

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089405.D
 Acq On : 29 Jul 2016 11:47
 Operator : UM/SJ
 Sample : H4186-28
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-7

Quant Time: Jul 29 15:43:03 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

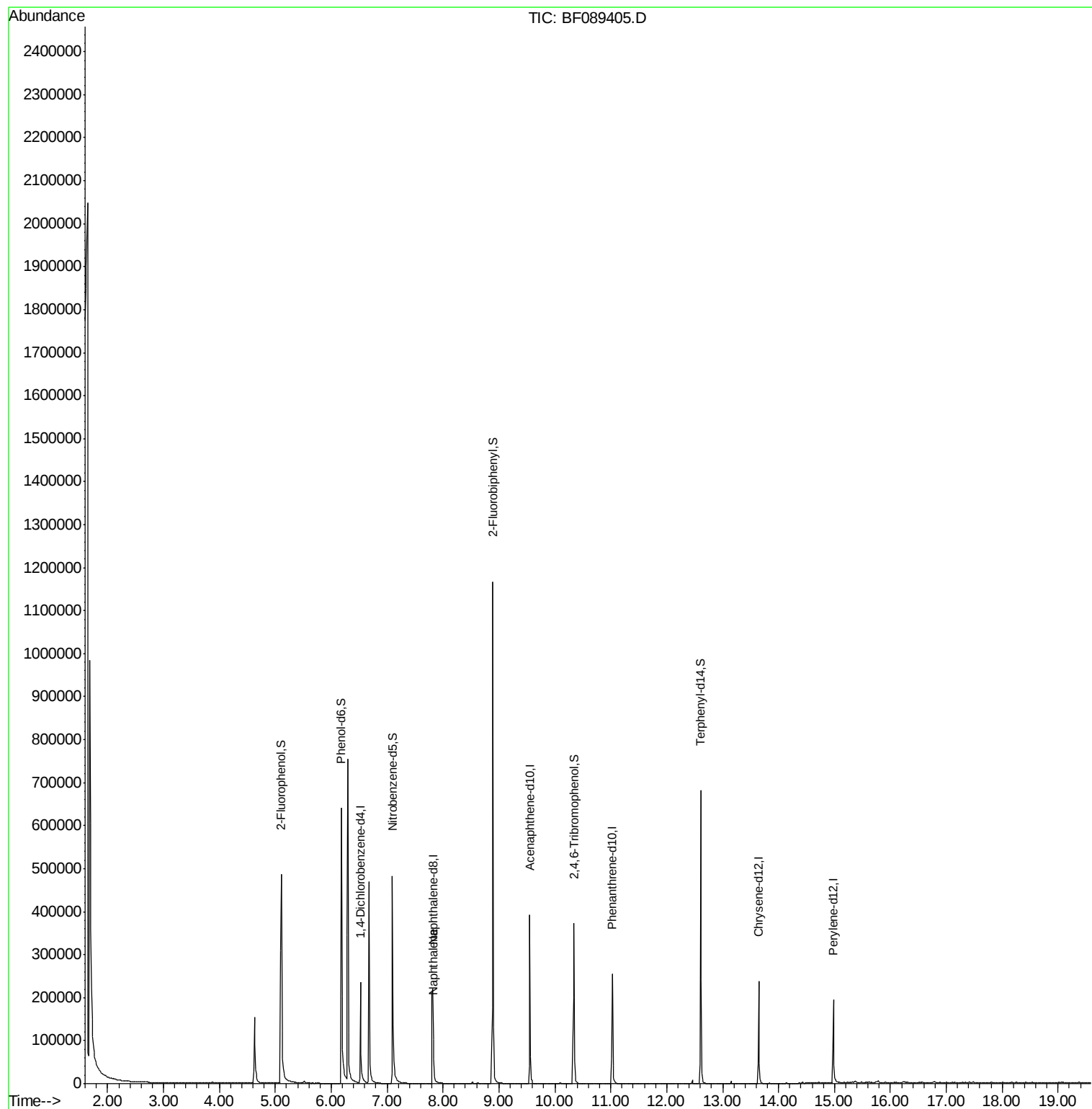
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	45252	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	175651	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	75802	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	113481	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	91982	20.00	ng	-0.02
86) Perylene-d12	14.98	264	86544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	232160	81.92	ng	0.00
7) Phenol-d6	6.18	99	289376	77.26	ng	-0.02
23) Nitrobenzene-d5	7.10	82	209204	70.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	51043	81.30	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	372131	72.05	ng	-0.02
78) Terphenyl-d14	12.61	244	231552	58.92	ng	-0.02
Target Compounds						
31) Naphthalene	7.83	128	51278	5.90	ng	Qvalue 99

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089405.D
Acq On : 29 Jul 2016 11:47
Operator : UM/SJ
Sample : H4186-28
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-7

Quant Time: Jul 29 15:43:03 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: BF089405.D

Acq: 29 Jul 2016 11:47

Instrument :

BNA_F

ClientSampleId :

I-7

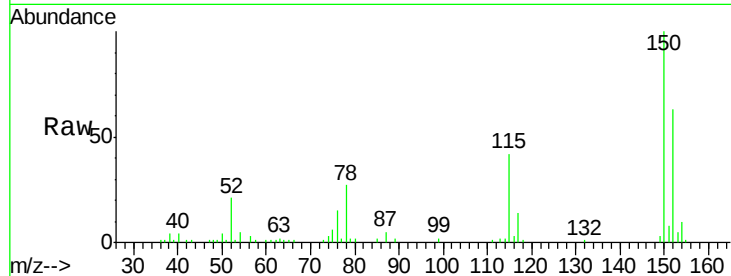
Tgt Ion:152 Resp: 45252

Ion Ratio Lower Upper

152 100

150 158.5 129.5 194.3

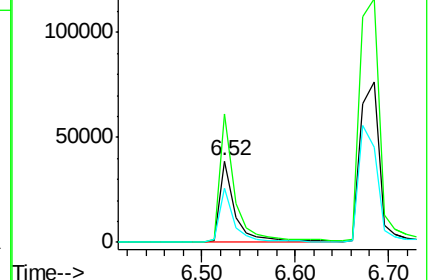
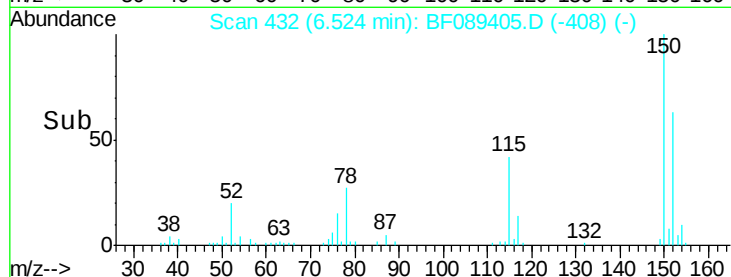
115 66.2 51.4 77.2



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: 81.92 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089405.D

Acq: 29 Jul 2016 11:47

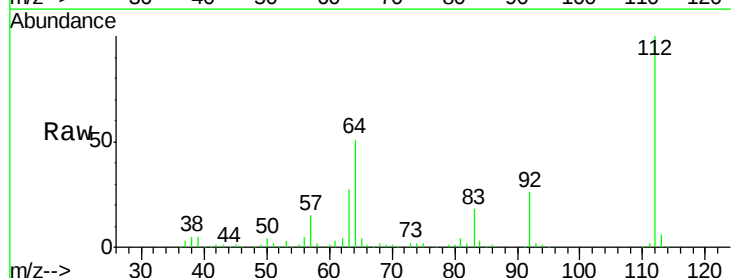
Tgt Ion:112 Resp: 232160

Ion Ratio Lower Upper

112 100

64 51.5 55.0 82.6#

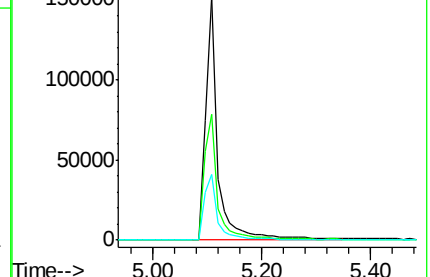
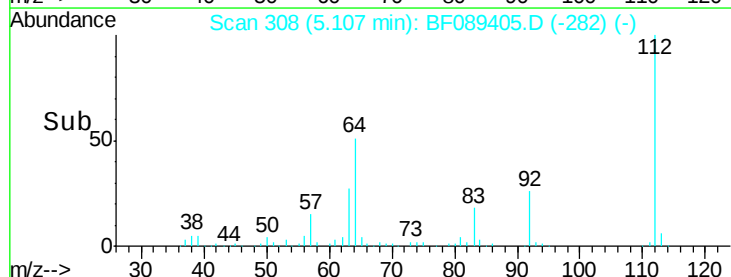
63 27.2 29.4 44.2#



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: 77.26 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089405.D

Acq: 29 Jul 2016 11:47

Instrument :

BNA_F

ClientSampleId :

I-7

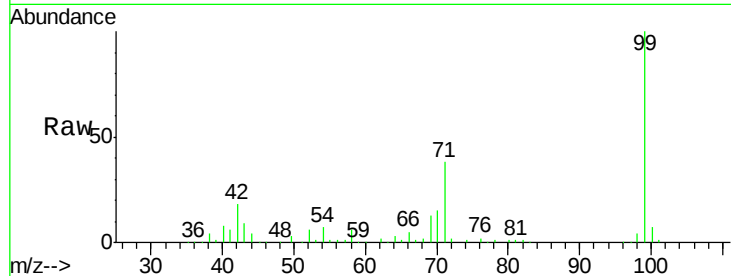
Tgt Ion: 99 Resp: 289376

Ion Ratio Lower Upper

99 100

42 18.5 13.6 20.4

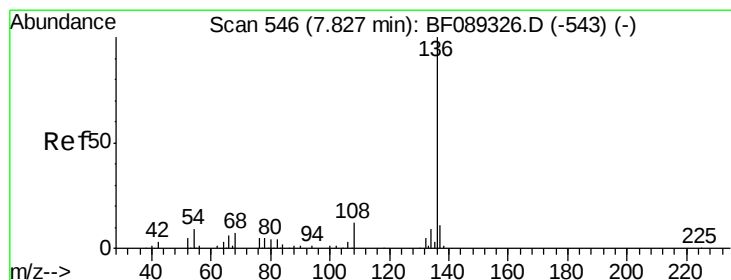
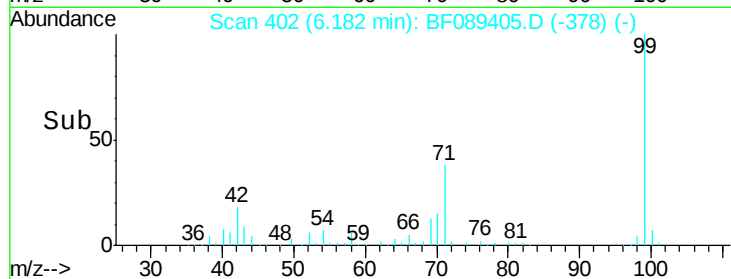
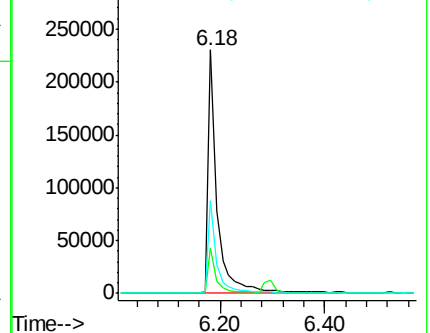
71 38.1 29.4 44.2



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: BF089405.D

Acq: 29 Jul 2016 11:47

Tgt Ion: 136 Resp: 175651

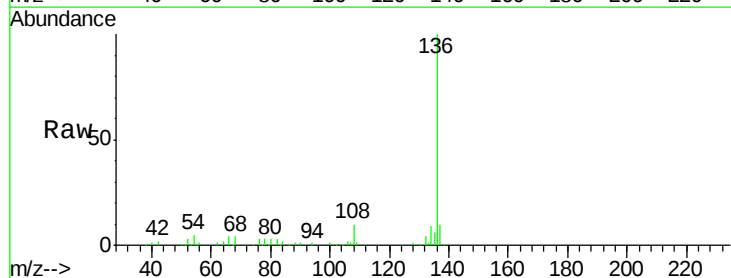
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.4 7.0 10.4#

68 4.3 4.9 7.3#

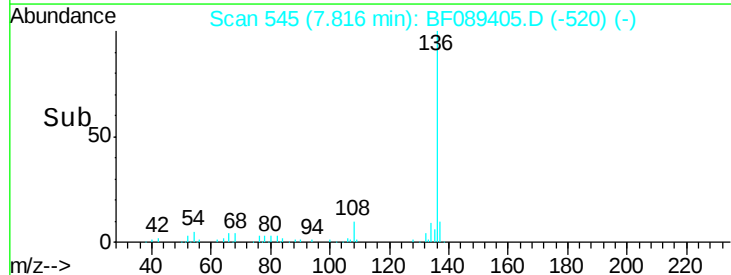
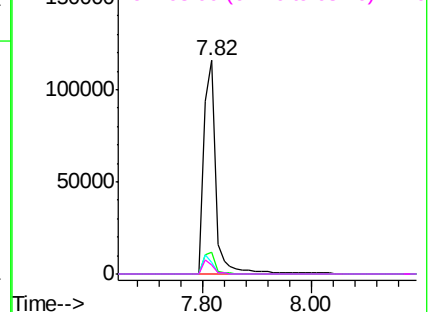


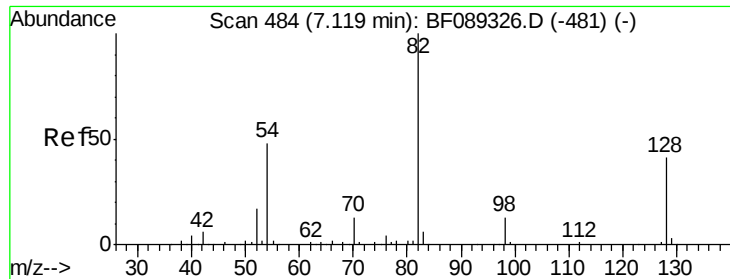
Abundance Ion 136.00 (135.70 to 136.70): E

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

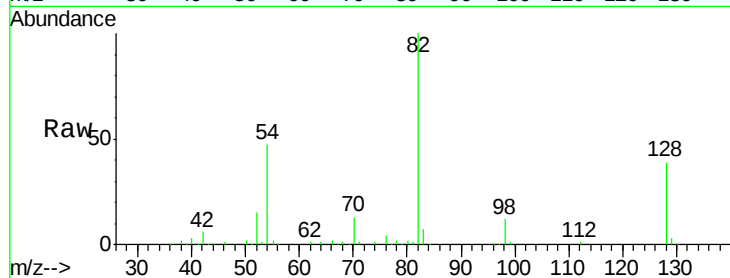




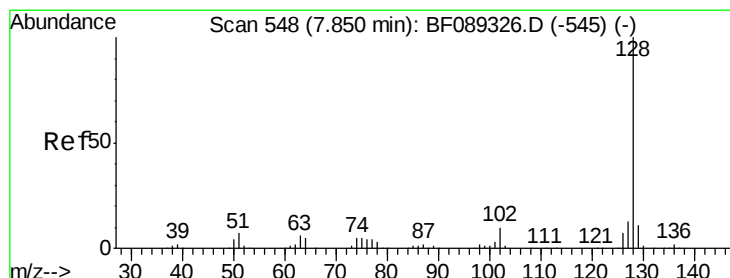
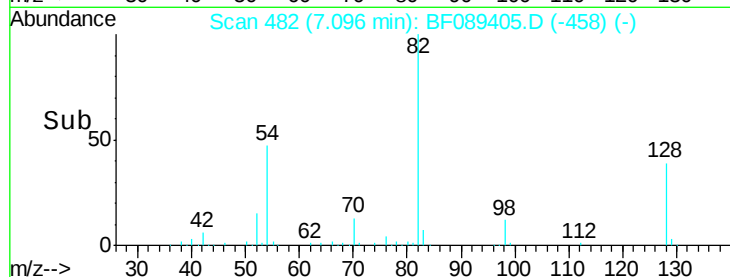
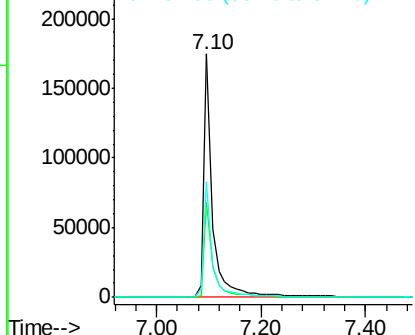
#23
 Nitrobenzene-d5
 Concen: 70.30 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089405.D
 Acq: 29 Jul 2016 11:47

Instrument :
 BNA_F
 ClientSampleId :
 I-7

Tgt Ion: 82 Resp: 209204
 Ion Ratio Lower Upper
 82 100
 128 39.1 32.5 48.7
 54 47.3 38.8 58.2

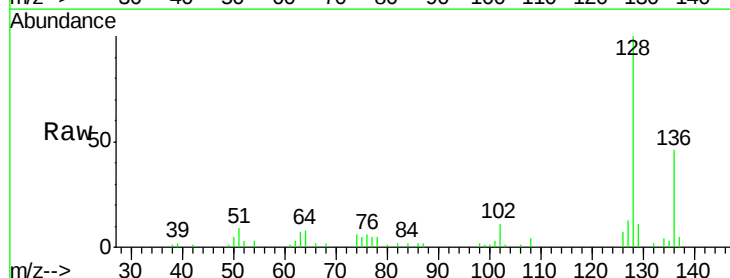


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

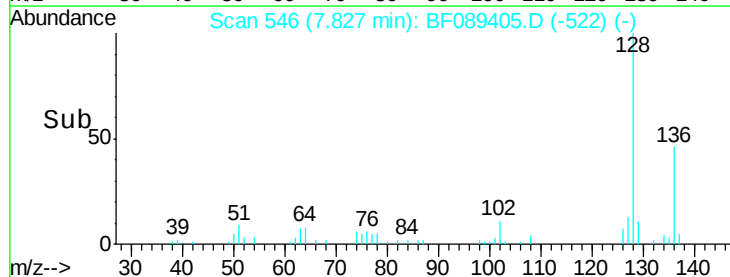
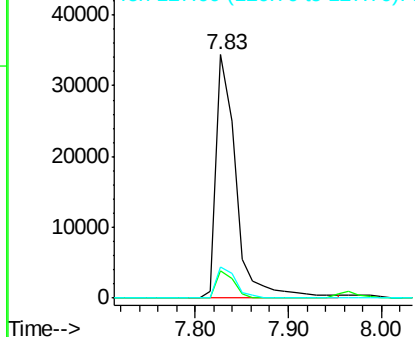


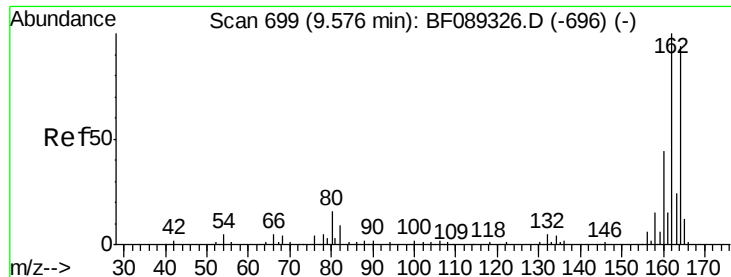
#31
 Naphthalene
 Concen: 5.90 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: BF089405.D
 Acq: 29 Jul 2016 11:47

Tgt Ion: 128 Resp: 51278
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.8 13.2
 127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

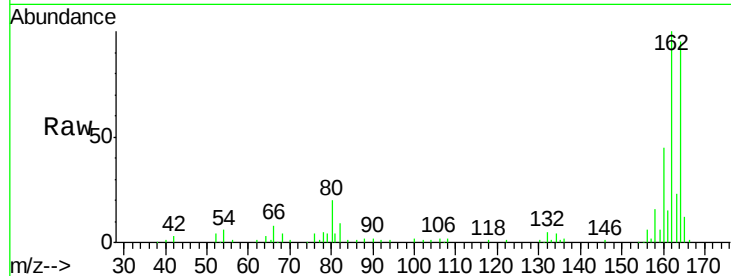




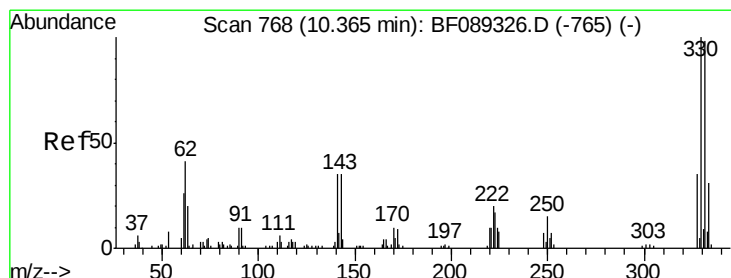
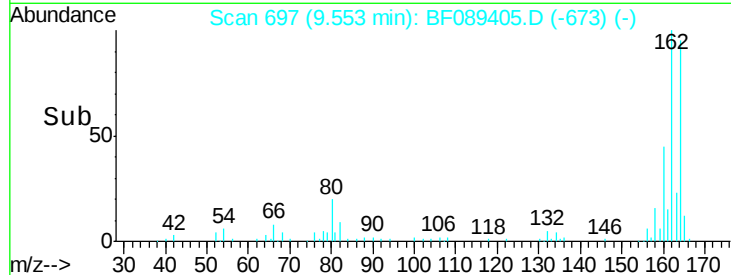
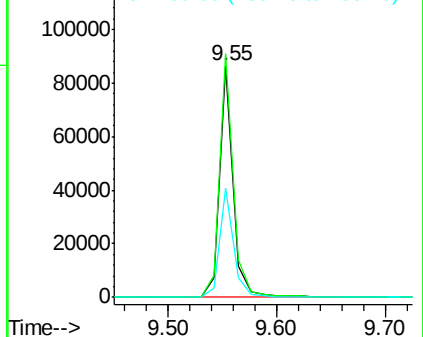
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089405.D
 Acq: 29 Jul 2016 11:47

Instrument :
 BNA_F
 ClientSampleId :
 I-7

Tgt Ion:164 Resp: 75802
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.7 125.5
 160 47.2 37.8 56.6

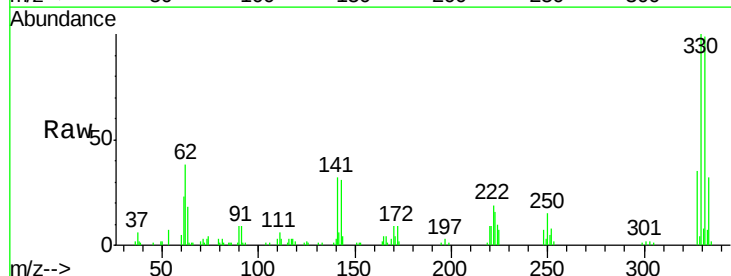


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

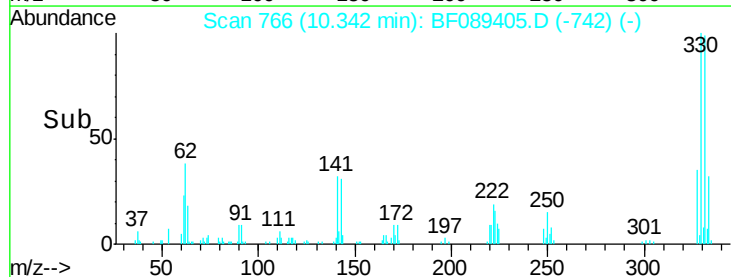
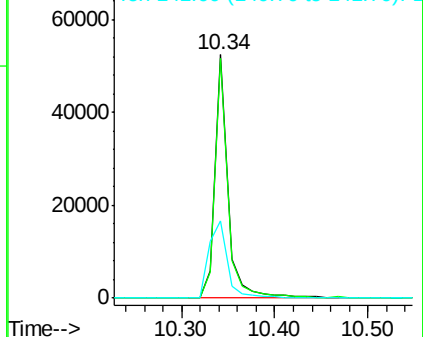


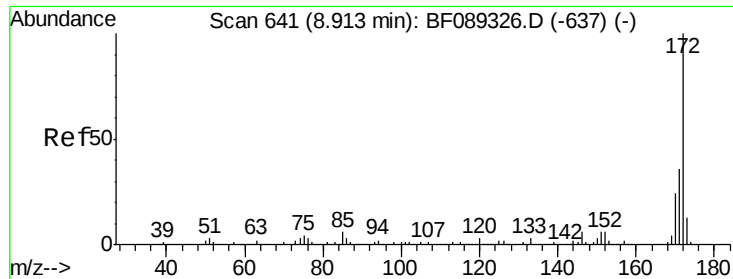
#41
 2,4,6-Tribromophenol
 Concen: 81.30 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089405.D
 Acq: 29 Jul 2016 11:47

Tgt Ion:330 Resp: 51043
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.8 115.2
 141 45.5 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

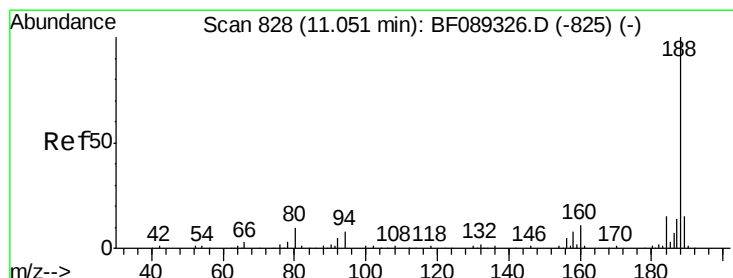
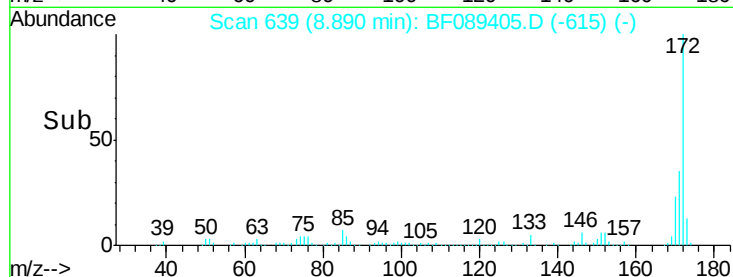
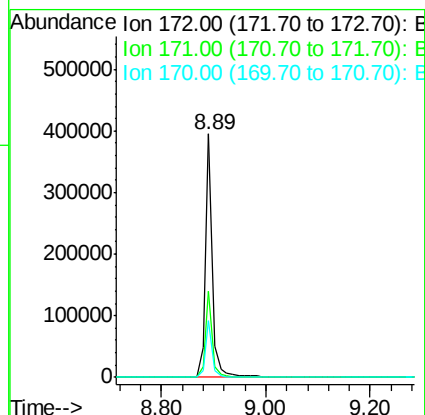
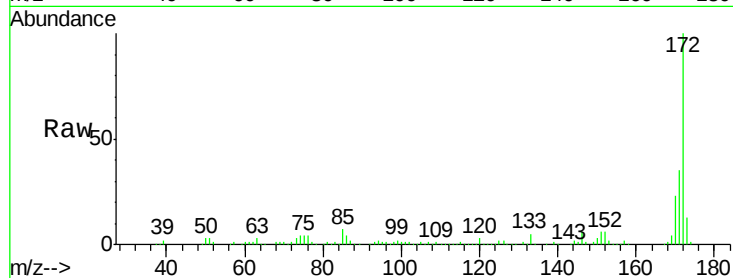




#44
 2-Fluorobiphenyl
 Concen: 72.05 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089405.D
 Acq: 29 Jul 2016 11:47

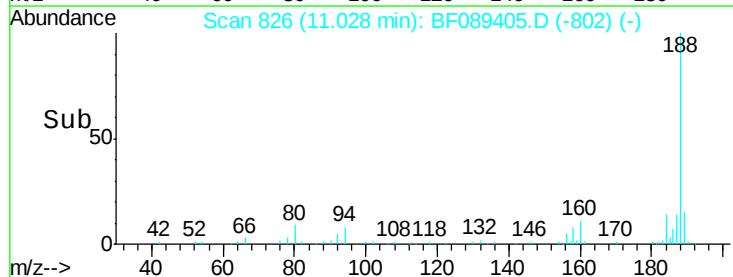
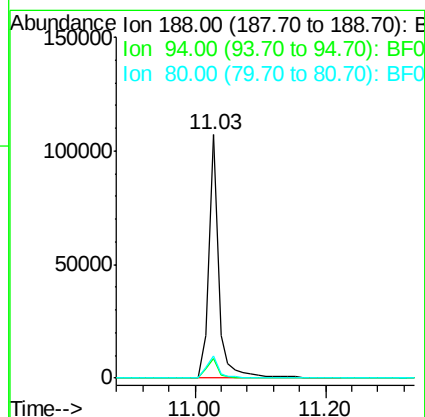
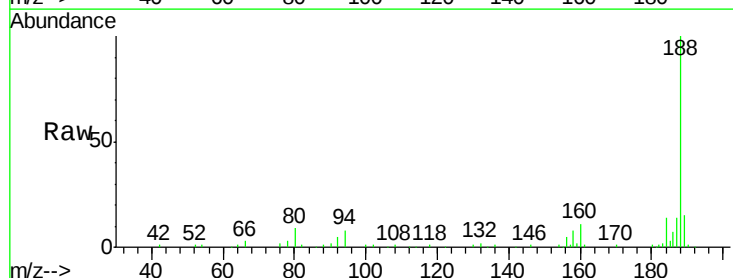
Instrument :
 BNA_F
 ClientSampled :
 I-7

Tgt Ion:172 Resp: 372131
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.2 43.8
 170 23.3 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF089405.D
 Acq: 29 Jul 2016 11:47

Tgt Ion:188 Resp: 113481
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.5 9.7
 80 9.3 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089405.D

Acq: 29 Jul 2016 11:47

Instrument :

BNA_F

ClientSampleId :

I-7

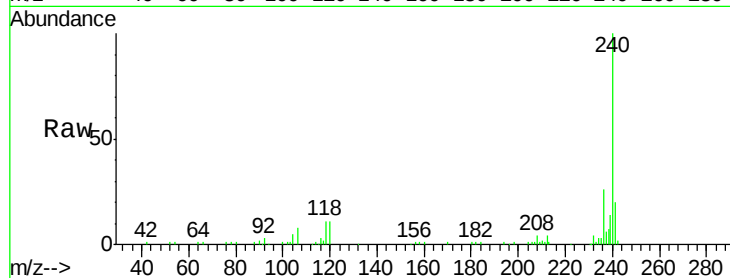
Tgt Ion:240 Resp: 91982

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

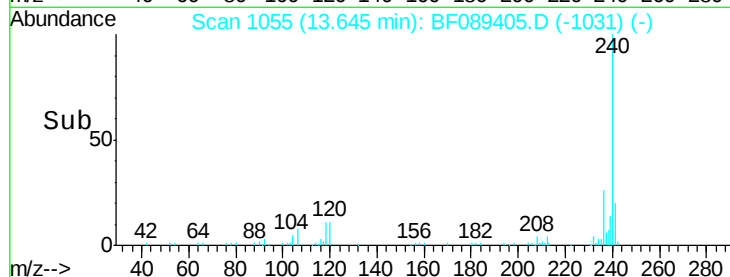
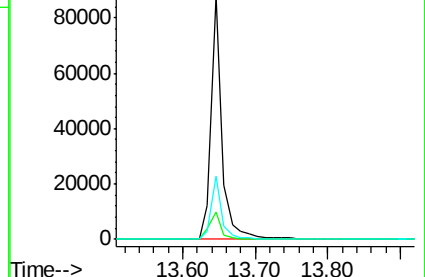
236 26.0 20.6 30.8



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: 58.92 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089405.D

Acq: 29 Jul 2016 11:47

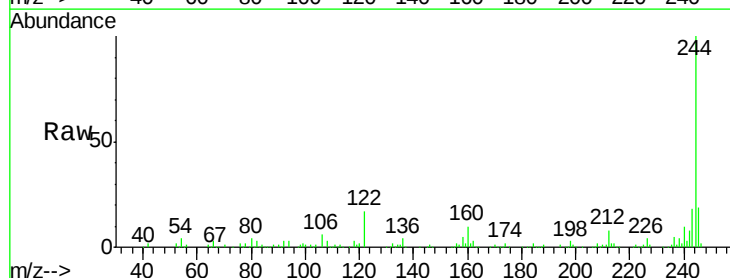
Tgt Ion:244 Resp: 231552

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

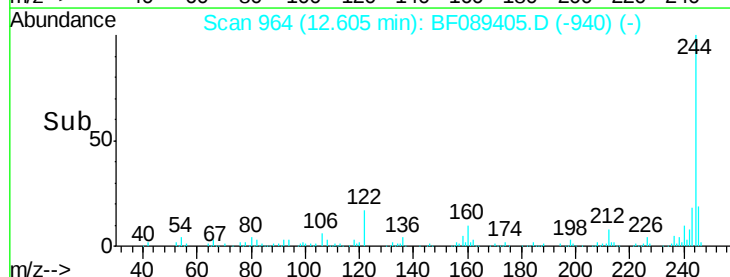
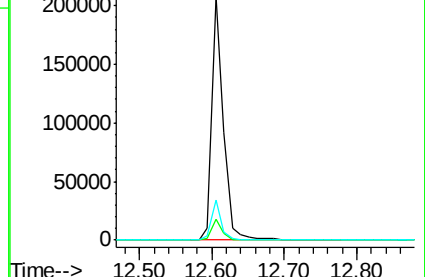
122 16.6 11.4 17.0

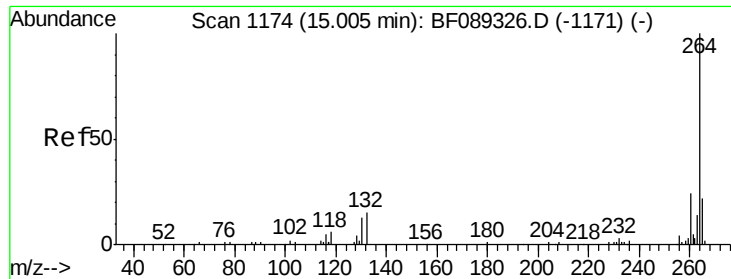


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

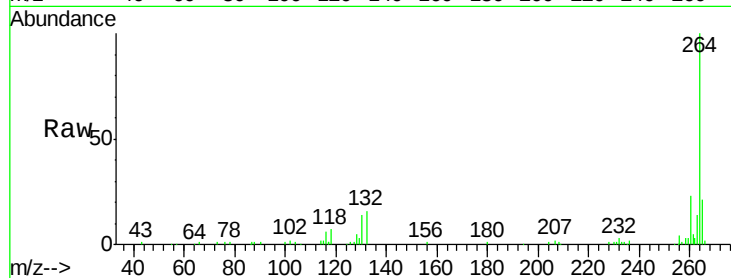




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089405.D
 Acq: 29 Jul 2016 11:47

Instrument :
 BNA_F
 ClientSampleId :
 I-7

Tgt Ion: 264 Resp: 86544
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.2 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

