

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087597.D
 Acq On : 1 Jun 2016 00:17
 Operator : UM/SJ
 Sample : H3268-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1275+50(0-4)

Quant Time: Jun 01 04:04:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

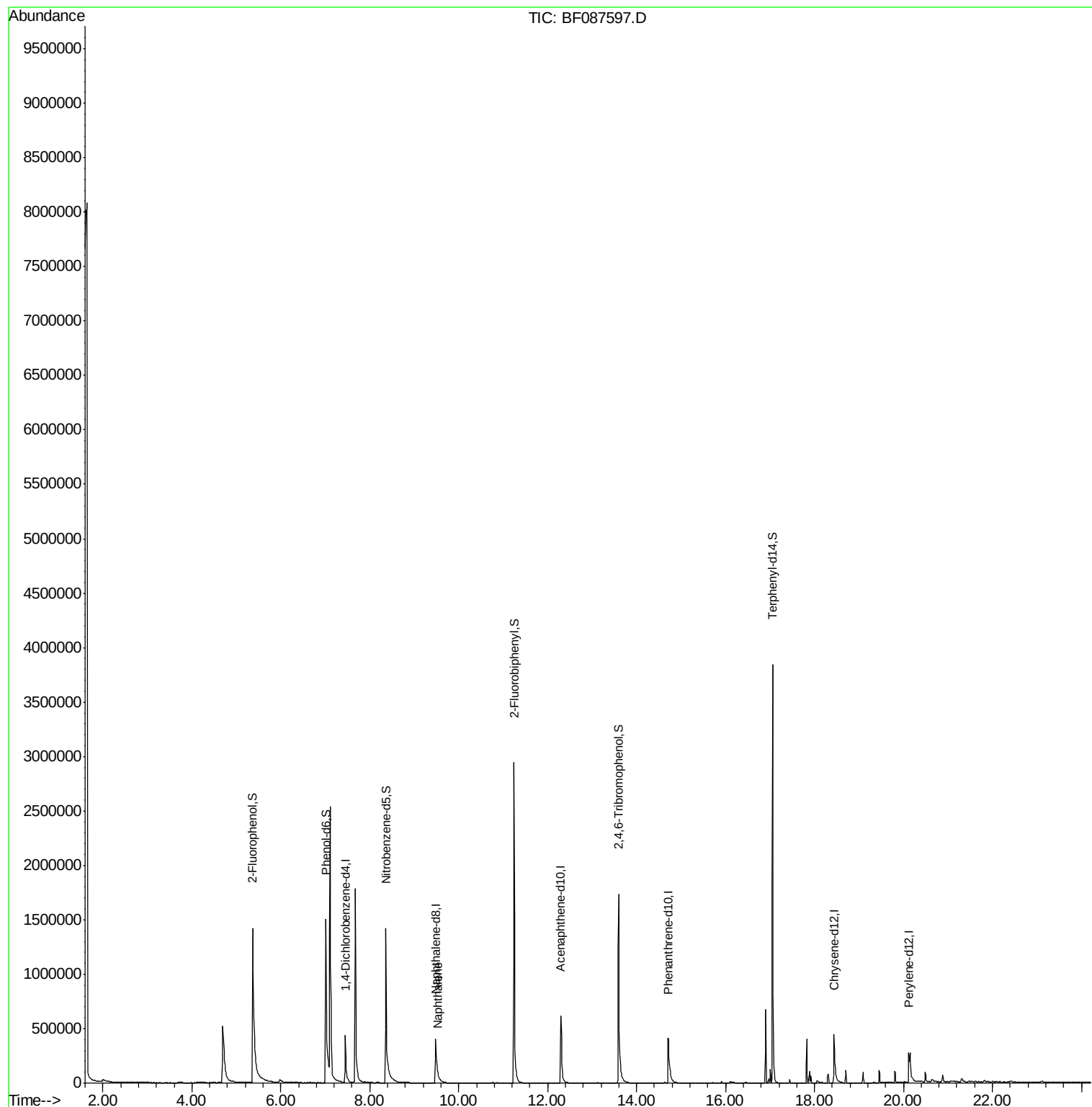
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	105643	20.00	ng	0.00
21) Naphthalene-d8	9.48	136	431267	20.00	ng	0.01
38) Acenaphthene-d10	12.30	164	214271	20.00	ng	-0.01
63) Phenanthrene-d10	14.72	188	436812	20.00	ng	0.01
75) Chrysene-d12	18.43	240	371535	20.00	ng	0.01
86) Perylene-d12	20.11	264	304471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	846220	140.75	ng	0.02
7) Phenol-d6	7.02	99	1099382	135.33	ng	0.00
23) Nitrobenzene-d5	8.36	82	827013	96.65	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	323131	156.93	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1376619	90.57	ng	-0.01
78) Terphenyl-d14	17.06	244	1453880	83.19	ng	0.00
Target Compounds						
31) Naphthalene	9.53	128	57983	2.68	ng	Qvalue 97

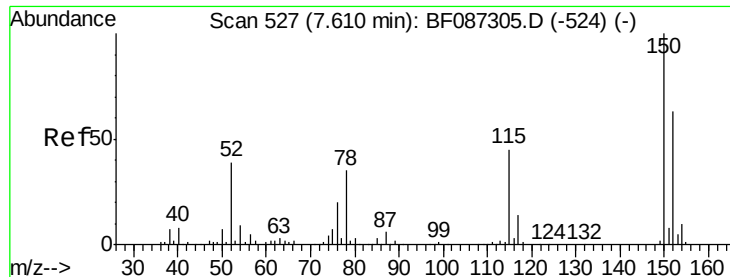
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087597.D
Acq On : 1 Jun 2016 00:17
Operator : UM/SJ
Sample : H3268-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

Quant Time: Jun 01 04:04:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration



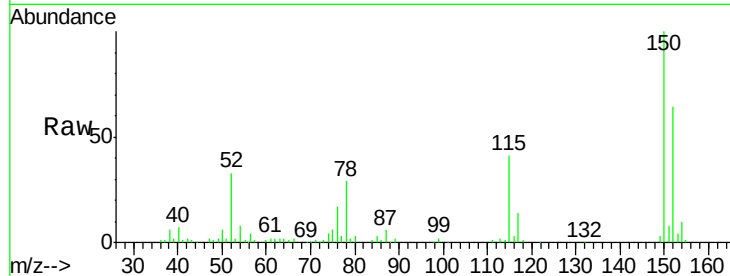


#1

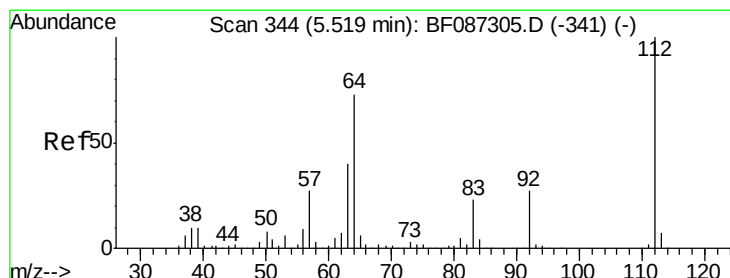
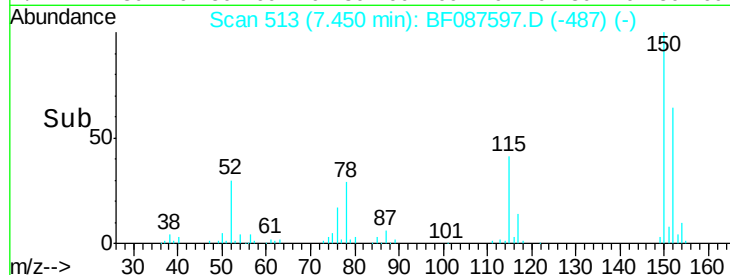
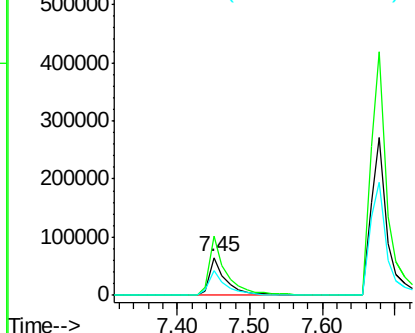
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087597.D
Acq: 1 Jun 2016 00:17

Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

Tot Ion:152 Resp: 105643
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 64.3 51.5 77.3



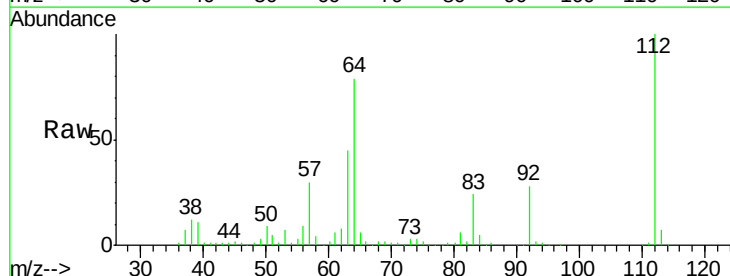
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



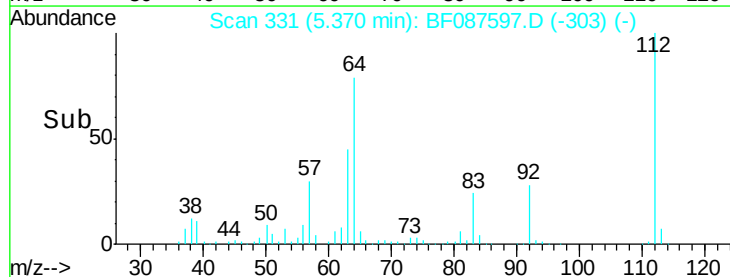
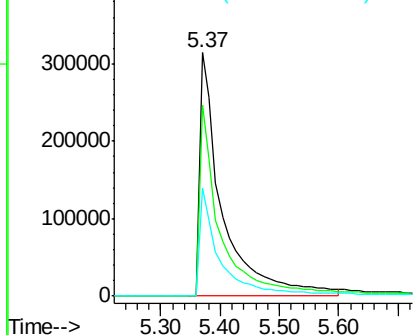
#5

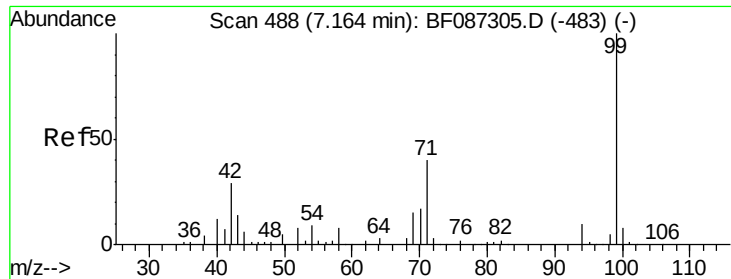
2-Fluorophenol
Concen: 140.75 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.02 min
Lab File: BF087597.D
Acq: 1 Jun 2016 00:17

Tgt Ion:112 Resp: 846220
Ion Ratio Lower Upper
112 100
64 78.5 52.1 78.1#
63 44.5 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: 135.33 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

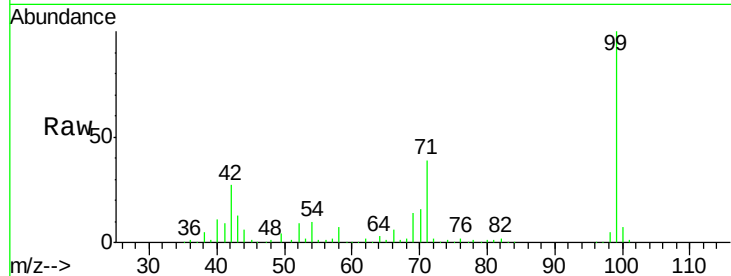
Tot Ion: 99 Resp: 1099382

Ion Ratio Lower Upper

99 100

42 26.8 13.6 20.4#

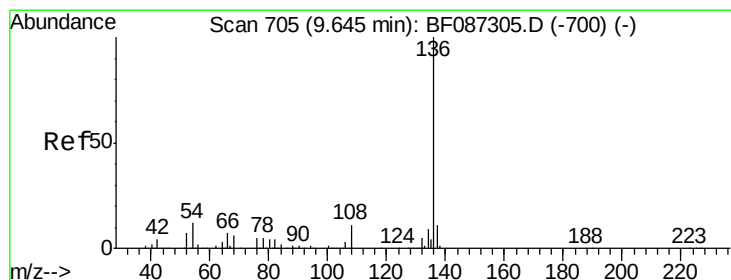
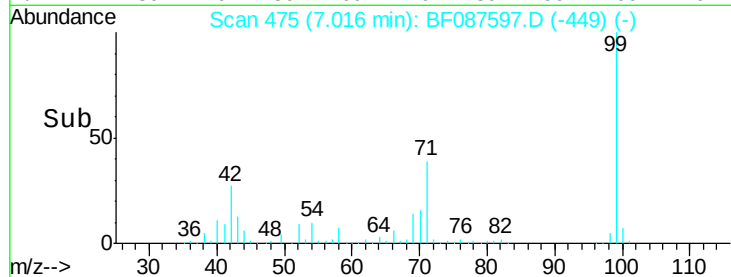
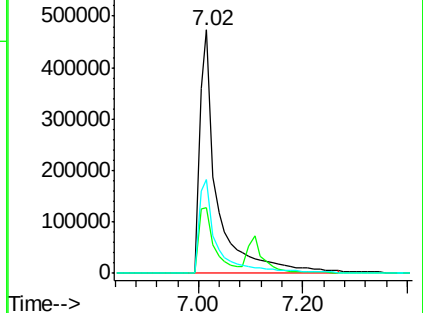
71 38.6 24.6 36.8#



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: 9.48 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

Tgt Ion:136 Resp: 431267

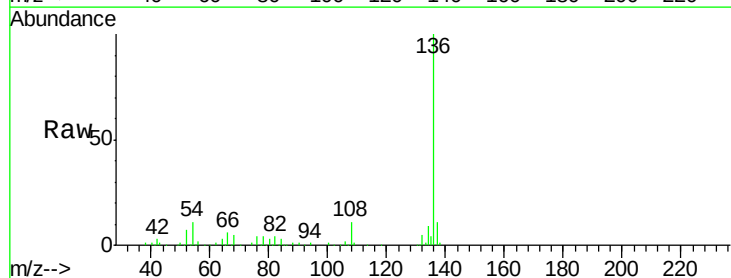
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.8 5.0 7.4#

68 5.2 4.4 6.6

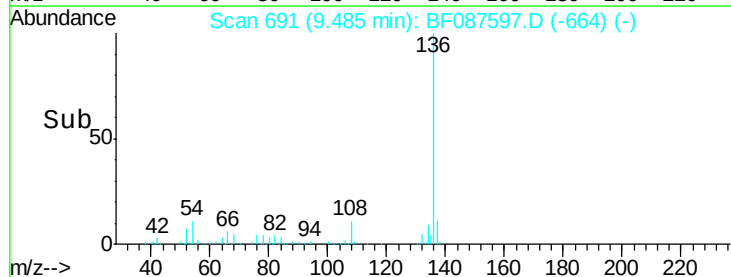
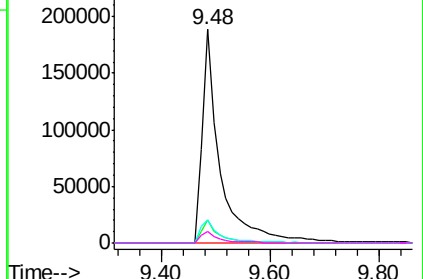


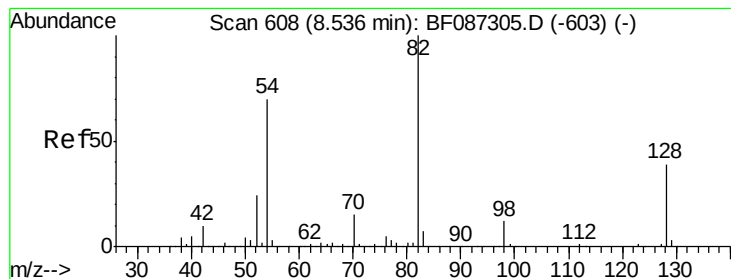
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.65 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

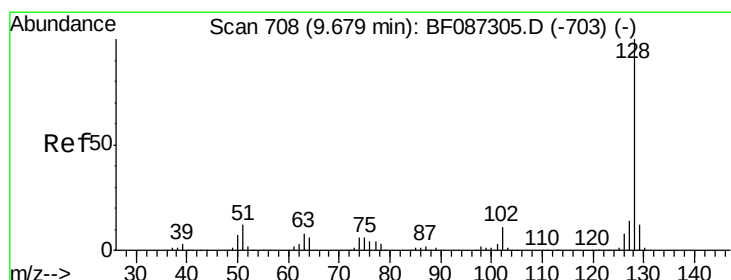
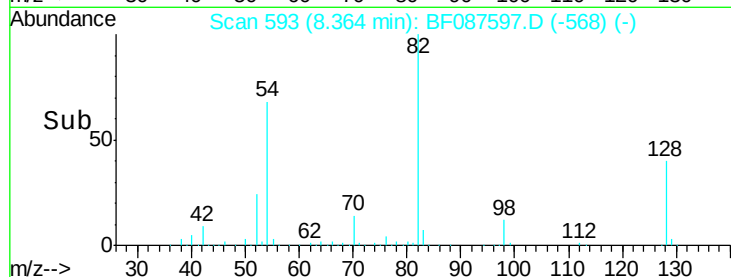
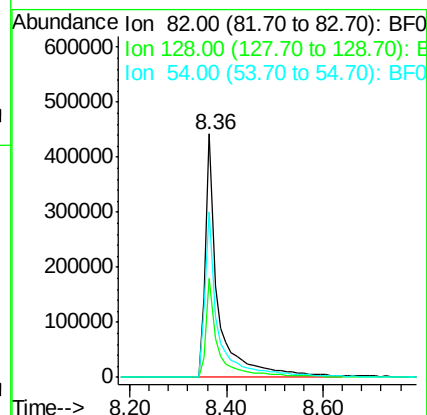
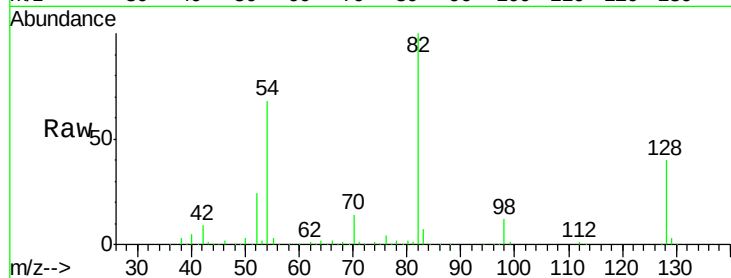
Tot Ion: 82 Resp: 827013

Ion Ratio Lower Upper

82 100

128 40.5 40.6 61.0#

54 68.1 38.1 57.1#



#31

Naphthalene

Concen: 2.68 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.02 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

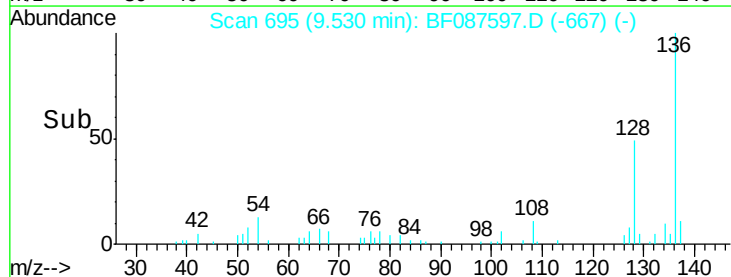
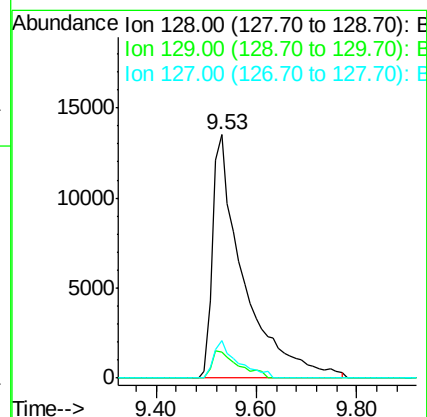
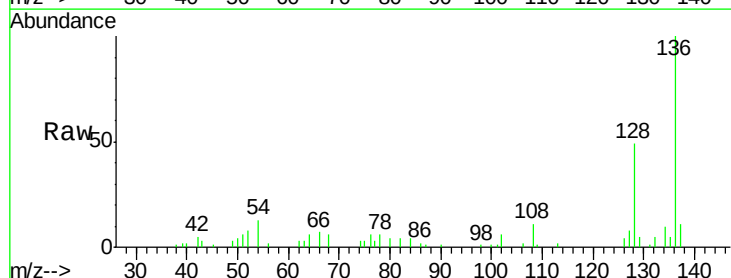
Tgt Ion: 128 Resp: 57983

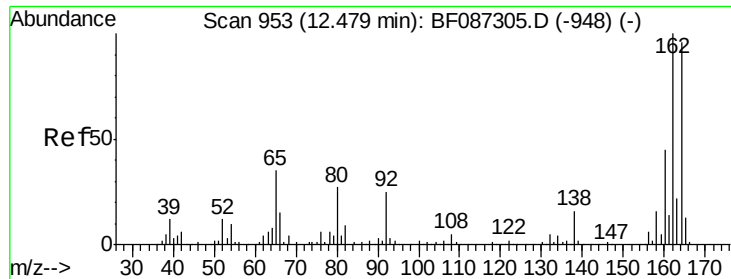
Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 15.6 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

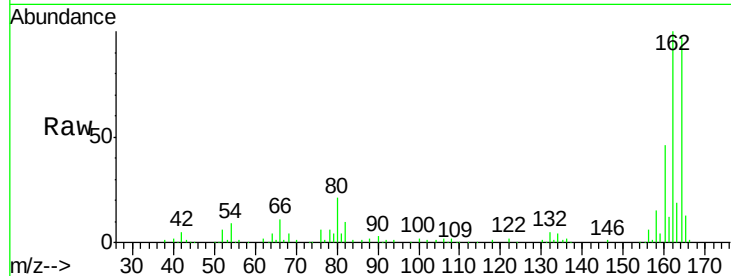
Tot Ion:164 Resp: 214271

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

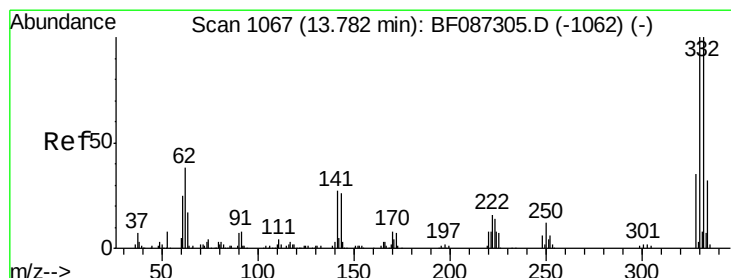
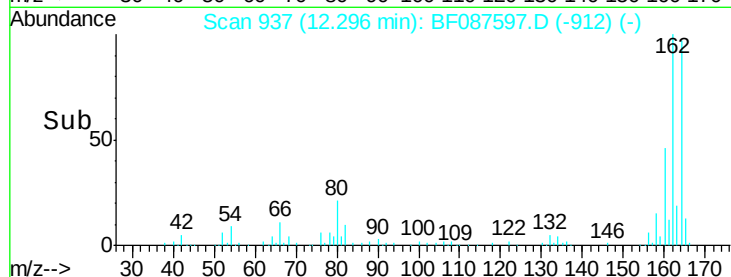
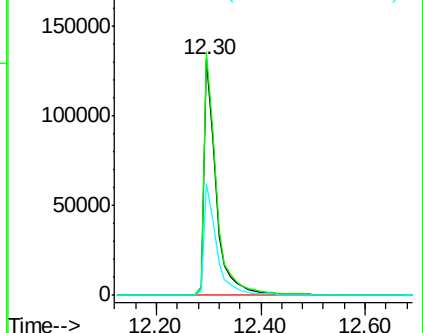
160 47.3 36.9 55.3



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: 156.93 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

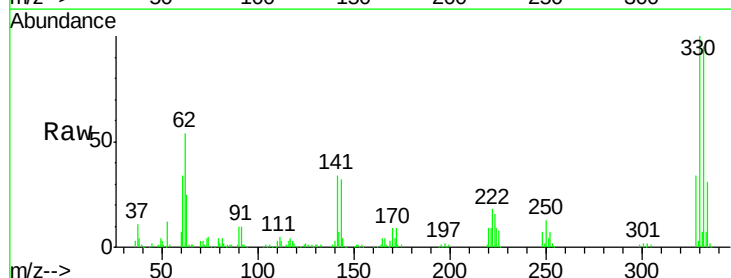
Tgt Ion:330 Resp: 323131

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

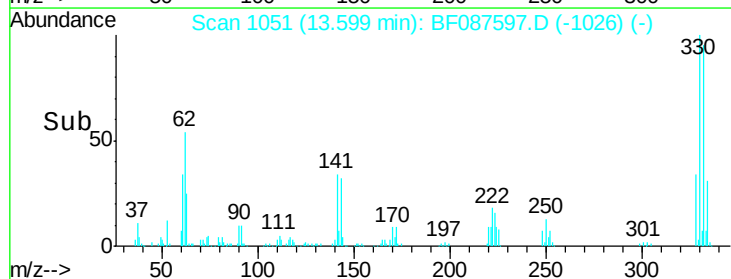
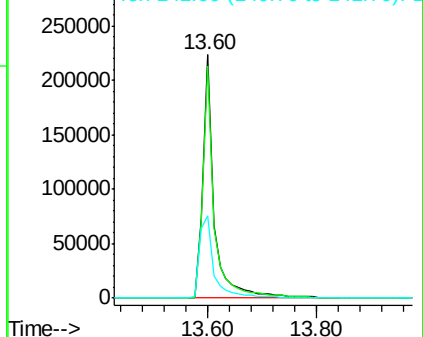
141 43.5 31.2 46.8

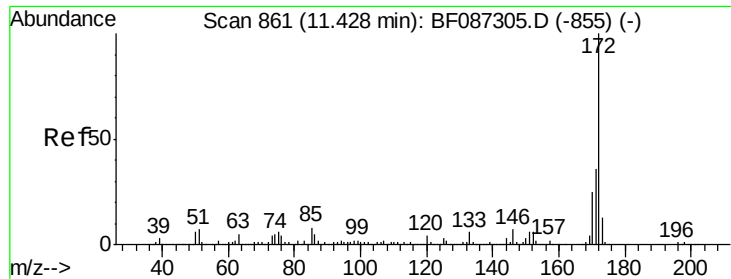


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.57 ng

RT: 11.24 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

Instrument :

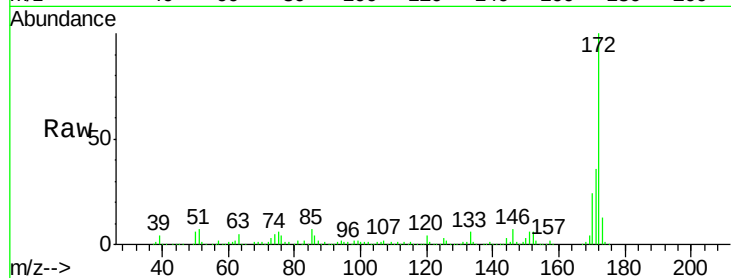
BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

Tot Ion:172 Resp: 1376619

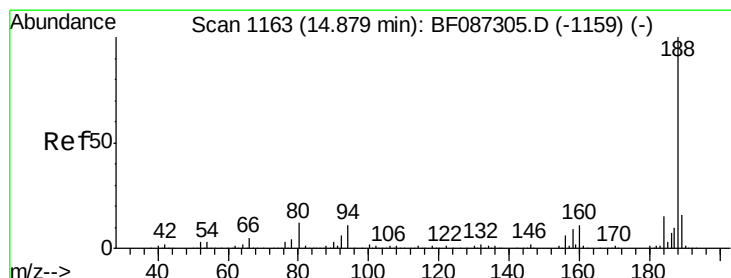
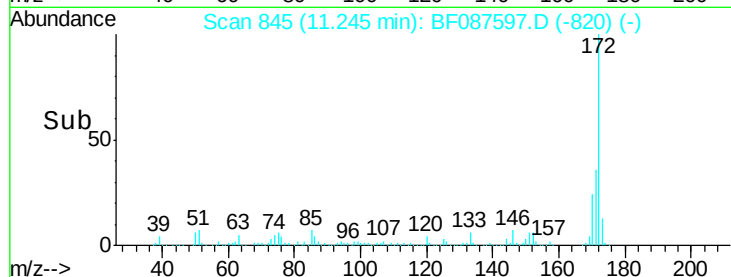
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	19.8	29.8



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: 14.72 min Scan# 1149

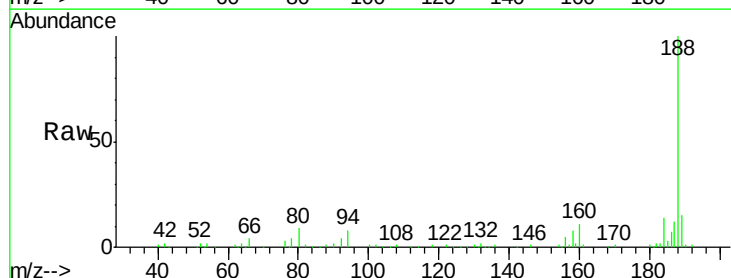
Delta R.T. 0.01 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

Tgt Ion:188 Resp: 436812

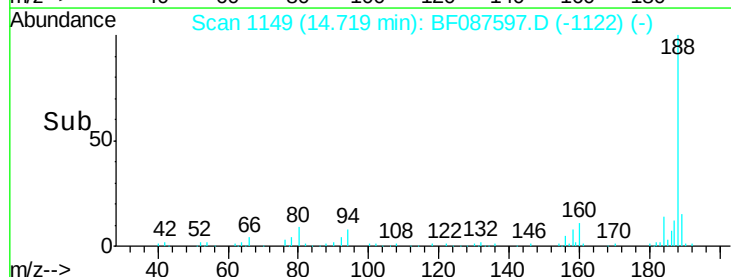
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.9	7.1	10.7

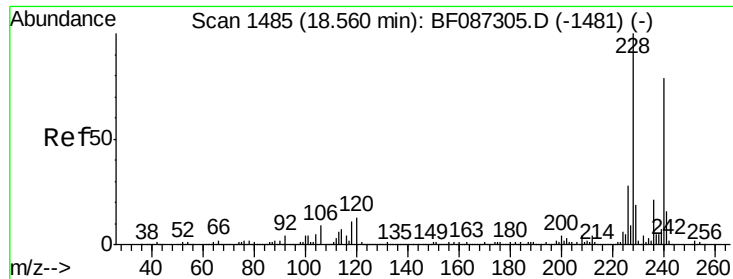


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.43 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

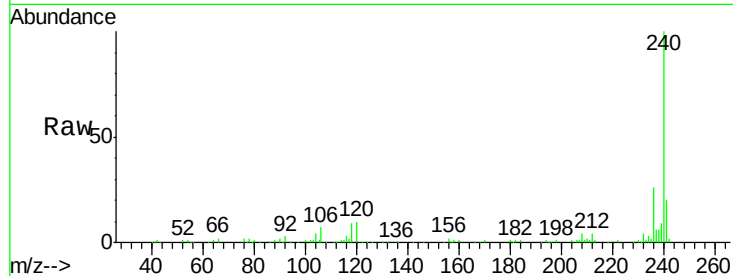
Tot Ion:240 Resp: 371535

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

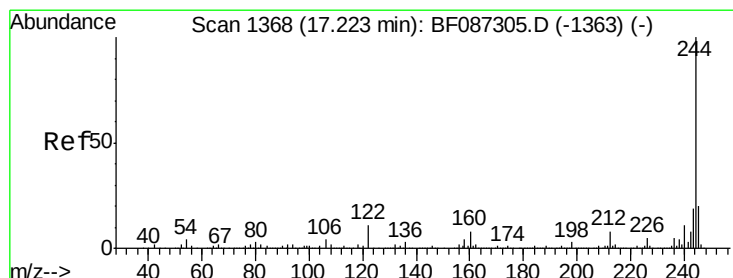
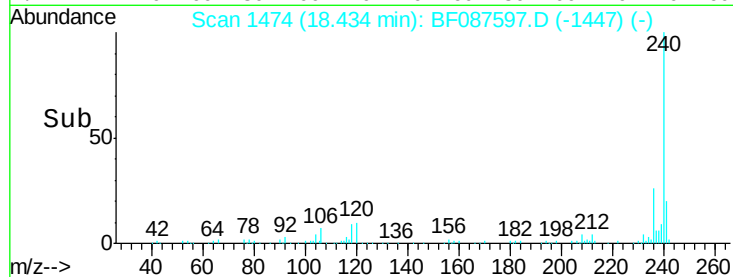
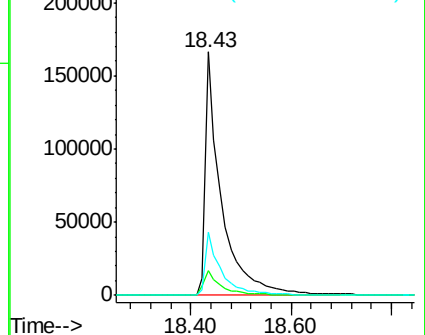
236 25.8 21.2 31.8



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: 83.19 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF087597.D

Acq: 1 Jun 2016 00:17

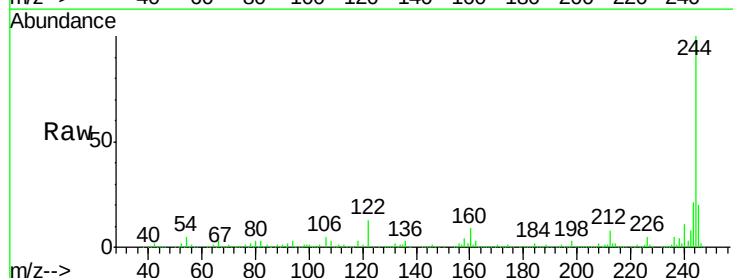
Tgt Ion:244 Resp: 1453880

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

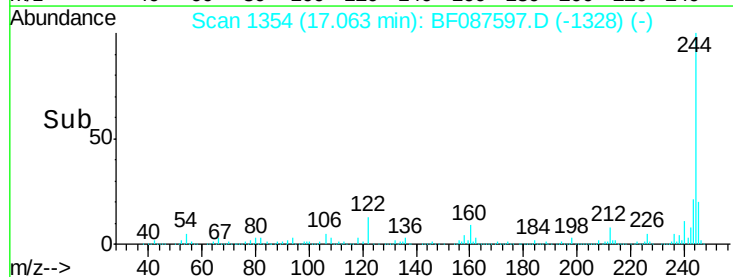
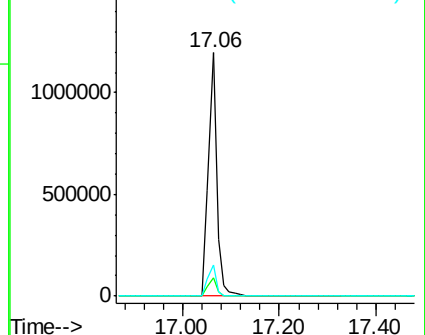
122 12.7 12.0 18.0

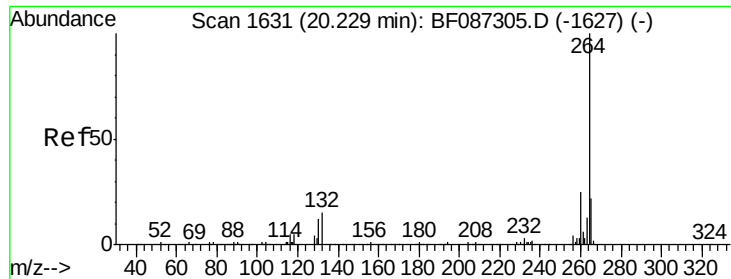


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.11 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF087597.D
 Acq: 1 Jun 2016 00:17

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1275+50(0-4)

Tot Ion:264 Resp: 304471
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 22.5 17.3 25.9

