

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089052.D
 Acq On : 16 Jul 2016 13:37
 Operator : UM/SJ
 Sample : H3951-15 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 01:12:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

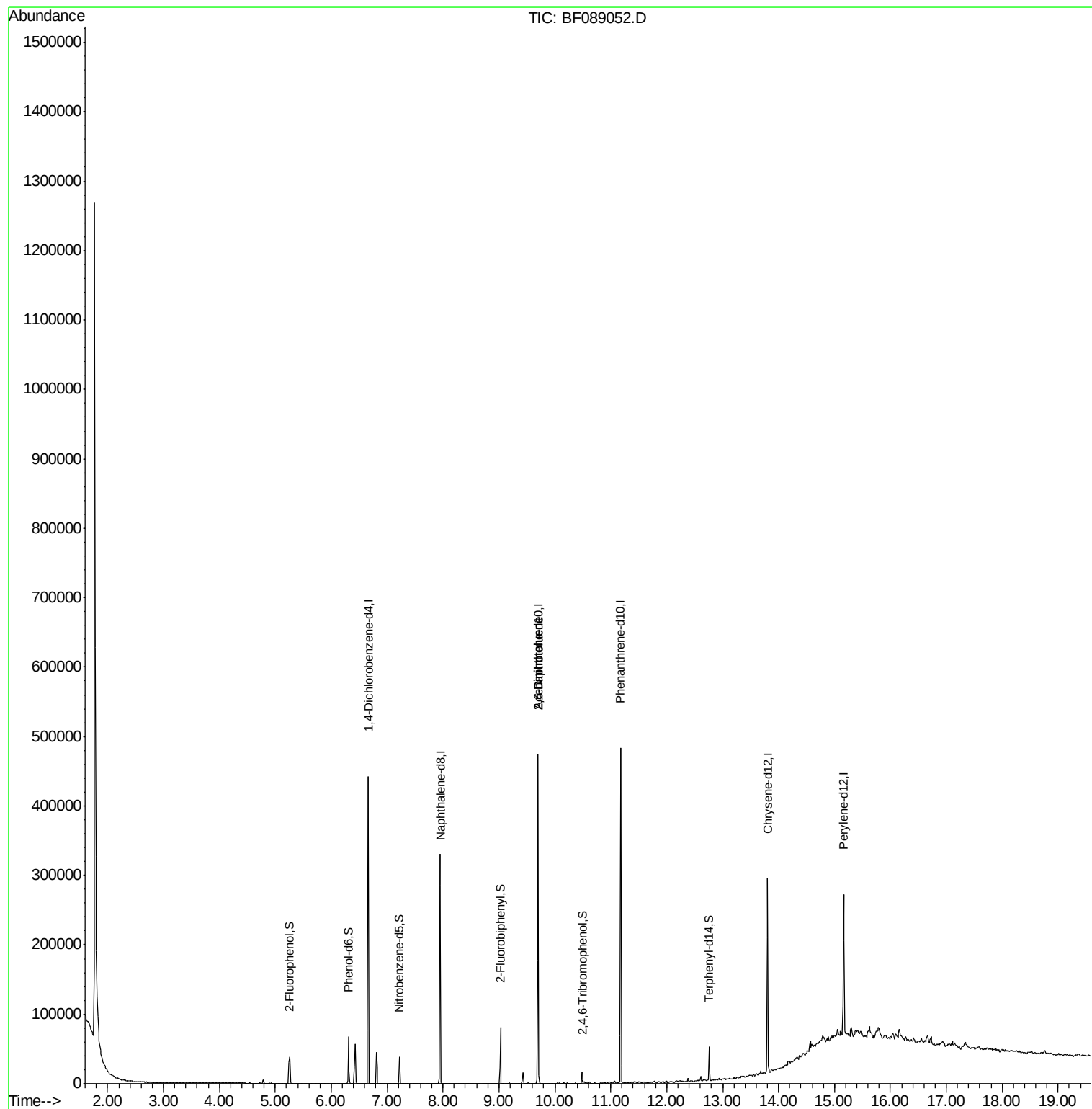
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	60665	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	213513	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	97344	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	156649	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	112797	20.00	ng	-0.05
86) Perylene-d12	15.17	264	91641	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	15762	3.89	ng	-0.03
7) Phenol-d6	6.31	99	22665	4.33	ng	-0.05
23) Nitrobenzene-d5	7.22	82	11697	2.87	ng	-0.06
41) 2,4,6-Tribromophenol	10.49	330	2148	2.38	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	27960	4.54	ng	-0.05
78) Terphenyl-d14	12.75	244	16570	3.27	ng	-0.05
Target Compounds						
50) 2,6-Dinitrotoluene	9.70	165	12272	7.98	ng	# 37
56) 2,4-Dinitrotoluene	9.70	165	12272	6.11	ng	# 36

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

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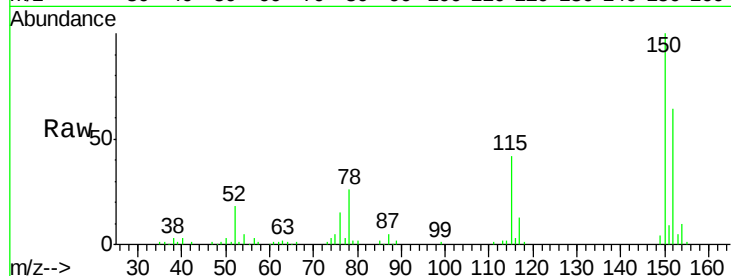


#1

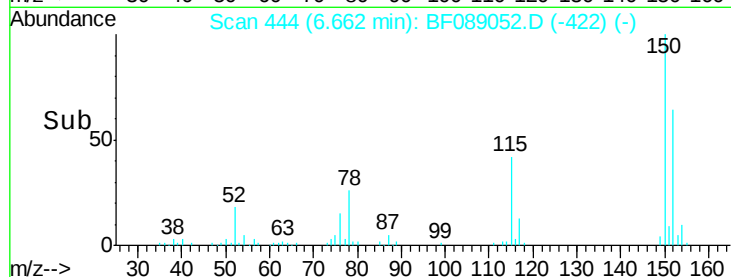
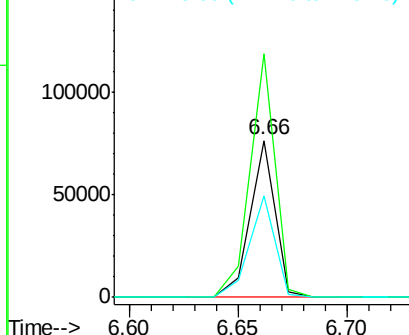
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089052.D
Acq: 16 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60665
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 64.4 39.6 59.4#



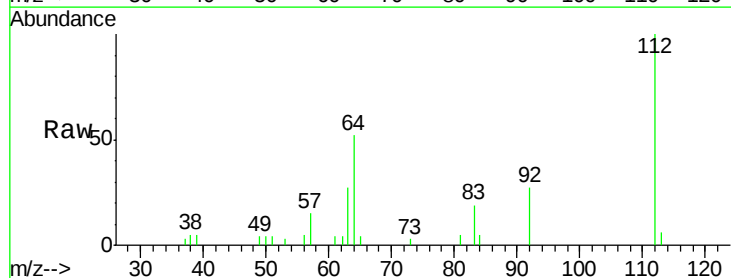
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



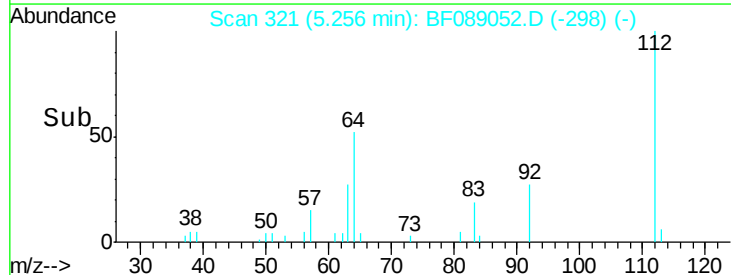
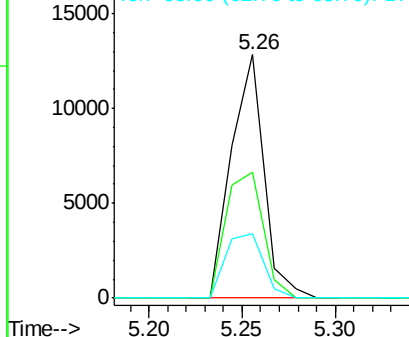
#5

2-Fluorophenol
Concen: 3.89 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.03 min
Lab File: BF089052.D
Acq: 16 Jul 2016 13:37

Tgt Ion:112 Resp: 15762
Ion Ratio Lower Upper
112 100
64 51.5 42.2 63.2
63 26.6 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: 4.33 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF089052.D

Acq: 16 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

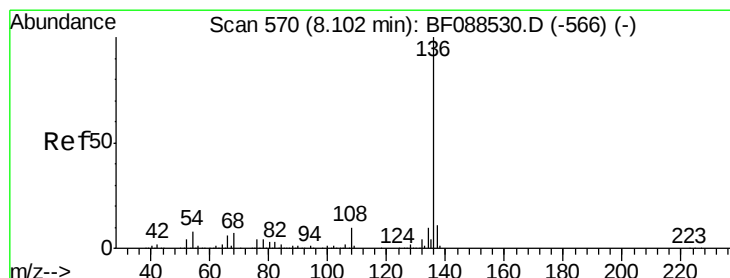
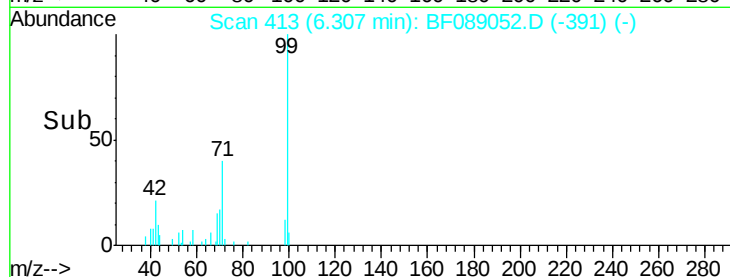
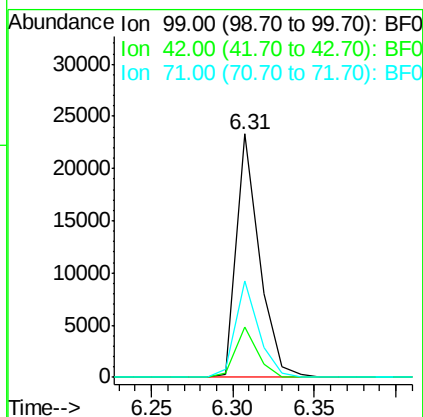
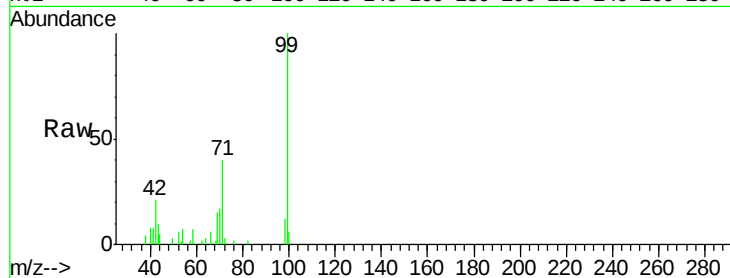
Tot Ion: 99 Resp: 22665

Ion Ratio Lower Upper

99 100

42 20.7 12.2 18.2#

71 39.5 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF089052.D

Acq: 16 Jul 2016 13:37

Tgt Ion: 136 Resp: 213513

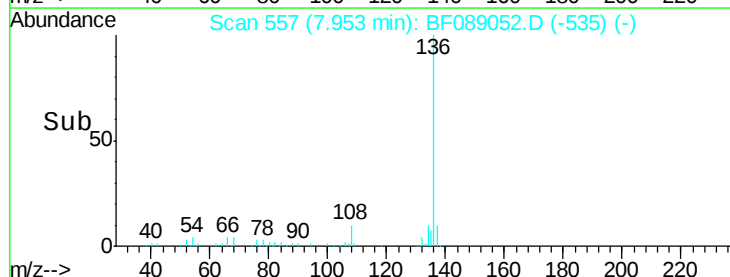
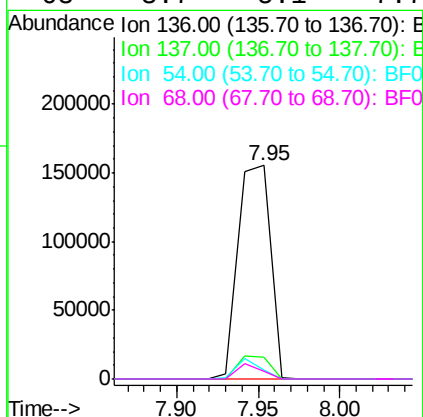
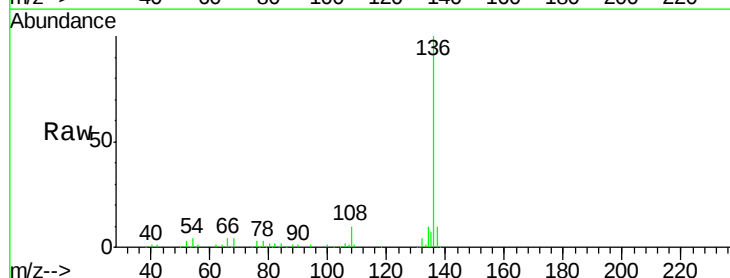
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 4.4 6.6 10.0#

68 3.7 5.1 7.7#

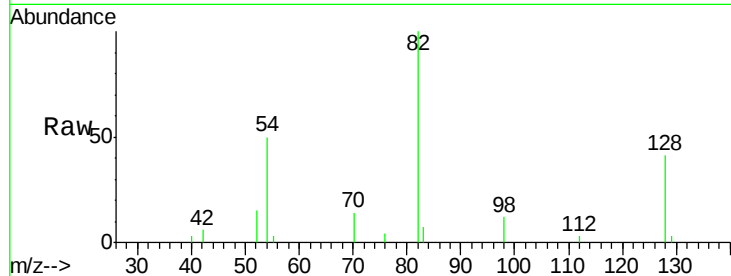




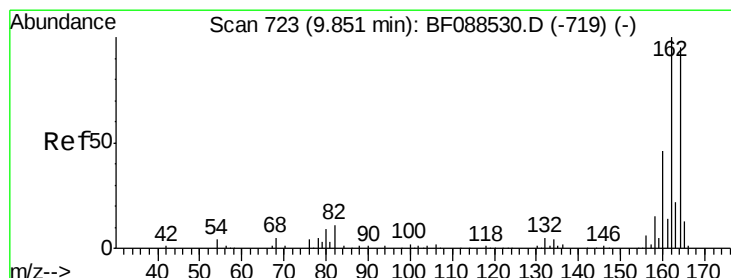
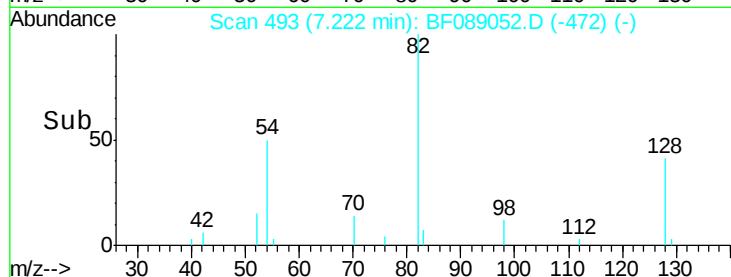
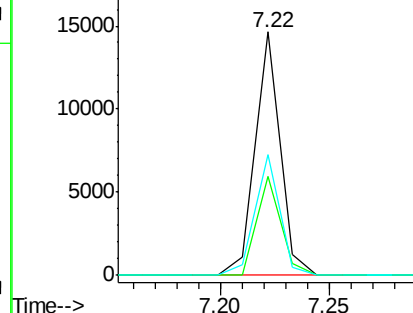
#23
 Nitrobenzene-d5
 Concen: 2.87 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.06 min
 Lab File: BF089052.D
 Acq: 16 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	11697
Ion Ratio	Lower	Upper	
82	100		
128	40.9	35.9	53.9
54	49.7	40.9	61.3

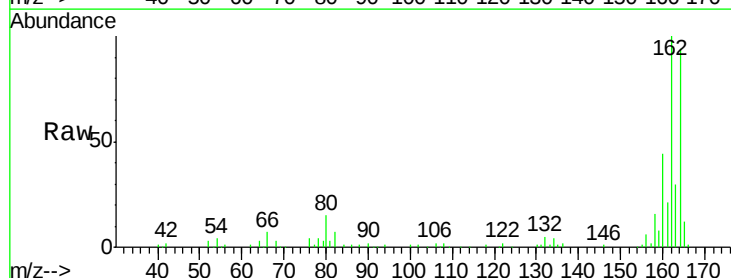


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

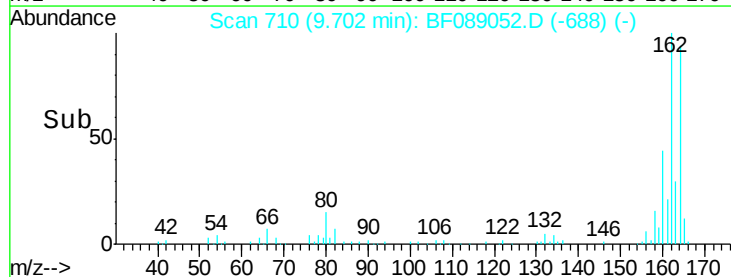
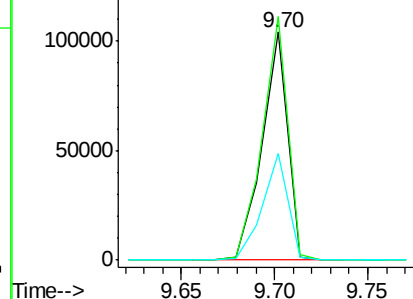


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.05 min
 Lab File: BF089052.D
 Acq: 16 Jul 2016 13:37

Tgt Ion	164	Resp	97344
Ion Ratio	Lower	Upper	
164	100		
162	106.8	85.4	128.2
160	46.6	39.5	59.3



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

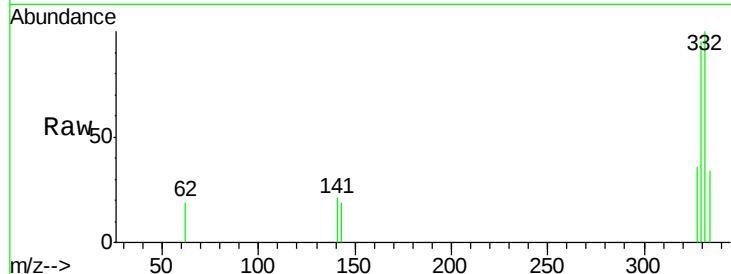




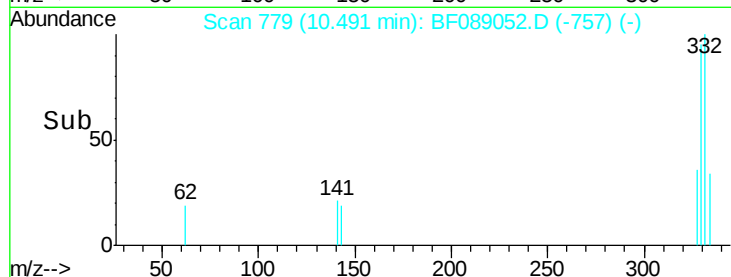
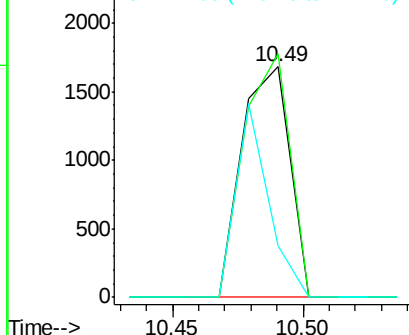
#41
 2,4,6-Tribromophenol
 Concen: 2.38 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089052.D
 Acq: 16 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.4	0.0	0.0#
141	57.0	0.0	0.0#

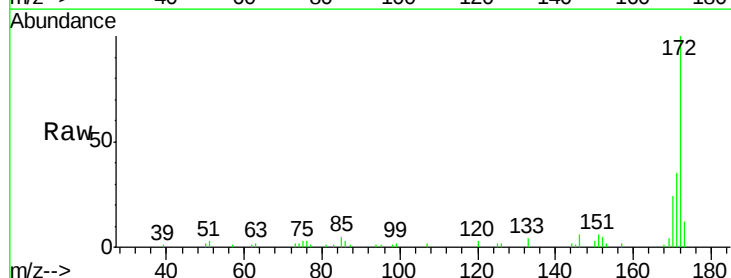


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

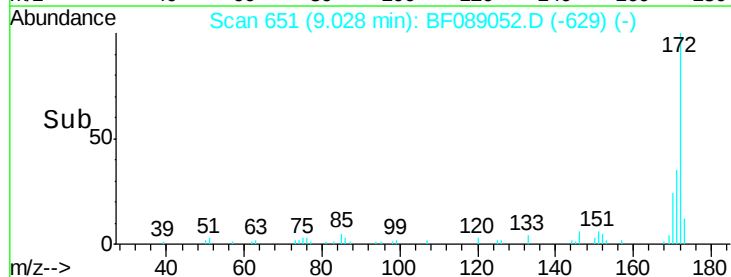
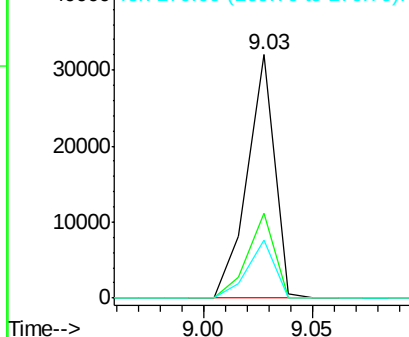


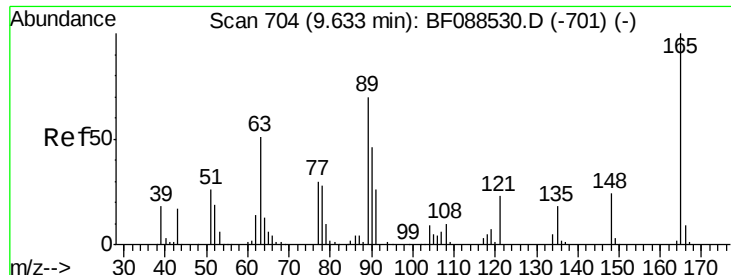
#44
 2-Fluorobiphenyl
 Concen: 4.54 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089052.D
 Acq: 16 Jul 2016 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	24.1	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

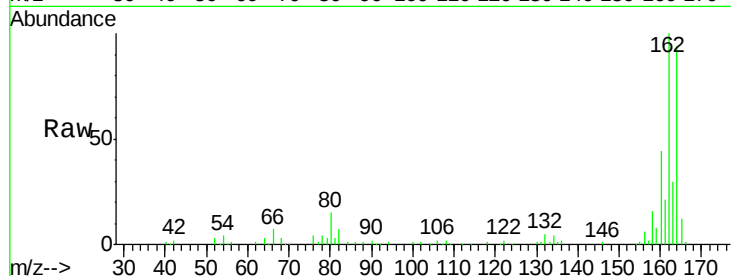




#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.16 min
Lab File: BF089052.D
Acq: 16 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :

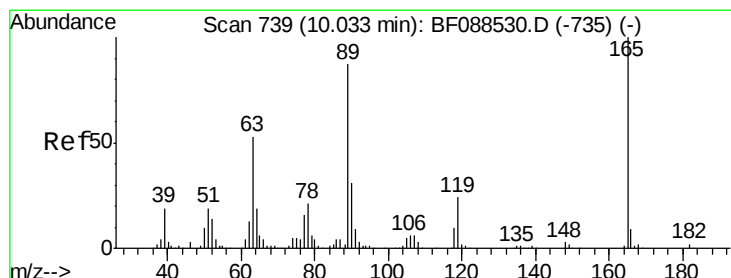
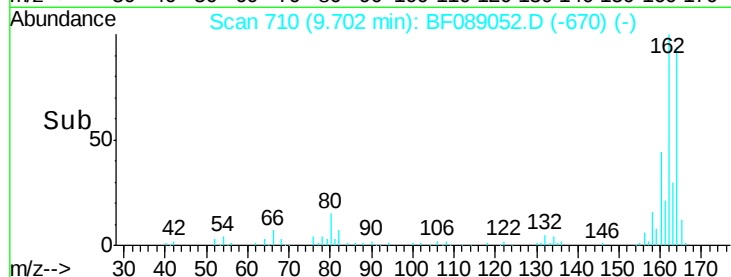
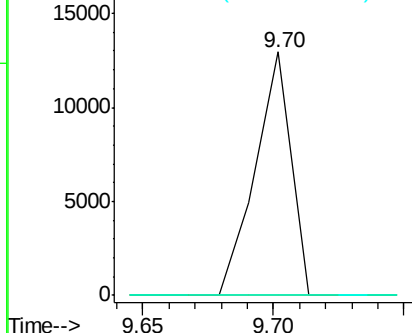
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.24 min
Lab File: BF089052.D
Acq: 16 Jul 2016 13:37

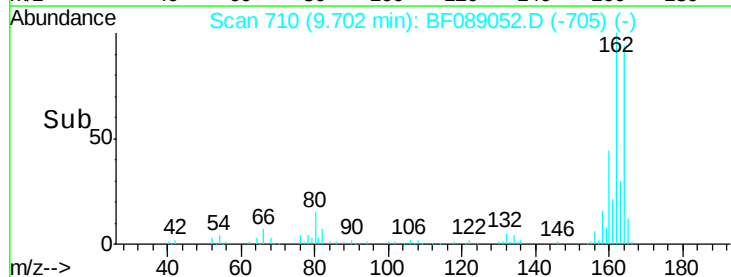
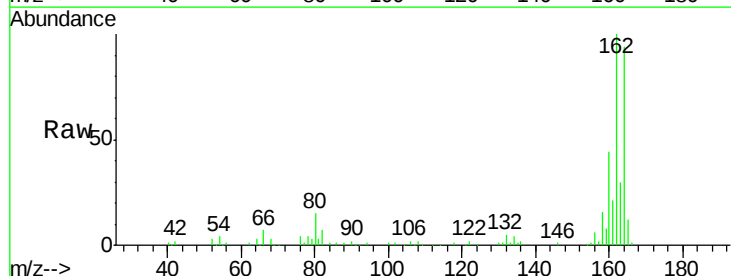
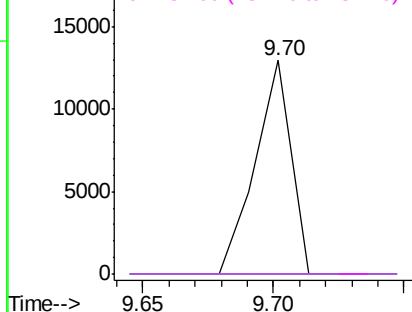
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

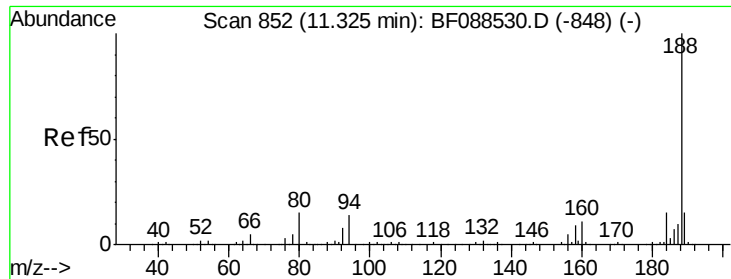
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

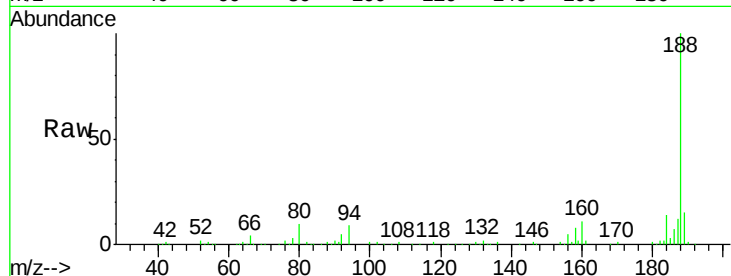




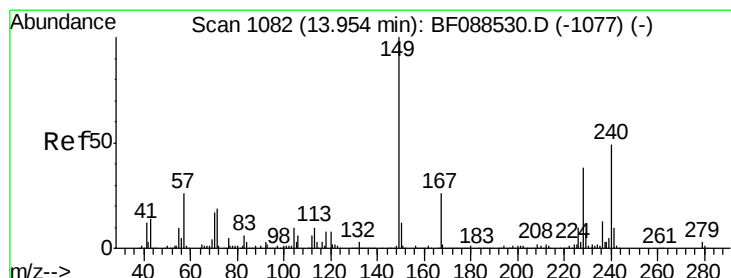
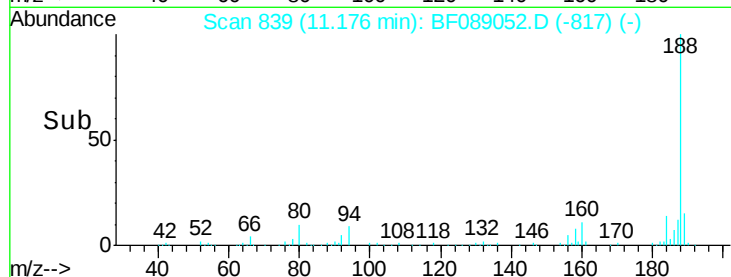
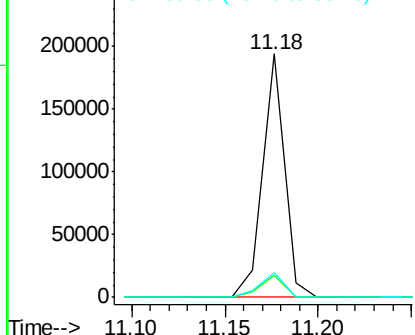
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089052.D
Acq: 16 Jul 2016 13:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 156649
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.6
80 10.3 10.0 15.0

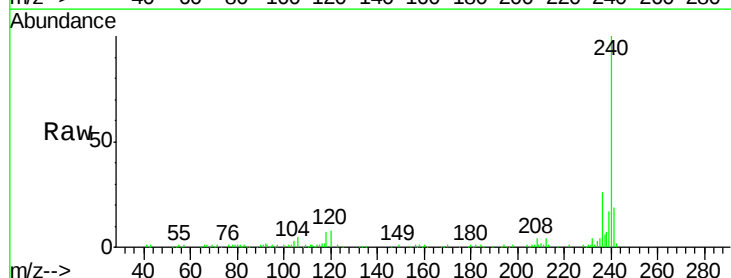


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

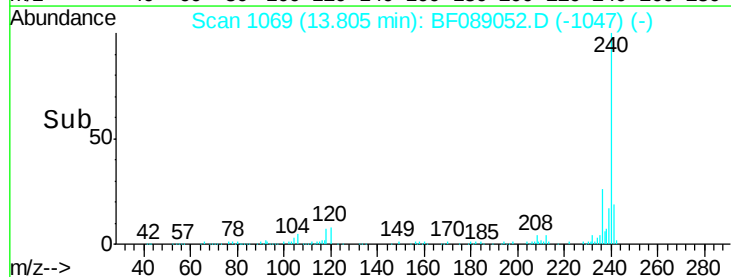
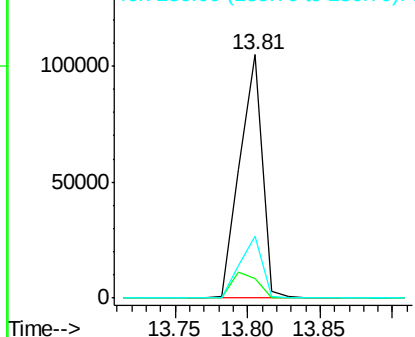


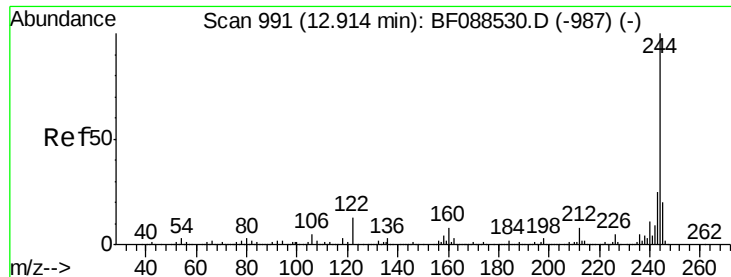
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF089052.D
Acq: 16 Jul 2016 13:37

Tgt Ion:240 Resp: 112797
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 25.5 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

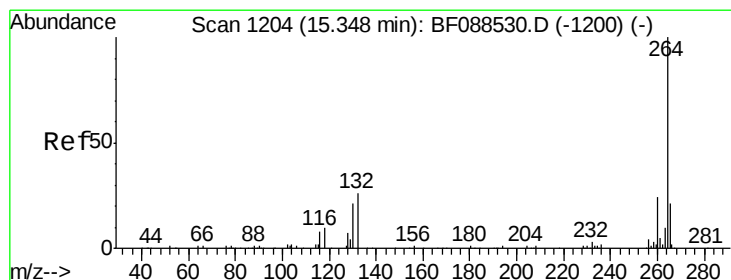
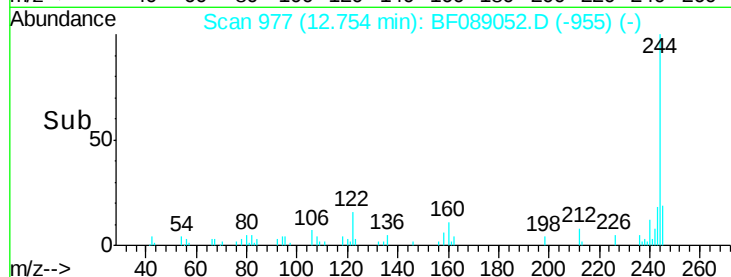
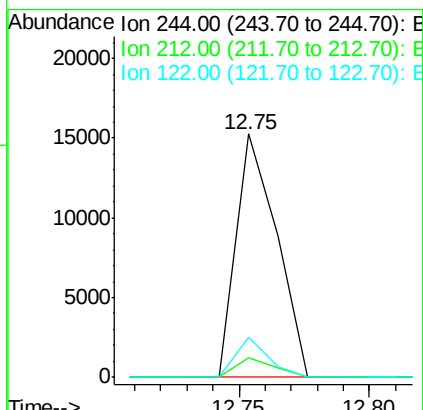
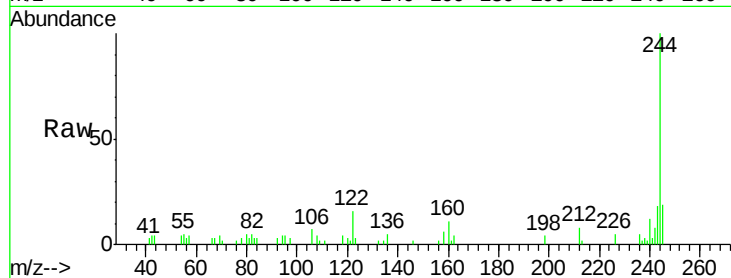




#78
 Terphenyl-d14
 Concen: 3.27 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.05 min
 Lab File: BF089052.D
 Acq: 16 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 16570
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 16.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.05 min
 Lab File: BF089052.D
 Acq: 16 Jul 2016 13:37

Tgt Ion:264 Resp: 91641
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 16.9 25.3

