

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087534.D
 Acq On : 30 May 2016 3:58
 Operator : UM/SJ
 Sample : H3268-03
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1437(0-4)

Quant Time: May 30 07:23:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

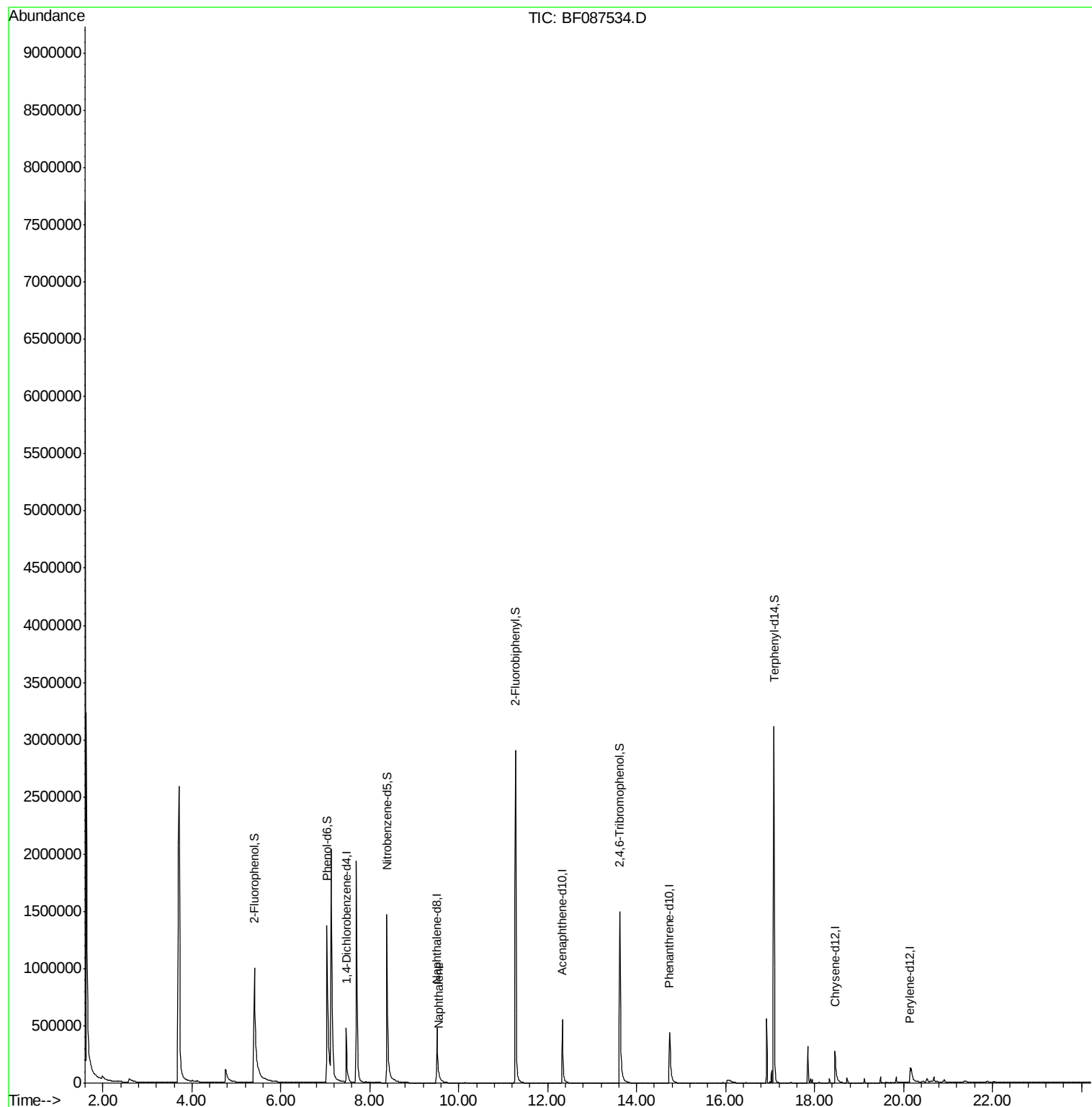
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	102776	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	405175	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	183670	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	349960	20.00	ng	0.00
75) Chrysene-d12	18.46	240	247958	20.00	ng	0.01
86) Perylene-d12	20.15	264	152003	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	715722	122.37	ng	0.03
7) Phenol-d6	7.04	99	925005	117.04	ng	0.00
23) Nitrobenzene-d5	8.39	82	728416	90.61	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	248338	140.70	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1256642	96.45	ng	-0.01
78) Terphenyl-d14	17.09	244	1127122	96.64	ng	-0.01
Target Compounds						
31) Naphthalene	9.55	128	52107	2.57	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

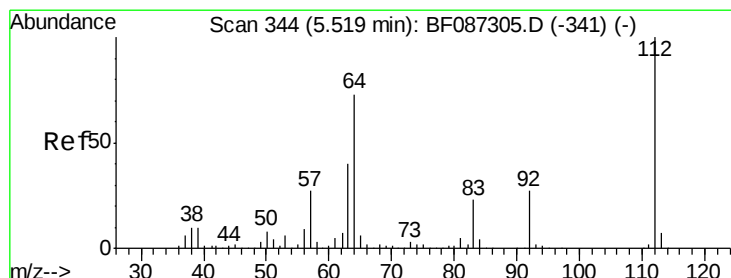
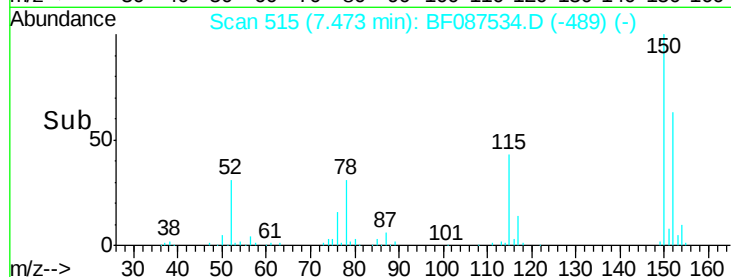
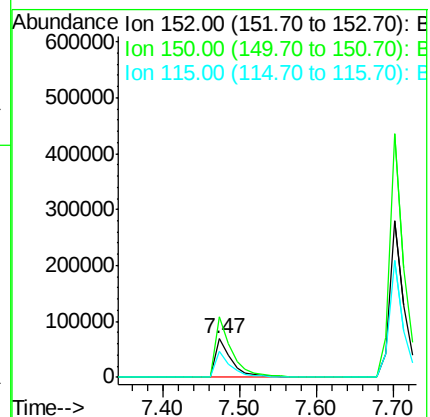
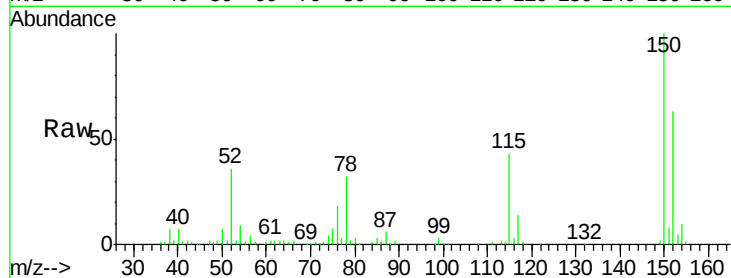
Tot Ion:152 Resp: 102776

Ion Ratio Lower Upper

152 100

150 158.9 125.8 188.6

115 68.2 51.5 77.3



#5

2-Fluorophenol

Concen: 122.37 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.03 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

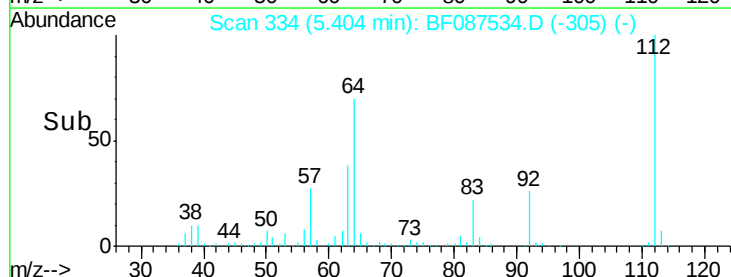
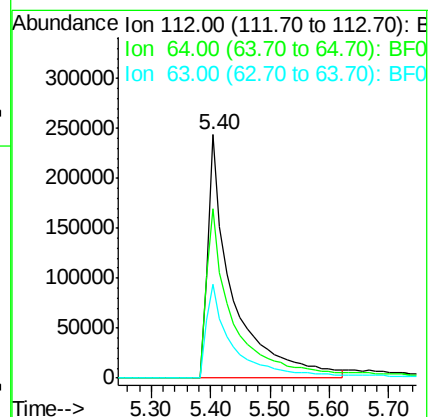
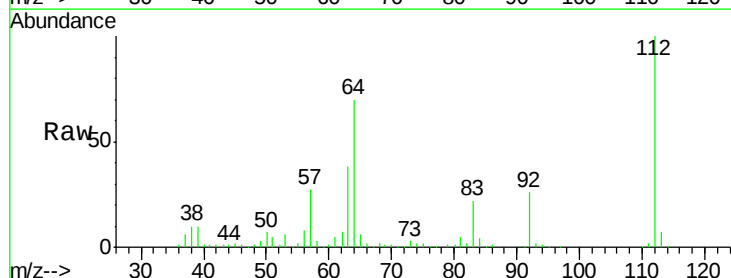
Tgt Ion:112 Resp: 715722

Ion Ratio Lower Upper

112 100

64 69.5 52.1 78.1

63 38.5 25.7 38.5





#7

Phenol-d6

Concen: 117.04 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

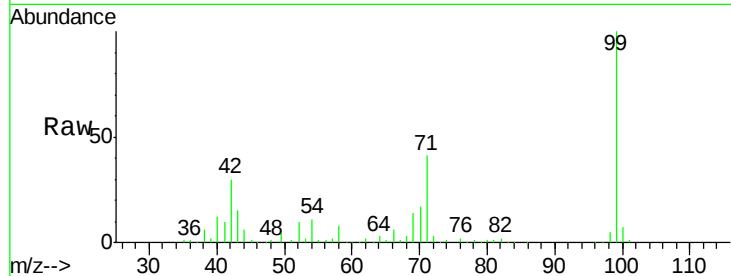
Tot Ion: 99 Resp: 925005

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

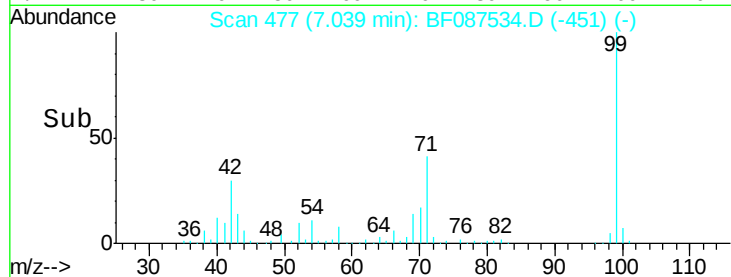
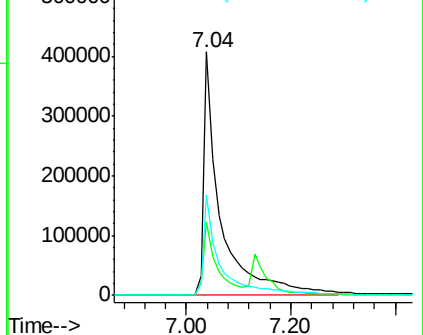
71 41.2 24.6 36.8#



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: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Tgt Ion: 136 Resp: 405175

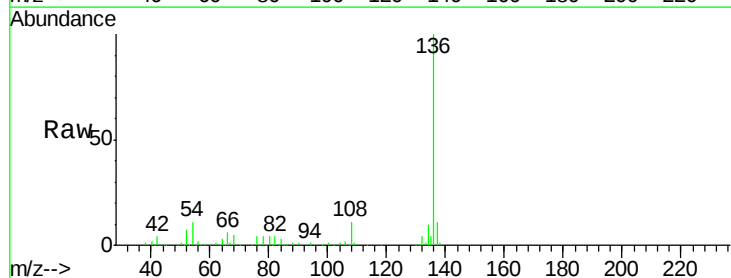
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.7 5.0 7.4#

68 5.2 4.4 6.6

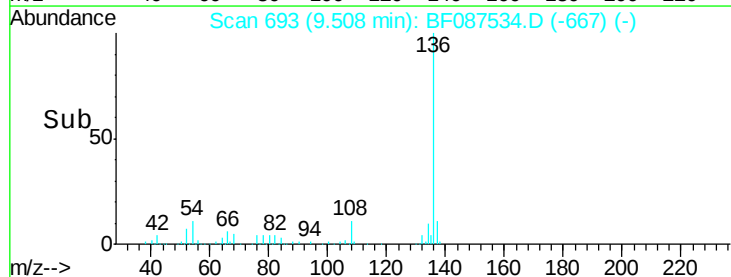
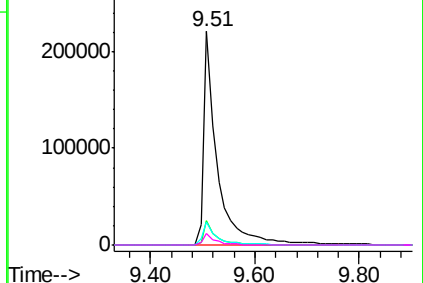


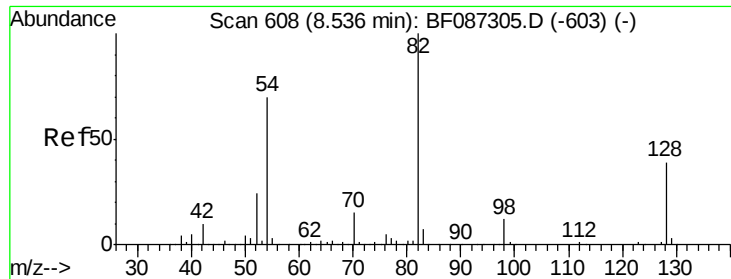
Abundance Ion 136.00 (135.70 to 136.70): E

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

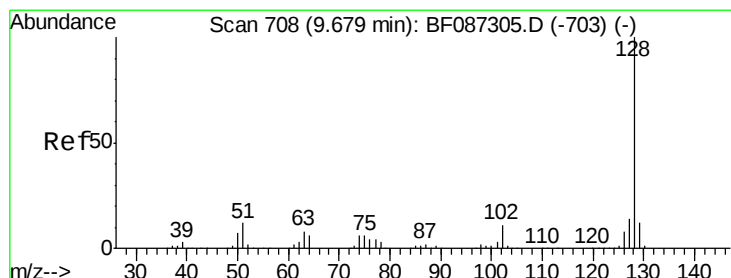
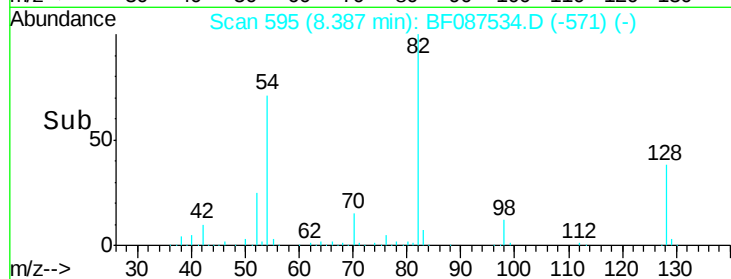
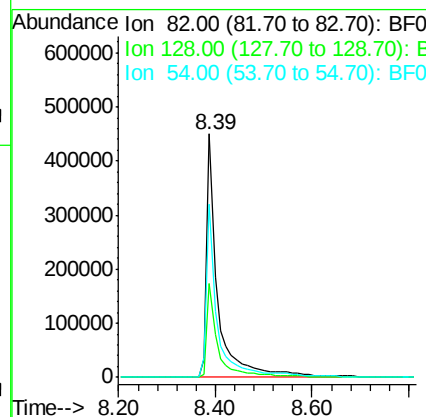
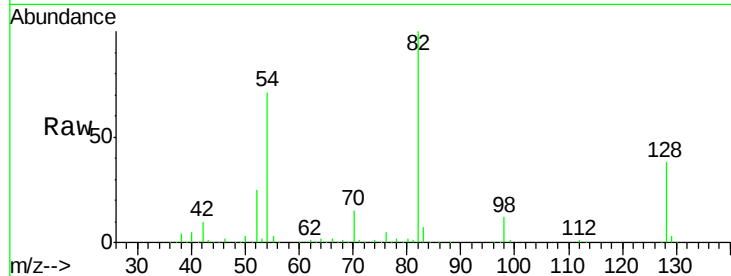




#23
 Nitrobenzene-d5
 Concen: 90.61 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087534.D
 Acq: 30 May 2016 3:58

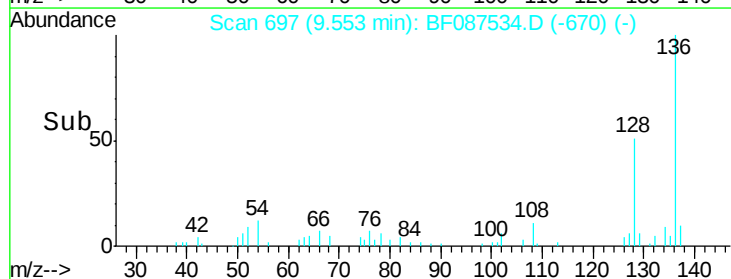
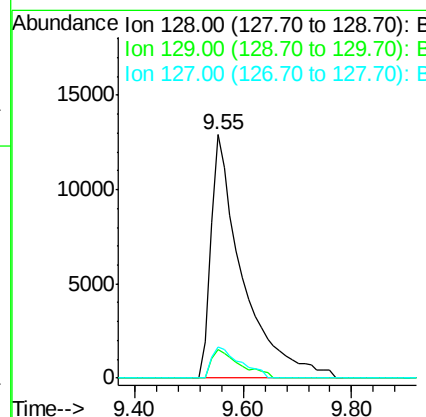
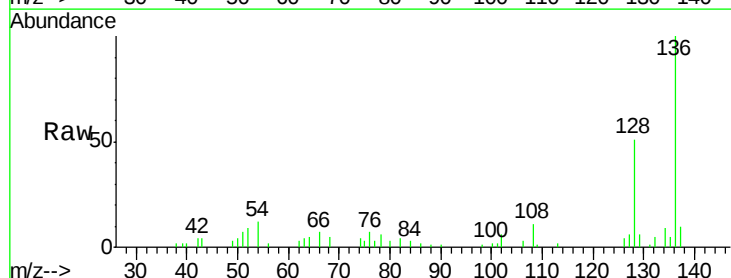
Instrument :
 BNA_F
 ClientSampleId :
 SC-1437(0-4)

Tot Ion	82	Resp	728416
Ion Ratio	100		
Lower	40.6		
Upper	61.0		
128	38.4		
54	71.4		



#31
 Naphthalene
 Concen: 2.57 ng
 RT: 9.55 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: BF087534.D
 Acq: 30 May 2016 3:58

Tgt Ion	128	Resp	52107
Ion Ratio	100		
Lower	8.6		
Upper	13.0		
129	11.6		
127	12.7		





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

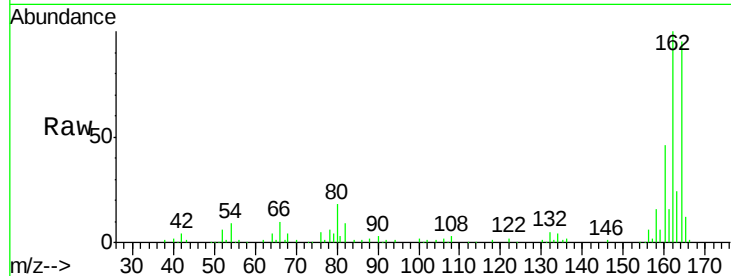
Tot Ion:164 Resp: 183670

Ion Ratio Lower Upper

164 100

162 105.2 82.8 124.2

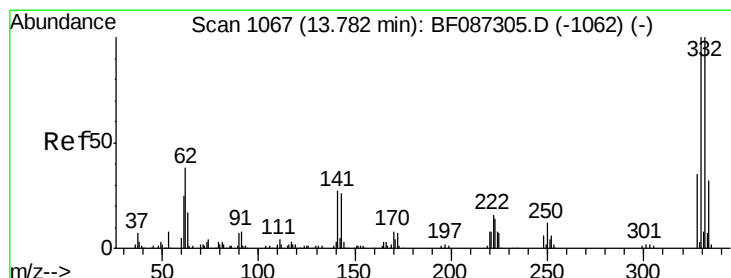
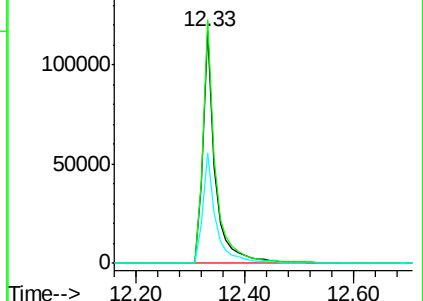
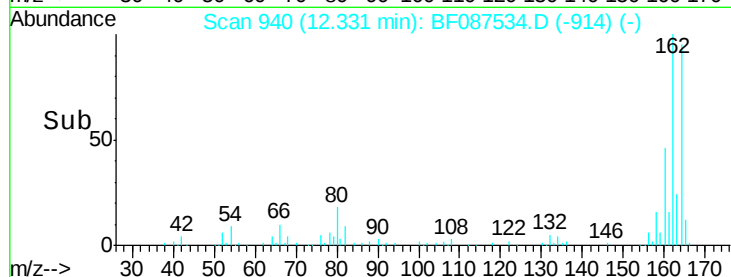
160 47.9 36.9 55.3



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: 140.70 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

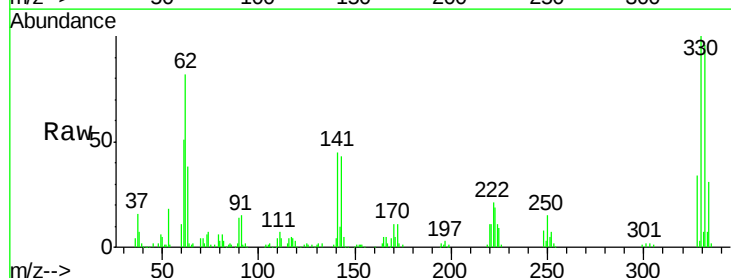
Tgt Ion:330 Resp: 248338

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

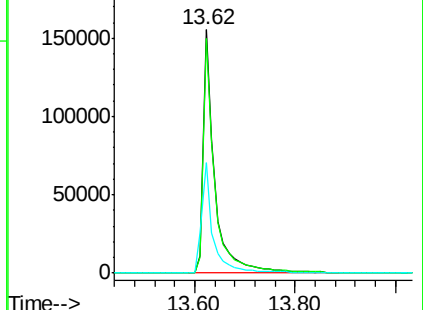
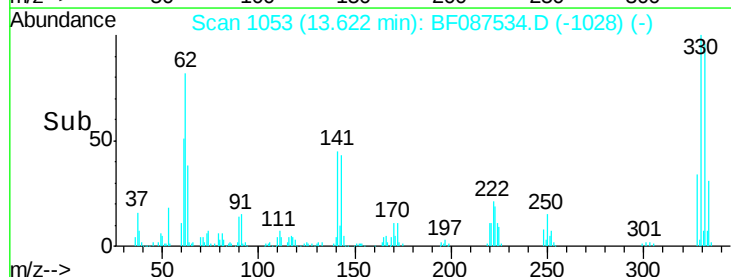
141 46.2 31.2 46.8

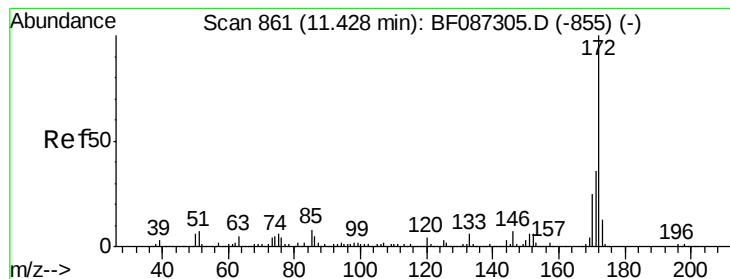


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.45 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

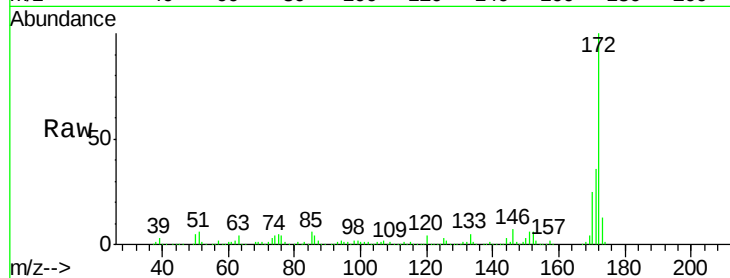
Tot Ion:172 Resp: 1256642

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

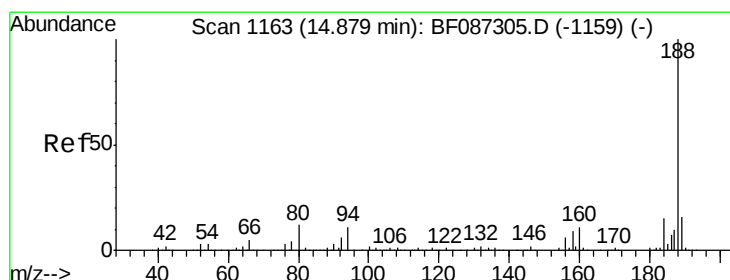
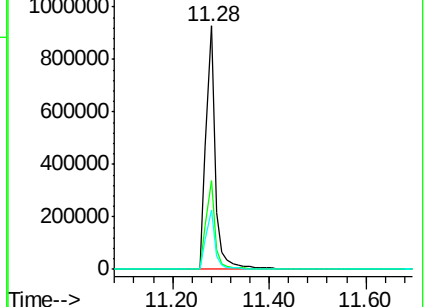
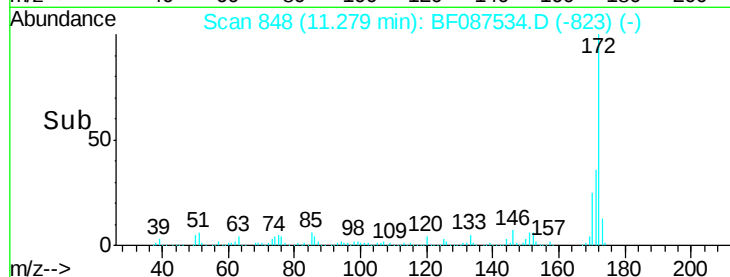
170 24.6 19.8 29.8



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: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

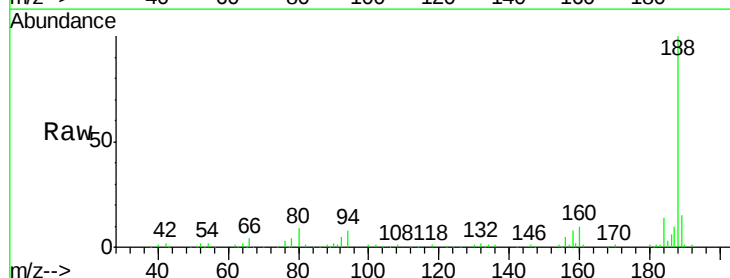
Tgt Ion:188 Resp: 349960

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

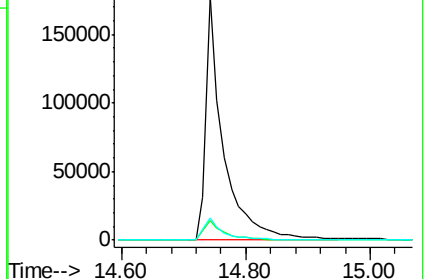
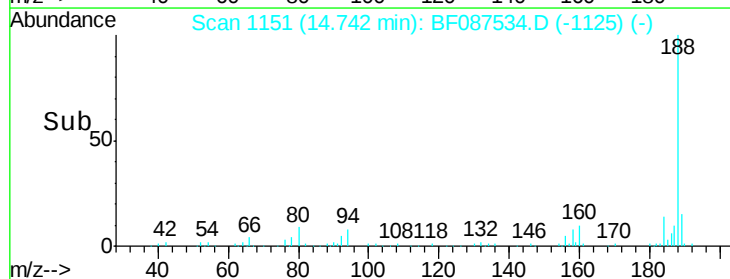
80 9.3 7.1 10.7



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: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

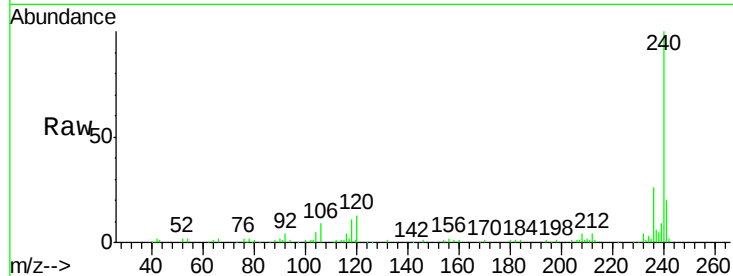
Tot Ion:240 Resp: 247958

Ion Ratio Lower Upper

240 100

120 12.5 11.2 16.8

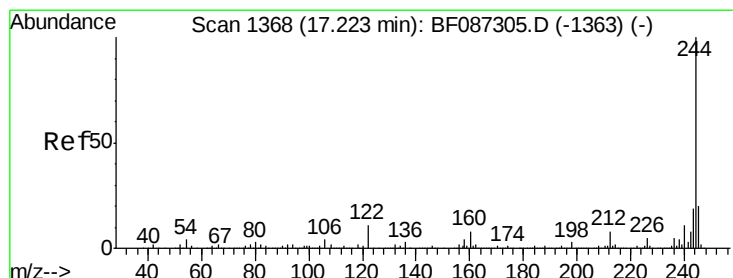
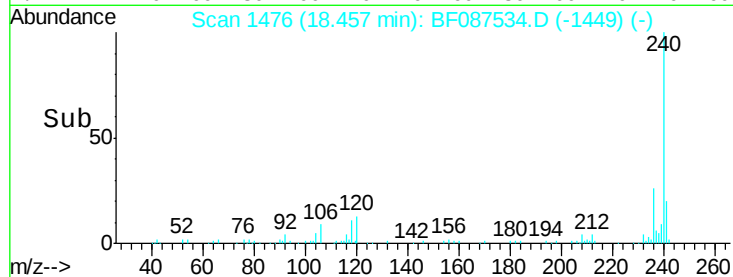
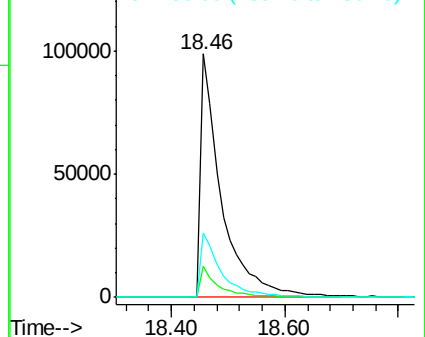
236 26.5 21.2 31.8



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: 96.64 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087534.D

Acq: 30 May 2016 3:58

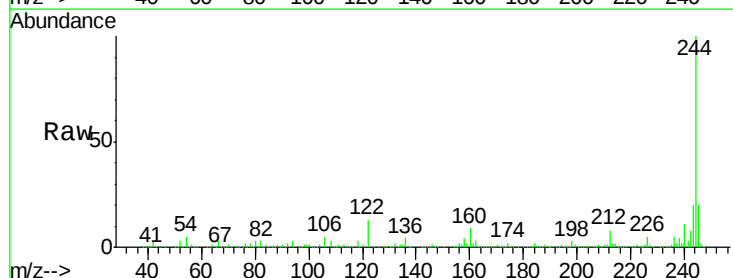
Tgt Ion:244 Resp: 1127122

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

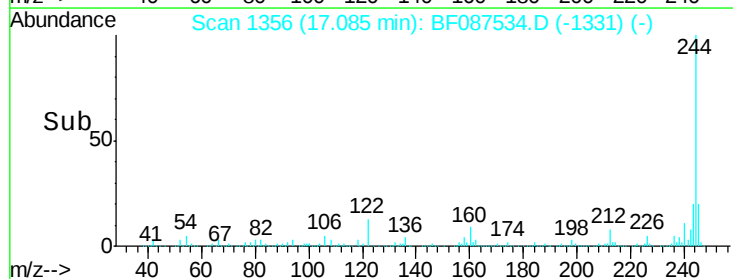
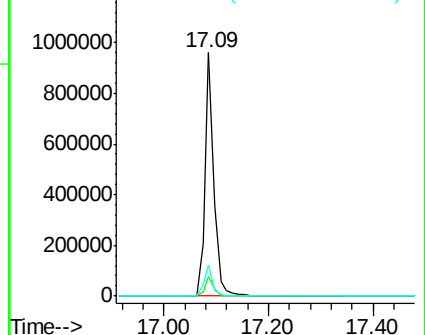
122 12.9 12.0 18.0

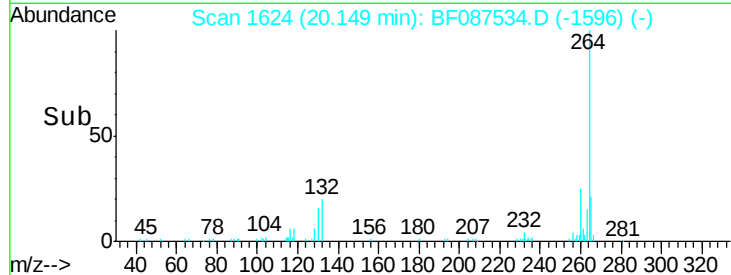
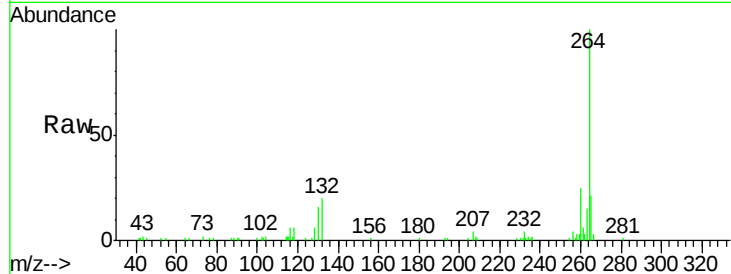
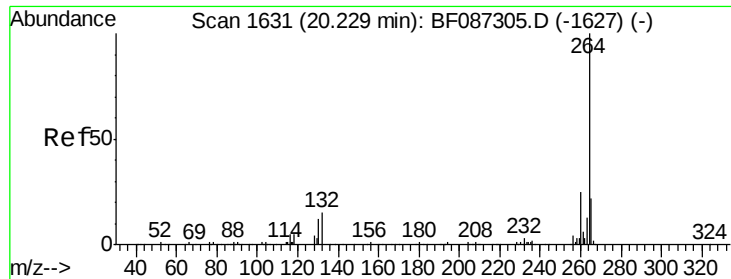


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.15 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF087534.D
Acq: 30 May 2016 3:58

Instrument :
BNA_F
ClientSampleId :
SC-1437(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.1	17.3	25.9

