

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087360.D
 Acq On : 25 May 2016 3:37
 Operator : UM/SJ
 Sample : H3211-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA-1315-(0-4)

Quant Time: May 25 06:43:38 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

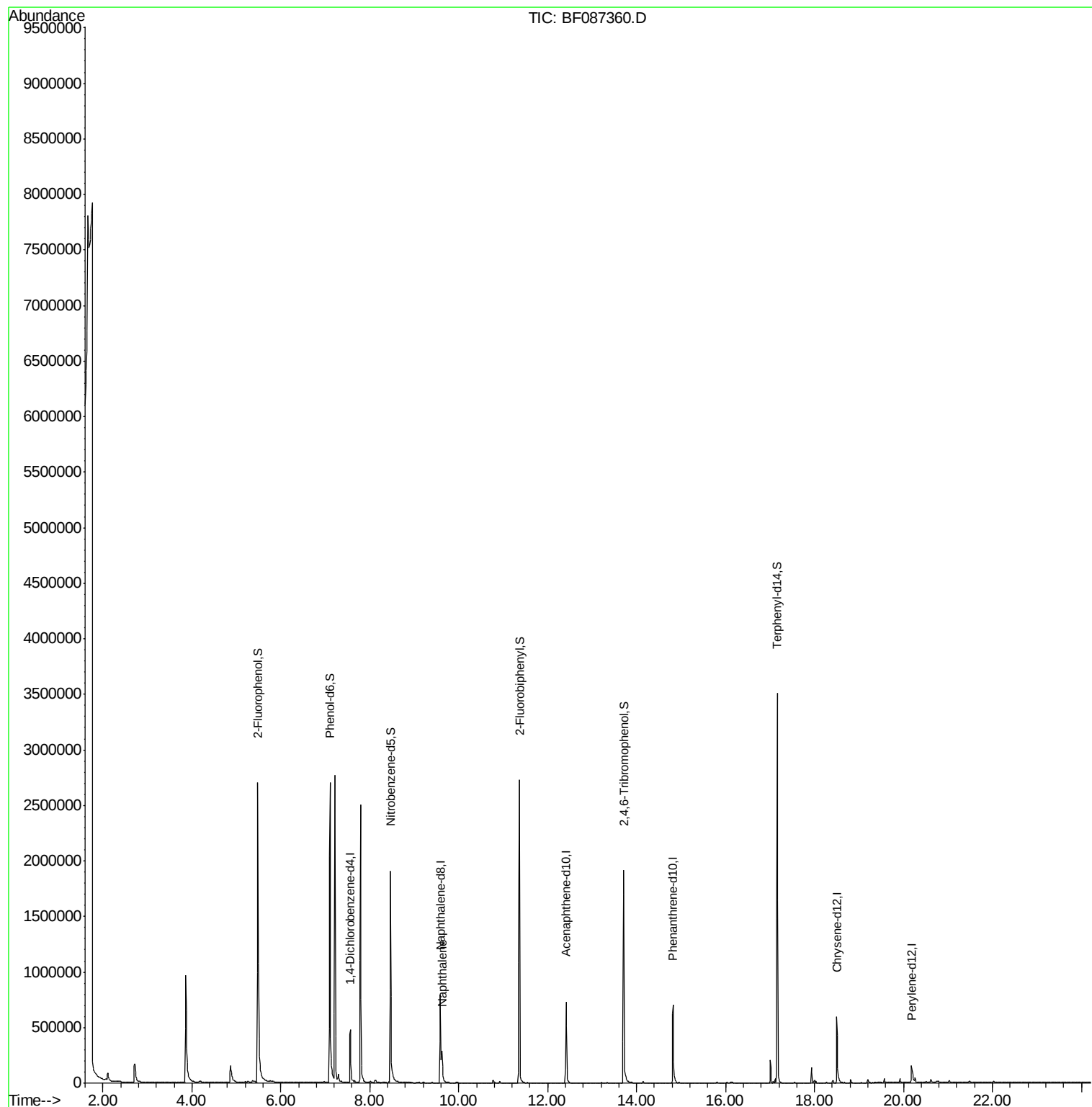
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	116913	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	469141	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	209686	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	449739	20.00	ng	0.00
75) Chrysene-d12	18.50	240	325676	20.00	ng	-0.01
86) Perylene-d12	20.18	264	68124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1003477	150.82	ng	0.02
7) Phenol-d6	7.11	99	1315845	146.36	ng	0.00
23) Nitrobenzene-d5	8.47	82	885514	95.13	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	346684	172.05	ng	-0.01
44) 2-Fluorobiphenyl	11.37	172	1521233	102.28	ng	-0.01
78) Terphenyl-d14	17.17	244	1481209	96.69	ng	-0.01
Target Compounds						
31) Naphthalene	9.62	128	224765	9.56	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: BF087360.D

Acq: 25 May 2016 3:37

Instrument :

BNA_F

ClientSampleId :

TA-1315-(0-4)

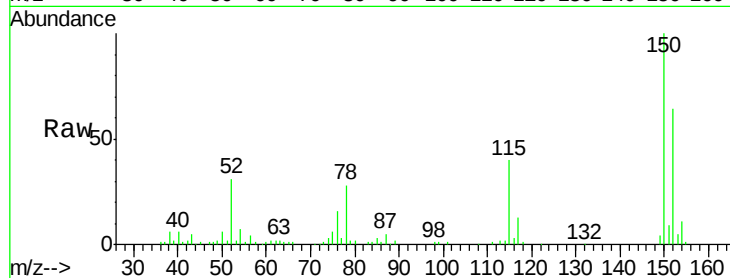
Tot Ion:152 Resp: 116913

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

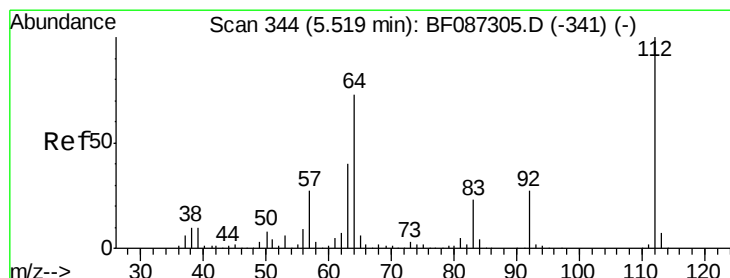
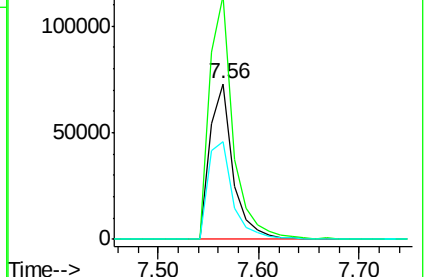
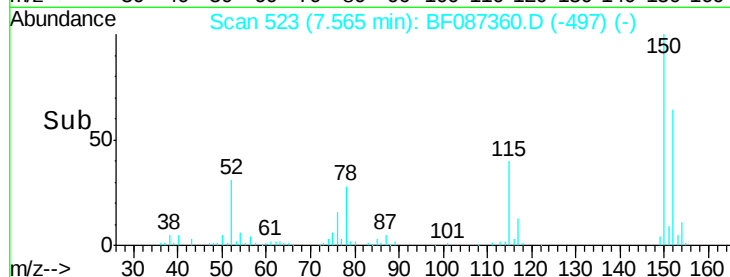
115 62.9 51.5 77.3



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: 150.82 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087360.D

Acq: 25 May 2016 3:37

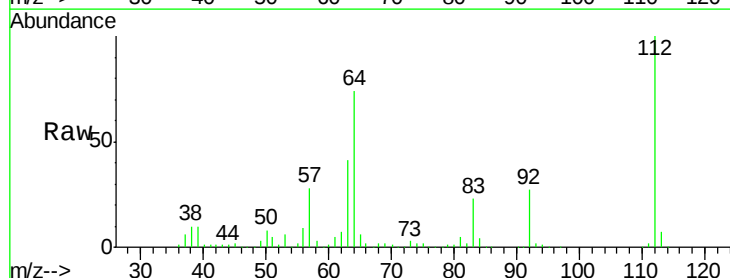
Tgt Ion:112 Resp: 1003477

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

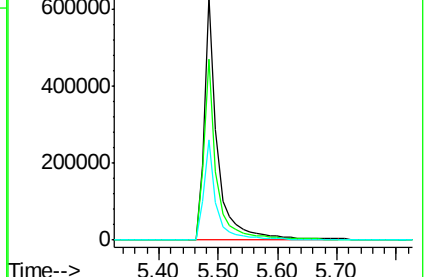
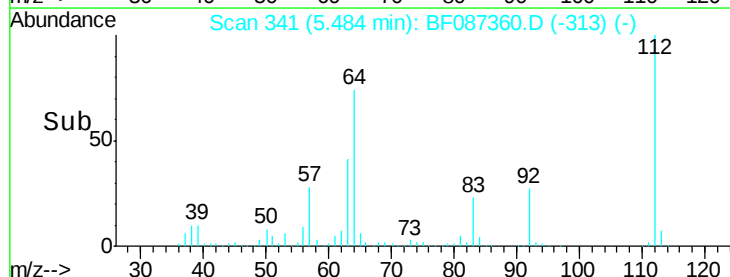
63 41.3 25.7 38.5



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: 146.36 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF087360.D

Acq: 25 May 2016 3:37

Instrument :

BNA_F

ClientSampleId :

TA-1315-(0-4)

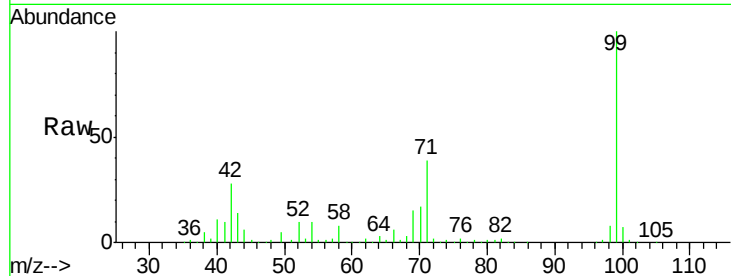
Tot Ion: 99 Resp: 1315845

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

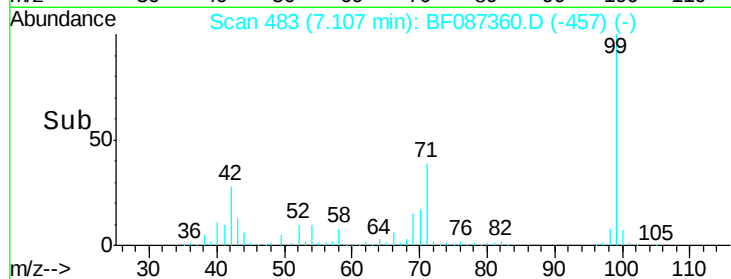
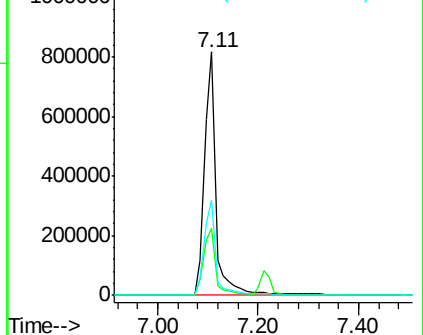
71 39.3 24.6 36.8#



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: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087360.D

Acq: 25 May 2016 3:37

Tgt Ion: 136 Resp: 469141

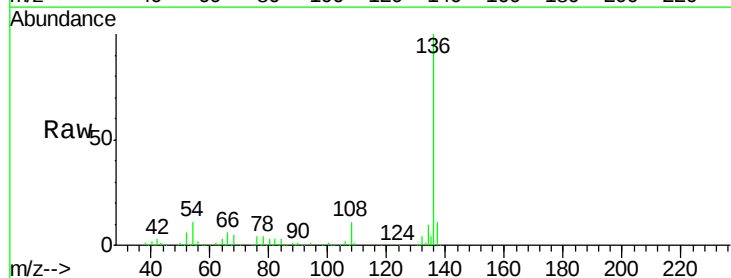
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 11.0 5.0 7.4#

68 5.2 4.4 6.6

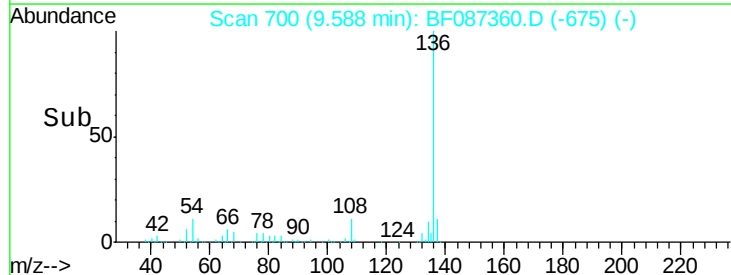
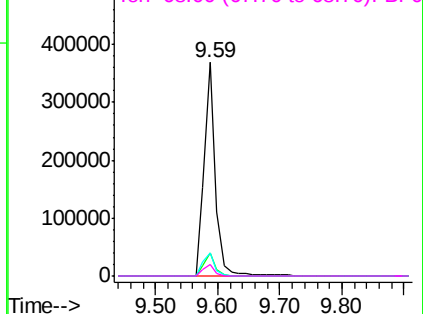


Abundance Ion 136.00 (135.70 to 136.70): E

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

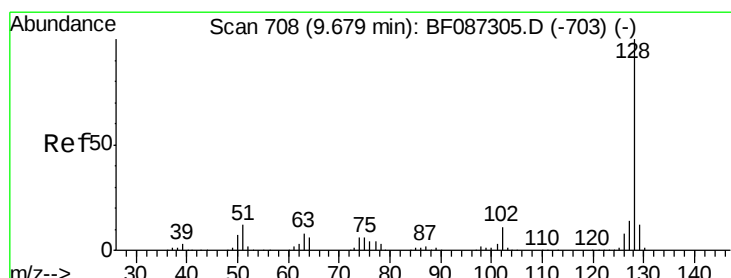
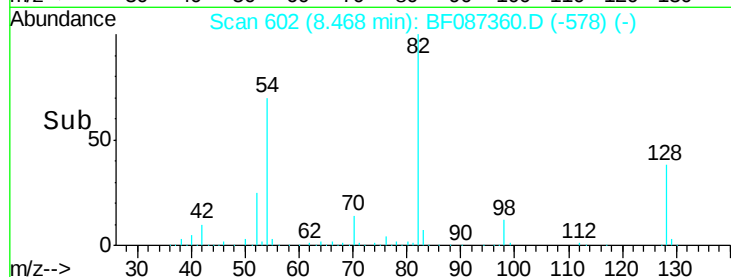
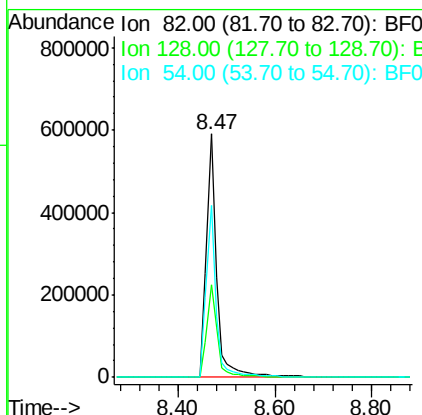
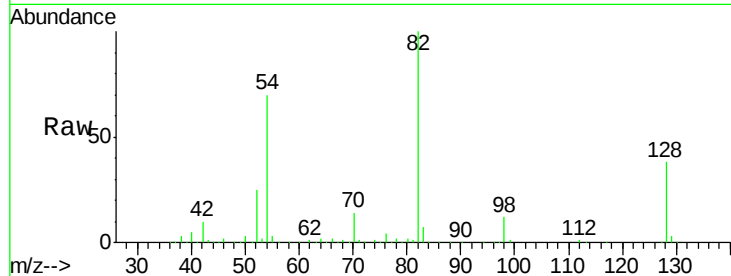




#23
Nitrobenzene-d5
Concen: 95.13 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF087360.D
Acq: 25 May 2016 3:37

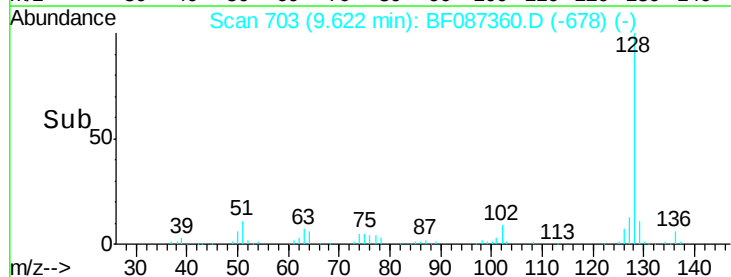
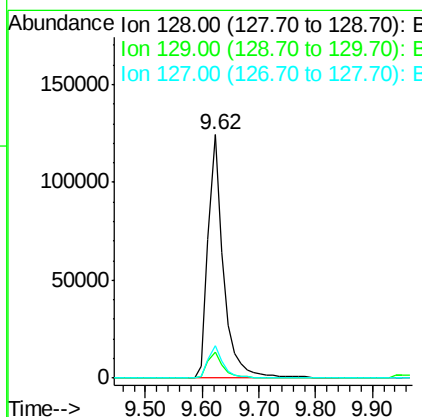
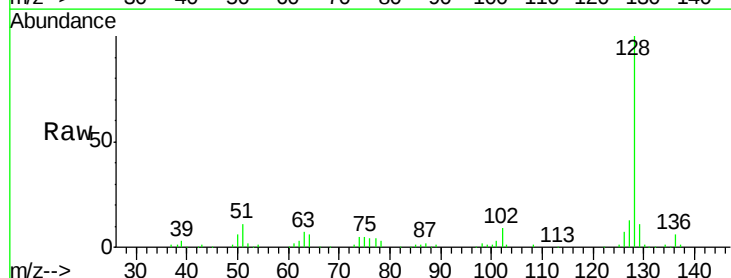
Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

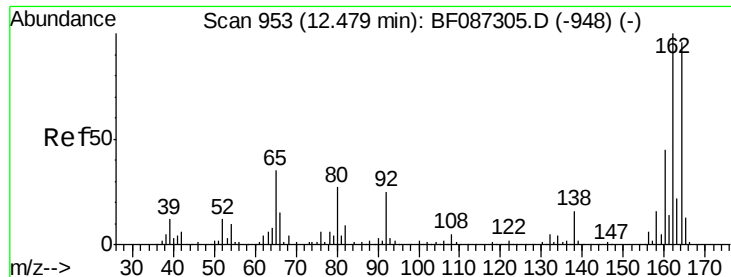
Tot Ion: 82 Resp: 885514
Ion Ratio Lower Upper
82 100
128 38.2 40.6 61.0#
54 70.4 38.1 57.1#



#31
Naphthalene
Concen: 9.56 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087360.D
Acq: 25 May 2016 3:37

Tgt Ion: 128 Resp: 224765
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF087360.D

Acq: 25 May 2016 3:37

Instrument :

BNA_F

ClientSampleId :

TA-1315-(0-4)

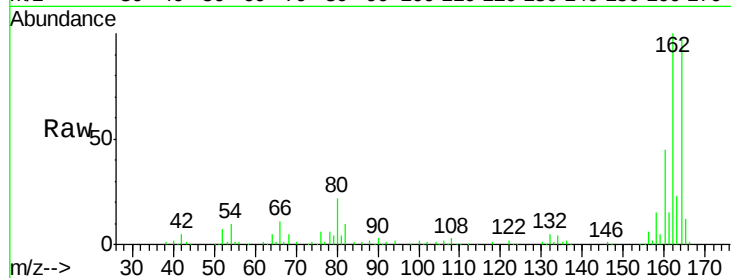
Tot Ion:164 Resp: 209686

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

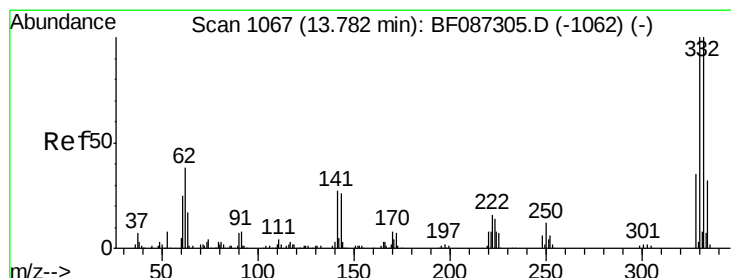
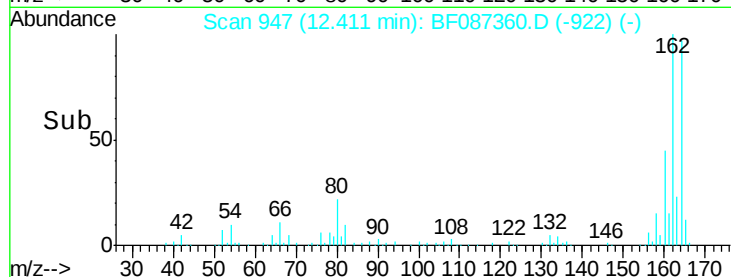
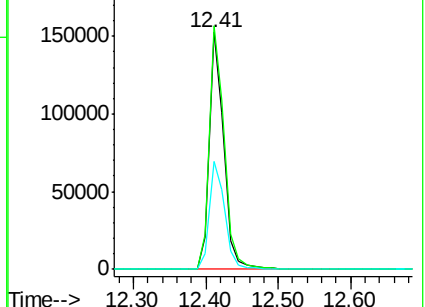
160 45.8 36.9 55.3



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: 172.05 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF087360.D

Acq: 25 May 2016 3:37

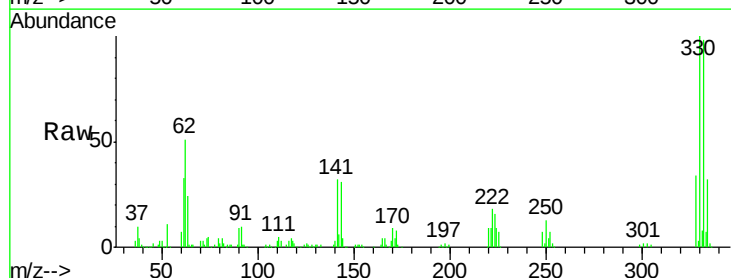
Tgt Ion:330 Resp: 346684

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

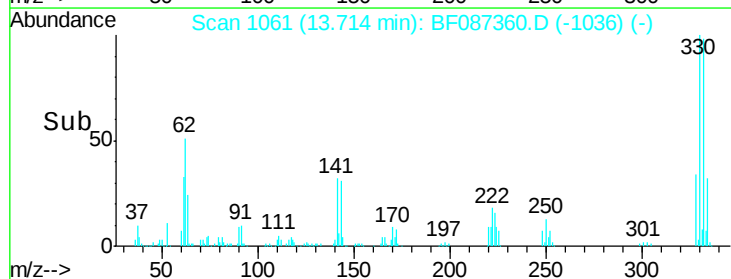
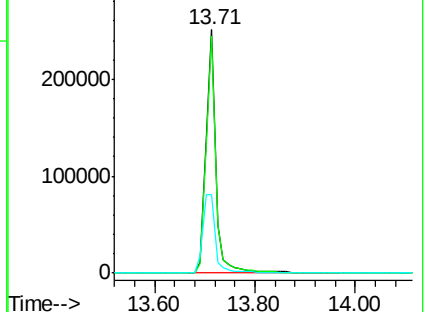
141 41.5 31.2 46.8

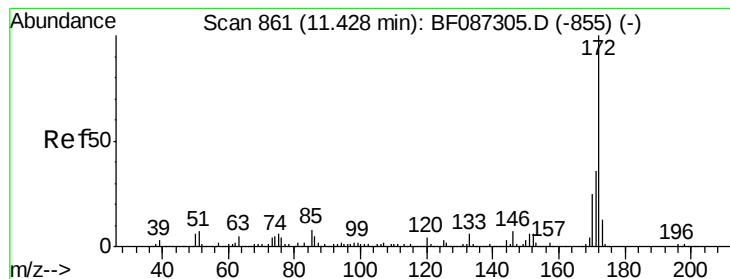


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

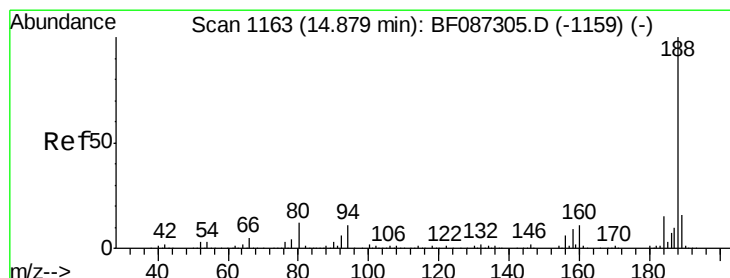
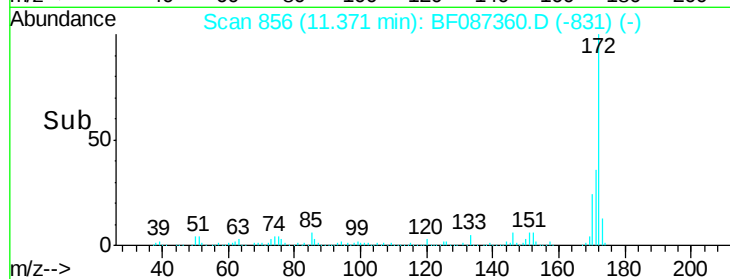
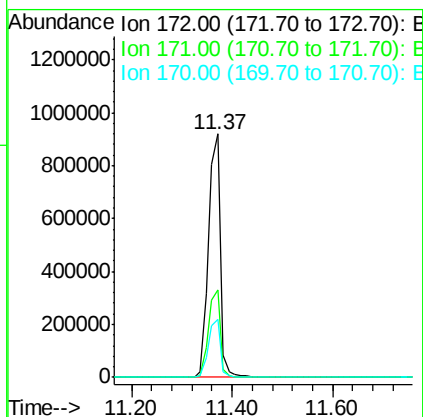
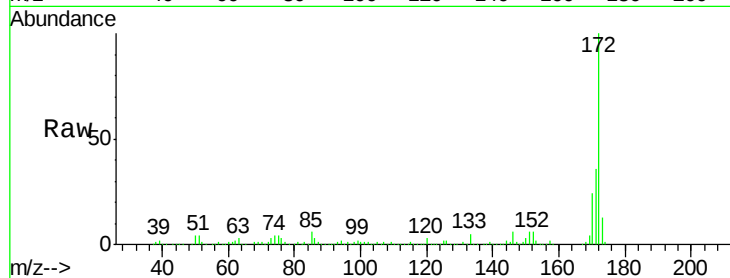




#44
 2-Fluorobiphenyl
 Concen: 102.28 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087360.D
 Acq: 25 May 2016 3:37

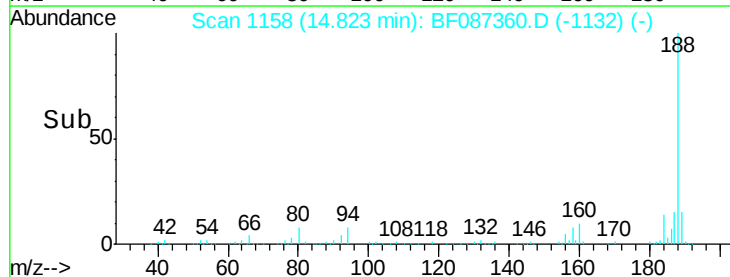
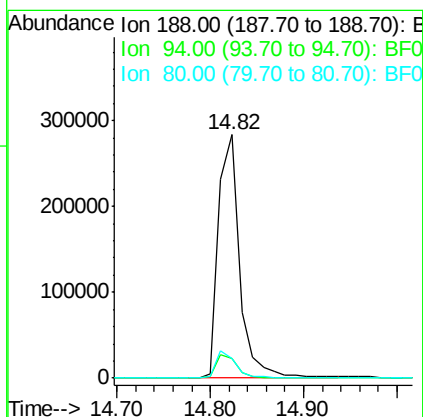
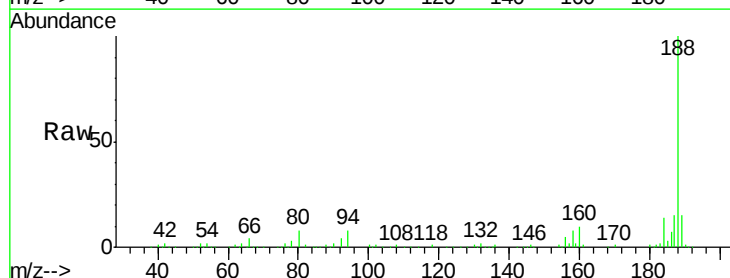
Instrument :
 BNA_F
 ClientSampleId :
 TA-1315-(0-4)

Tot Ion:172 Resp: 1521233
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: BF087360.D
 Acq: 25 May 2016 3:37

Tgt Ion:188 Resp: 449739
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.8 10.2
 80 8.3 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF087360.D

Acq: 25 May 2016 3:37

Instrument :

BNA_F

ClientSampleId :

TA-1315-(0-4)

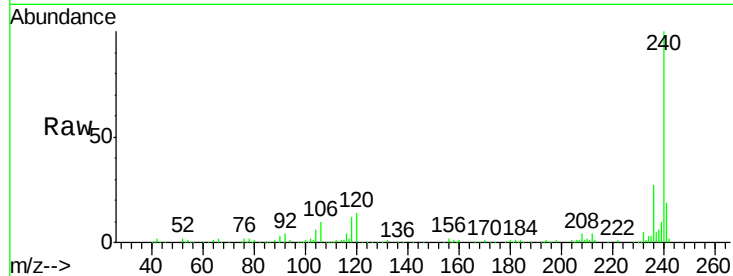
Tot Ion:240 Resp: 325676

Ion Ratio Lower Upper

240 100

120 14.3 11.2 16.8

236 26.7 21.2 31.8

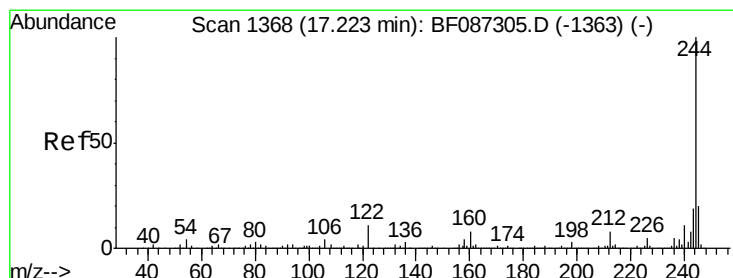
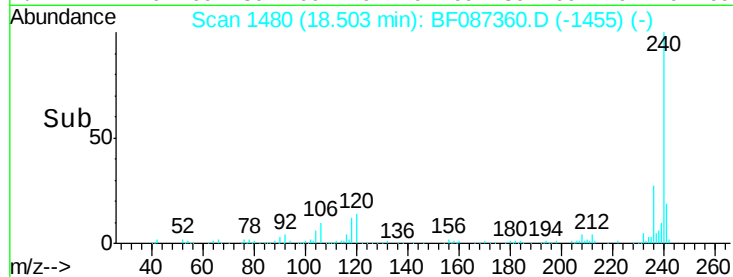
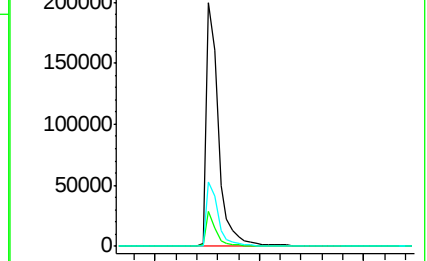


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

18.50



#78

Terphenyl-d14

Concen: 96.69 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087360.D

Acq: 25 May 2016 3:37

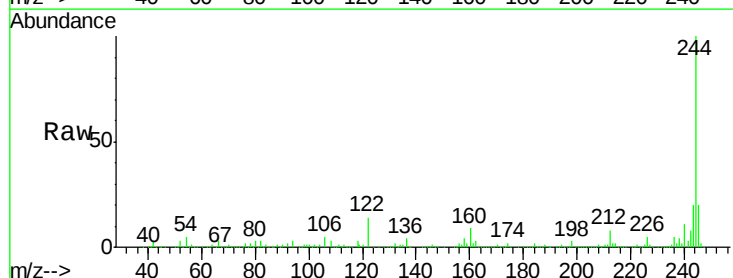
Tgt Ion:244 Resp: 1481209

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 13.6 12.0 18.0

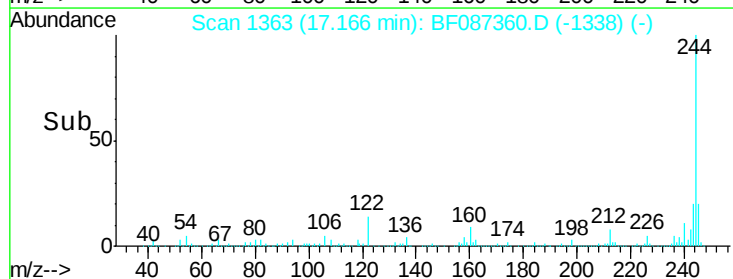
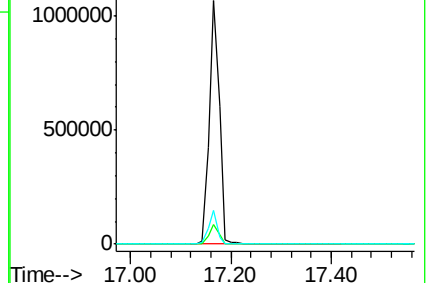


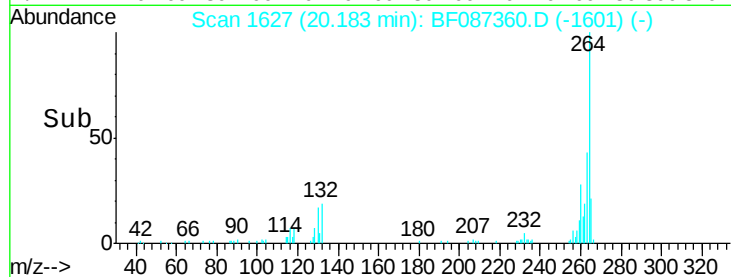
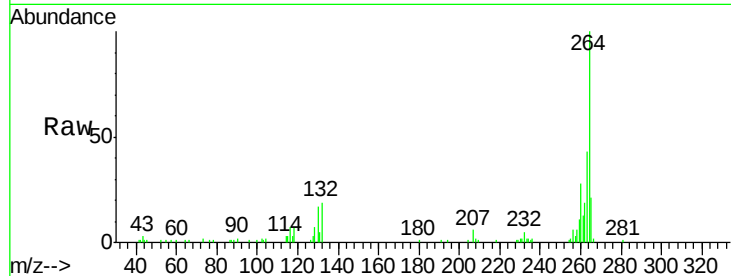
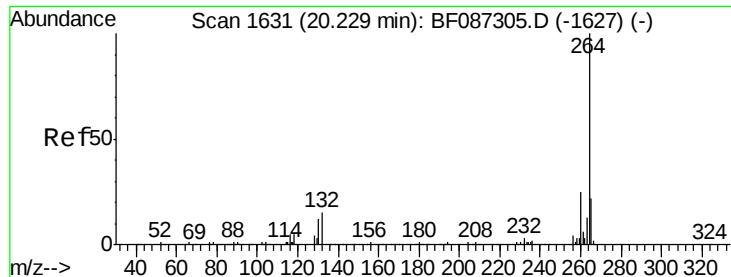
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

17.17





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BF087360.D
Acq: 25 May 2016 3:37

Instrument :
BNA_F
ClientSampleId :
TA-1315-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.0	19.5	29.3
265	21.0	17.3	25.9

