

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088030.D
 Acq On : 15 Jun 2016 6:45
 Operator : UM/SJ
 Sample : H3425-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW1

Quant Time: Jun 15 07:25:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	95349	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	383701	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	154238	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	257882	20.00	ng	0.00
75) Chrysene-d12	13.93	240	239565	20.00	ng	-0.01
86) Perylene-d12	15.35	264	190115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	340409	61.03	ng	0.00
7) Phenol-d6	6.41	99	250762	37.10	ng	-0.01
23) Nitrobenzene-d5	7.35	82	491530	74.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	167735	102.99	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	983097	101.18	ng	0.00
78) Terphenyl-d14	12.89	244	663472	63.02	ng	0.00

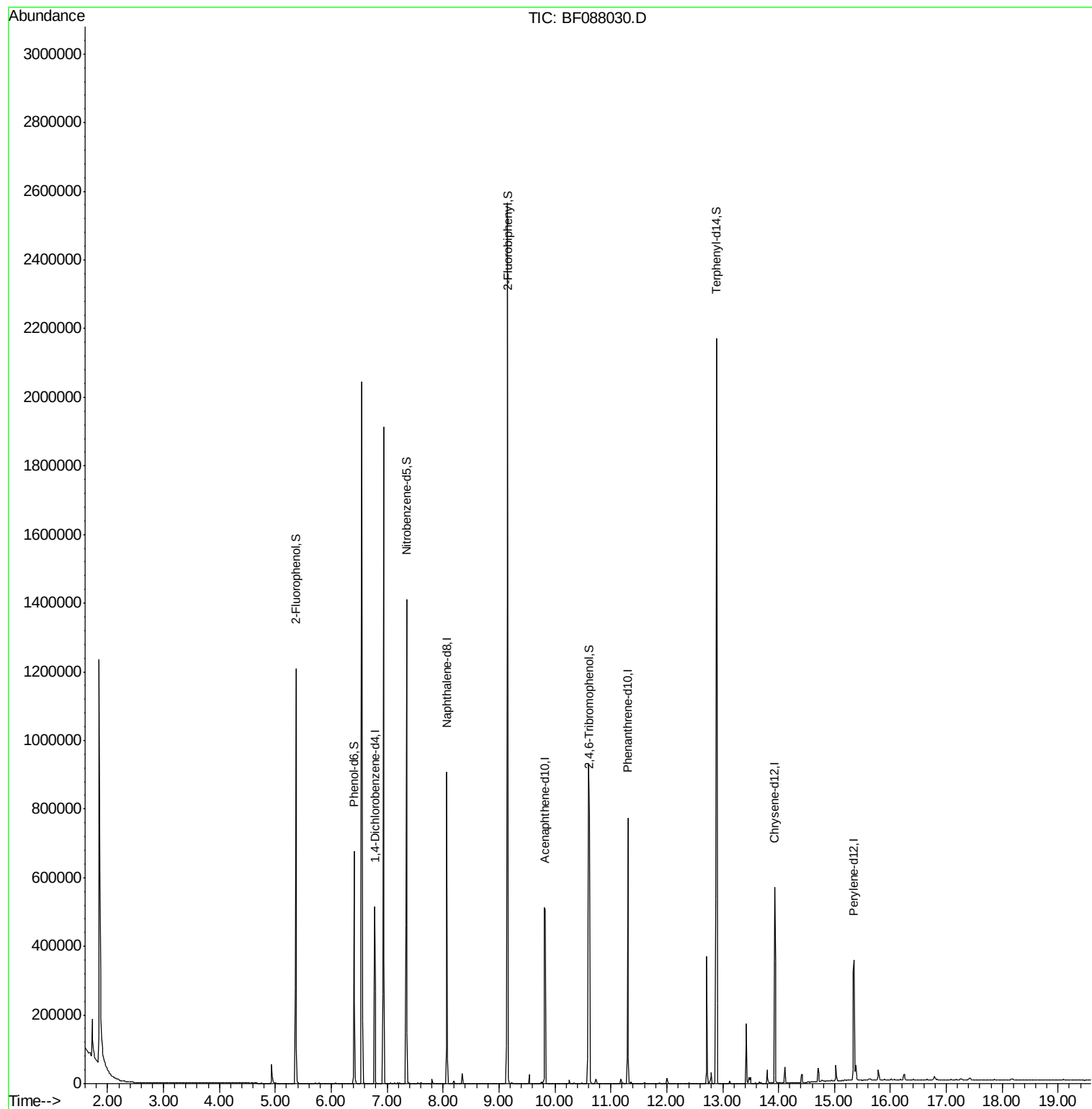
Target Compounds Qvalue

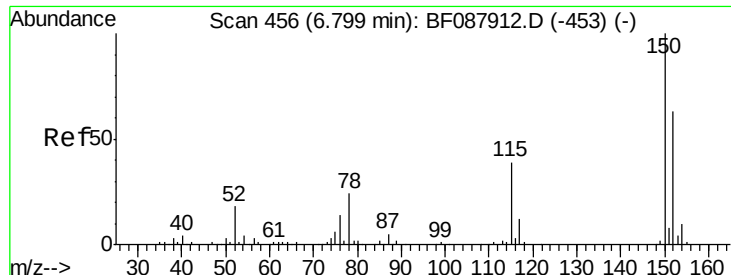
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF088030.D

Acq: 15 Jun 2016 6:45

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW1

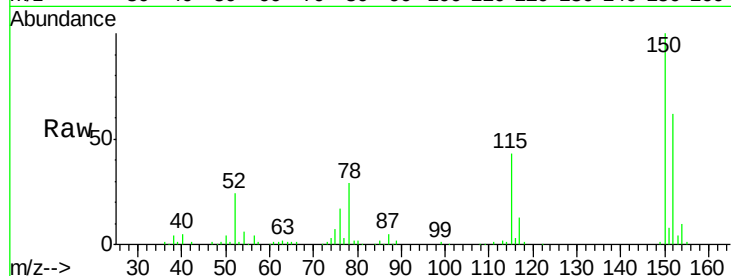
Tot Ion:152 Resp: 95349

Ion Ratio Lower Upper

152 100

150 160.3 123.8 185.6

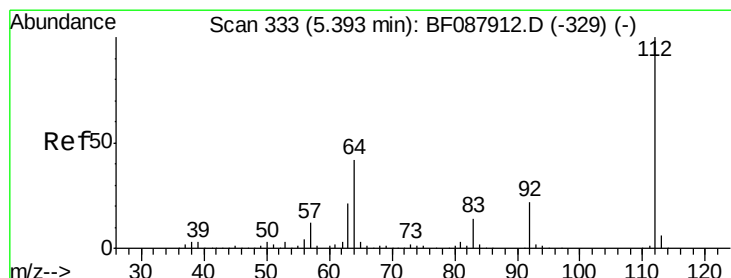
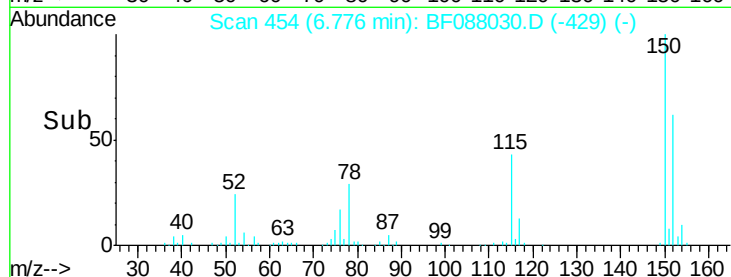
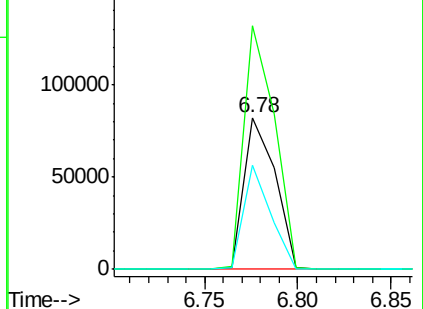
115 68.3 39.6 59.4#



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: 61.03 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF088030.D

Acq: 15 Jun 2016 6:45

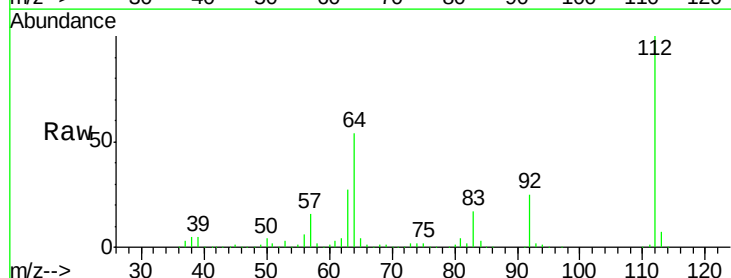
Tgt Ion:112 Resp: 340409

Ion Ratio Lower Upper

112 100

64 53.8 42.2 63.2

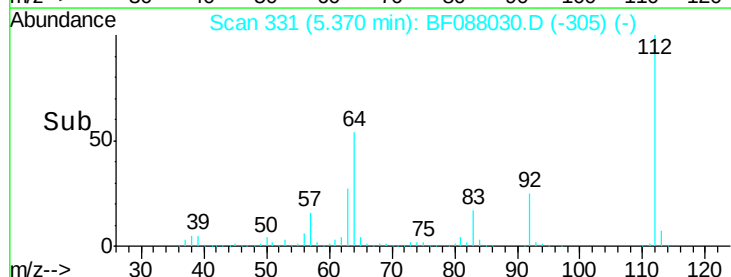
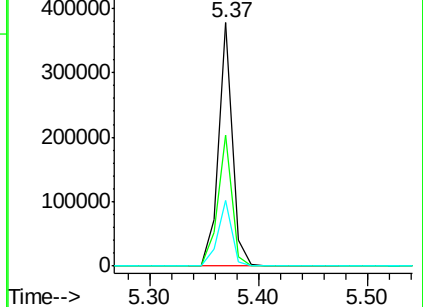
63 27.2 21.8 32.8

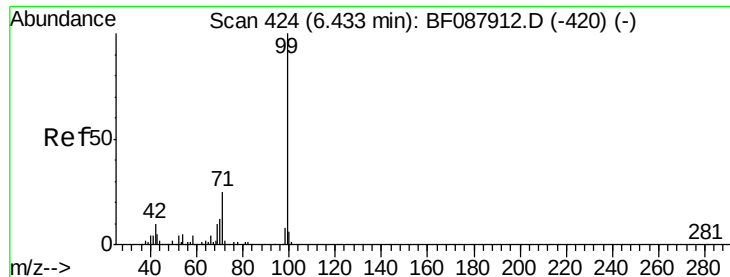


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.10 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF088030.D

Acq: 15 Jun 2016 6:45

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW1

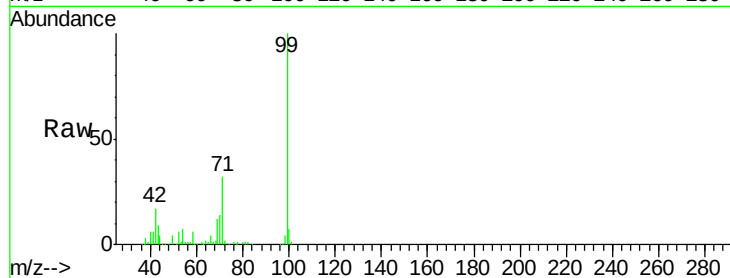
Tot Ion: 99 Resp: 250762

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

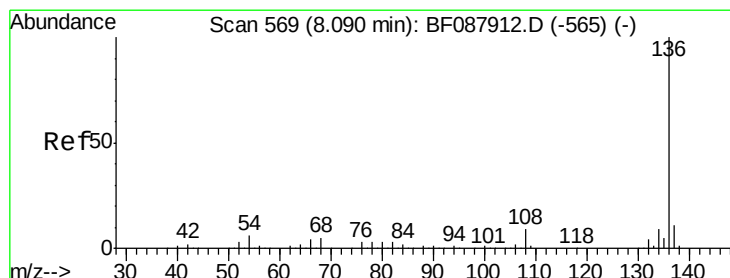
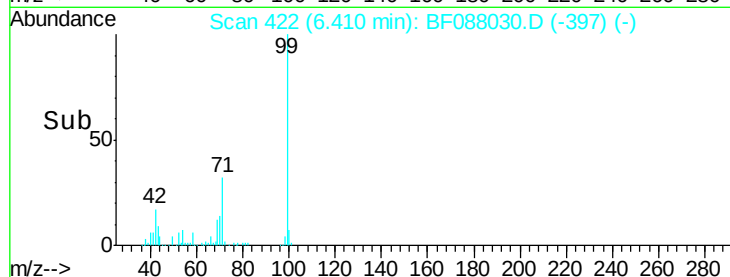
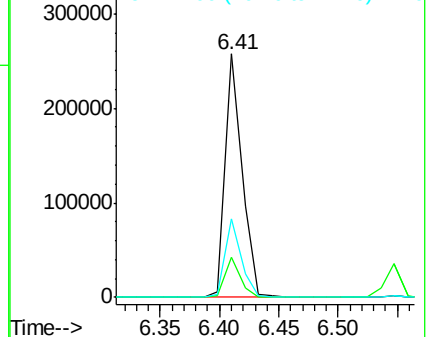
71 32.3 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF088030.D

Acq: 15 Jun 2016 6:45

Tgt Ion: 136 Resp: 383701

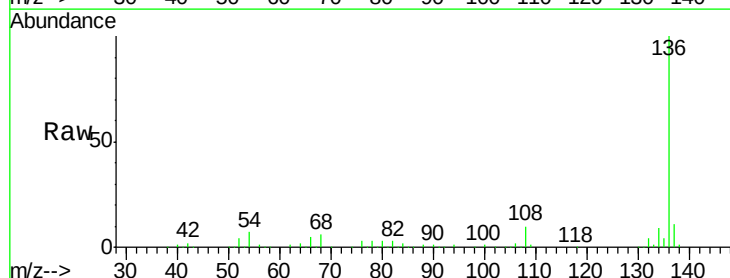
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.3 6.6 10.0

68 6.1 5.1 7.7

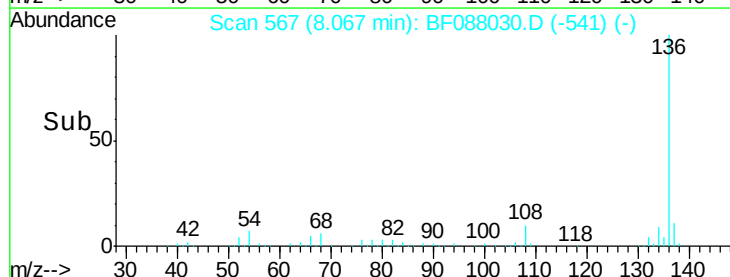
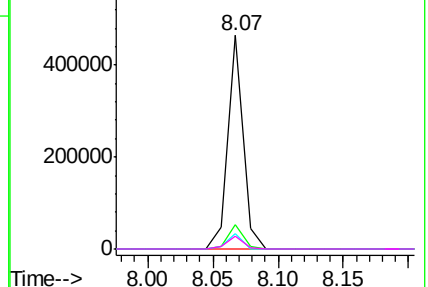


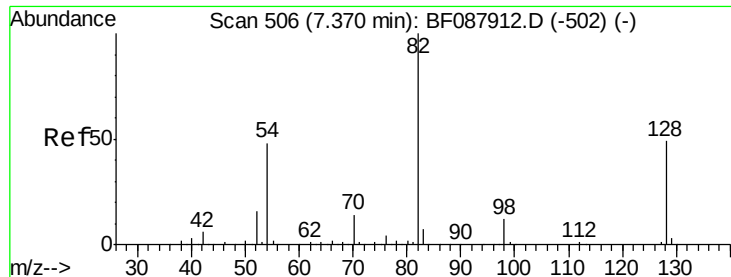
Abundance Ion 136.00 (135.70 to 136.70): E

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

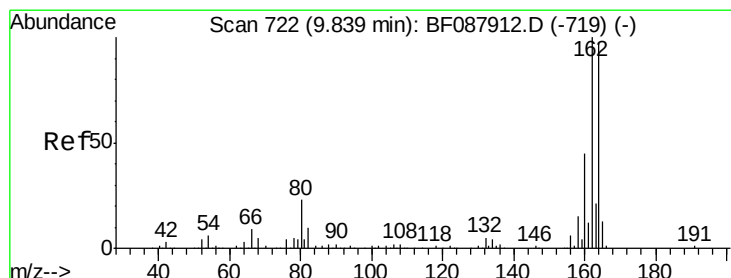
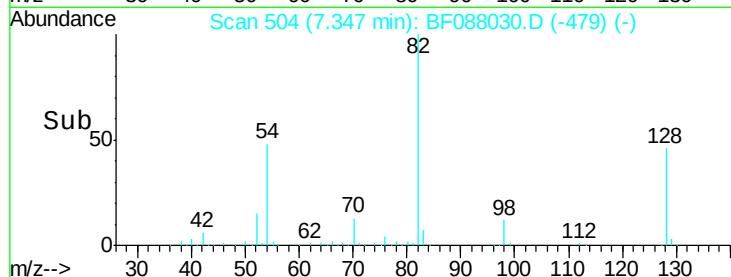
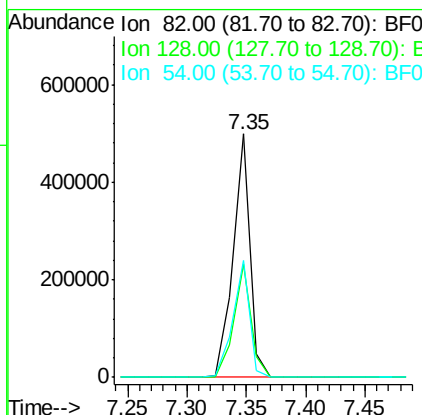
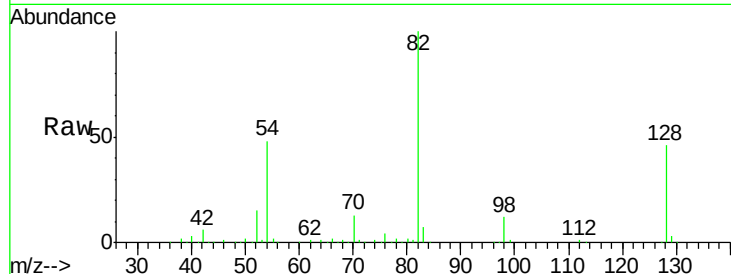




#23
 Nitrobenzene-d5
 Concen: 74.80 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088030.D
 Acq: 15 Jun 2016 6:45

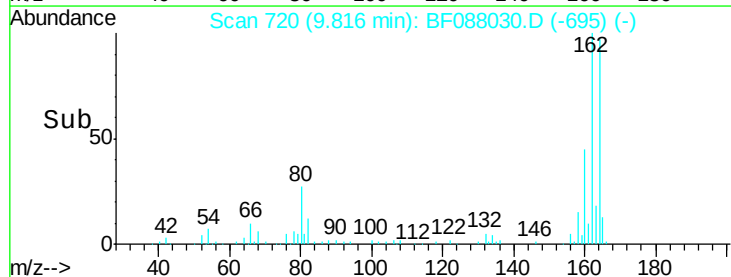
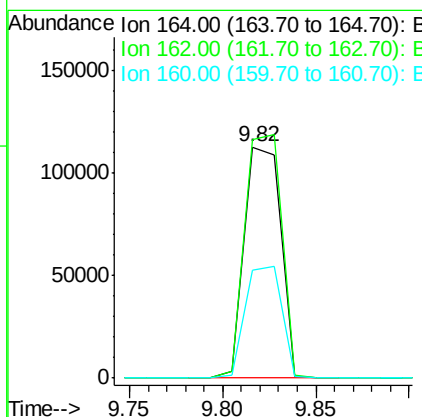
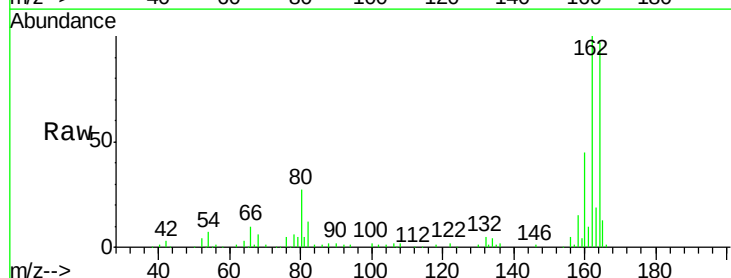
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW1

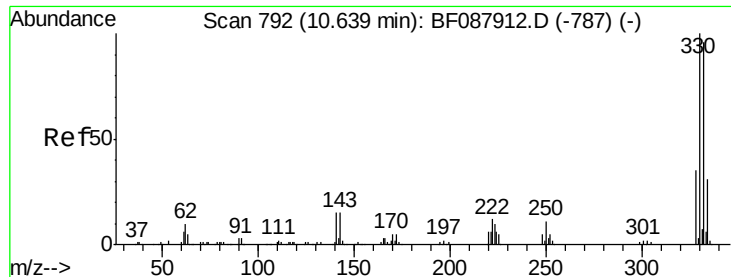
Tot Ion	82	Resp	491530
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.9	53.9
54	47.9	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF088030.D
 Acq: 15 Jun 2016 6:45

Tgt Ion	164	Resp	154238
Ion Ratio	Lower	Upper	
164	100		
162	103.3	85.4	128.2
160	46.8	39.5	59.3

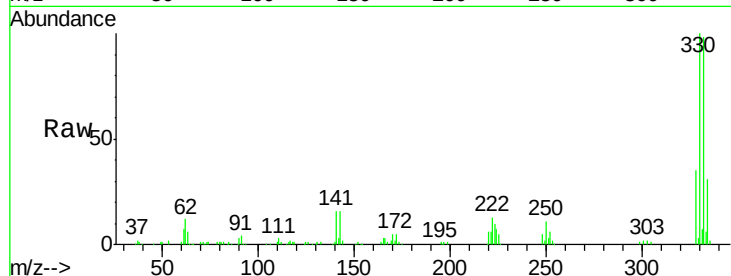




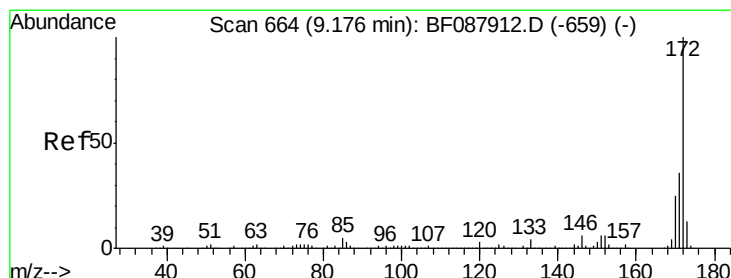
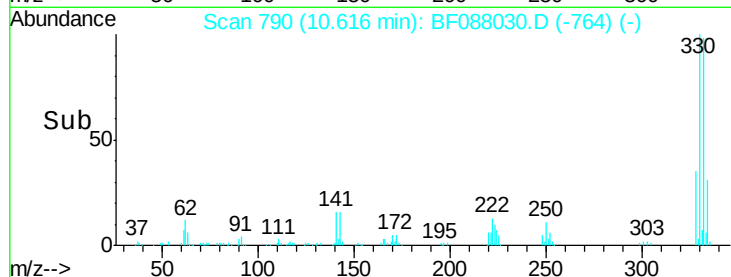
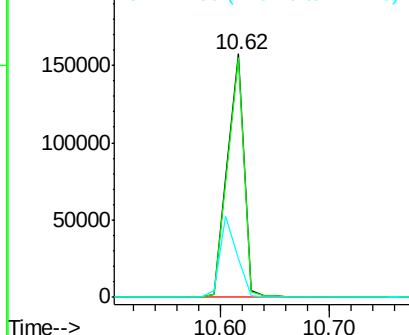
#41
 2,4,6-Tribromophenol
 Concen: 102.99 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF088030.D
 Acq: 15 Jun 2016 6:45

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	33.9	0.0	0.0#

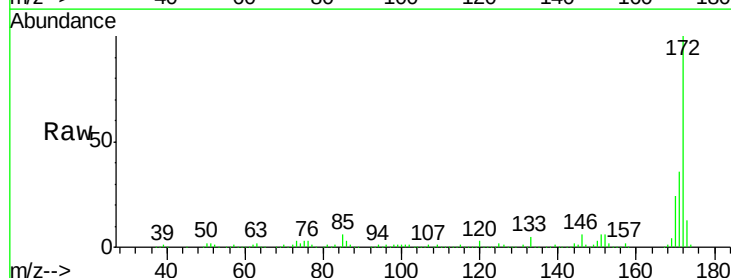


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

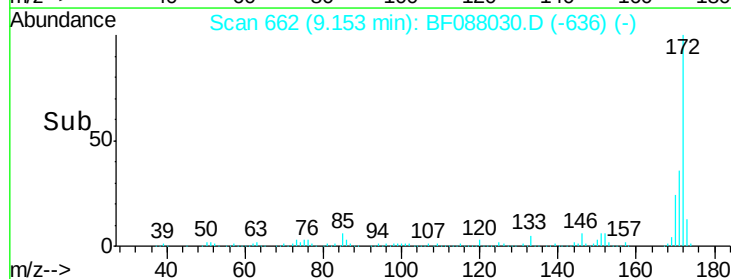
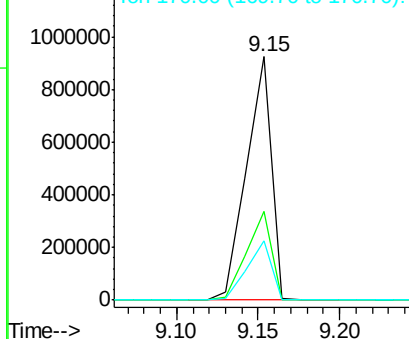


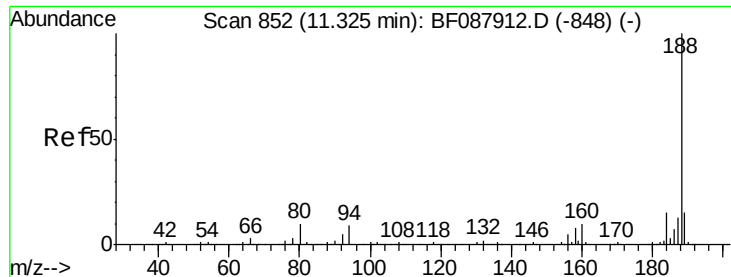
#44
 2-Fluorobiphenyl
 Concen: 101.18 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088030.D
 Acq: 15 Jun 2016 6:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.4	19.2	28.8



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

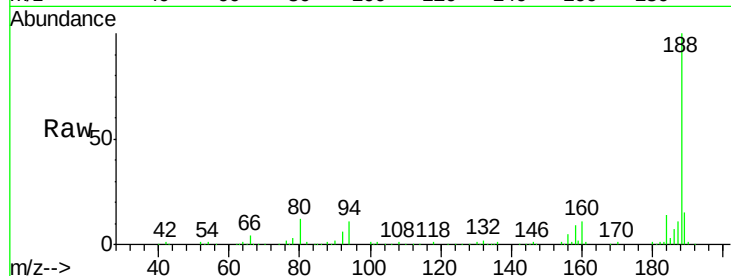




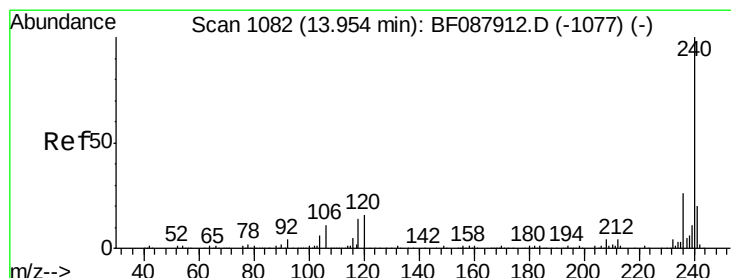
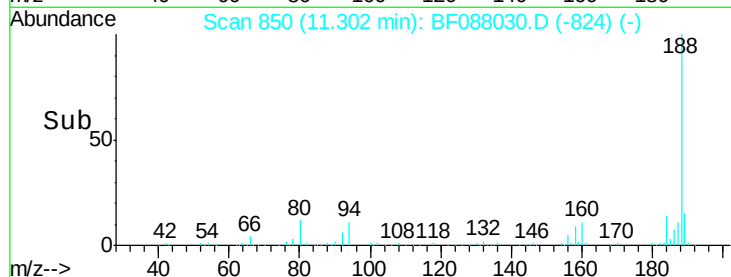
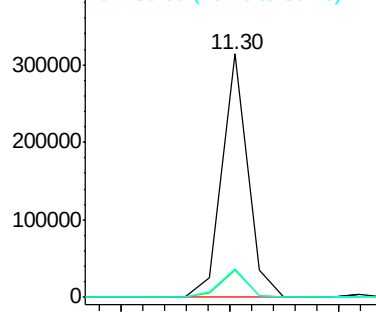
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF088030.D
Acq: 15 Jun 2016 6:45

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW1

Tot Ion:188 Resp: 257882
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 11.6 10.0 15.0

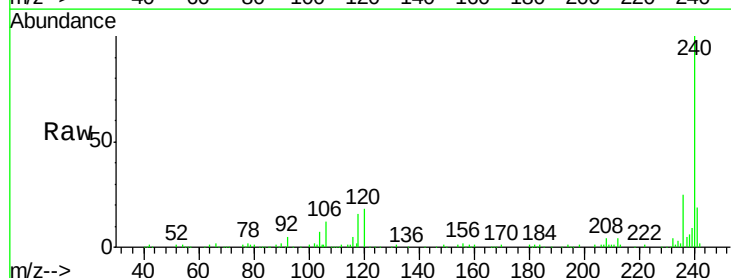


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

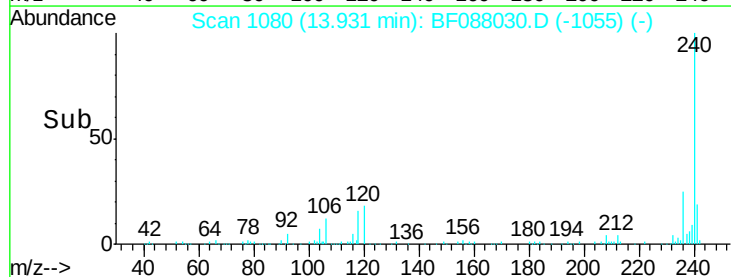
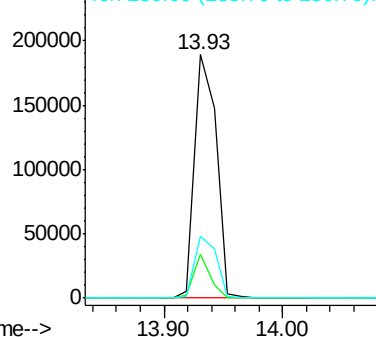


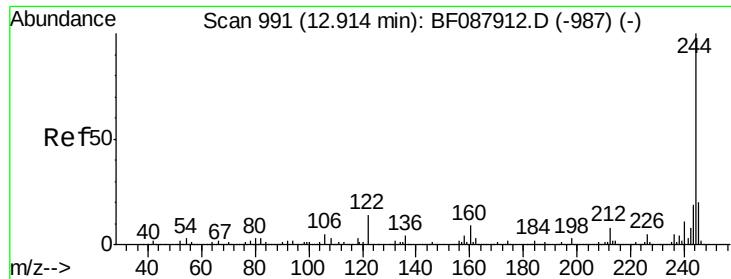
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088030.D
Acq: 15 Jun 2016 6:45

Tgt Ion:240 Resp: 239565
Ion Ratio Lower Upper
240 100
120 18.1 6.8 10.2#
236 25.4 20.2 30.2



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

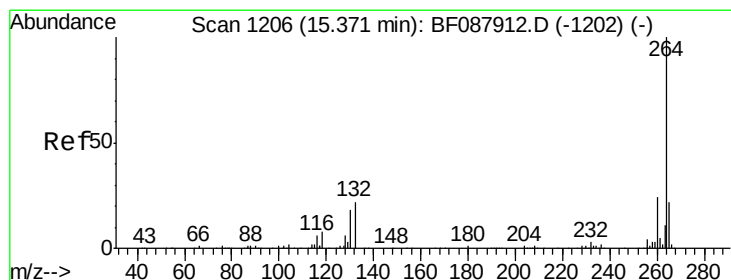
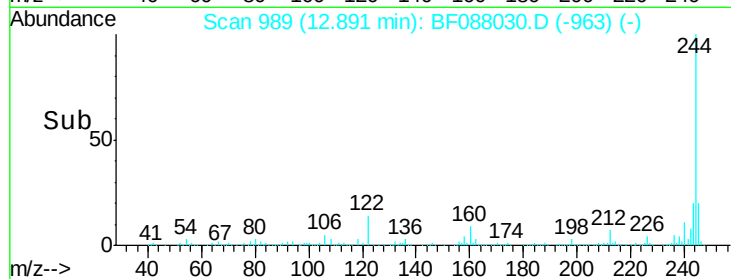
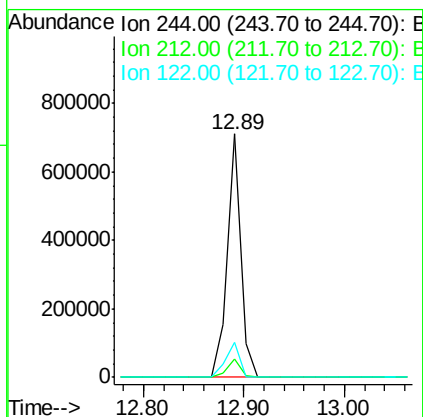
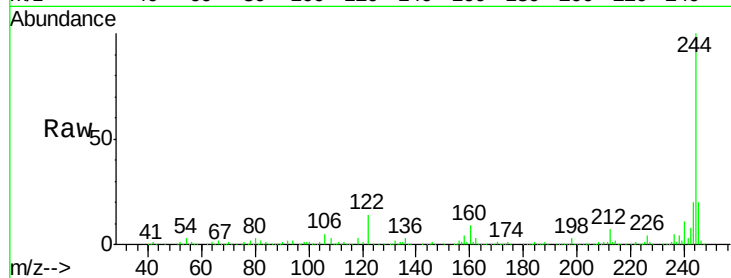




#78
 Terphenyl-d14
 Concen: 63.02 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF088030.D
 Acq: 15 Jun 2016 6:45

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW1

Tot Ion:244 Resp: 663472
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.1 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088030.D
 Acq: 15 Jun 2016 6:45

Tgt Ion:264 Resp: 190115
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 16.9 25.3

