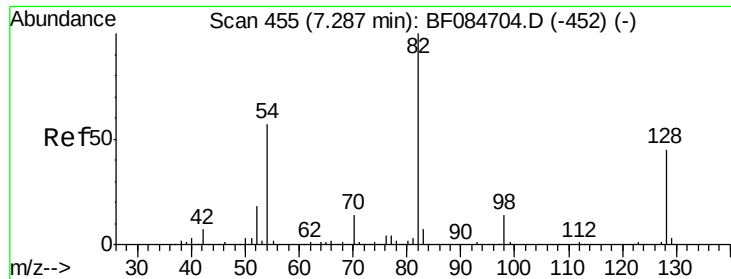
Abundance Ion 136.00 (135.70 to 136.70): E

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

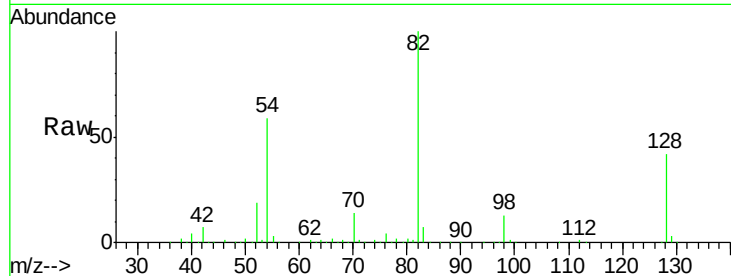




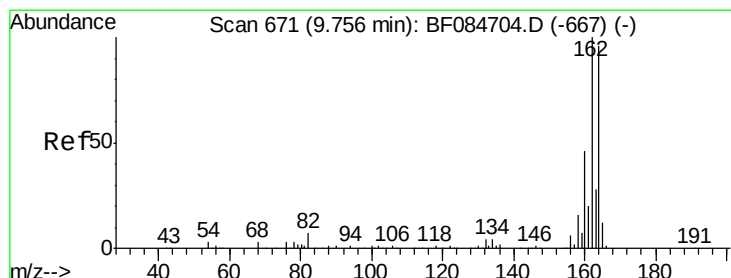
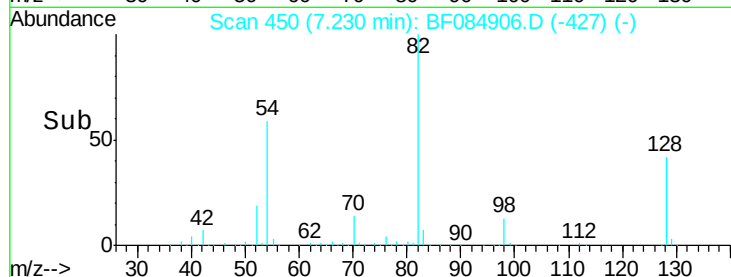
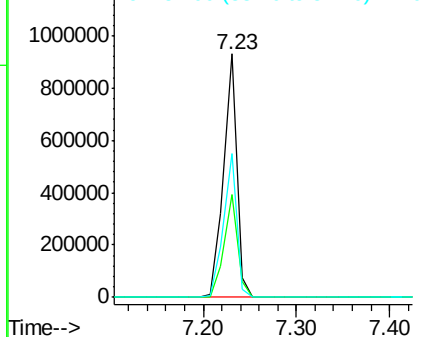
#23
Nitrobenzene-d5
Concen: 72.80 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084906.D
Acq: 6 Feb 2016 12:40

Instrument :
BNA_F
ClientSampleId :
PB88196TB

Tot Ion: 82 Resp: 920835
Ion Ratio Lower Upper
82 100
128 42.4 34.6 51.8
54 58.9 38.4 57.6#

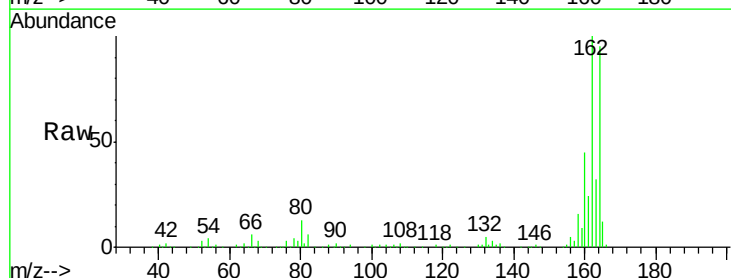


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

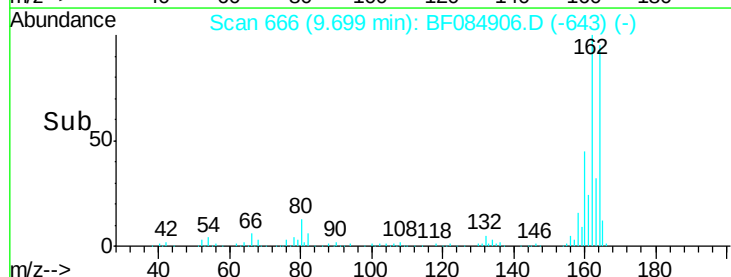
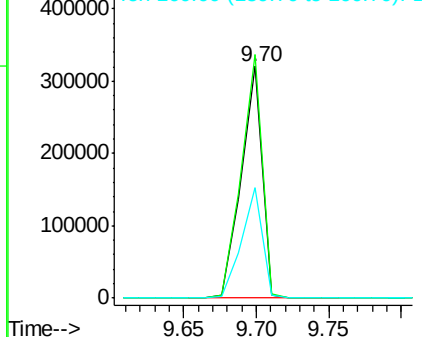


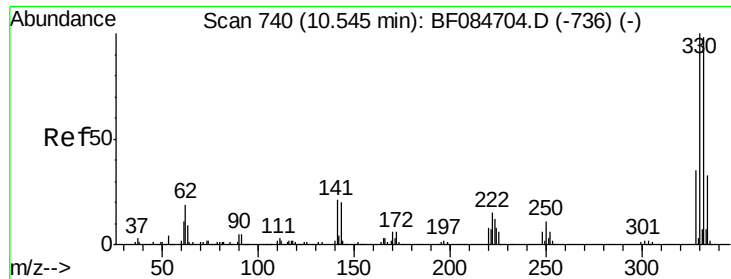
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084906.D
Acq: 6 Feb 2016 12:40

Tgt Ion:164 Resp: 319837
Ion Ratio Lower Upper
164 100
162 105.1 85.1 127.7
160 47.8 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

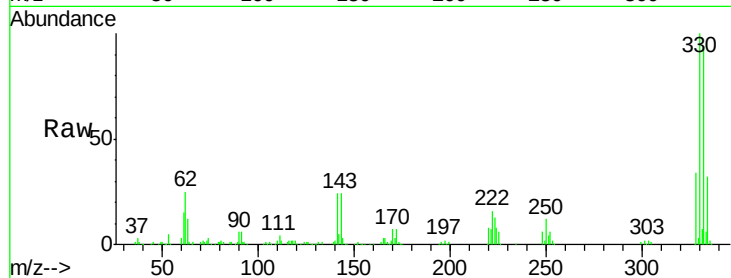




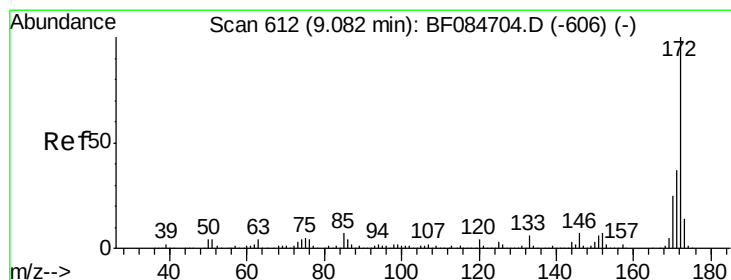
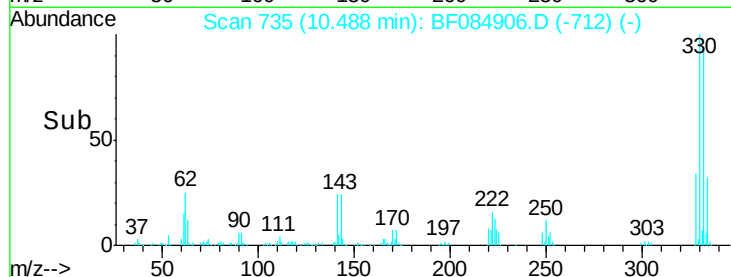
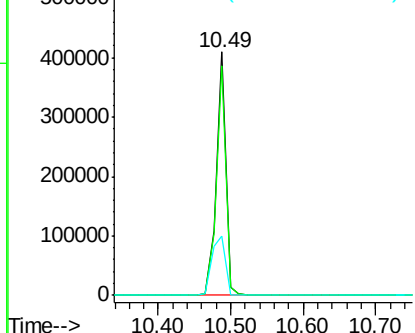
#41
 2,4,6-Tribromophenol
 Concen: 111.94 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084906.D
 Acq: 6 Feb 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88196TB

Tot Ion:330 Resp: 373444
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 34.8 27.8 41.6

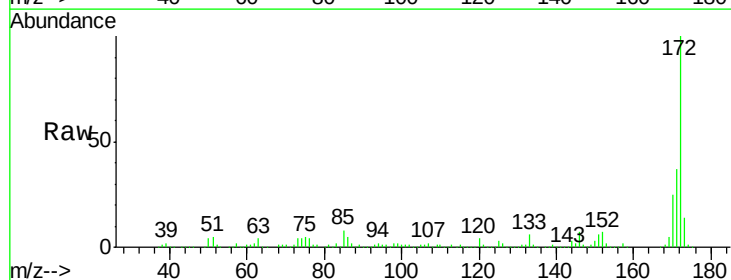


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

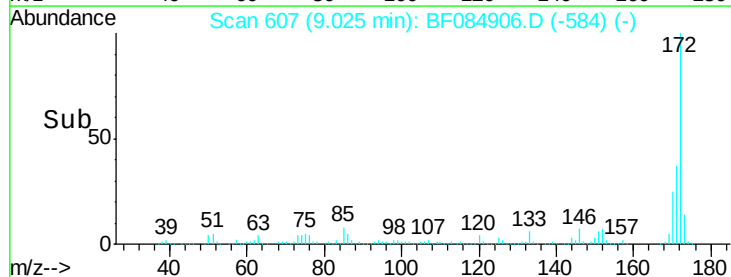
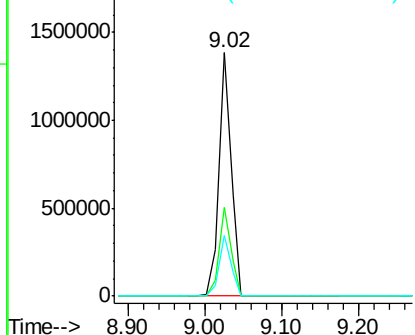


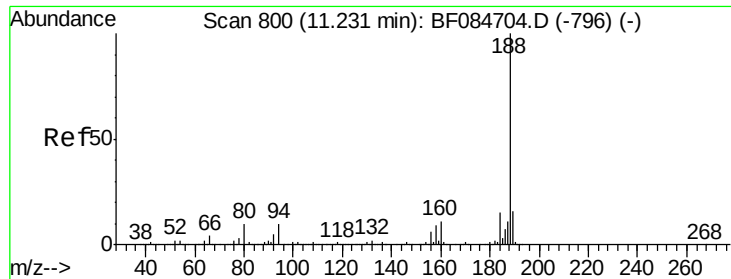
#44
 2-Fluorobiphenyl
 Concen: 78.56 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084906.D
 Acq: 6 Feb 2016 12:40

Tgt Ion:172 Resp: 1530684
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.9 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

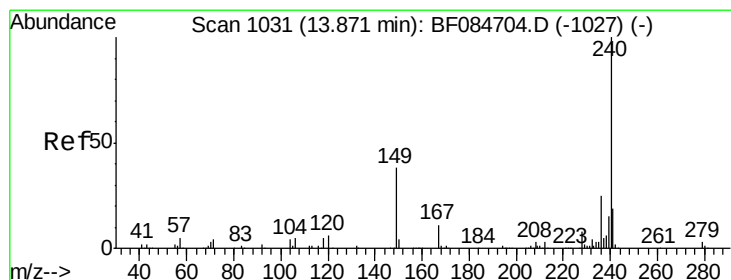
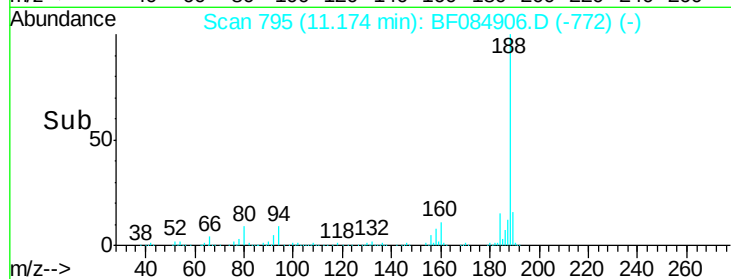
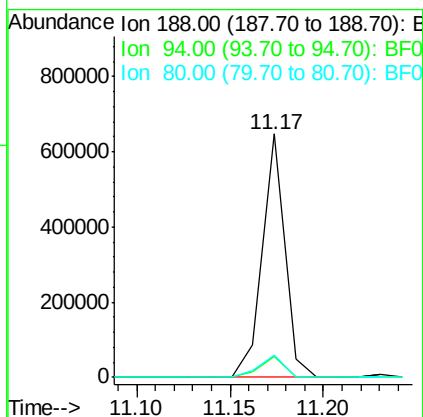
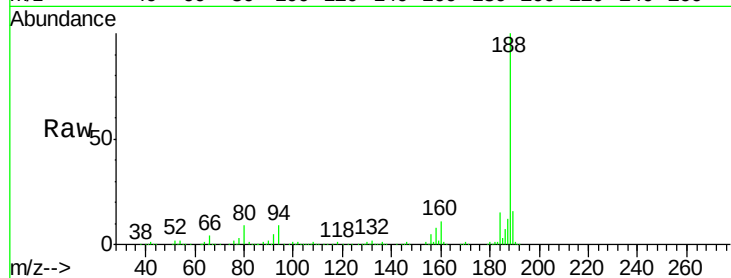




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084906.D
Acq: 6 Feb 2016 12:40

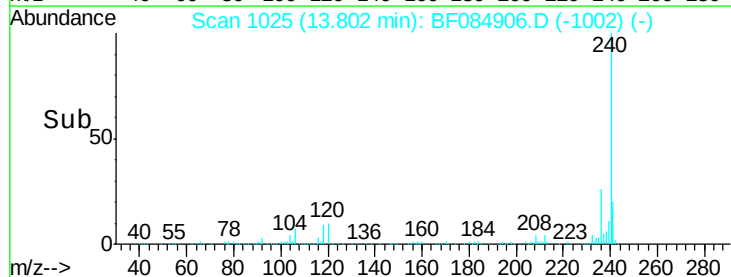
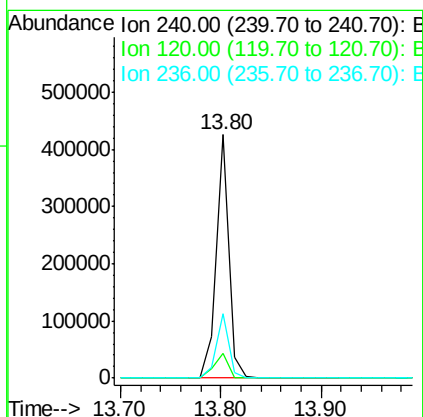
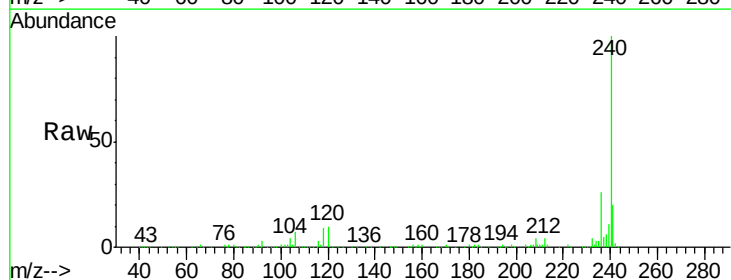
Instrument :
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PB88196TB

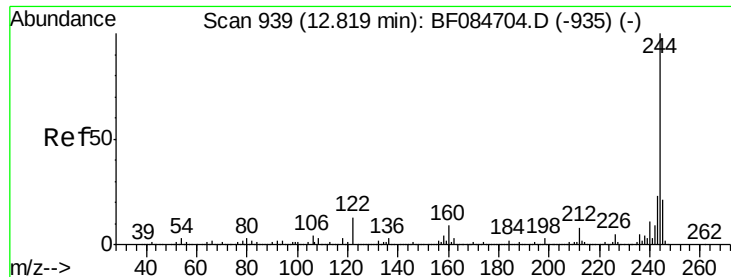
Tot Ion:188 Resp: 540516
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 9.3 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084906.D
Acq: 6 Feb 2016 12:40

Tgt Ion:240 Resp: 372004
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.3 20.6 31.0

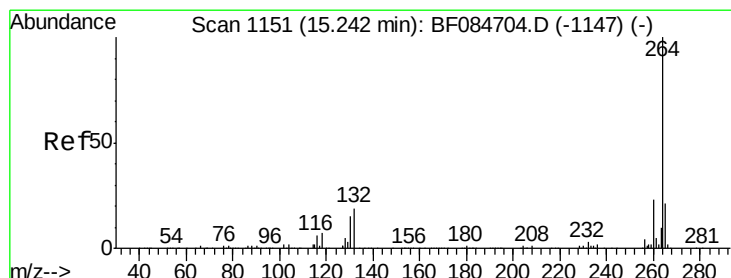
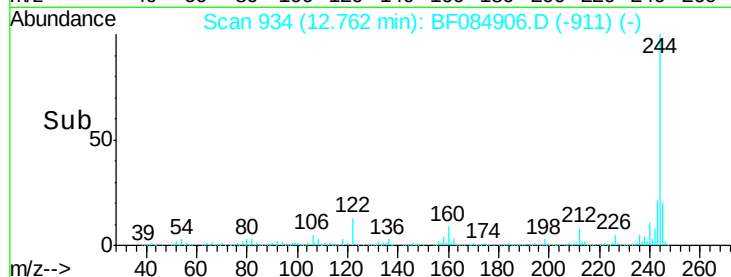
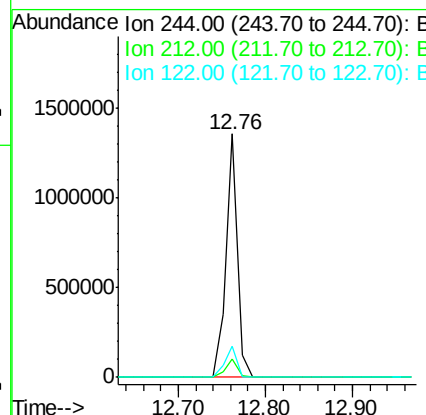
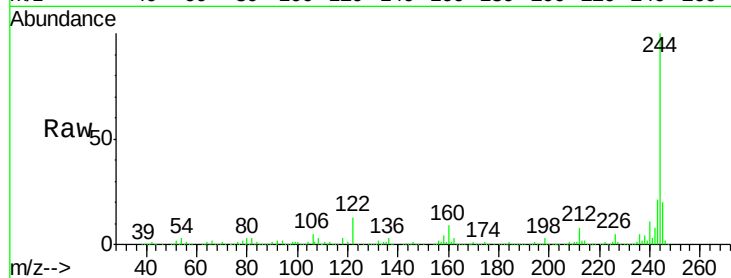




#78
 Terphenyl-d14
 Concen: 77.14 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084906.D
 Acq: 6 Feb 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88196TB

Tot Ion:244 Resp: 1266396
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 12.9 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: BF084906.D
 Acq: 6 Feb 2016 12:40

Tgt Ion:264 Resp: 333671
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.5 17.8 26.6

