

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087352.D
 Acq On : 24 May 2016 23:08
 Operator : UM/SJ
 Sample : H3218-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 25 01:13:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 00:58:25 2016
 Response via : Initial Calibration

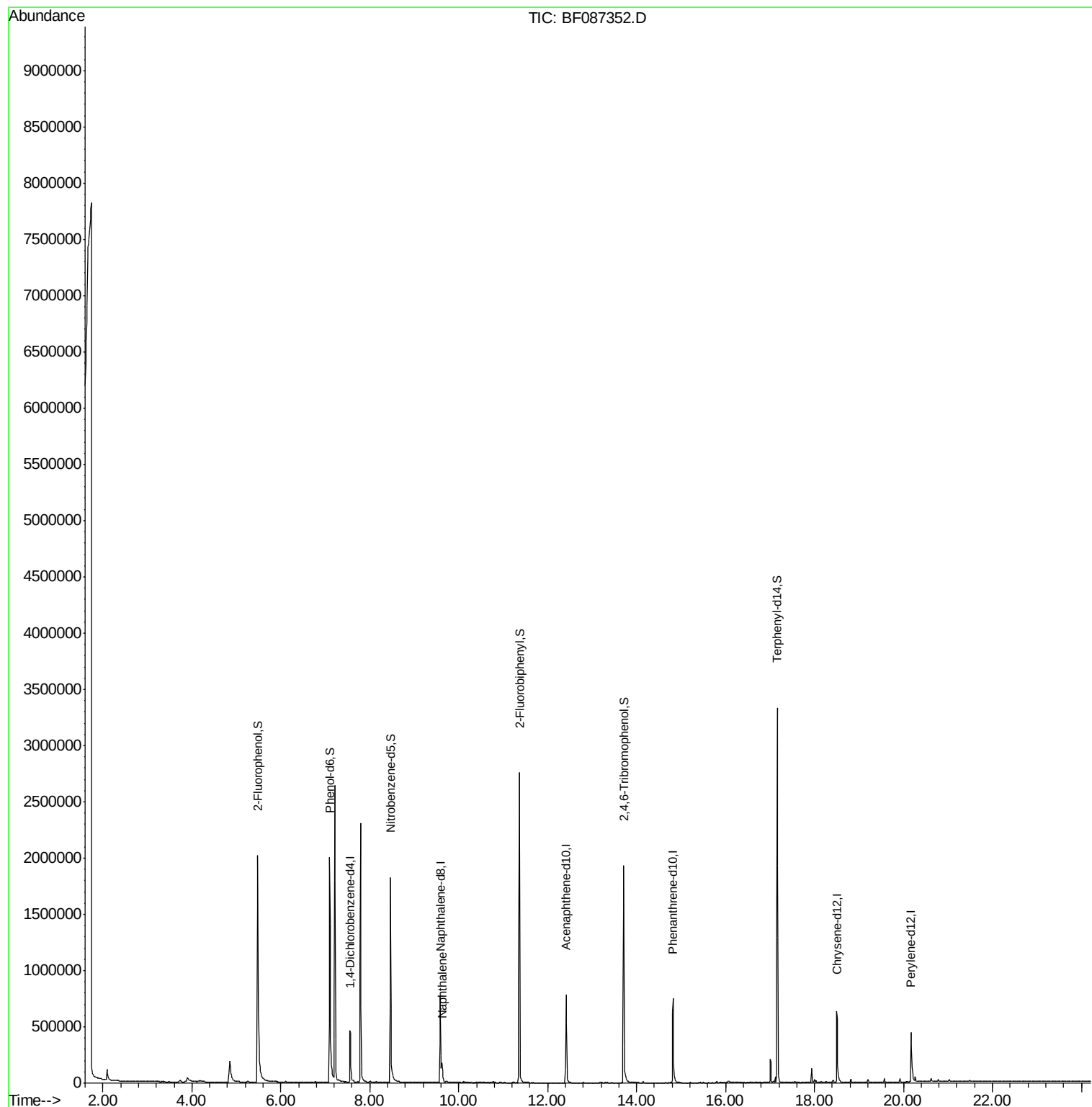
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	115471	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	465255	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	223004	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	457726	20.00	ng	0.00
75) Chrysene-d12	18.51	240	376922	20.00	ng	0.00
86) Perylene-d12	20.17	264	270365	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	875891	133.29	ng	0.02
7) Phenol-d6	7.10	99	1061937	119.59	ng	-0.01
23) Nitrobenzene-d5	8.47	82	807218	87.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	327502	152.82	ng	-0.01
44) 2-Fluorobiphenyl	11.37	172	1423324	89.98	ng	-0.01
78) Terphenyl-d14	17.17	244	1463431	82.54	ng	-0.01
Target Compounds						
31) Naphthalene	9.62	128	131243	5.63	ng	Qvalue 99

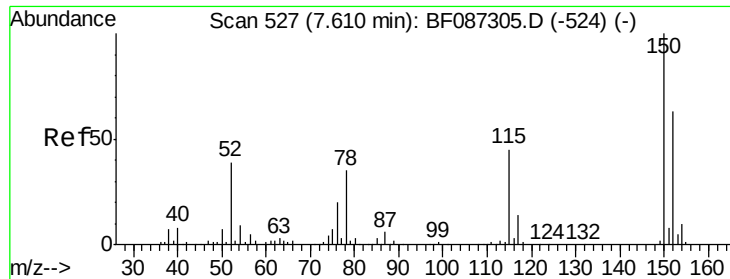
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

Instrument :

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ClientSampleId :

WC-1

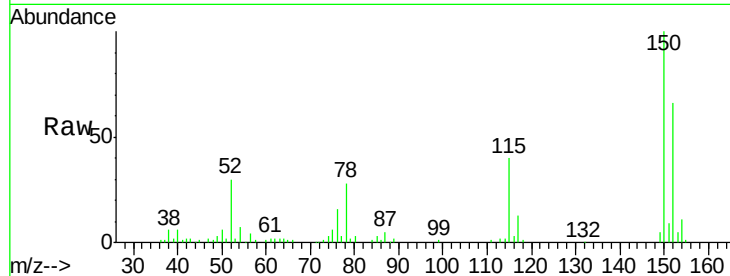
Tot Ion:152 Resp: 115471

Ion Ratio Lower Upper

152 100

150 152.4 125.8 188.6

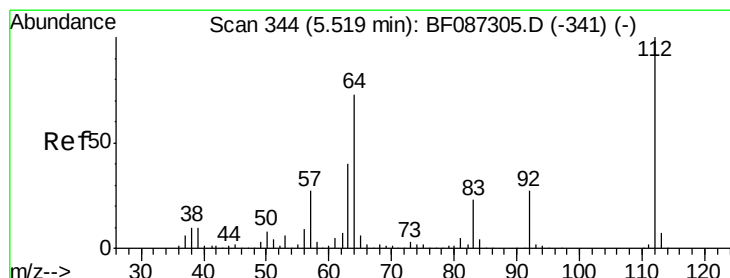
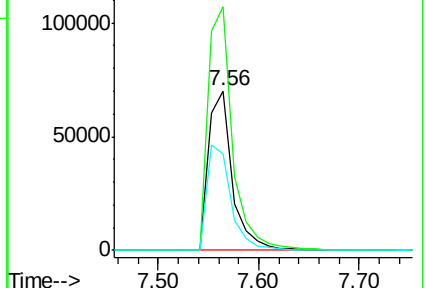
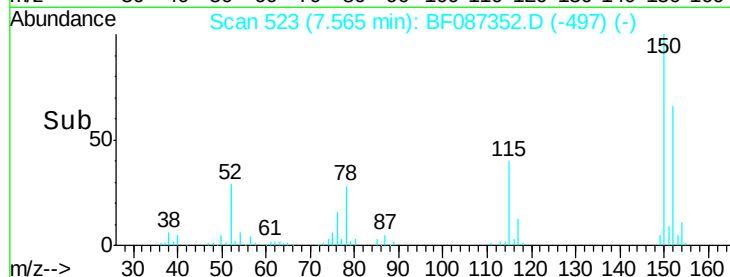
115 60.5 51.5 77.3



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: 133.29 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

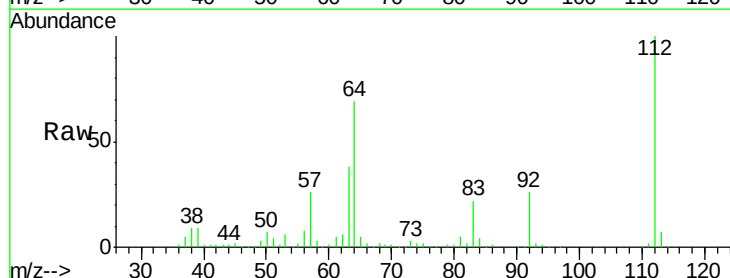
Tgt Ion:112 Resp: 875891

Ion Ratio Lower Upper

112 100

64 68.7 52.1 78.1

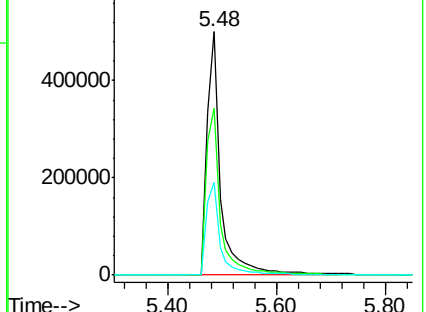
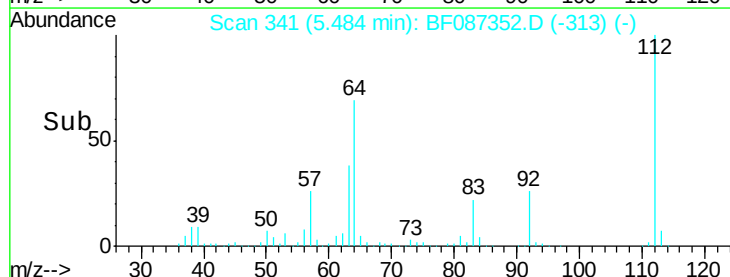
63 37.8 25.7 38.5

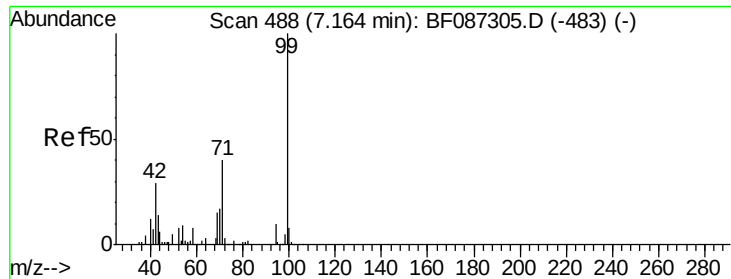


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.59 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

Instrument :

BNA_F

ClientSampleId :

WC-1

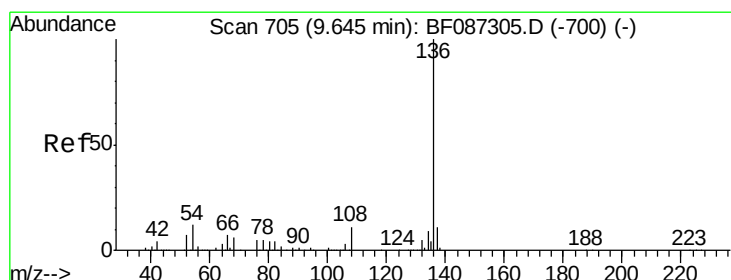
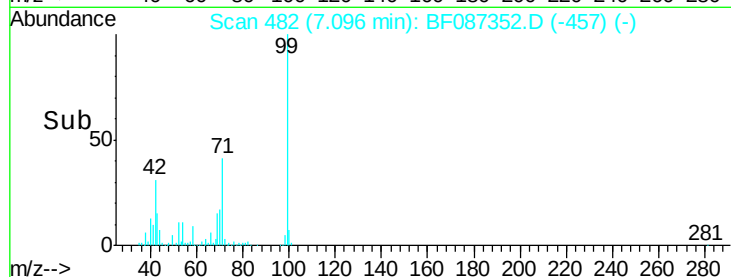
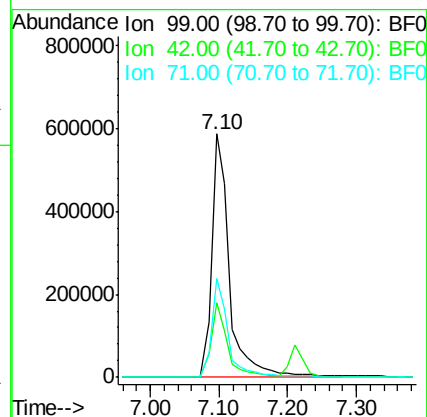
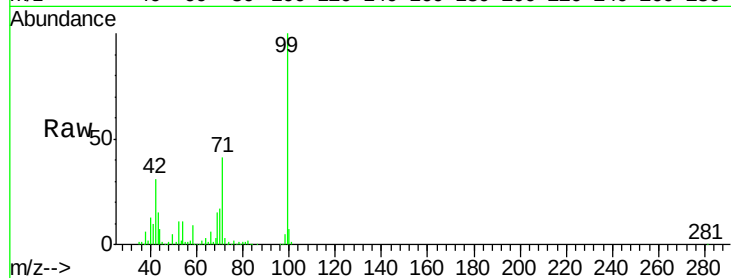
Tot Ion: 99 Resp: 1061937

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

71 40.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

Tgt Ion: 136 Resp: 465255

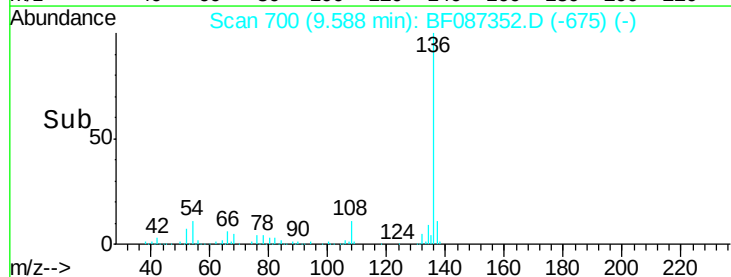
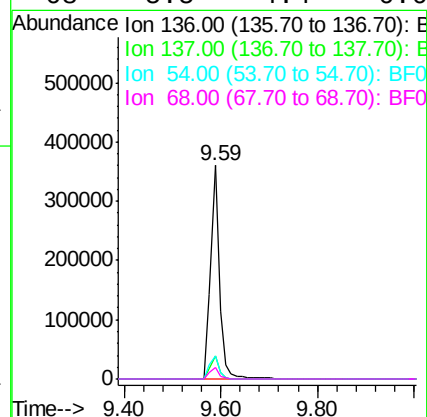
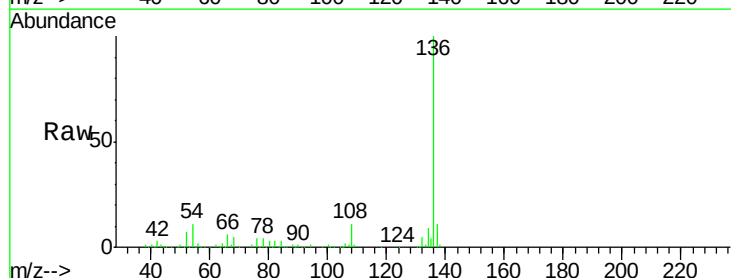
Ion Ratio Lower Upper

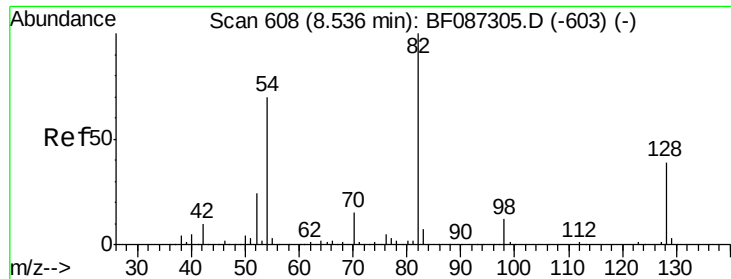
136 100

137 10.8 8.8 13.2

54 10.9 5.0 7.4#

68 5.5 4.4 6.6

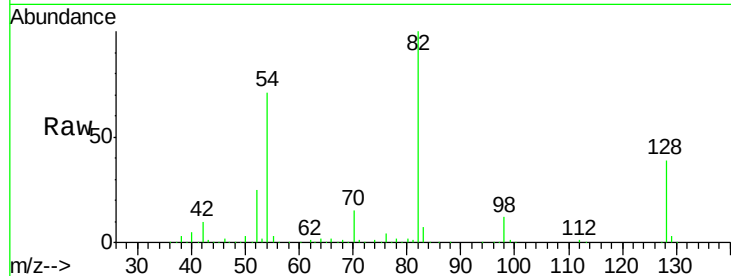




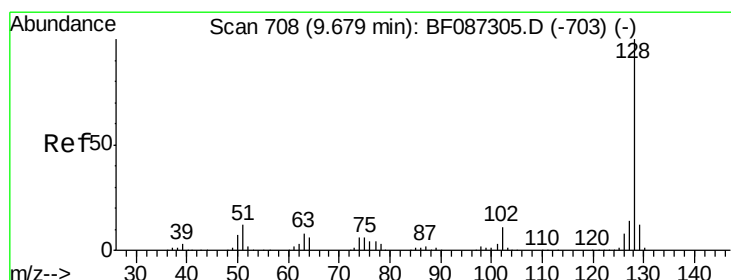
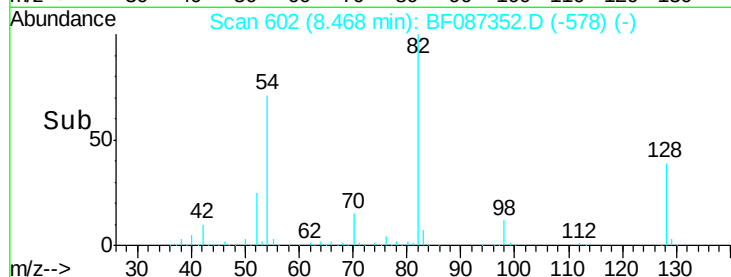
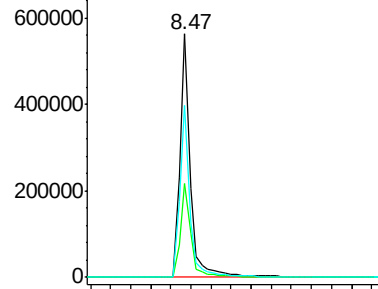
#23
Nitrobenzene-d5
Concen: 87.44 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF087352.D
Acq: 24 May 2016 23:08

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion: 82 Resp: 807218
Ion Ratio Lower Upper
82 100
128 38.6 40.6 61.0#
54 70.7 38.1 57.1#

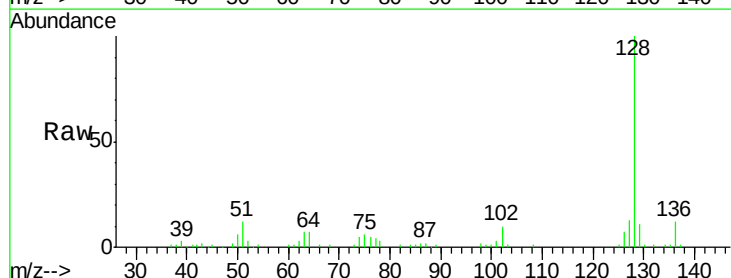


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

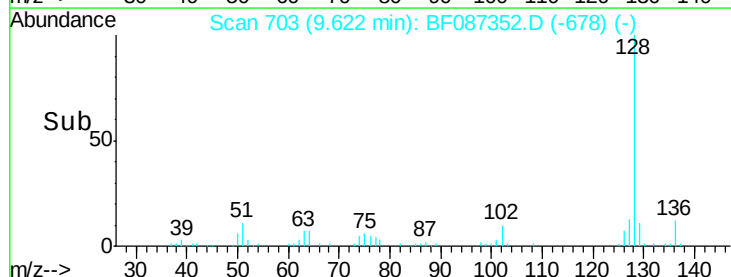
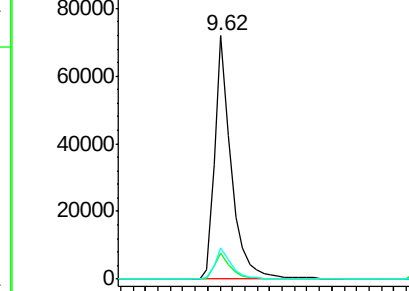


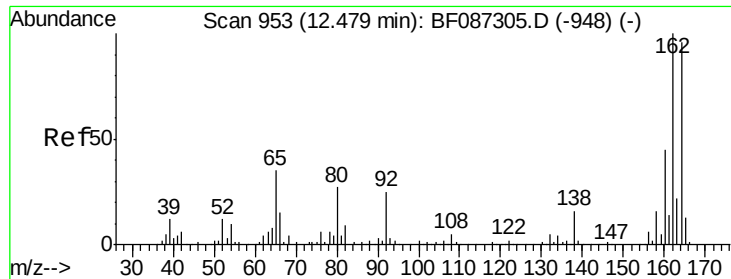
#31
Naphthalene
Concen: 5.63 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087352.D
Acq: 24 May 2016 23:08

Tgt Ion: 128 Resp: 131243
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.8 10.8 16.2



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

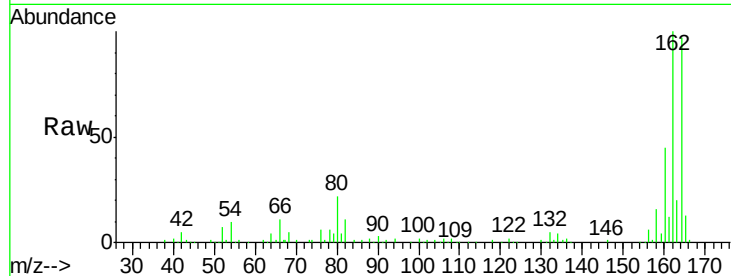




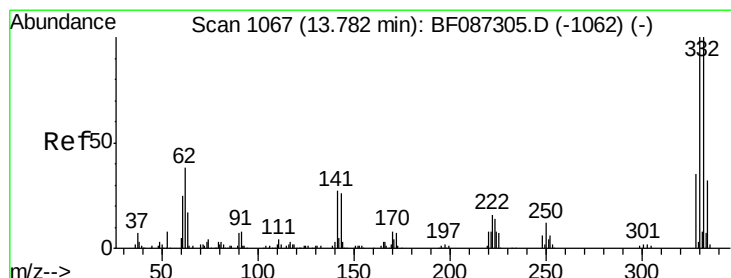
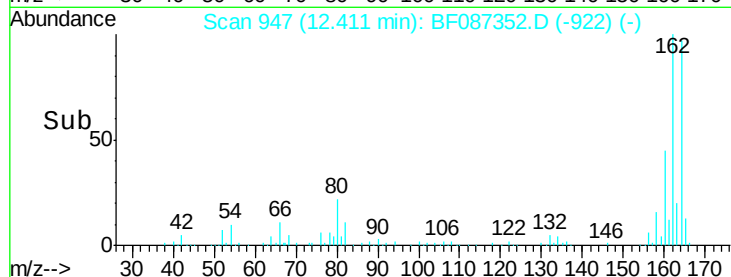
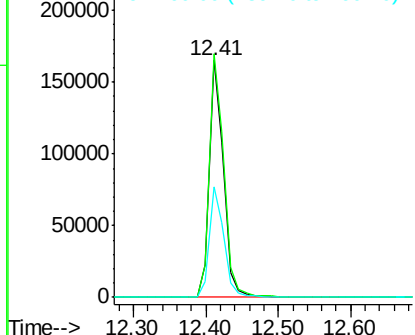
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087352.D
 Acq: 24 May 2016 23:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:164 Resp: 223004
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 46.6 36.9 55.3

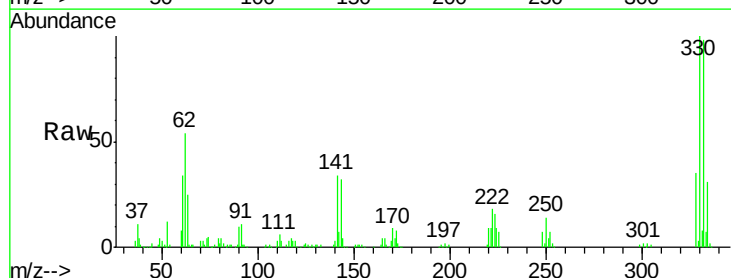


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

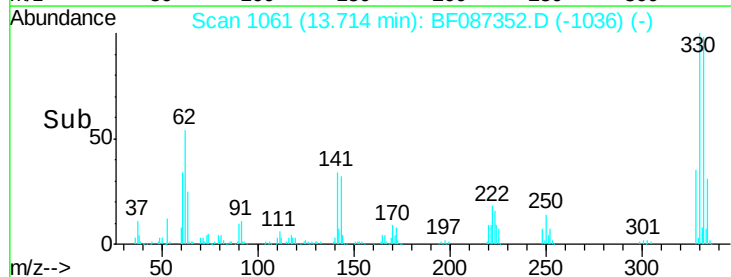
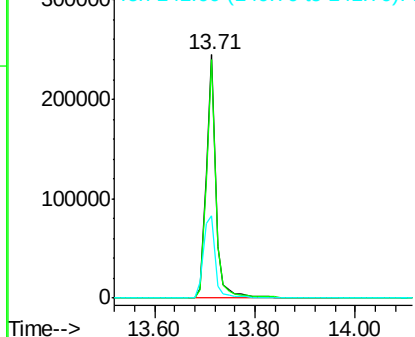


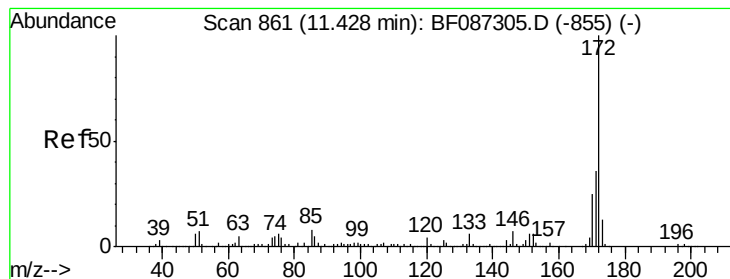
#41
 2,4,6-Tribromophenol
 Concen: 152.82 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087352.D
 Acq: 24 May 2016 23:08

Tgt Ion:330 Resp: 327502
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 42.8 31.2 46.8



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

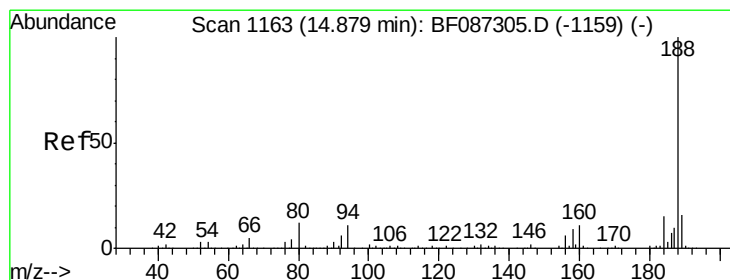
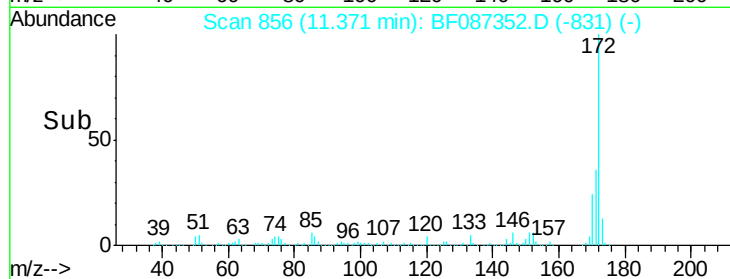
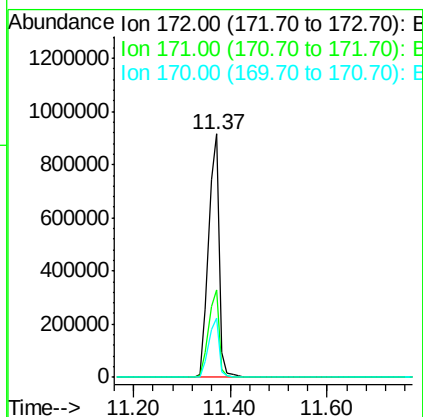
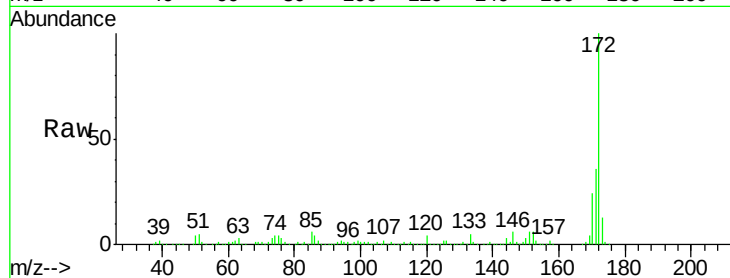




#44
2-Fluorobiphenyl
Concen: 89.98 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087352.D
Acq: 24 May 2016 23:08

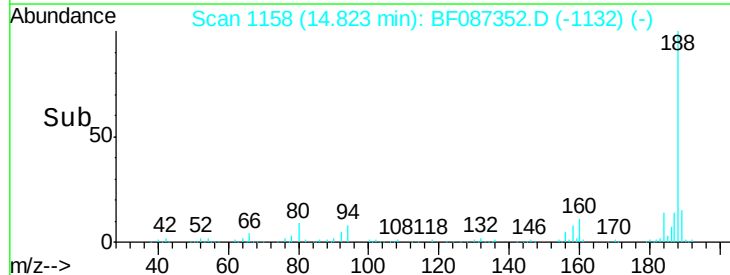
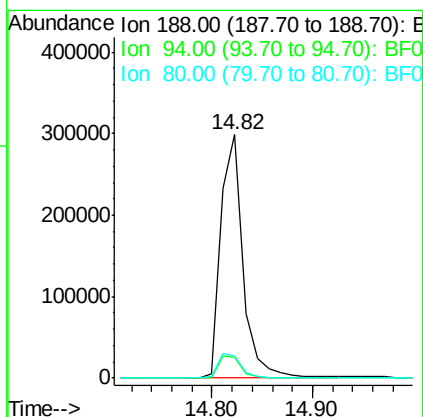
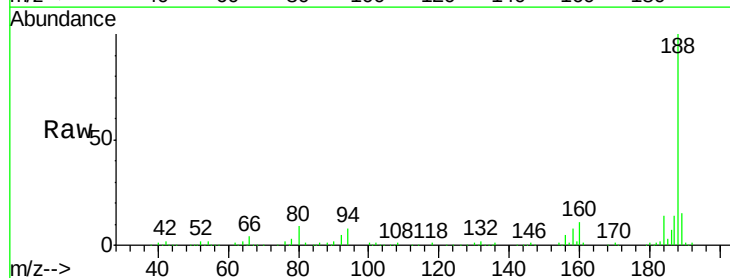
Instrument :
BNA_F
ClientSampleId :
WC-1

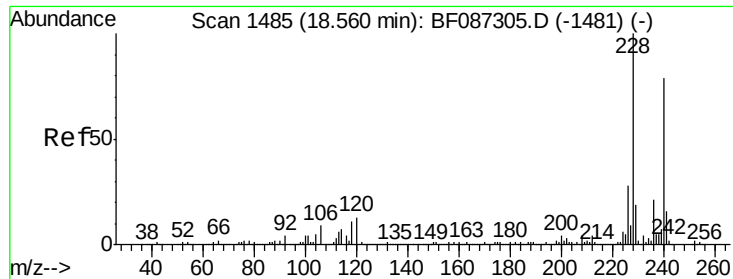
Tot Ion:172 Resp: 1423324
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.1 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087352.D
Acq: 24 May 2016 23:08

Tgt Ion:188 Resp: 457726
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.1 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

Instrument :

BNA_F

ClientSampleId :

WC-1

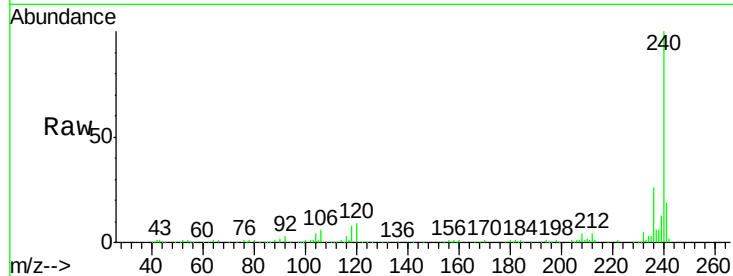
Tot Ion:240 Resp: 376922

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

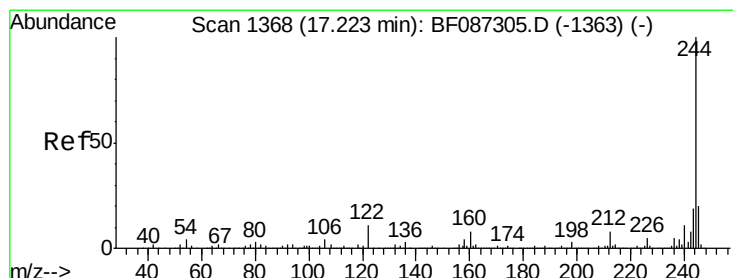
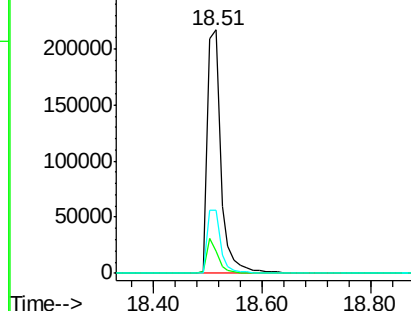
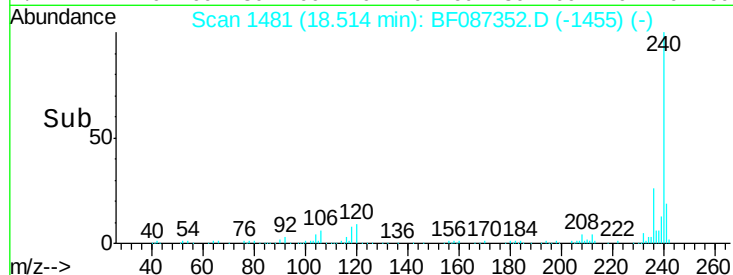
236 25.9 21.2 31.8



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: 82.54 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

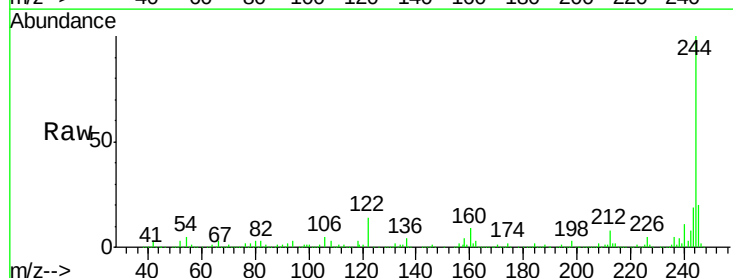
Tgt Ion:244 Resp: 1463431

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

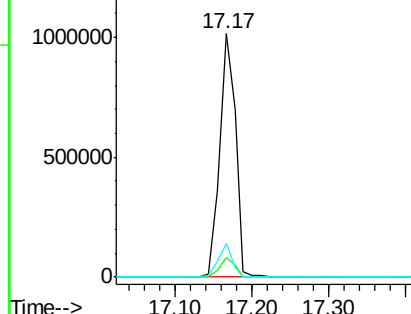
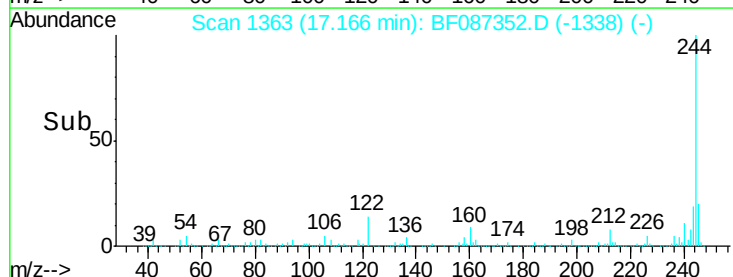
122 13.7 12.0 18.0

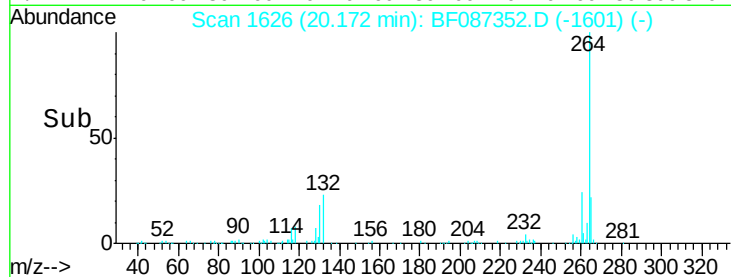
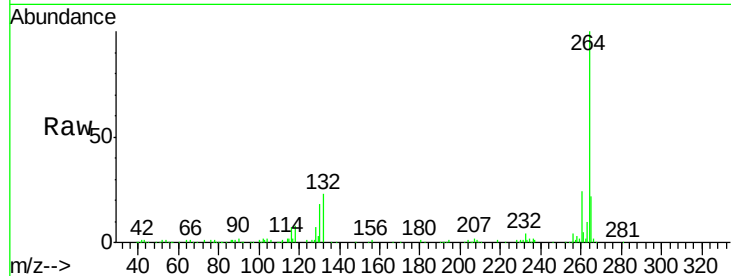
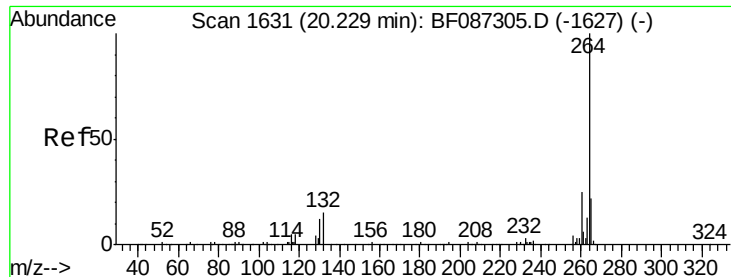


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF087352.D
Acq: 24 May 2016 23:08

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion:264	Resp:	270365
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.5 29.3
265	22.0	17.3 25.9

