

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087359.D
 Acq On : 25 May 2016 3:04
 Operator : UM/SJ
 Sample : H3211-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

Quant Time: May 25 06:42:23 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

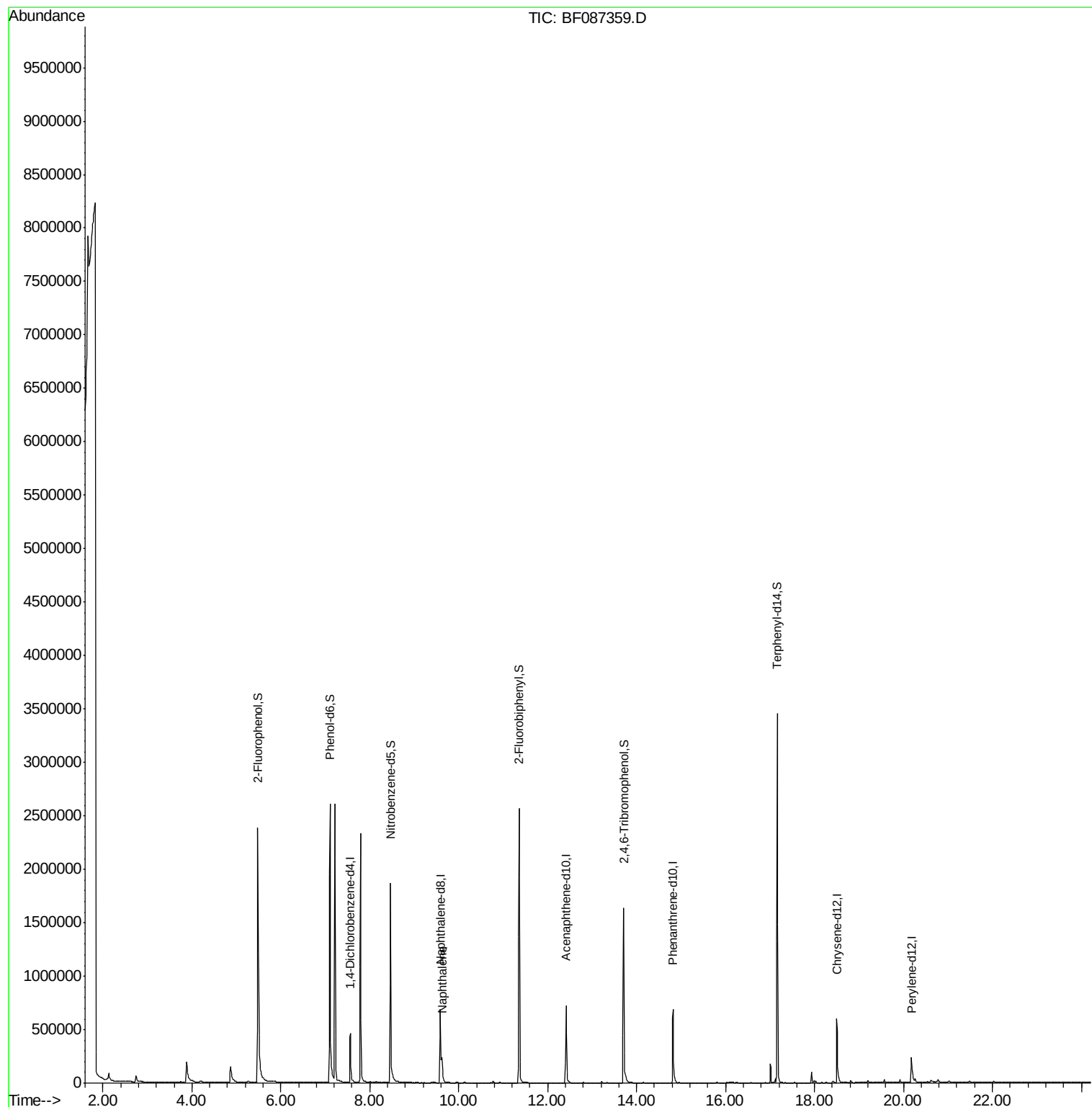
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	113216	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	456087	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	214696	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	445359	20.00	ng	0.00
75) Chrysene-d12	18.50	240	346102	20.00	ng	-0.01
86) Perylene-d12	20.18	264	127331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	917333	142.37	ng	0.02
7) Phenol-d6	7.11	99	1238555	142.26	ng	0.00
23) Nitrobenzene-d5	8.47	82	812047	89.73	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	317853	154.06	ng	-0.01
44) 2-Fluorobiphenyl	11.36	172	1389397	91.23	ng	-0.02
78) Terphenyl-d14	17.17	244	1395975	85.75	ng	-0.01
Target Compounds						
31) Naphthalene	9.62	128	199361	8.72	ng	Qvalue 100

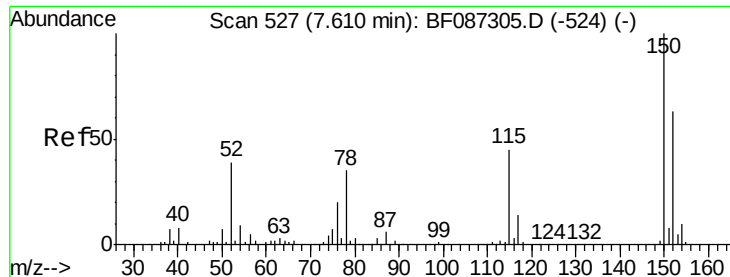
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
Data File : BF087359.D
Acq On : 25 May 2016 3:04
Operator : UM/SJ
Sample : H3211-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Quant Time: May 25 06:42:23 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

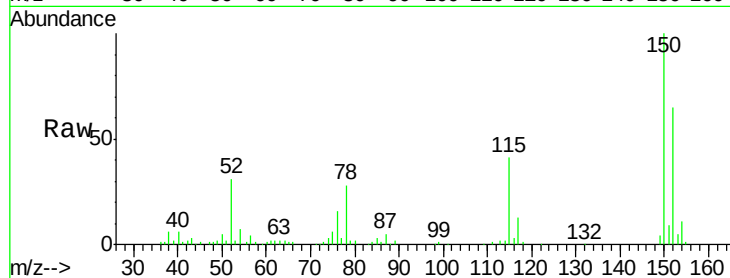
Tot Ion:152 Resp: 113216

Ion Ratio Lower Upper

152 100

150 154.2 125.8 188.6

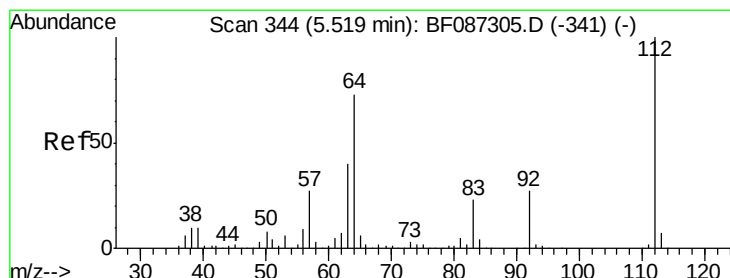
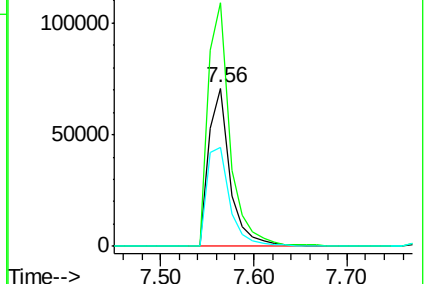
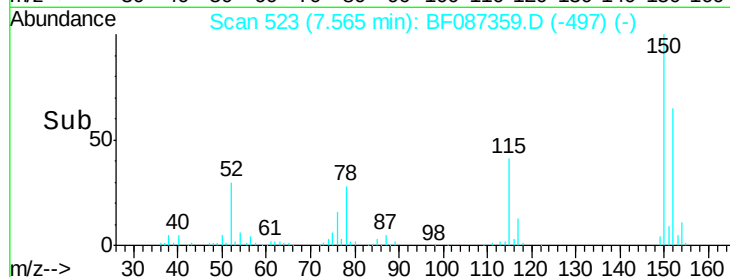
115 63.0 51.5 77.3



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: 142.37 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

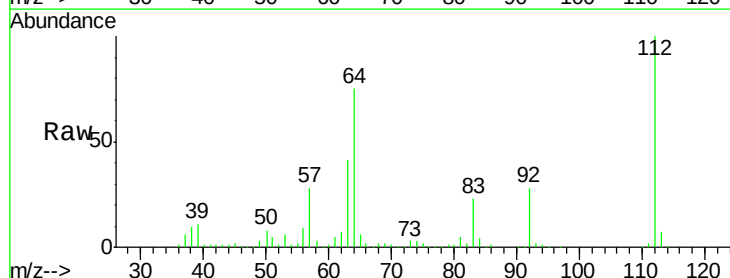
Tgt Ion:112 Resp: 917333

Ion Ratio Lower Upper

112 100

64 75.5 52.1 78.1

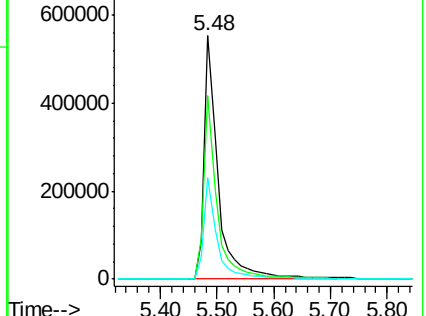
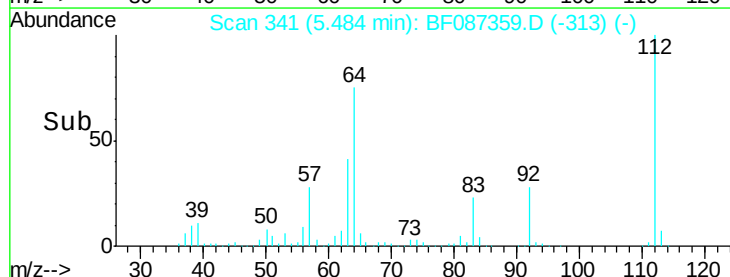
63 41.5 25.7 38.5#

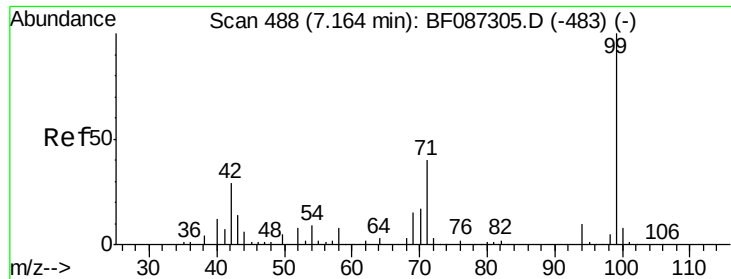


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.26 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

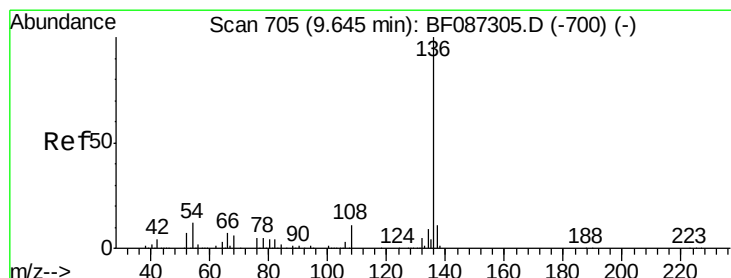
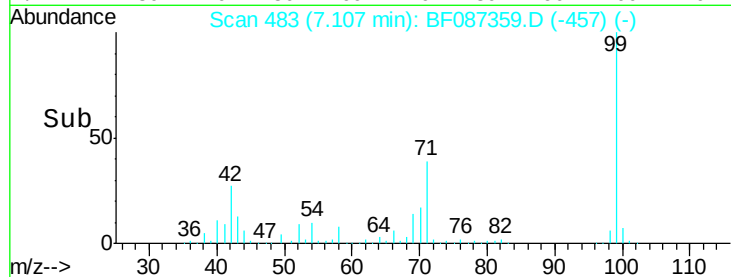
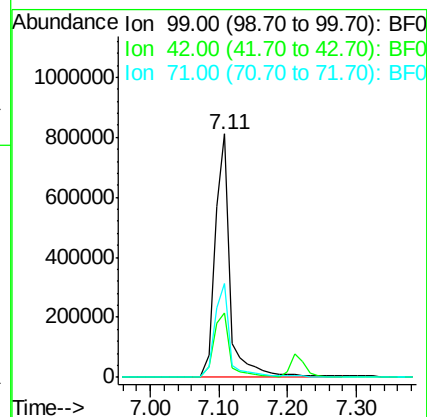
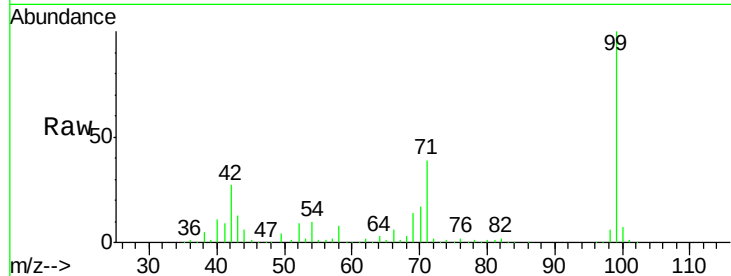
Tot Ion: 99 Resp: 1238555

Ion Ratio Lower Upper

99 100

42 26.7 13.6 20.4#

71 38.5 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: BF087359.D

Acq: 25 May 2016 3:04

Tgt Ion: 136 Resp: 456087

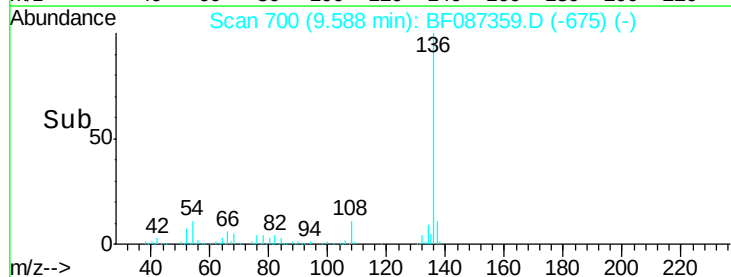
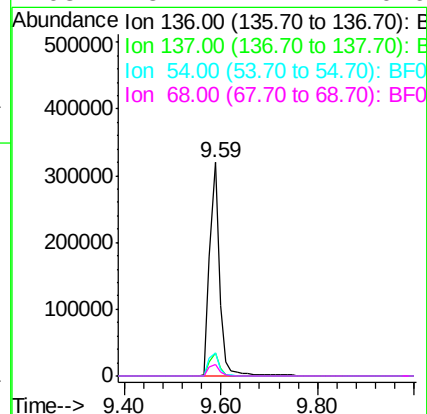
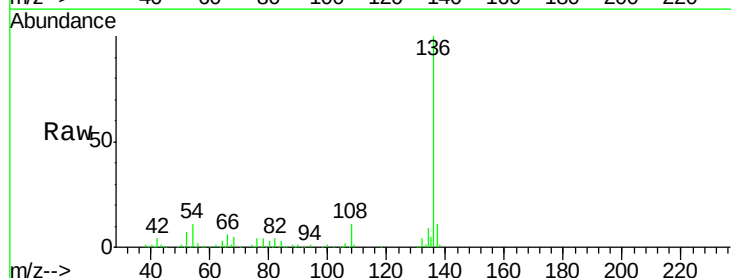
Ion Ratio Lower Upper

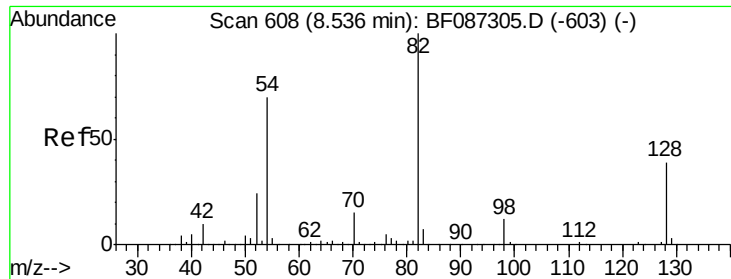
136 100

137 10.9 8.8 13.2

54 10.9 5.0 7.4#

68 5.4 4.4 6.6

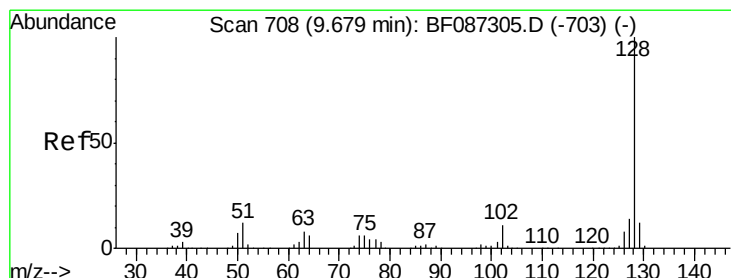
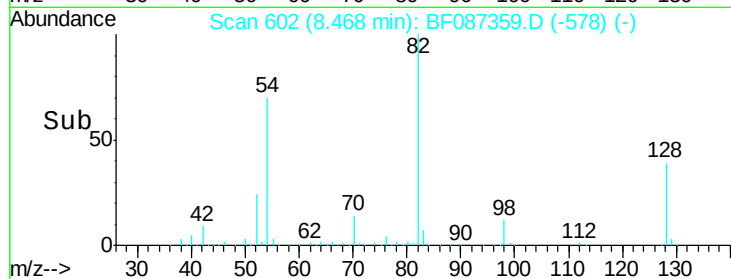
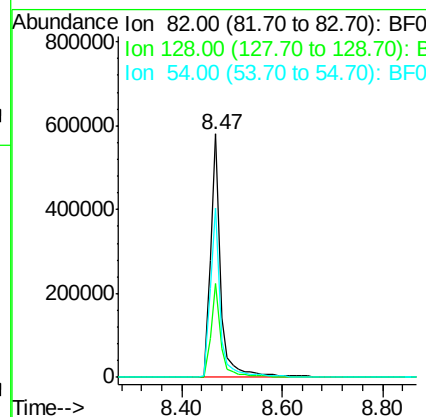
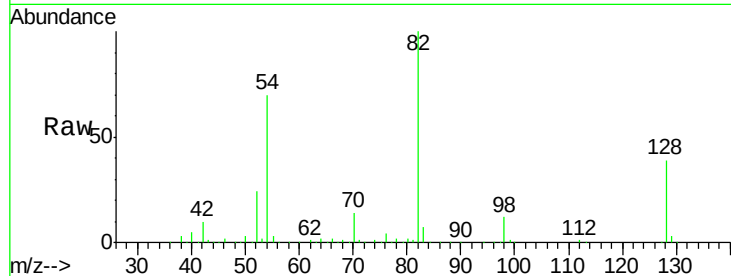




#23
 Nitrobenzene-d5
 Concen: 89.73 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087359.D
 Acq: 25 May 2016 3:04

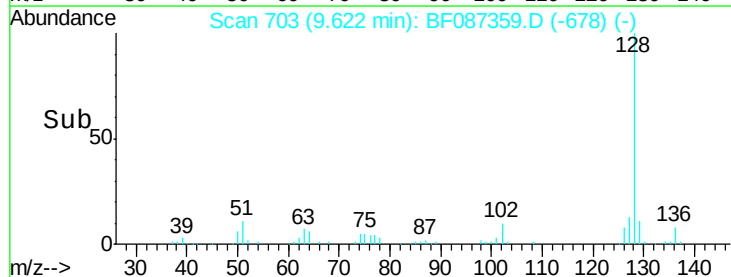
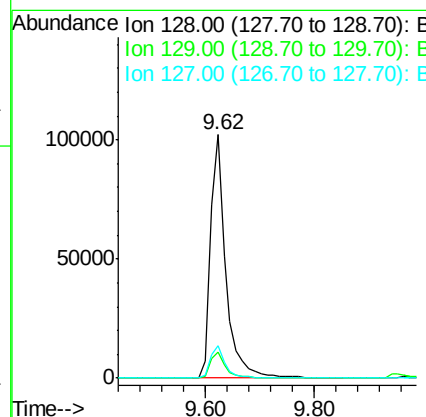
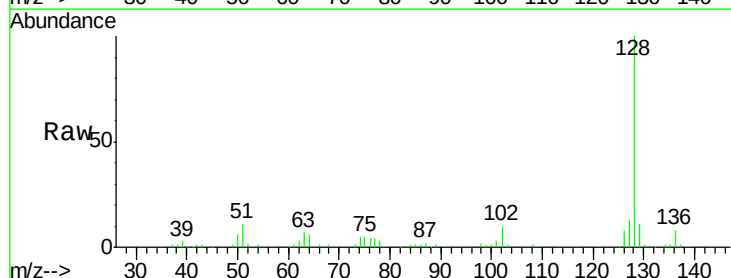
Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

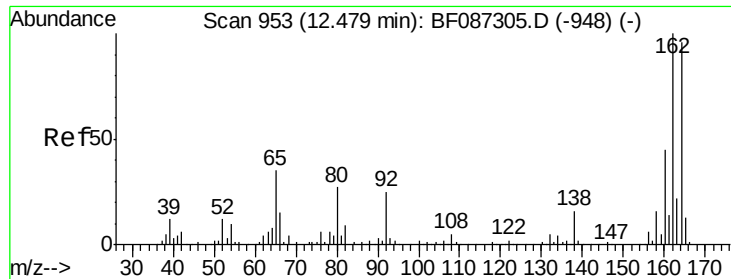
Tot Ion	82	Resp	812047
Ion Ratio	Lower	Upper	
82	100		
128	38.5	40.6	61.0#
54	69.6	38.1	57.1#



#31
 Naphthalene
 Concen: 8.72 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087359.D
 Acq: 25 May 2016 3:04

Tgt Ion	128	Resp	199361
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	13.0
127	13.3	10.8	16.2

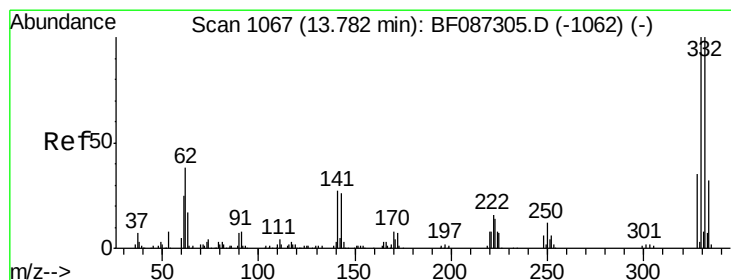
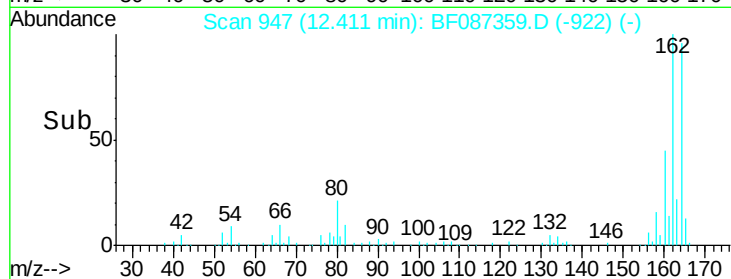
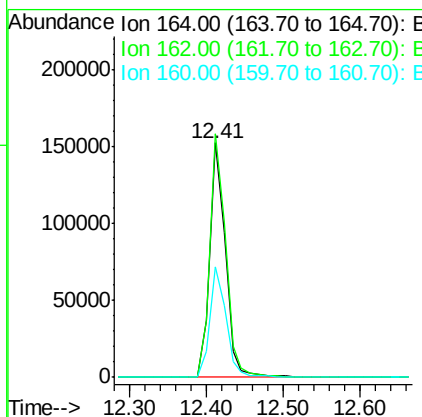
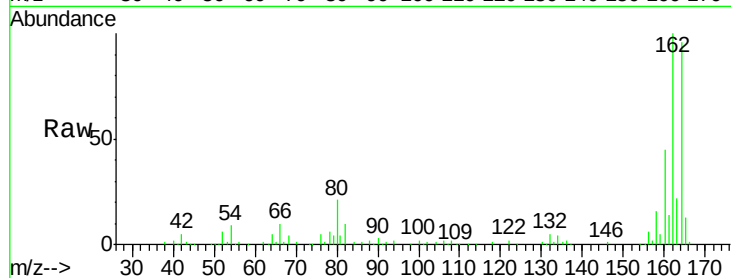




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087359.D
 Acq: 25 May 2016 3:04

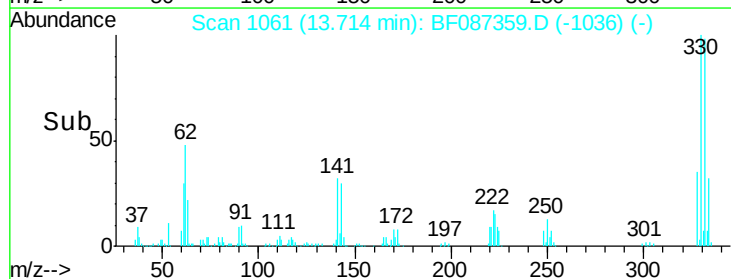
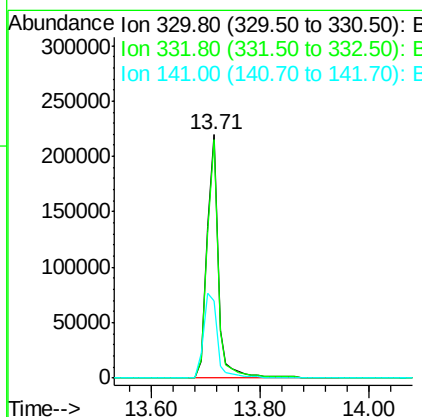
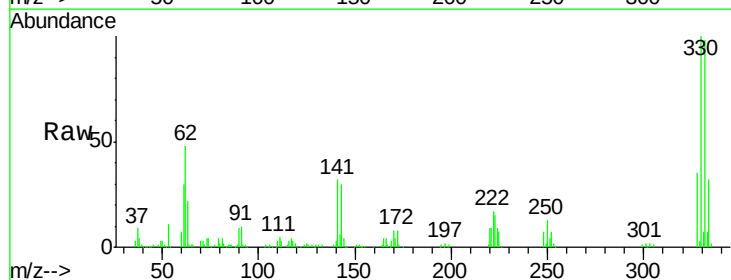
Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

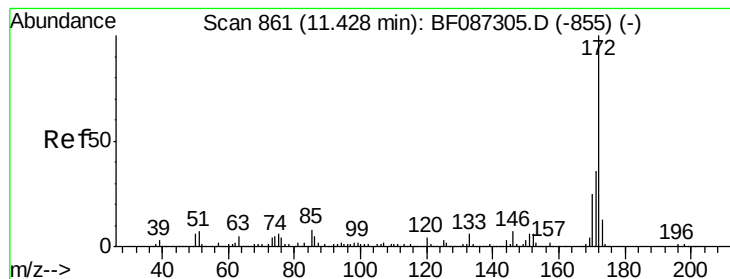
Tot Ion:164 Resp: 214696
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.8 124.2
 160 47.1 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 154.06 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087359.D
 Acq: 25 May 2016 3:04

Tgt Ion:330 Resp: 317853
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 42.9 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 91.23 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

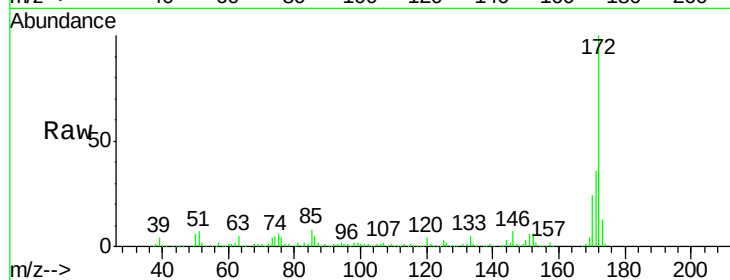
BNA_F

ClientSampleId :

TA-1320-(0-4)

Tot Ion:172 Resp: 1389397

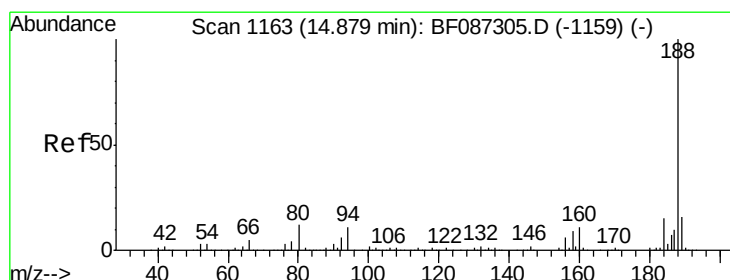
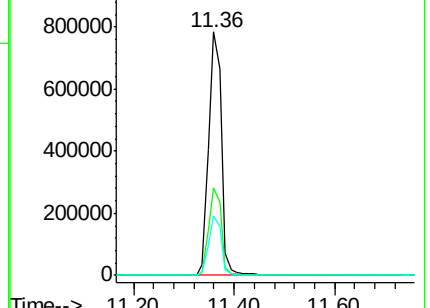
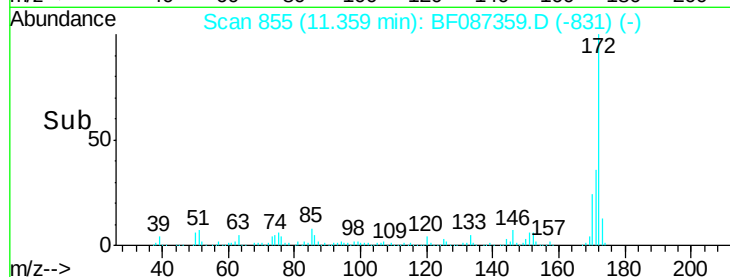
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8



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: 14.82 min Scan# 1158

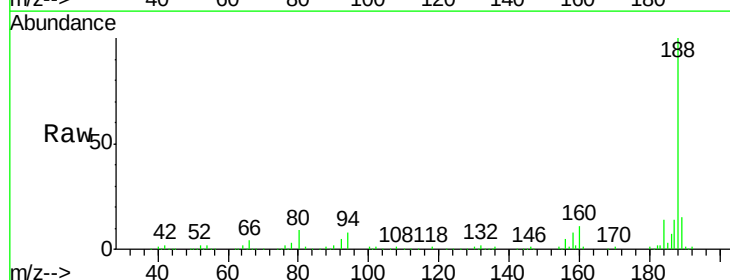
Delta R.T. -0.00 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Tgt Ion:188 Resp: 445359

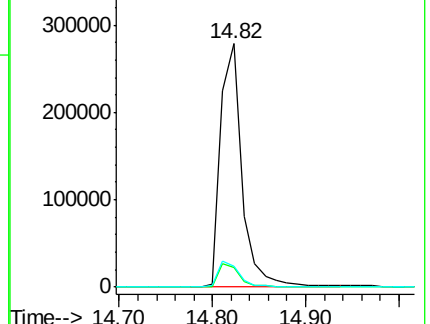
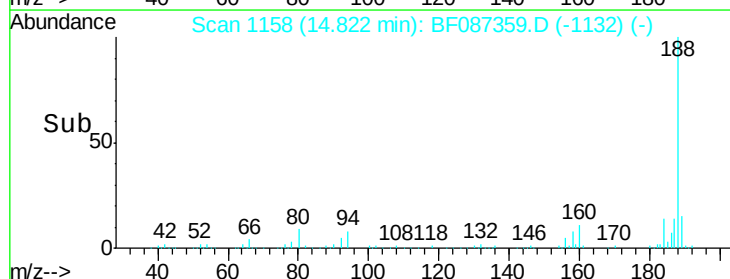
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.7	7.1	10.7

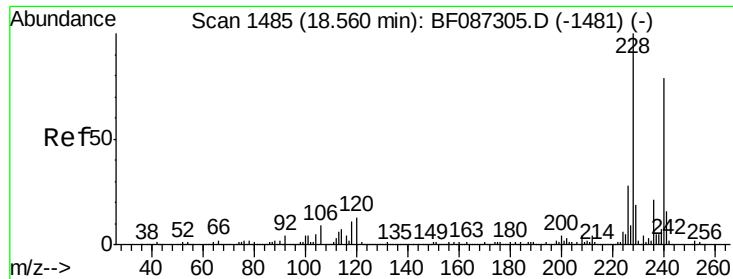


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.50 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

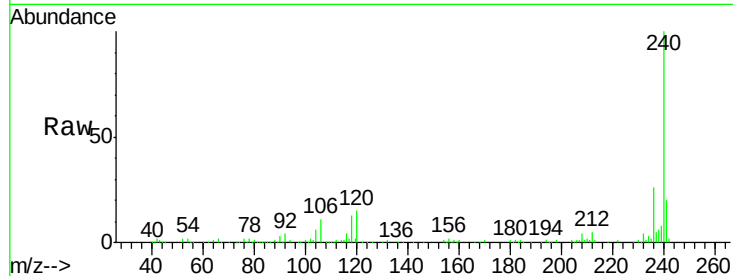
Tot Ion:240 Resp: 346102

Ion Ratio Lower Upper

240 100

120 14.7 11.2 16.8

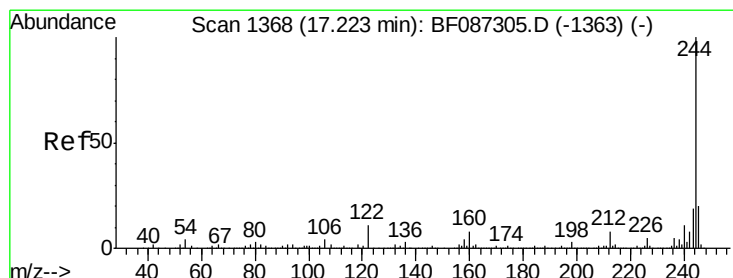
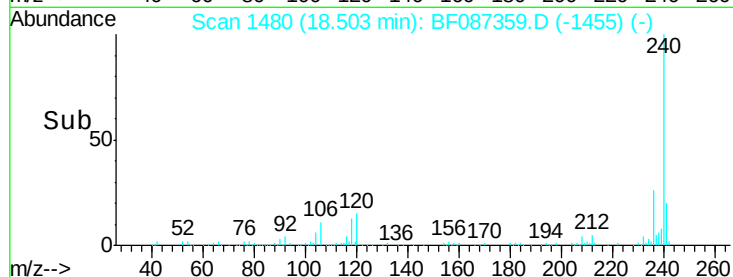
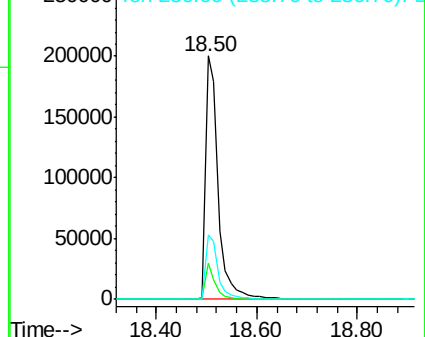
236 26.4 21.2 31.8



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: 85.75 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087359.D

Acq: 25 May 2016 3:04

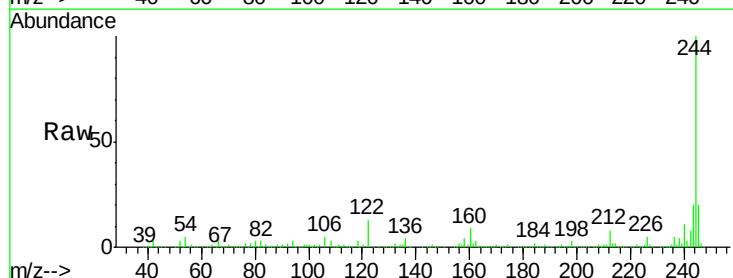
Tgt Ion:244 Resp: 1395975

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

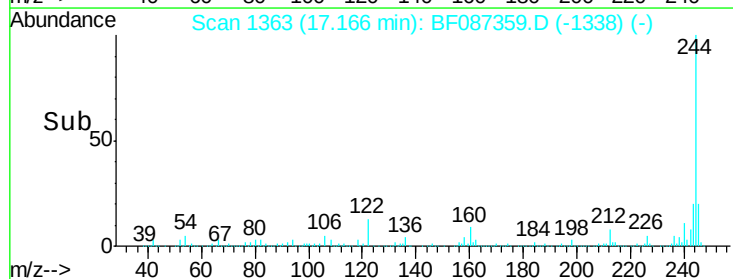
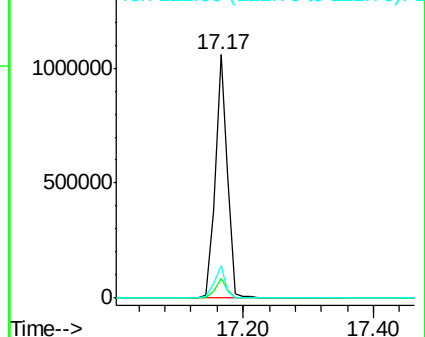
122 13.4 12.0 18.0

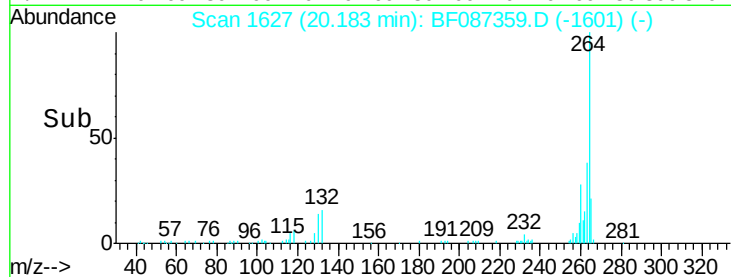
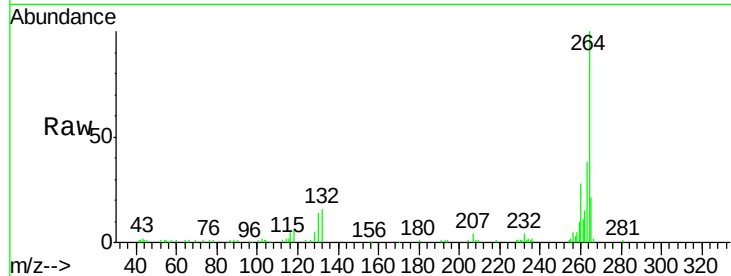
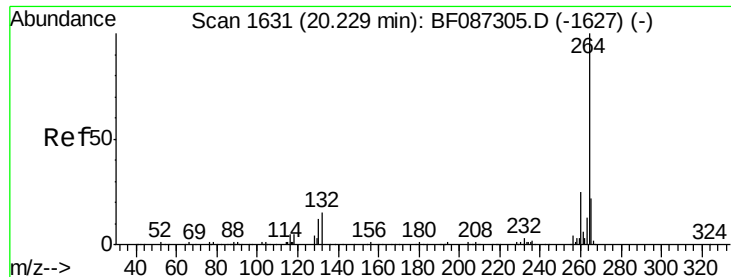


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.18 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tot Ion:	264	Resp:	127331
Ion Ratio	Lower	Upper	
264	100		
260	27.9	19.5	29.3
265	20.9	17.3	25.9

