

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089397.D
 Acq On : 29 Jul 2016 7:53
 Operator : UM/SJ
 Sample : PB92528TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92528TB

Quant Time: Jul 29 08:18:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	44904	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	176379	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	79151	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	120822	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	95195	20.00	ng	-0.02
86) Perylene-d12	14.98	264	76004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	392643	139.62	ng	0.00
7) Phenol-d6	6.18	99	499491	134.40	ng	-0.02
23) Nitrobenzene-d5	7.10	82	299869	100.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	71562	109.16	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	505687	93.76	ng	-0.02
78) Terphenyl-d14	12.61	244	335145	82.40	ng	-0.02

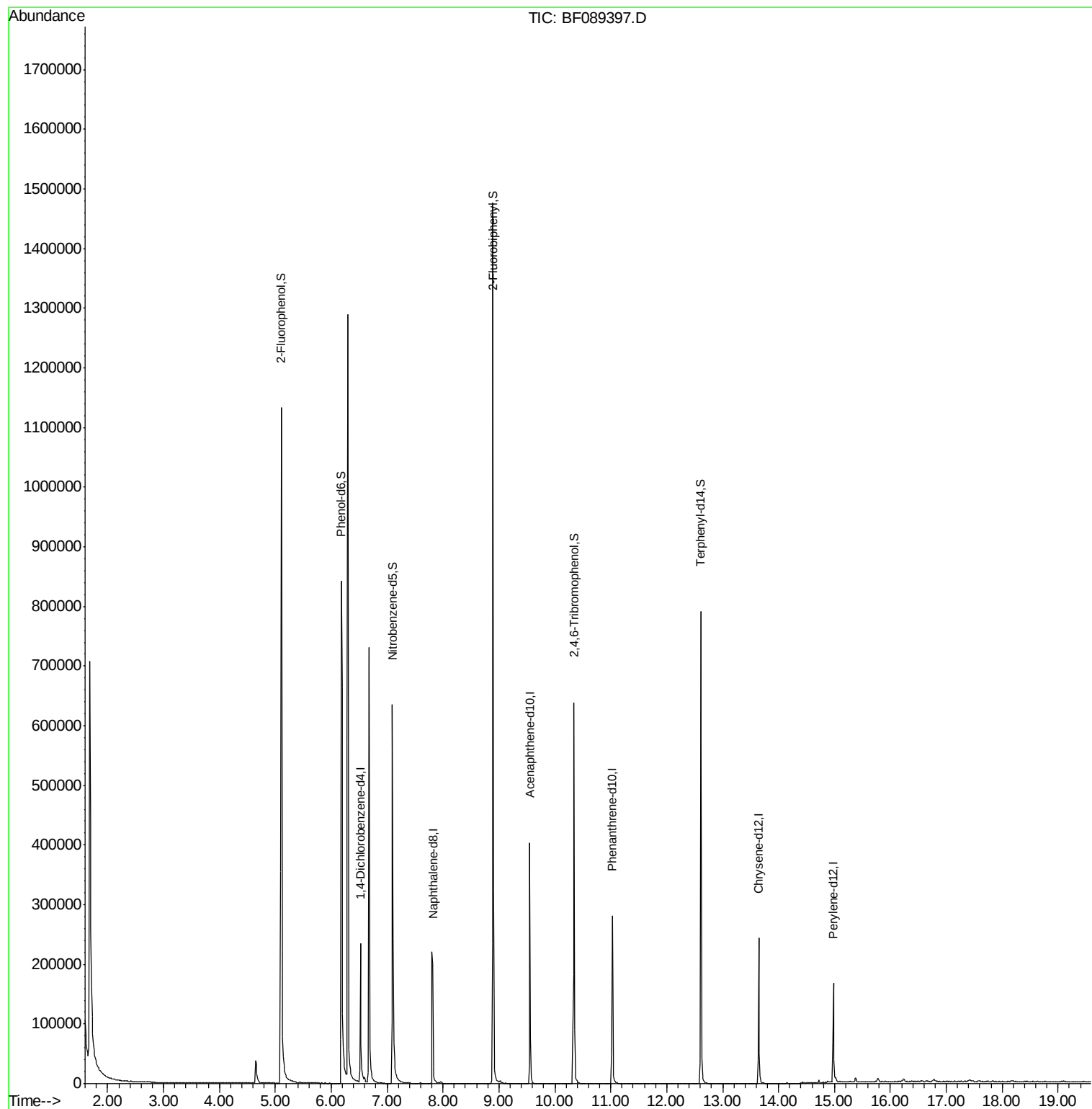
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089397.D
Acq On : 29 Jul 2016 7:53
Operator : UM/SJ
Sample : PB92528TB
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92528TB

Quant Time: Jul 29 08:18:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB92528TB

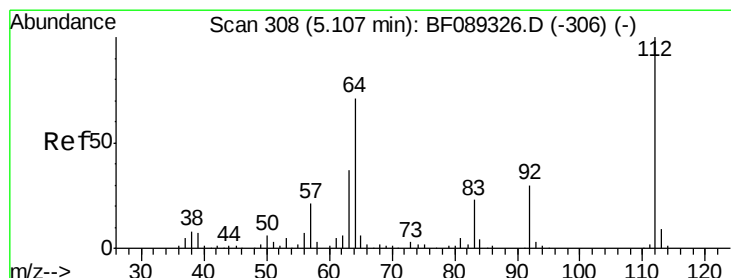
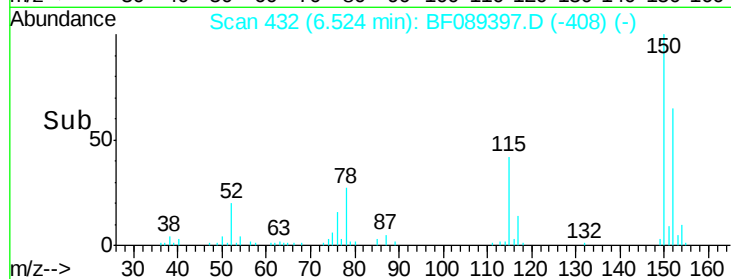
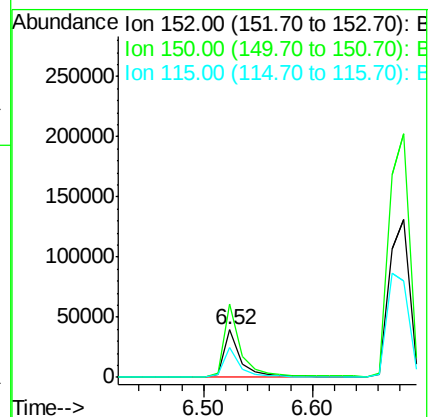
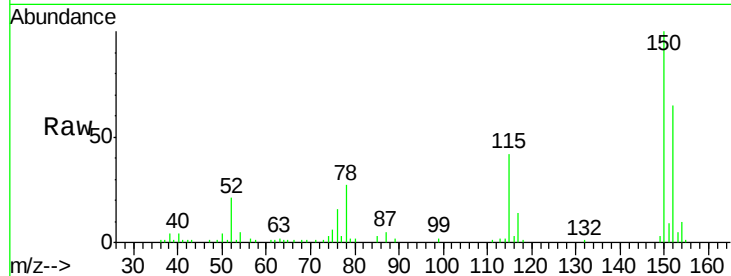
Tgt Ion:152 Resp: 44904

Ion Ratio Lower Upper

152 100

150 153.8 129.5 194.3

115 64.2 51.4 77.2



#5

2-Fluorophenol

Concen: 139.62 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

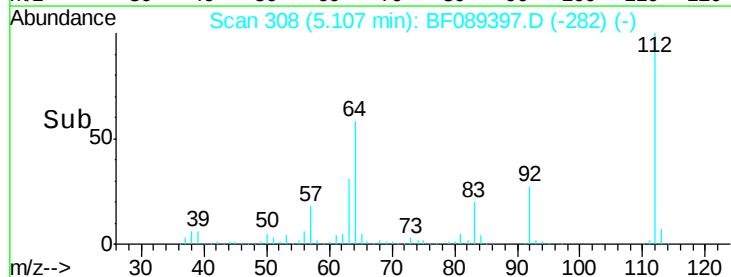
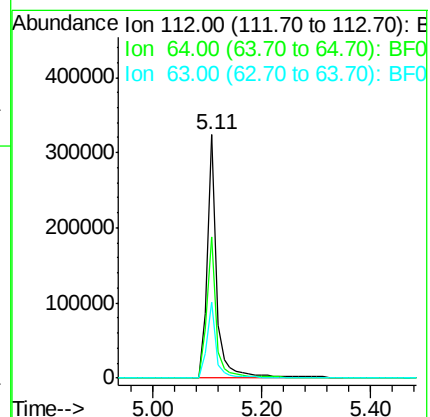
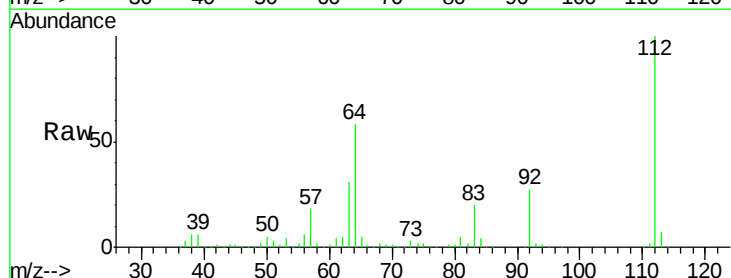
Tgt Ion:112 Resp: 392643

Ion Ratio Lower Upper

112 100

64 57.9 55.0 82.6

63 31.2 29.4 44.2





#7

Phenol-d6

Concen: 134.40 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB92528TB

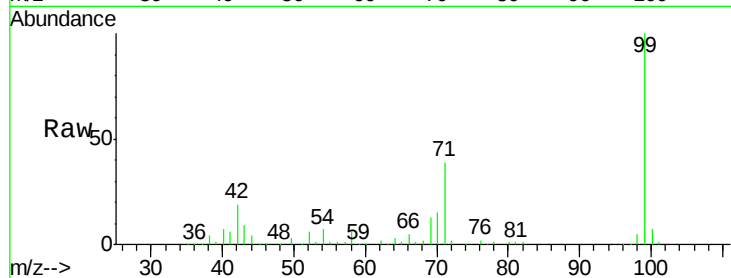
Tgt Ion: 99 Resp: 499491

Ion Ratio Lower Upper

99 100

42 18.5 13.6 20.4

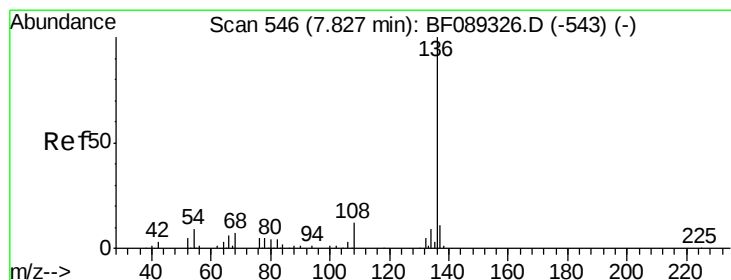
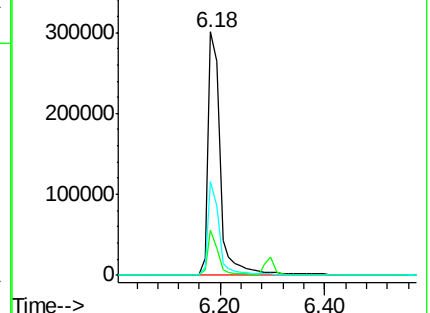
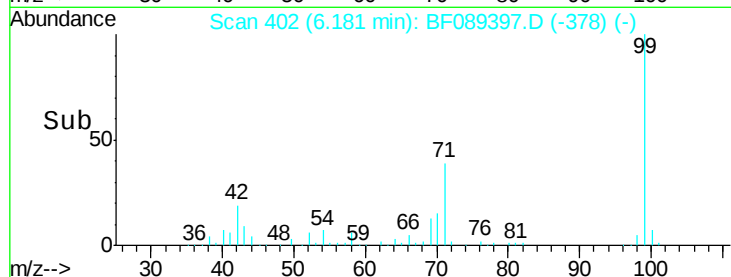
71 38.5 29.4 44.2



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: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

Tgt Ion: 136 Resp: 176379

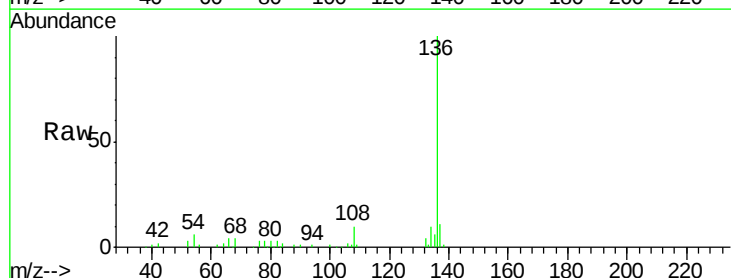
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.6 7.0 10.4#

68 4.4 4.9 7.3#

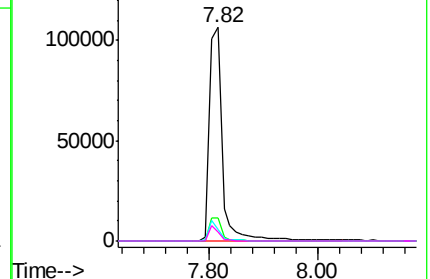
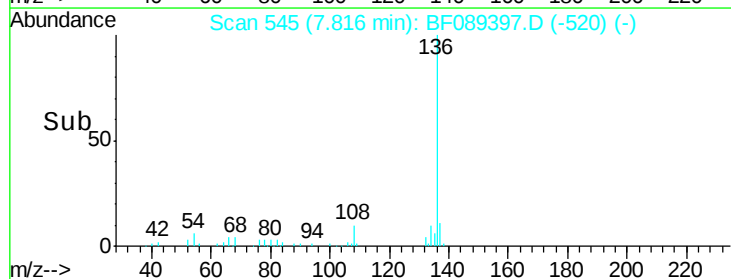


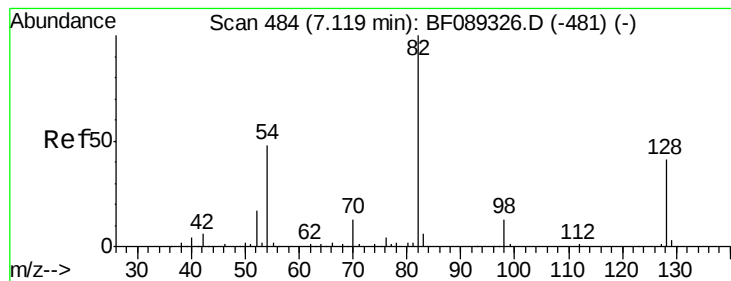
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.35 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB92528TB

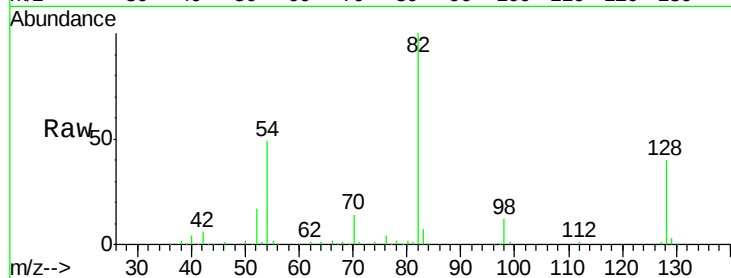
Tgt Ion: 82 Resp: 299869

Ion Ratio Lower Upper

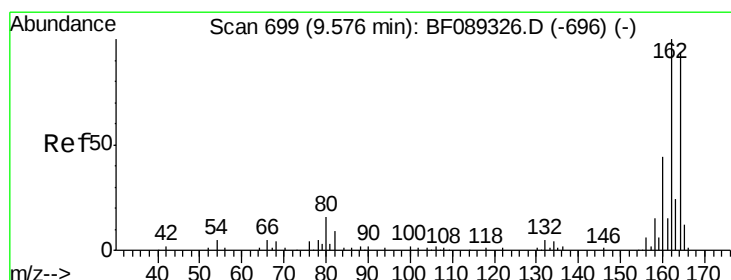
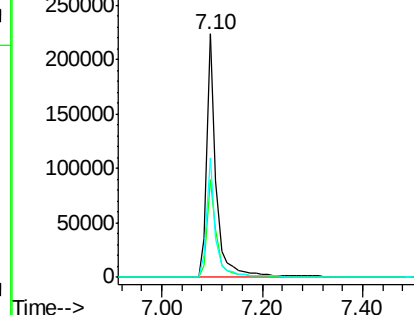
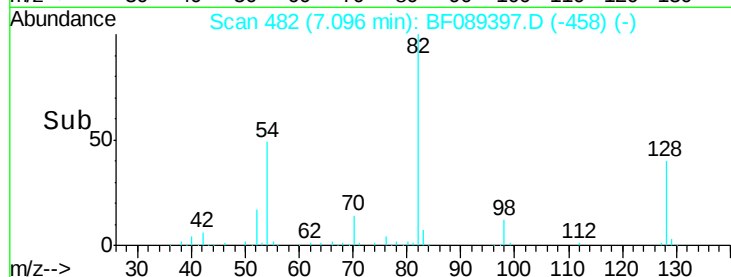
82 100

128 40.2 32.5 48.7

54 49.3 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

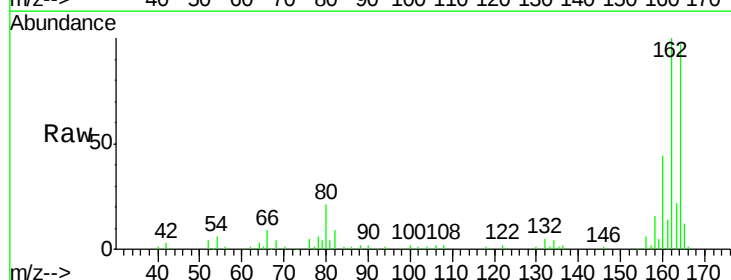
Tgt Ion: 164 Resp: 79151

Ion Ratio Lower Upper

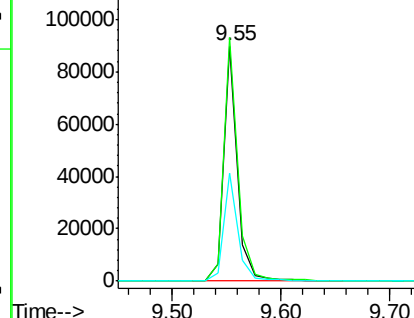
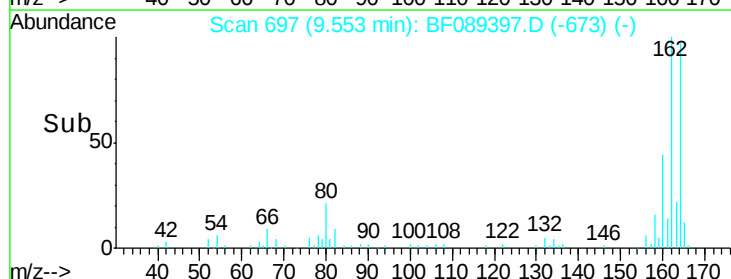
164 100

162 103.5 83.7 125.5

160 45.9 37.8 56.6



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

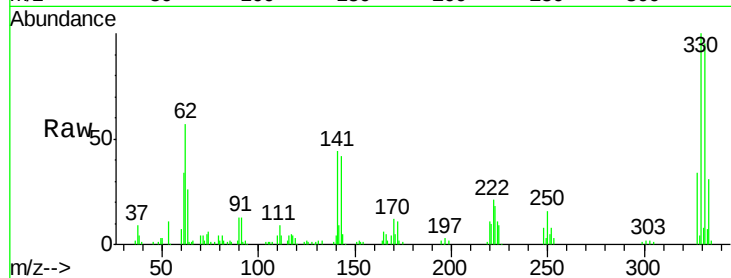




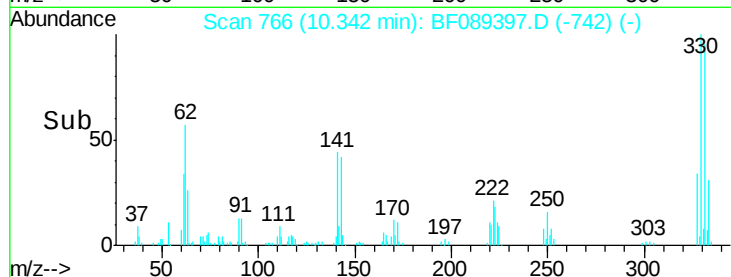
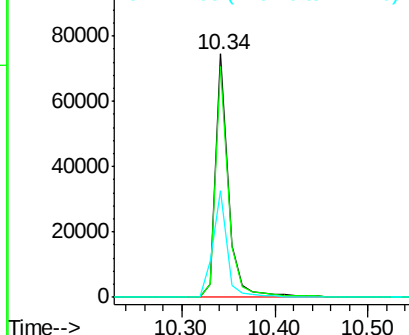
#41
 2,4,6-Tribromophenol
 Concen: 109.16 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92528TB

Tgt Ion:330 Resp: 71562
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 48.5 37.3 55.9

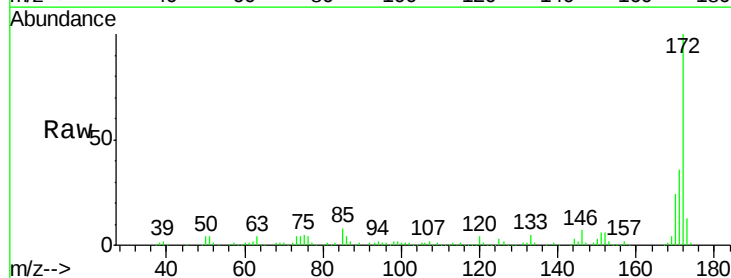


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

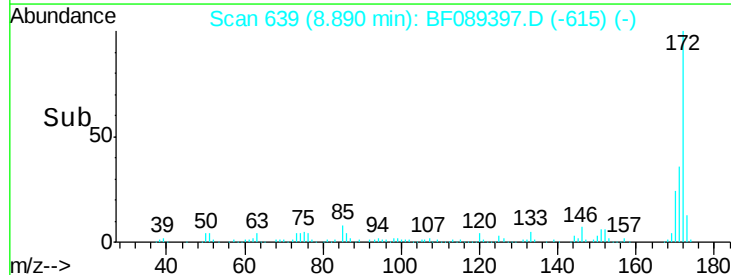
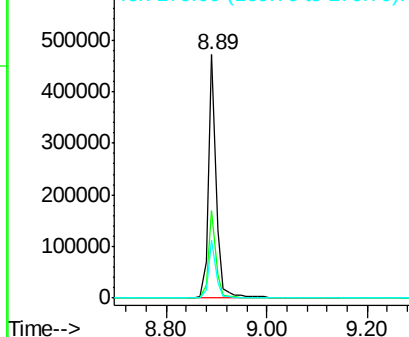


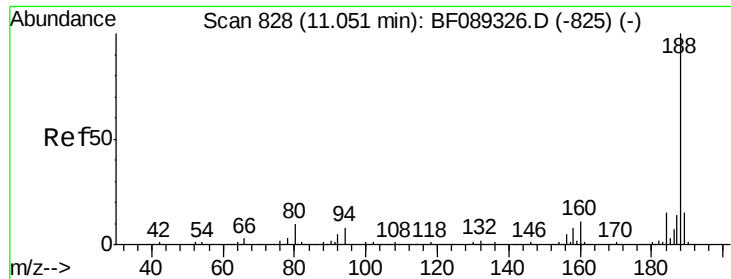
#44
 2-Fluorobiphenyl
 Concen: 93.76 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

Tgt Ion:172 Resp: 505687
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 24.1 19.2 28.8



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

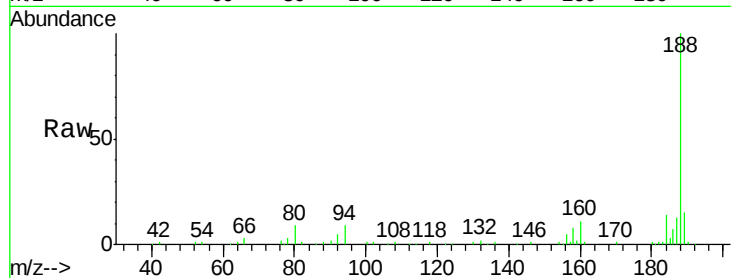




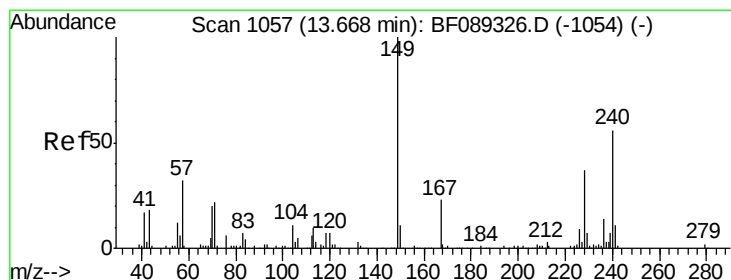
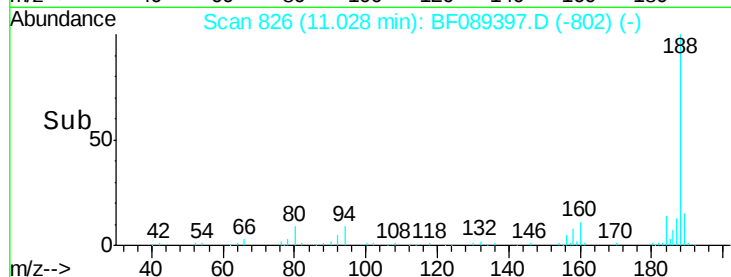
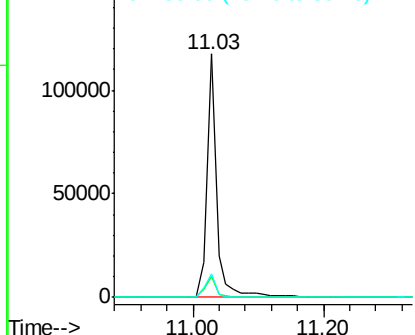
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089397.D
Acq: 29 Jul 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB92528TB

Tgt Ion:188 Resp: 120822
Ion Ratio Lower Upper
188 100
94 8.6 6.5 9.7
80 9.4 7.2 10.8

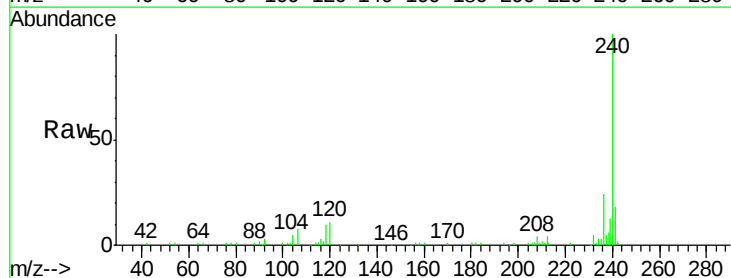


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

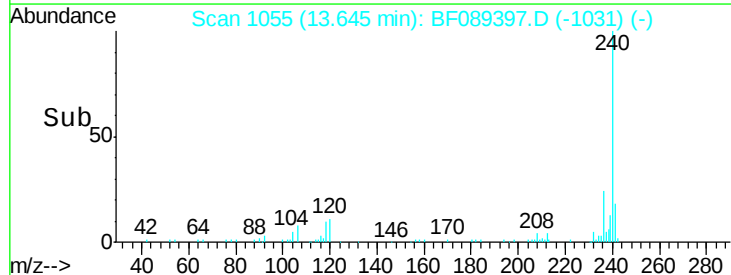
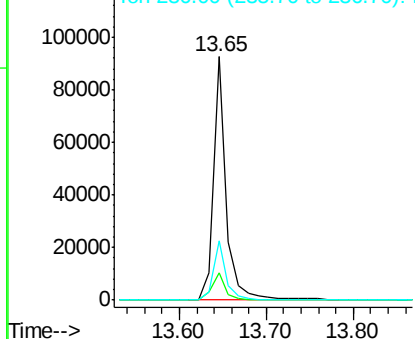


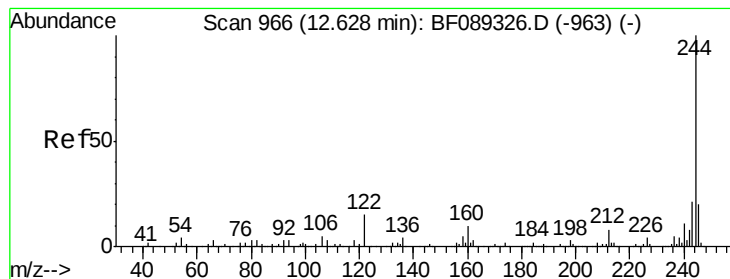
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089397.D
Acq: 29 Jul 2016 7:53

Tgt Ion:240 Resp: 95195
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 24.1 20.6 30.8



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: 82.40 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB92528TB

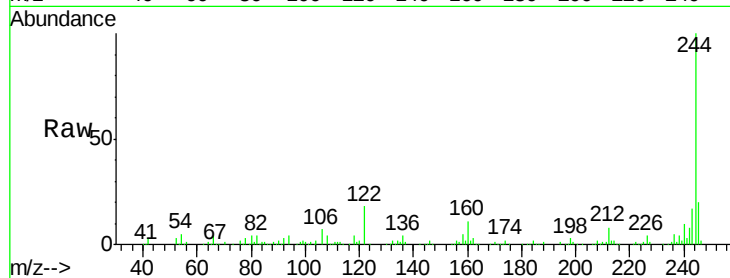
Tgt Ion:244 Resp: 335145

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

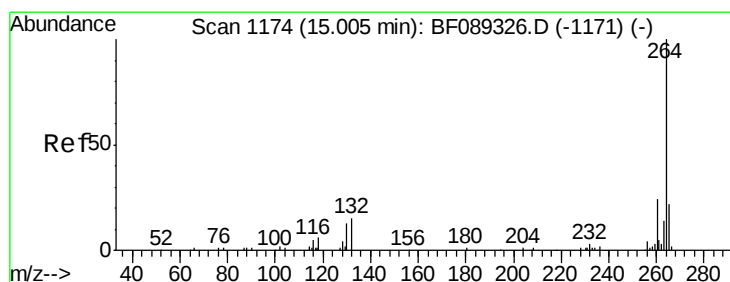
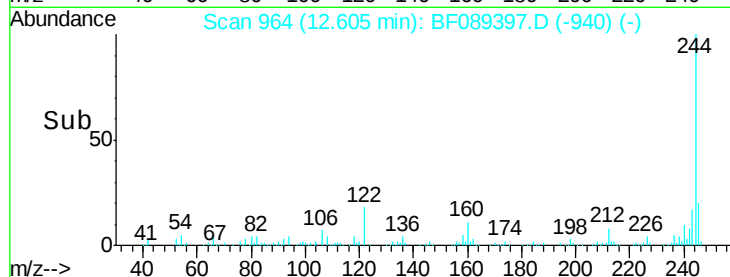
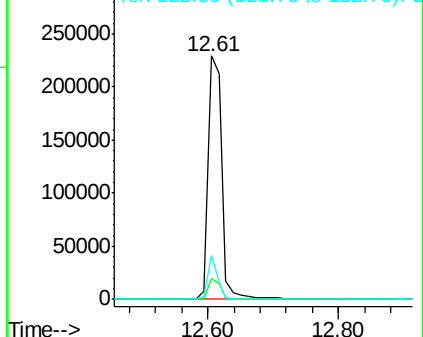
122 18.2 11.4 17.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

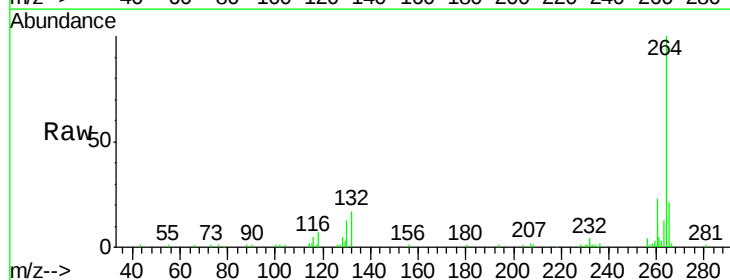
Tgt Ion:264 Resp: 76004

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

