

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087920.D
 Acq On : 11 Jun 2016 23:58
 Operator : UM/SJ
 Sample : H3362-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

Quant Time: Jun 12 05:53:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	152049	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	653179	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	303894	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	606720	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	509396	20.00	ng	-0.03
86) Perylene-d12	15.37	264	418342	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	479403	53.90	ng	-0.03
7) Phenol-d6	6.43	99	375335	34.82	ng	-0.05
23) Nitrobenzene-d5	7.37	82	791919	70.80	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	342327	106.68	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1501968	77.13	ng	-0.03
78) Terphenyl-d14	12.91	244	1322369	59.07	ng	-0.03

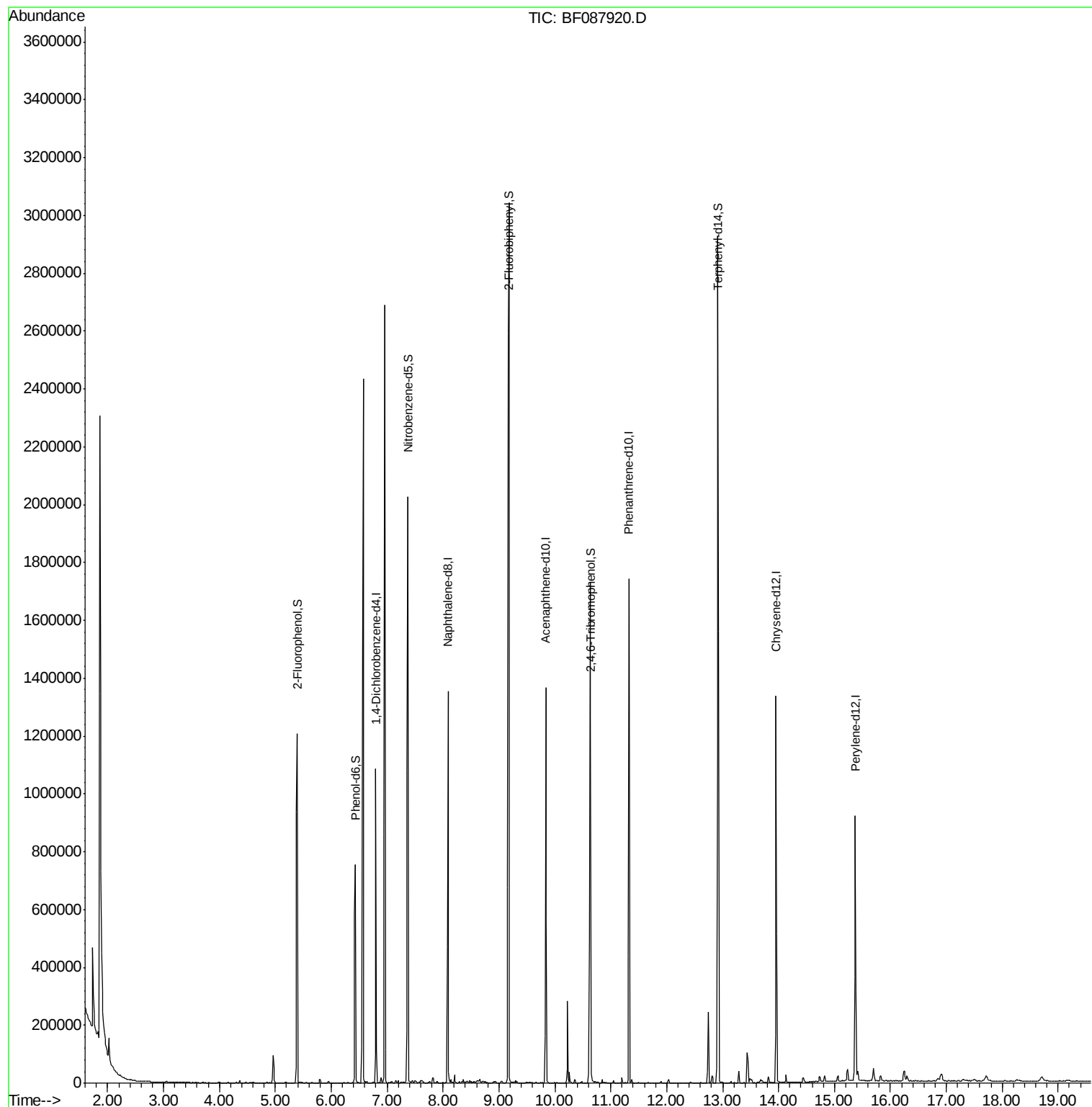
Target Compounds Qvalue

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

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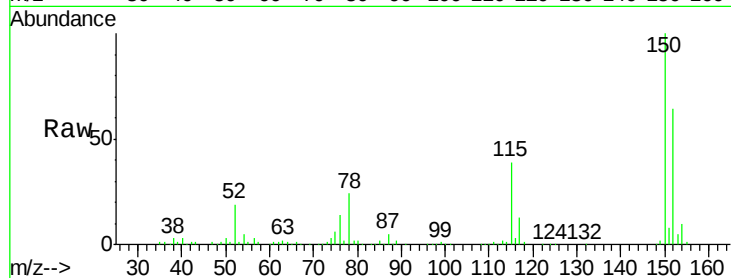


#1

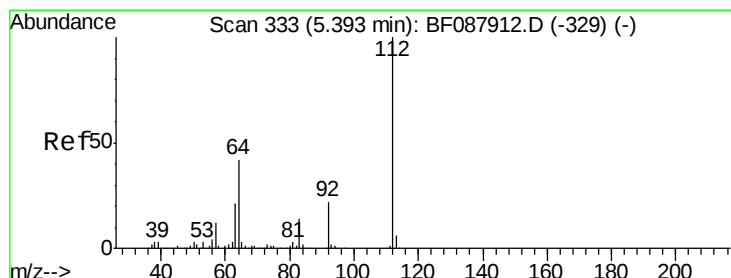
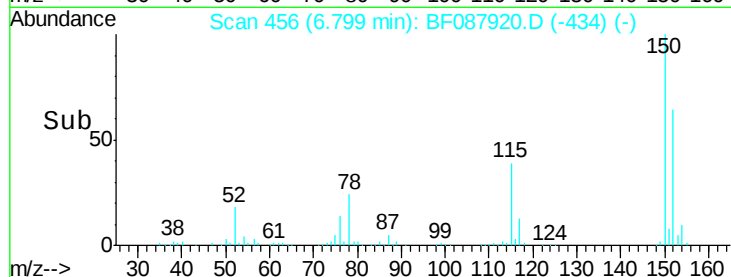
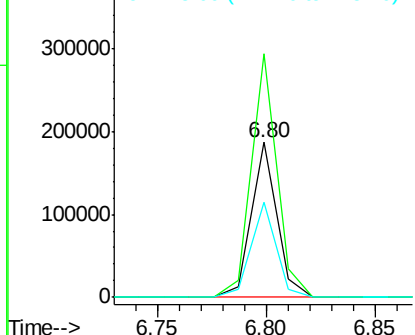
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087920.D
Acq: 11 Jun 2016 23:58

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	61.4	39.6	59.4



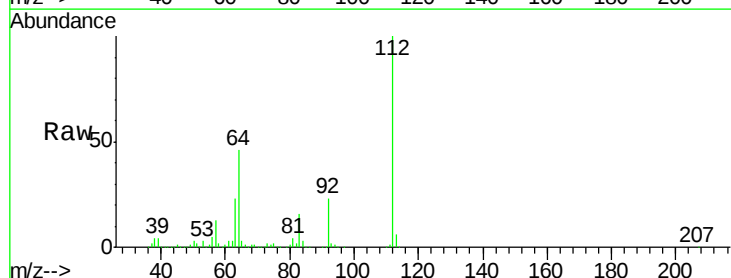
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



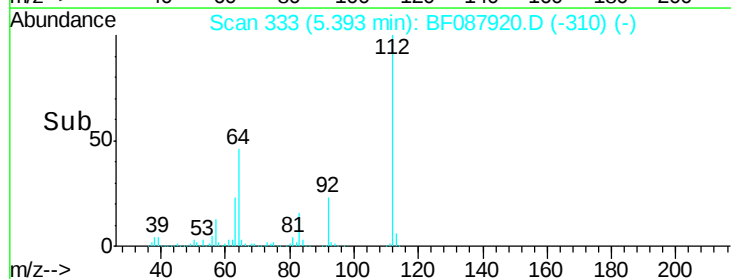
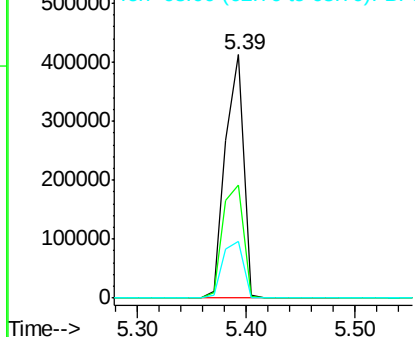
#5

2-Fluorophenol
Concen: 53.90 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087920.D
Acq: 11 Jun 2016 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.4	42.2	63.2
63	23.2	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: 34.82 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087920.D

Acq: 11 Jun 2016 23:58

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961

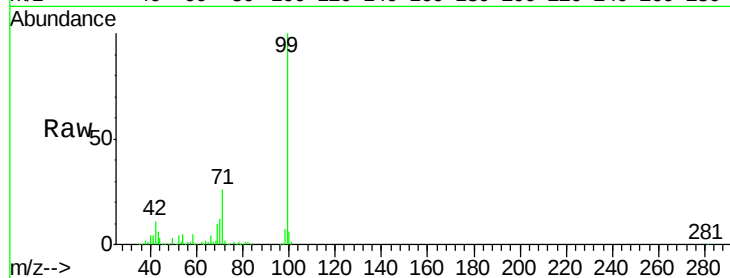
Tot Ion: 99 Resp: 375335

Ion Ratio Lower Upper

99 100

42 11.0 12.2 18.2#

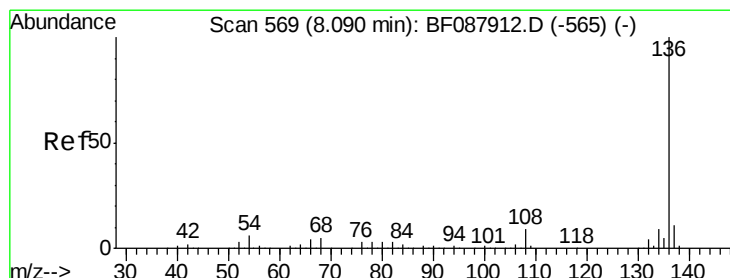
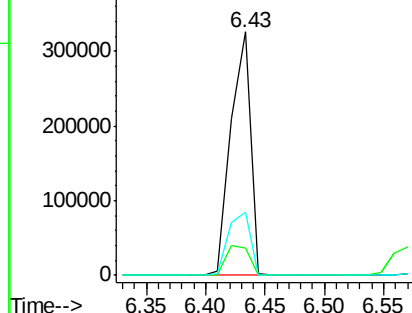
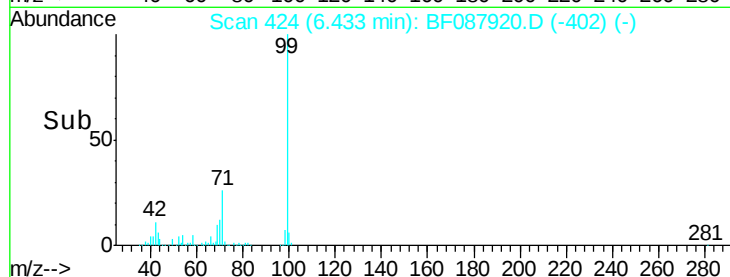
71 26.1 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087920.D

Acq: 11 Jun 2016 23:58

Tgt Ion: 136 Resp: 653179

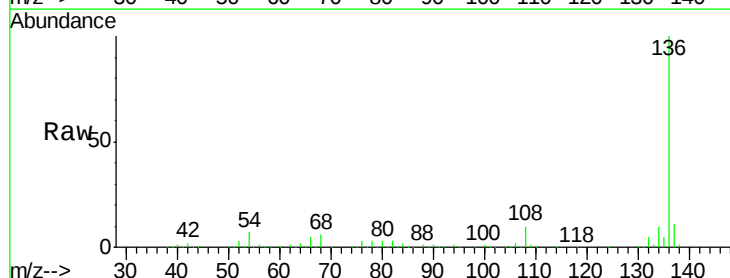
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.6 6.6 10.0#

68 5.6 5.1 7.7

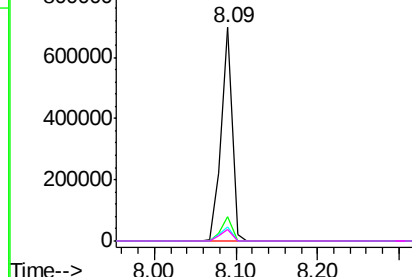
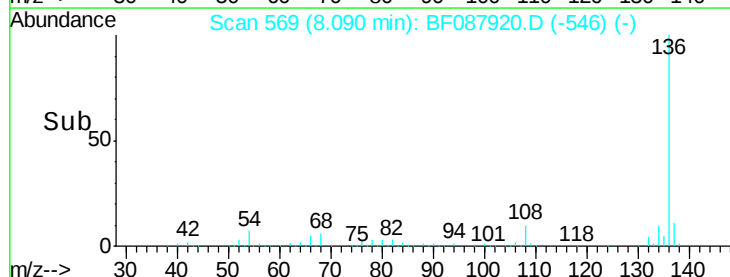


Abundance Ion 136.00 (135.70 to 136.70): E

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

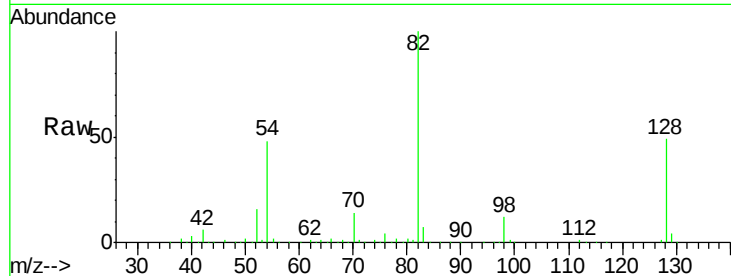




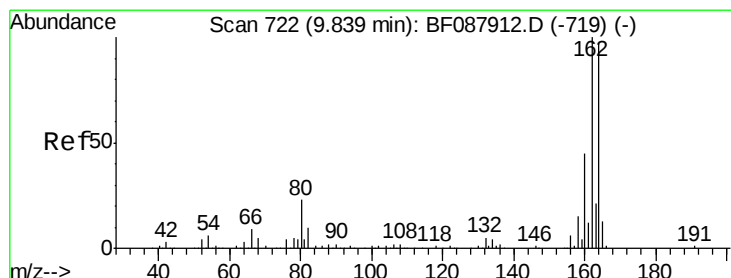
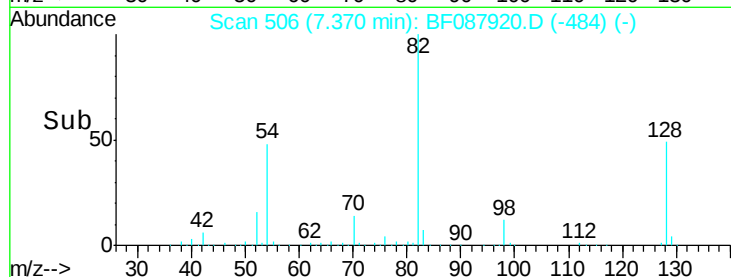
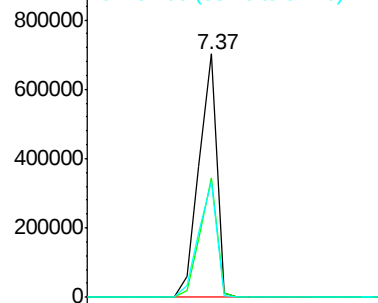
#23
 Nitrobenzene-d5
 Concen: 70.80 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087920.D
 Acq: 11 Jun 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

Tot Ion	82	Resp	791919
Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.9	53.9
54	47.6	40.9	61.3

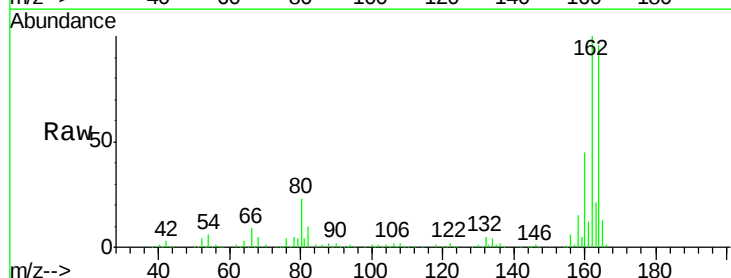


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

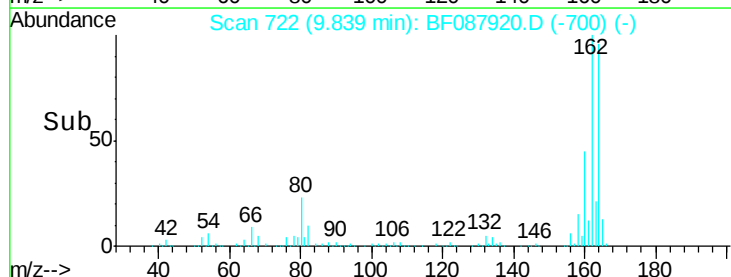
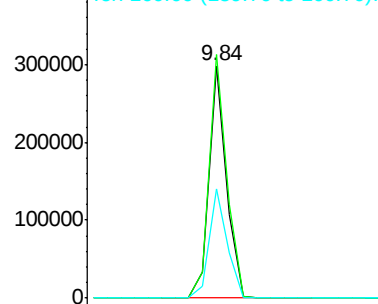


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087920.D
 Acq: 11 Jun 2016 23:58

Tgt Ion	164	Resp	303894
Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.4	128.2
160	47.2	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

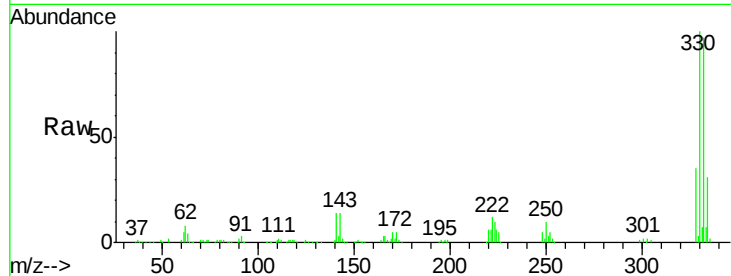




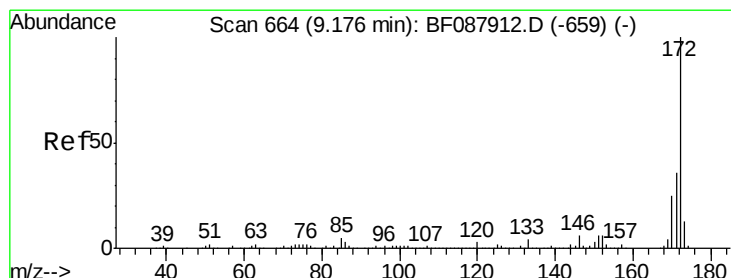
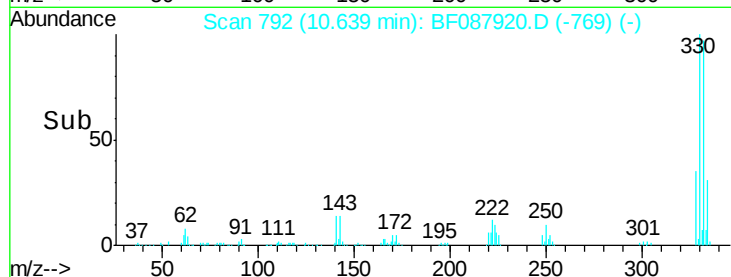
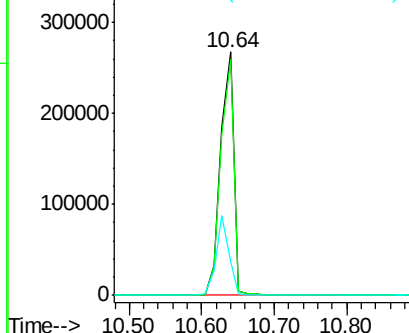
#41
 2,4,6-Tribromophenol
 Concen: 106.68 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087920.D
 Acq: 11 Jun 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

Tot Ion:330 Resp: 342327
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 31.5 0.0 0.0#

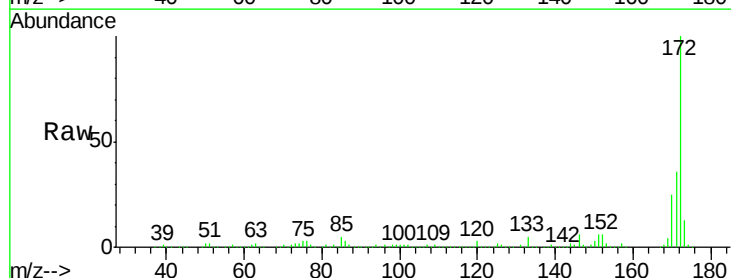


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

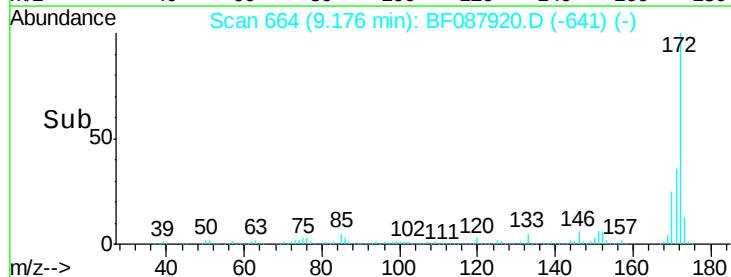
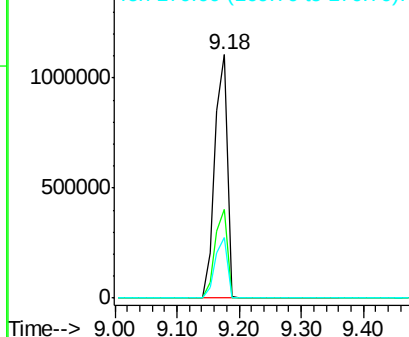


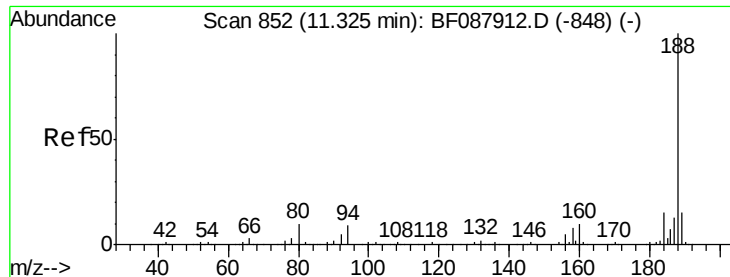
#44
 2-Fluorobiphenyl
 Concen: 77.13 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087920.D
 Acq: 11 Jun 2016 23:58

Tgt Ion:172 Resp: 1501968
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.7 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

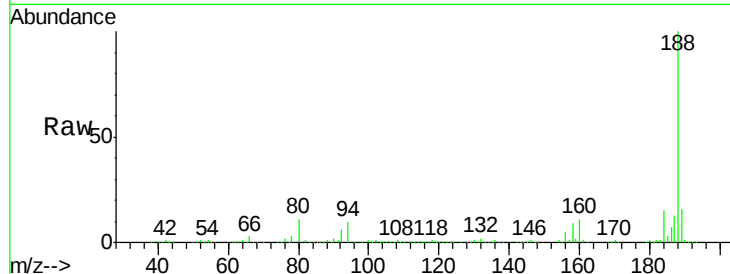




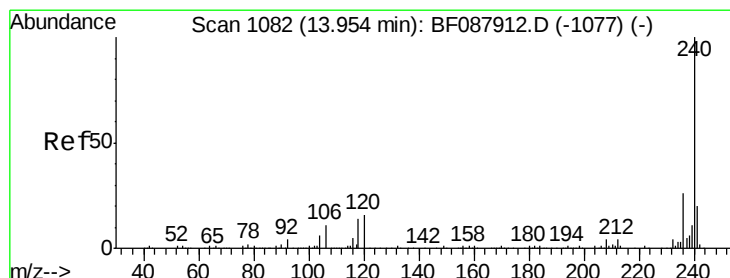
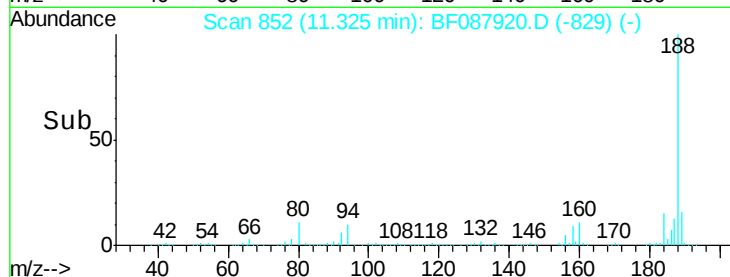
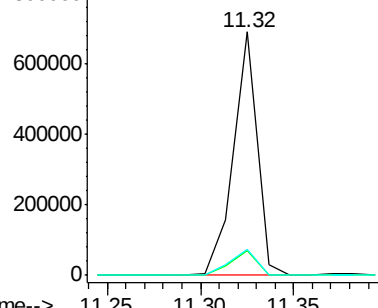
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087920.D
Acq: 11 Jun 2016 23:58

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961

Tot Ion:188 Resp: 606720
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 10.6 10.0 15.0

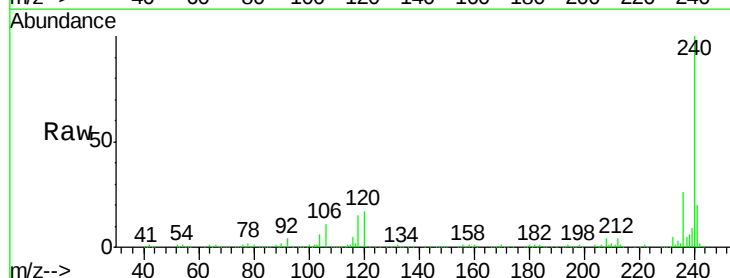


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

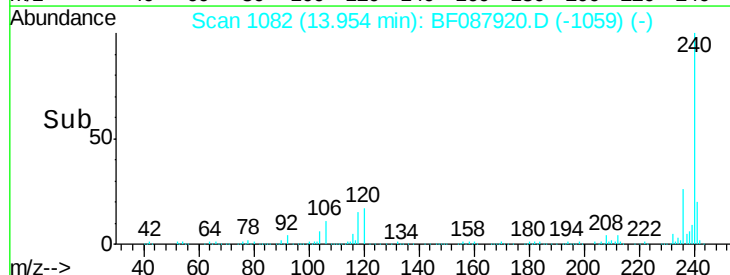
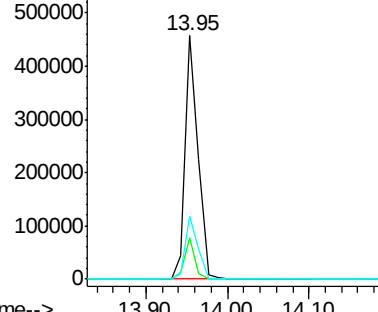


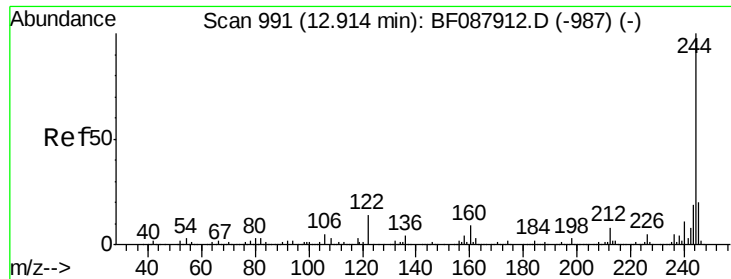
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087920.D
Acq: 11 Jun 2016 23:58

Tgt Ion:240 Resp: 509396
Ion Ratio Lower Upper
240 100
120 16.8 6.8 10.2#
236 25.9 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

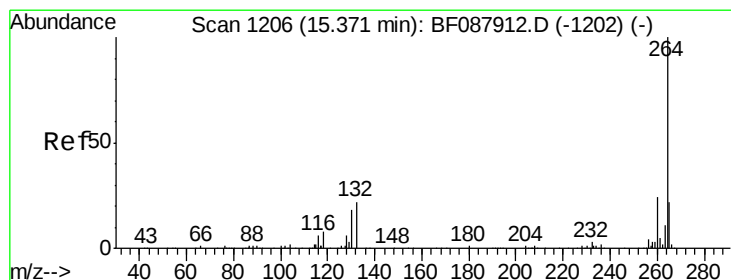
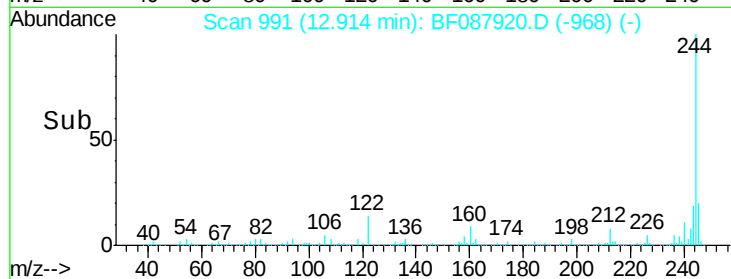
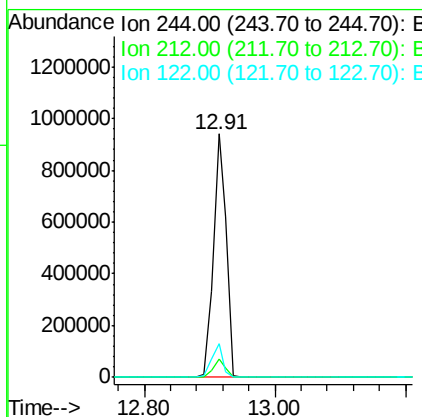
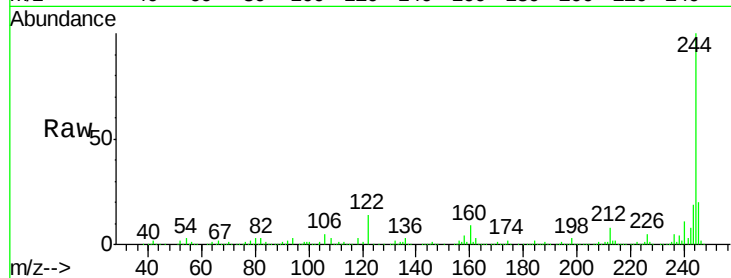




#78
 Terphenyl-d14
 Concen: 59.07 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087920.D
 Acq: 11 Jun 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

Tot Ion:244 Resp: 1322369
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087920.D
 Acq: 11 Jun 2016 23:58

Tgt Ion:264 Resp: 418342
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.9 16.9 25.3

