

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087596.D
 Acq On : 31 May 2016 23:43
 Operator : UM/SJ
 Sample : H3268-09RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)RE

Quant Time: Jun 01 04:04:00 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

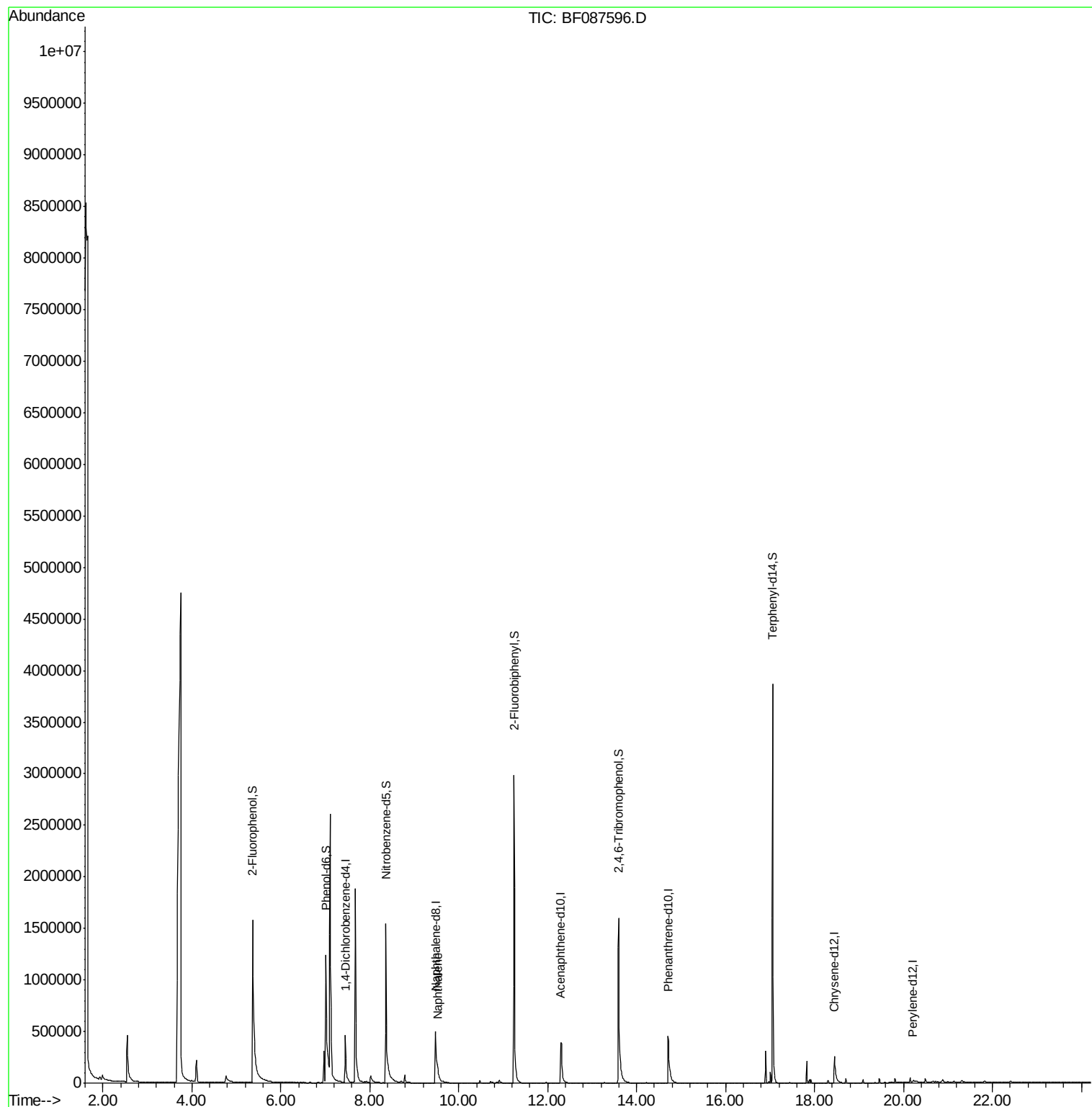
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	111884	20.00	ng	0.00
21) Naphthalene-d8	9.48	136	483576	20.00	ng	0.01
38) Acenaphthene-d10	12.30	164	145486	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	416455	20.00	ng	0.00
75) Chrysene-d12	18.45	240	187604	20.00	ng	0.02
86) Perylene-d12	20.21	264	1610	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	859543	134.99	ng	0.02
7) Phenol-d6	7.02	99	878338	102.09	ng	0.00
23) Nitrobenzene-d5	8.36	82	863441	89.99	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	329264	235.51	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1440741	139.61	ng	-0.01
78) Terphenyl-d14	17.06	244	1373889	155.69	ng	0.00
Target Compounds						
31) Naphthalene	9.52	128	176588	7.29	ng	Qvalue 99

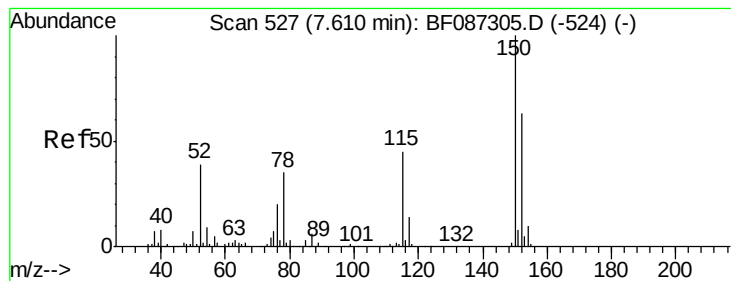
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 01 04:04:00 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: BF087596.D

Acq: 31 May 2016 23:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)RE

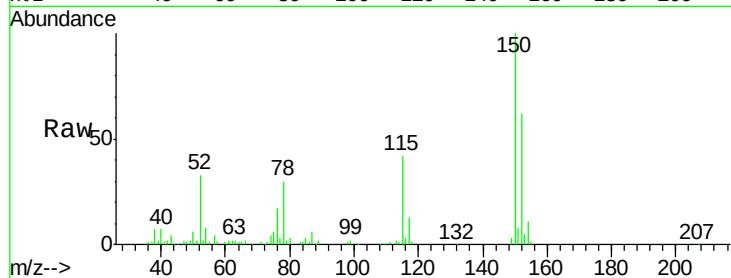
Tot Ion:152 Resp: 111884

Ion Ratio Lower Upper

152 100

150 161.9 125.8 188.6

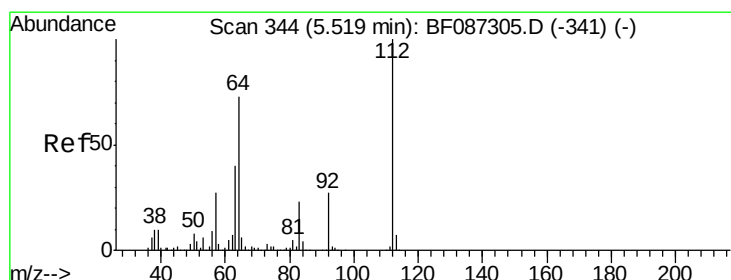
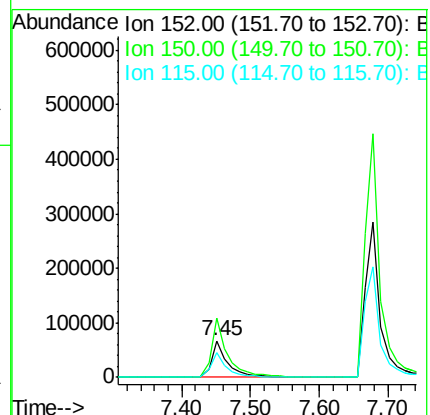
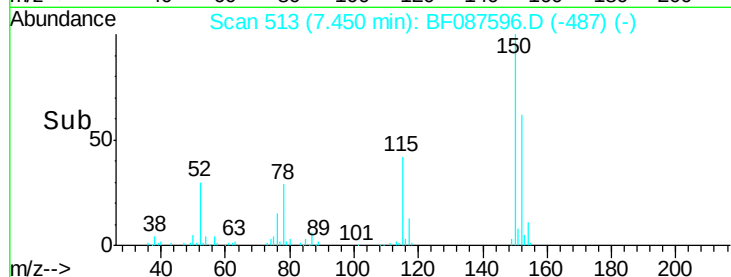
115 67.3 51.5 77.3



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: 134.99 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.02 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

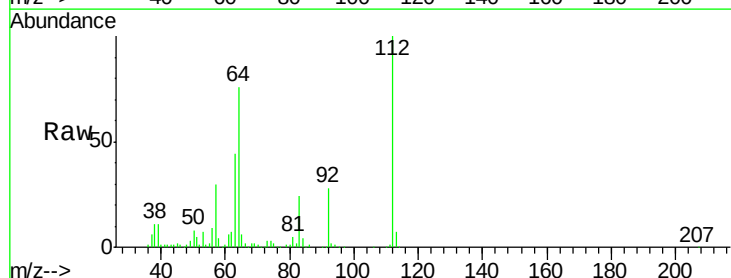
Tgt Ion:112 Resp: 859543

Ion Ratio Lower Upper

112 100

64 76.4 52.1 78.1

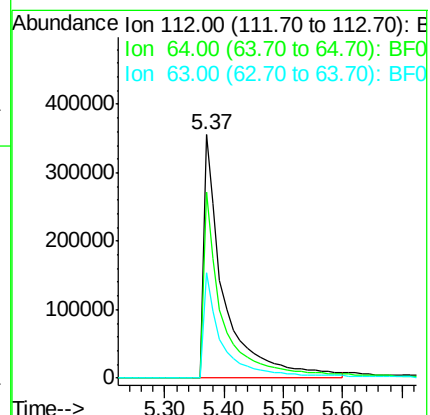
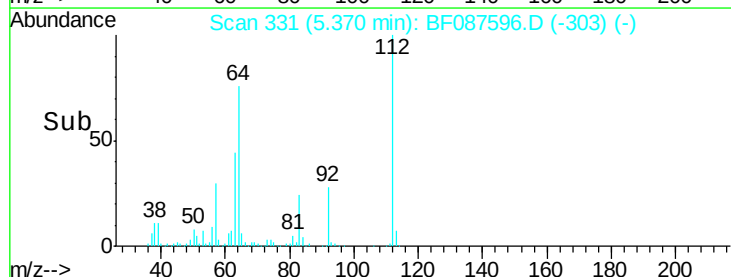
63 43.5 25.7 38.5

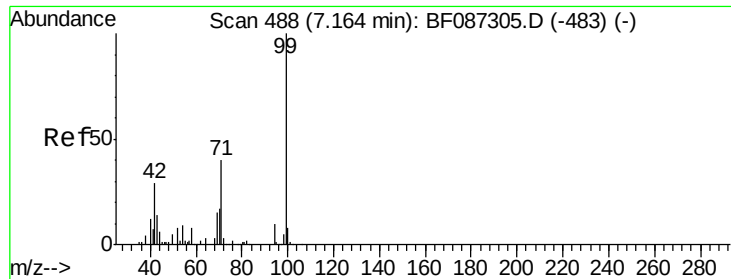


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.09 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)RE

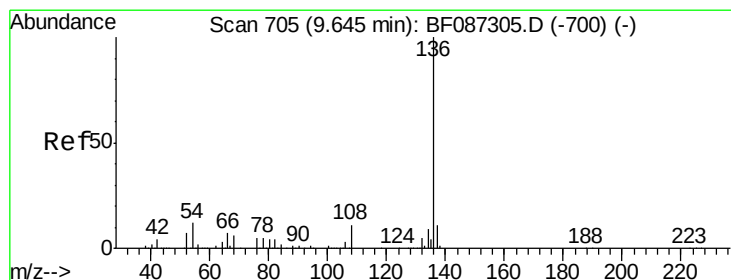
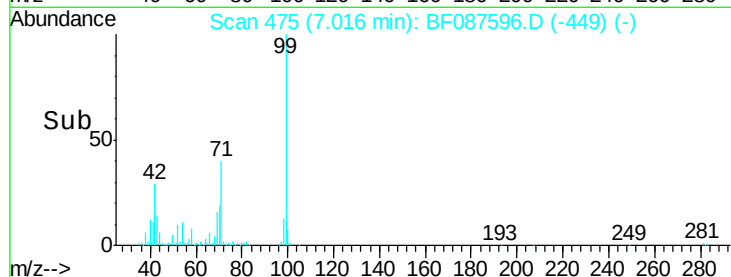
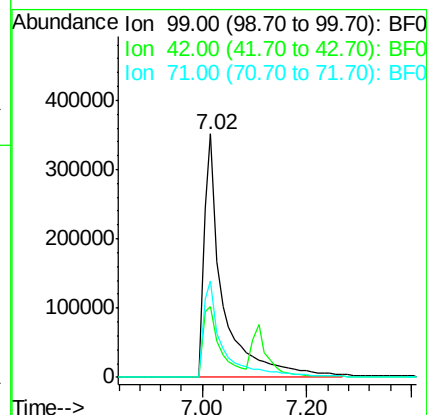
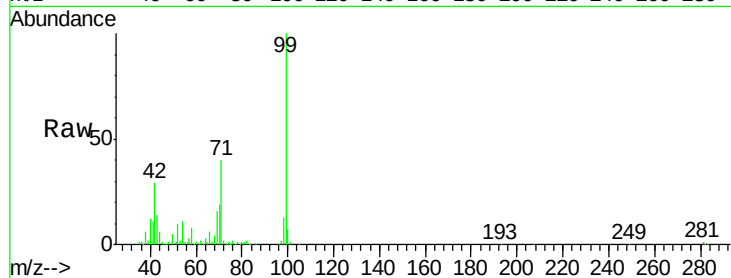
Tot Ion: 99 Resp: 878338

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

71 39.7 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

Tgt Ion: 136 Resp: 483576

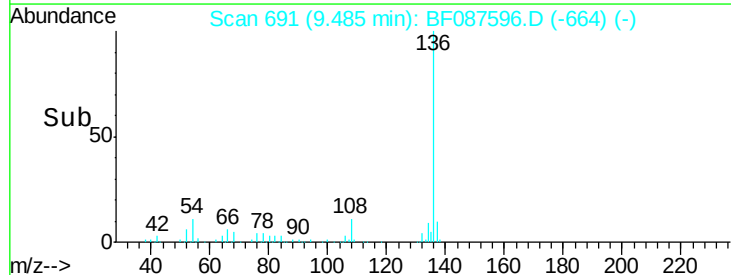
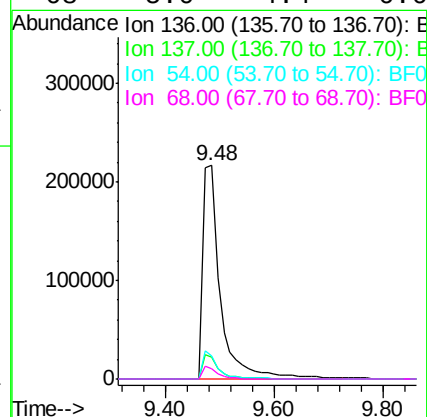
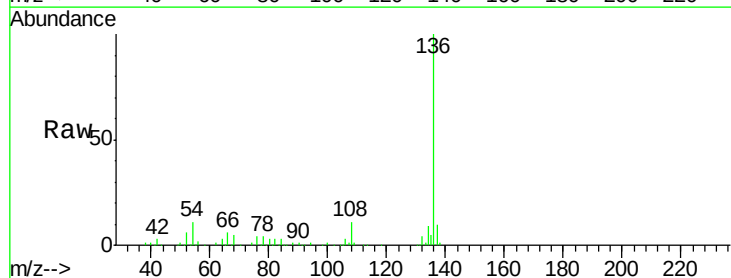
Ion Ratio Lower Upper

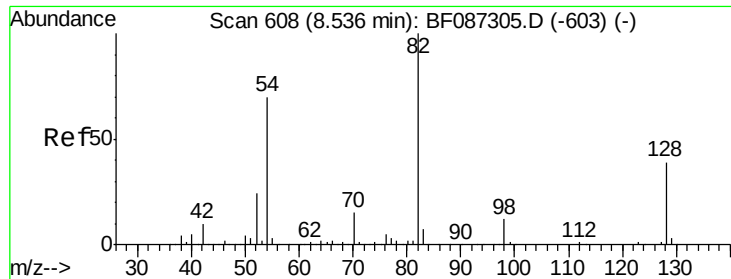
136 100

137 10.4 8.8 13.2

54 10.5 5.0 7.4#

68 5.0 4.4 6.6

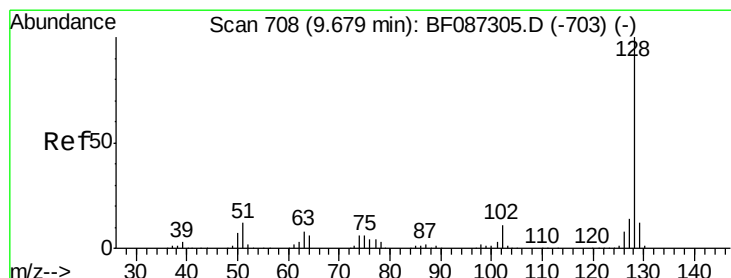
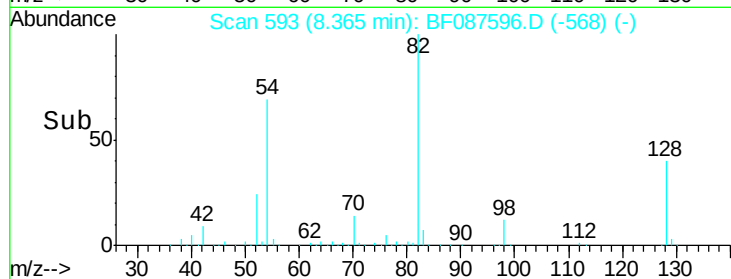
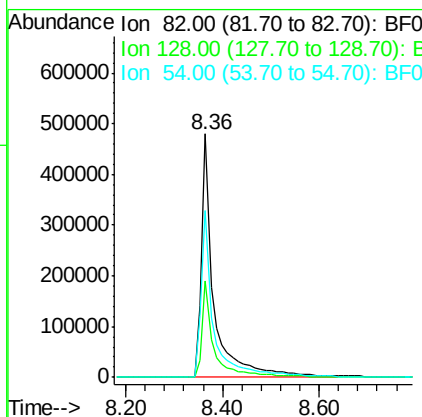
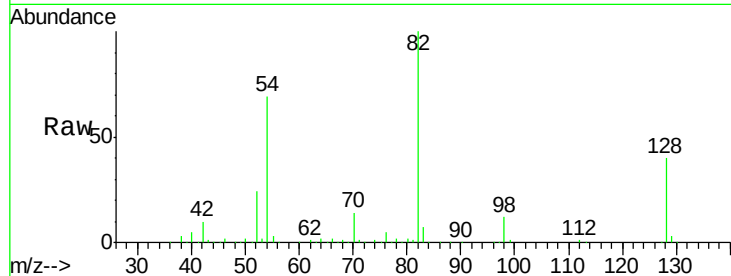




#23
Nitrobenzene-d5
Concen: 89.99 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

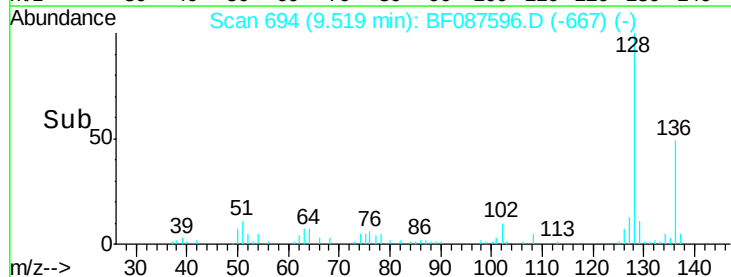
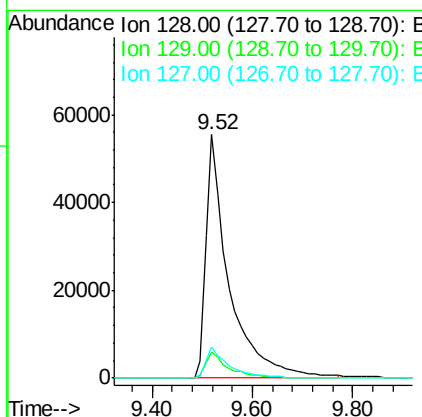
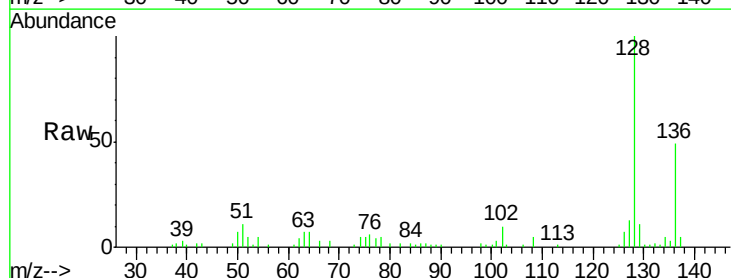
Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)RE

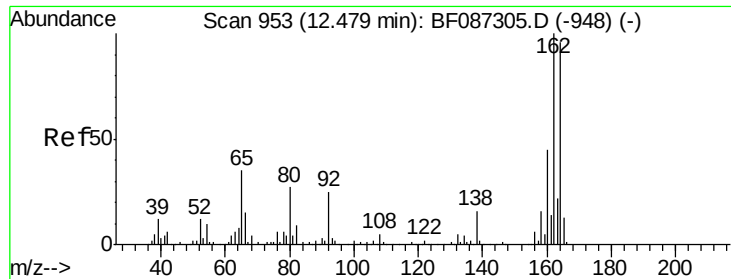
Tot Ion: 82 Resp: 863441
Ion Ratio Lower Upper
82 100
128 39.6 40.6 61.0#
54 68.8 38.1 57.1#



#31
Naphthalene
Concen: 7.29 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Tgt Ion:128 Resp: 176588
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 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: BF087596.D

Acq: 31 May 2016 23:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)RE

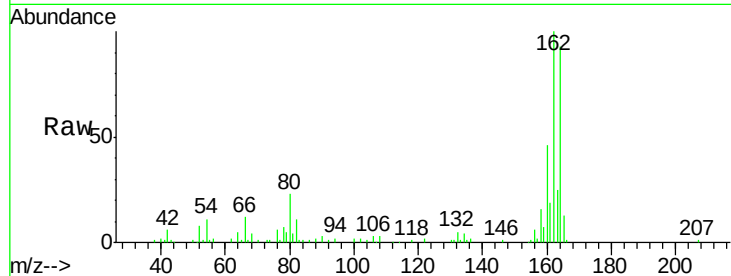
Tot Ion:164 Resp: 145486

Ion Ratio Lower Upper

164 100

162 107.6 82.8 124.2

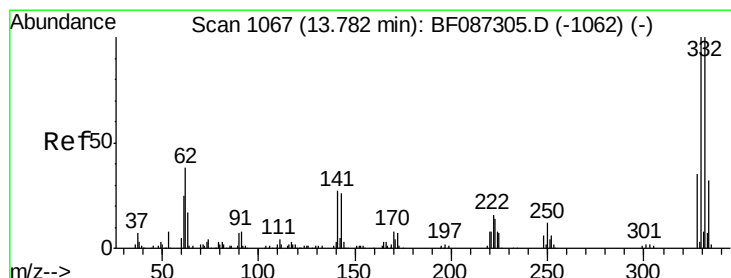
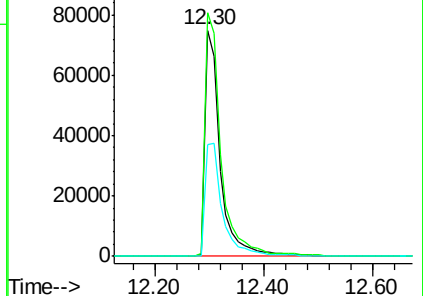
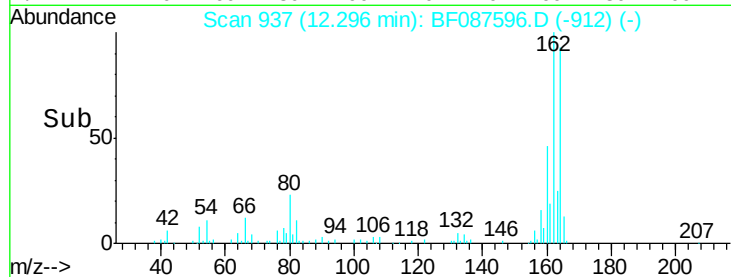
160 49.5 36.9 55.3



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: 235.51 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

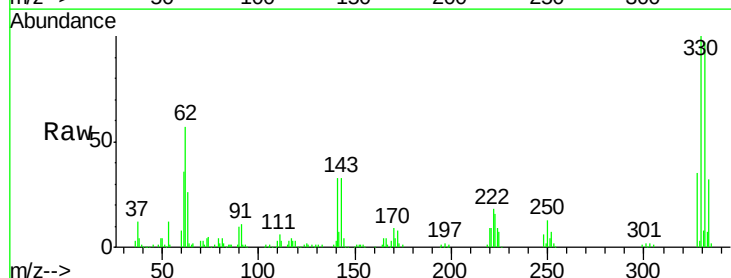
Tgt Ion:330 Resp: 329264

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

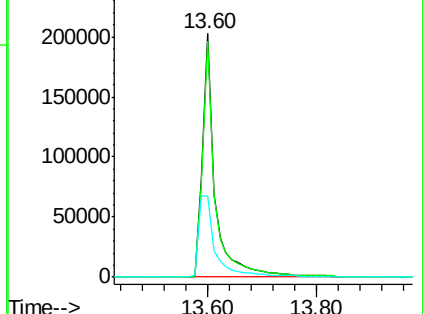
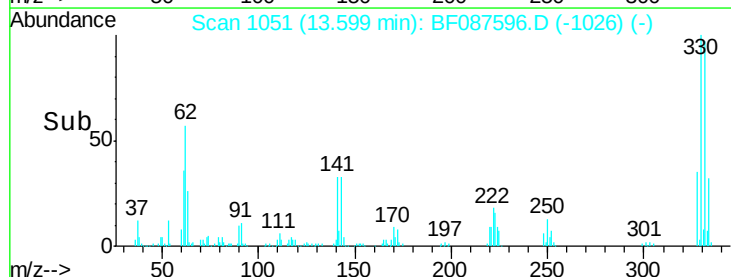
141 43.7 31.2 46.8

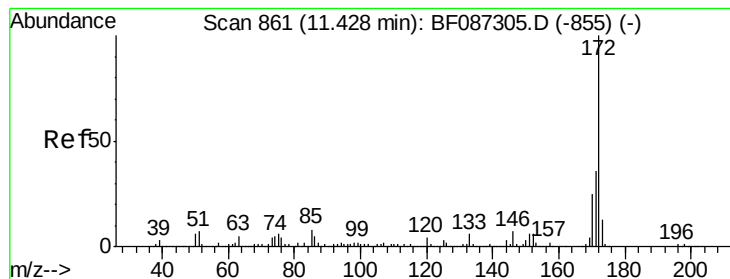


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

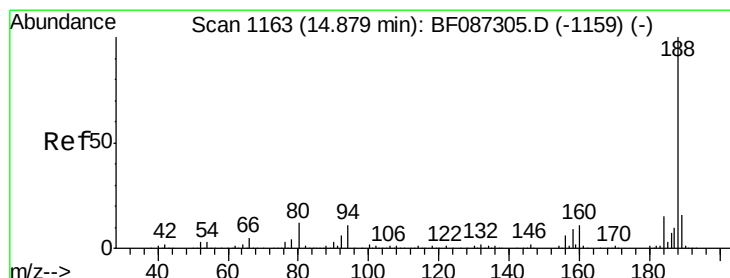
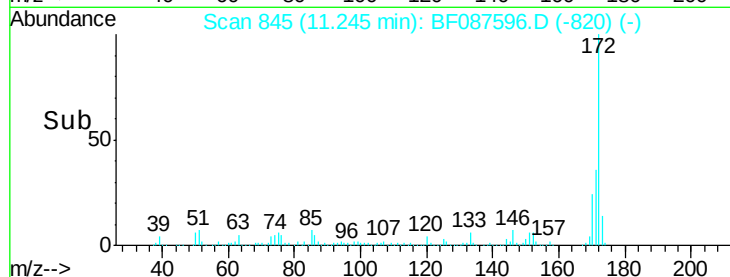
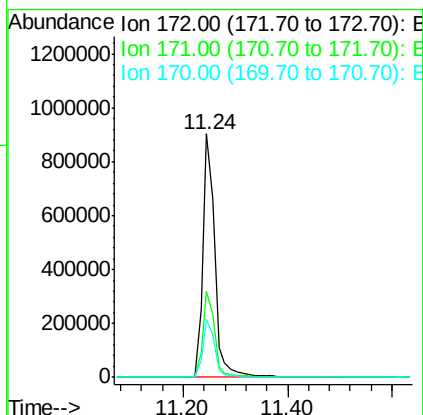
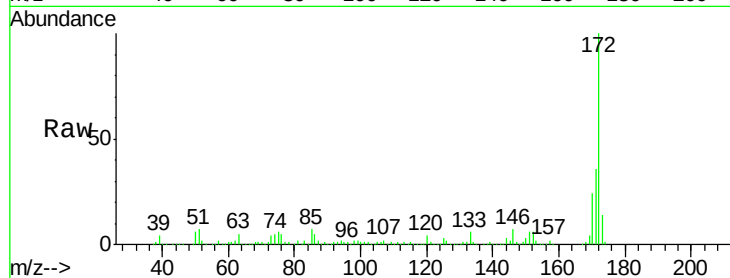




#44
 2-Fluorobiphenyl
 Concen: 139.61 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087596.D
 Acq: 31 May 2016 23:43

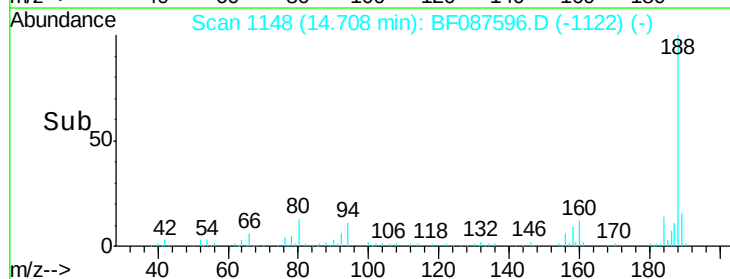
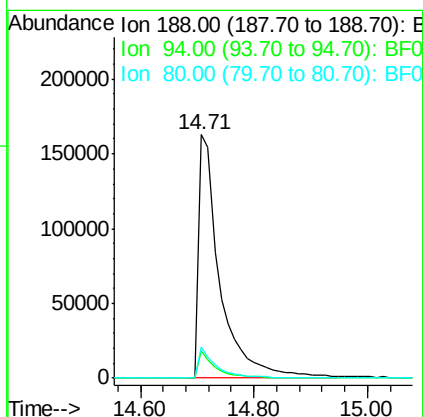
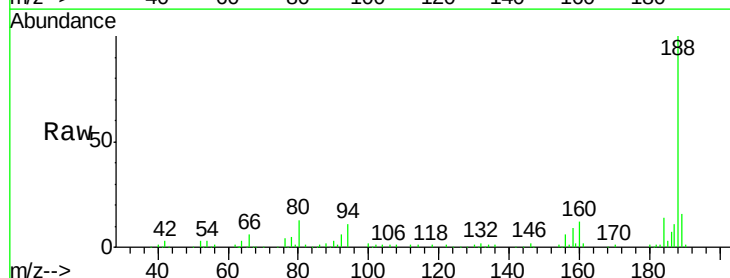
Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)RE

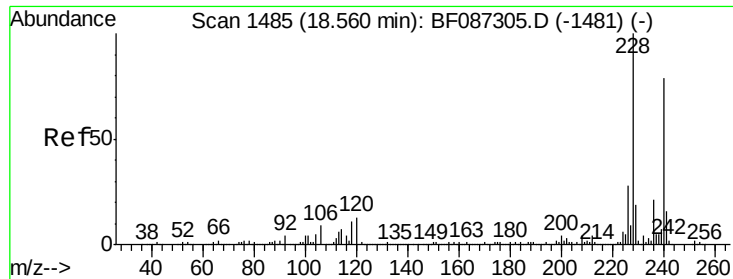
Tot Ion:172 Resp: 1440741
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.1 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF087596.D
 Acq: 31 May 2016 23:43

Tgt Ion:188 Resp: 416455
 Ion Ratio Lower Upper
 188 100
 94 11.1 6.8 10.2#
 80 12.6 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)RE

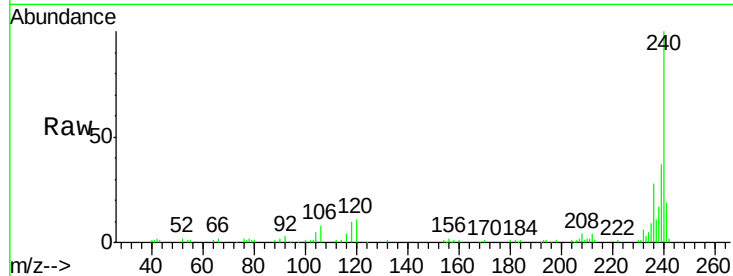
Tot Ion:240 Resp: 187604

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

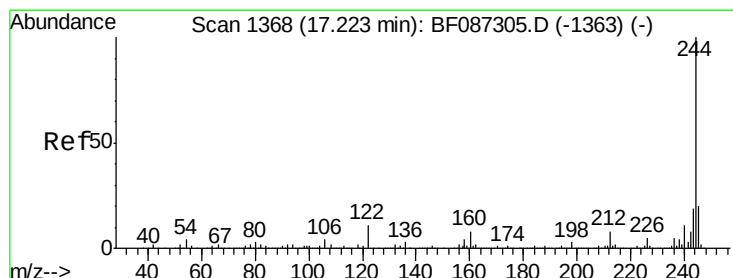
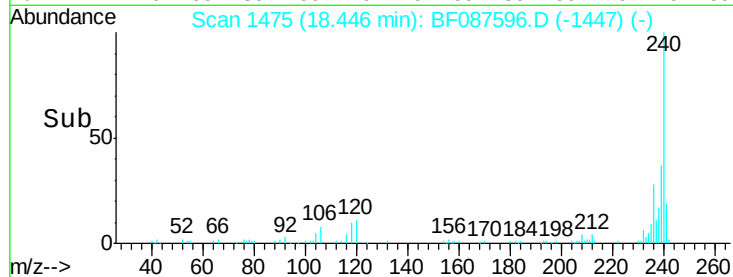
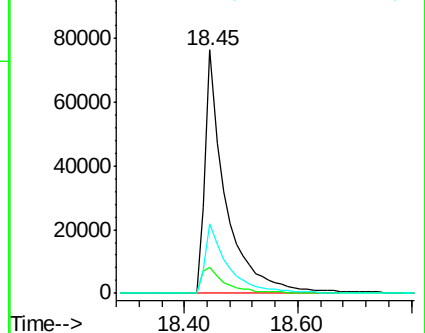
236 28.5 21.2 31.8



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: 155.69 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF087596.D

Acq: 31 May 2016 23:43

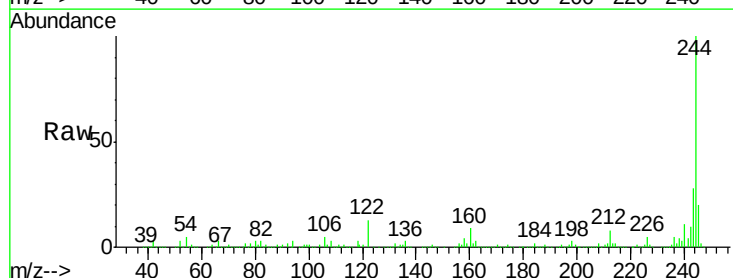
Tgt Ion:244 Resp: 1373889

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

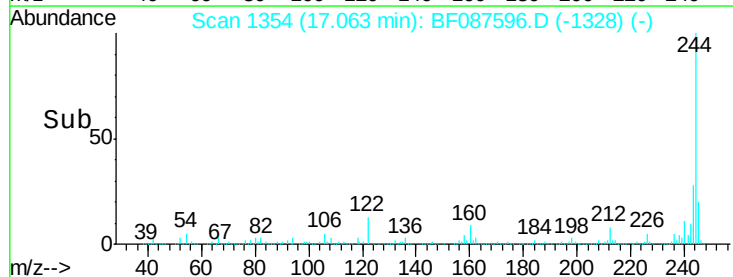
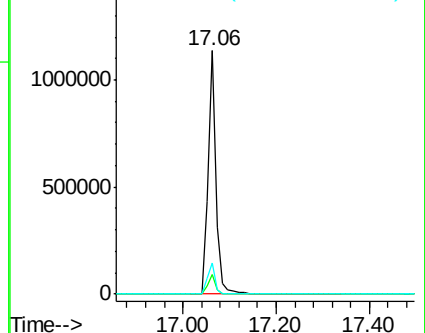
122 12.6 12.0 18.0

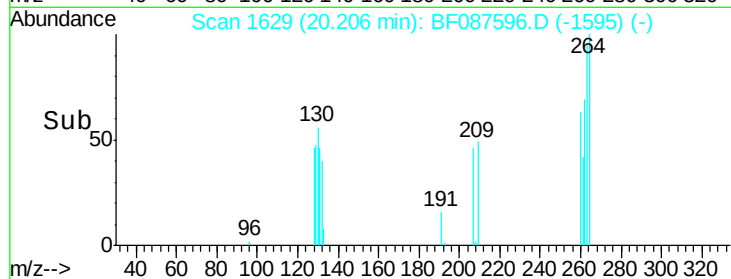
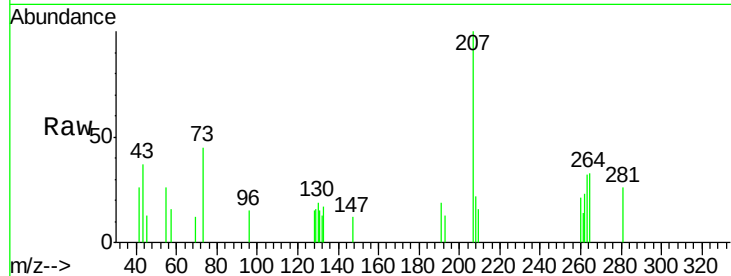
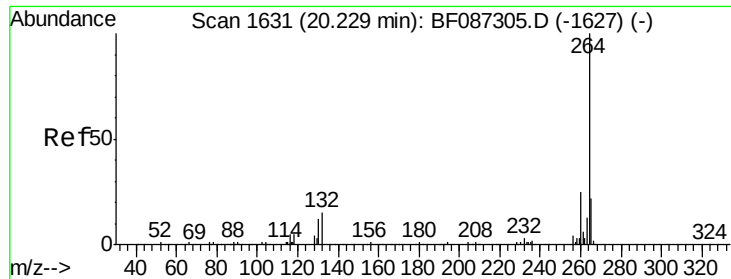


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.21 min Scan# 1629
Delta R.T. 0.09 min
Lab File: BF087596.D
Acq: 31 May 2016 23:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)RE

Tot Ion: 264 Resp: 1610
Ion Ratio Lower Upper
264 100
260 62.7 19.5 29.3#
265 0.0 17.3 25.9#

