

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089389.D
 Acq On : 29 Jul 2016 4:02
 Operator : UM/SJ
 Sample : H4221-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-8.5-9.5

Quant Time: Jul 29 07:10:26 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

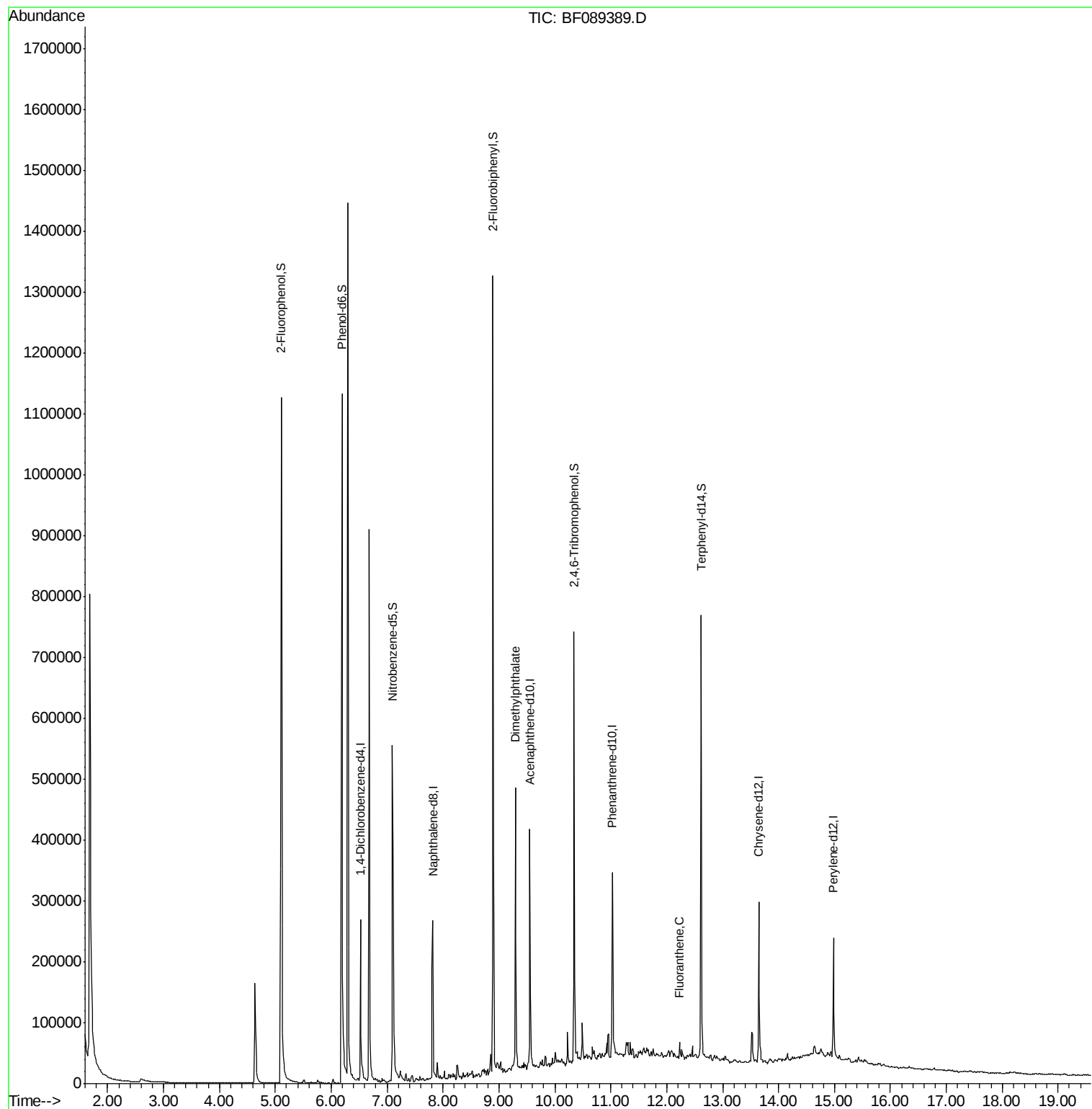
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	48098	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	174786	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	74952	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	120388	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	97418	20.00	ng	-0.02
86) Perylene-d12	14.98	264	80949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	392046	130.15	ng	0.00
7) Phenol-d6	6.19	99	544730	136.84	ng	-0.01
23) Nitrobenzene-d5	7.10	82	298320	100.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	70957	114.31	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	453024	88.70	ng	-0.02
78) Terphenyl-d14	12.62	244	301866	72.52	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.29	163	205029	35.94	ng	98
74) Fluoranthene	12.23	202	13297	2.04	ng	93

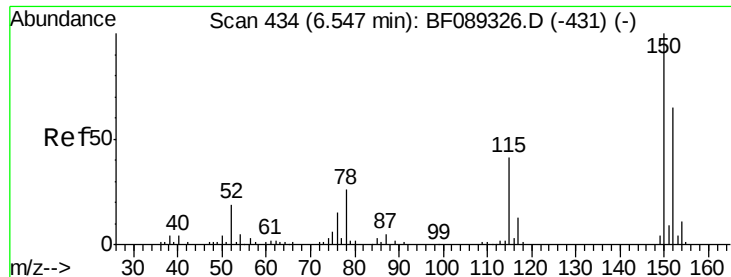
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089389.D

Acq: 29 Jul 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-46-8.5-9.5

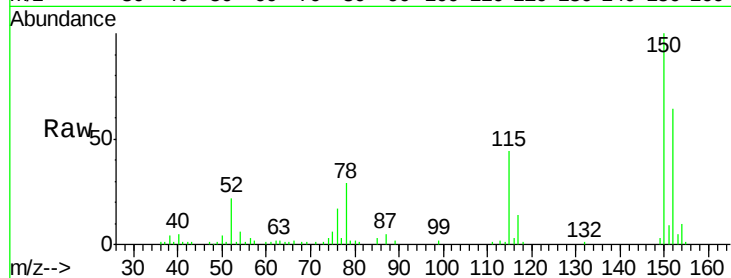
Tgt Ion:152 Resp: 48098

Ion Ratio Lower Upper

152 100

150 156.4 129.5 194.3

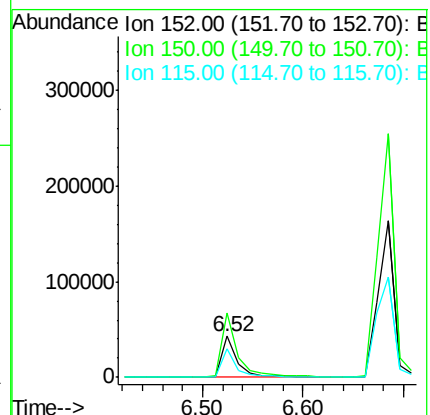
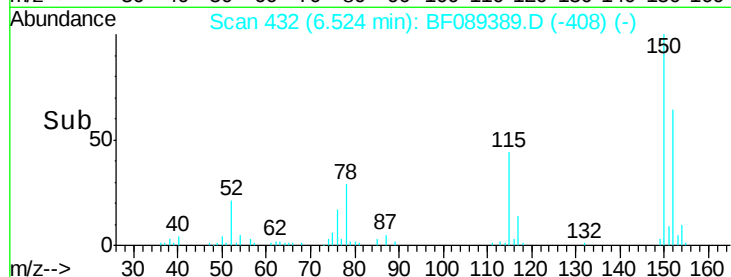
115 69.4 51.4 77.2



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: 130.15 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089389.D

Acq: 29 Jul 2016 4:02

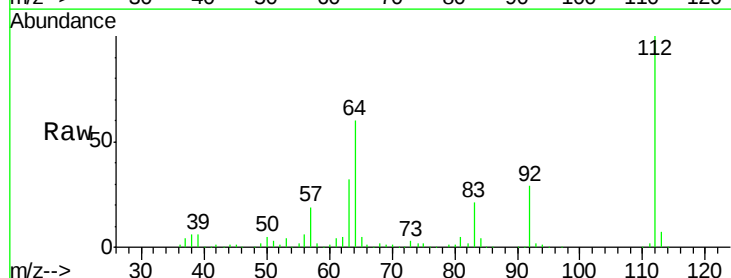
Tgt Ion:112 Resp: 392046

Ion Ratio Lower Upper

112 100

64 60.2 55.0 82.6

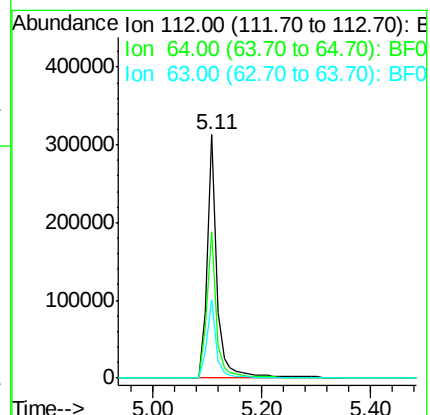
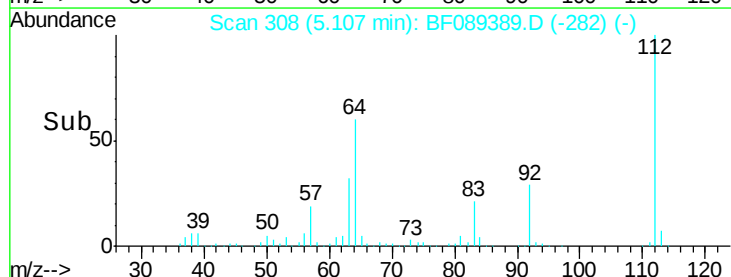
63 32.4 29.4 44.2



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: 136.84 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089389.D

Acq: 29 Jul 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-46-8.5-9.5

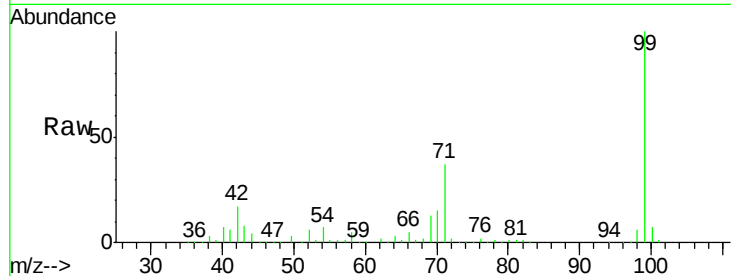
Tgt Ion: 99 Resp: 544730

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

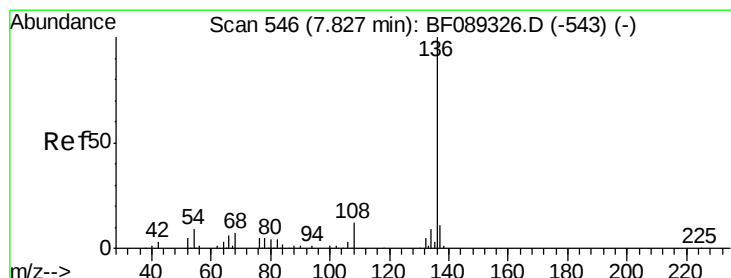
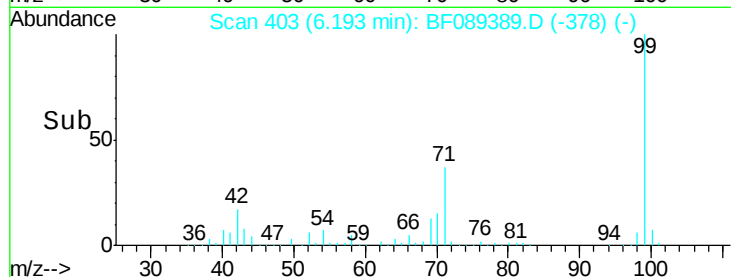
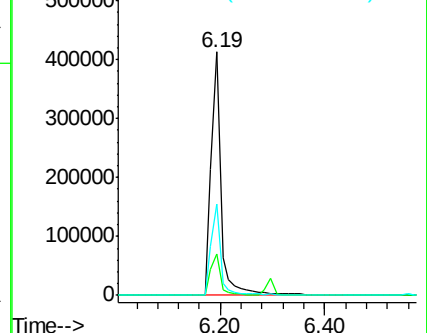
71 37.3 29.4 44.2



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: BF089389.D

Acq: 29 Jul 2016 4:02

Tgt Ion: 136 Resp: 174786

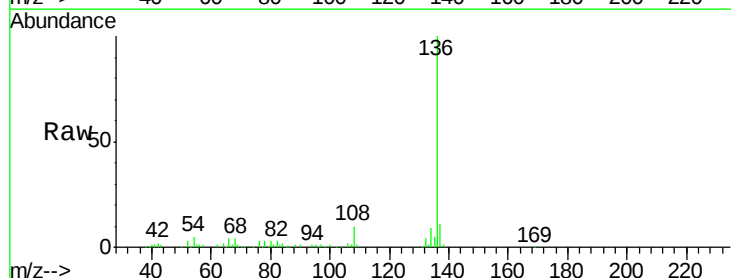
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.5 7.0 10.4#

68 4.3 4.9 7.3#

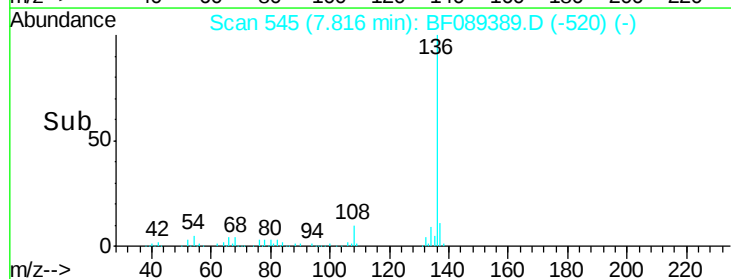
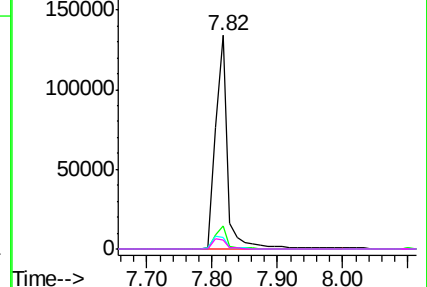


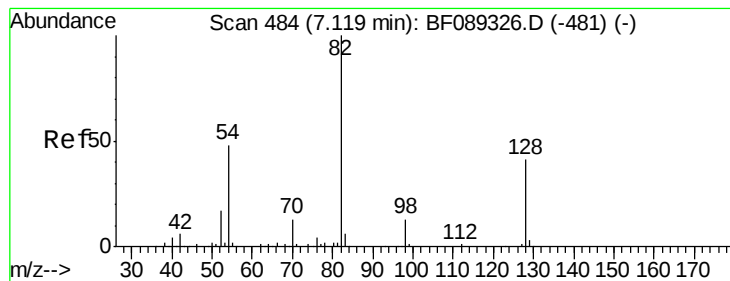
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.74 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089389.D

Acq: 29 Jul 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-46-8.5-9.5

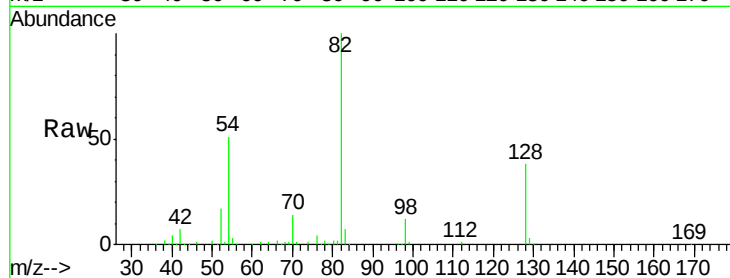
Tgt Ion: 82 Resp: 298320

Ion Ratio Lower Upper

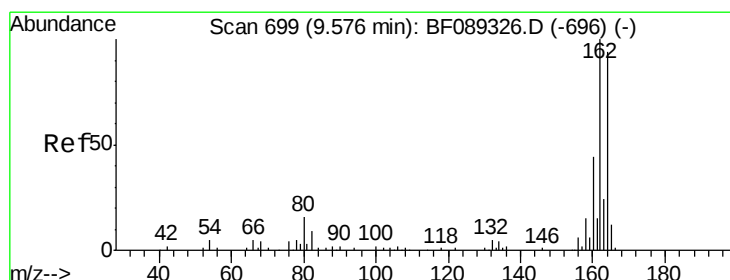
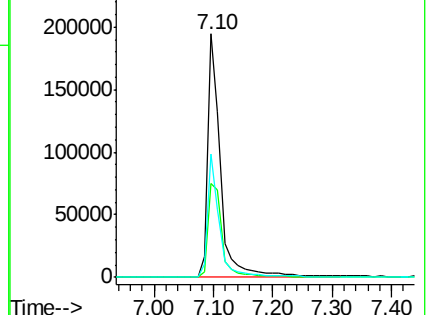
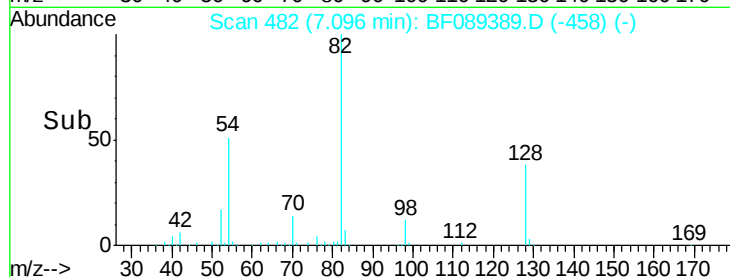
82 100

128 38.4 32.5 48.7

54 50.5 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: BF089389.D

Acq: 29 Jul 2016 4:02

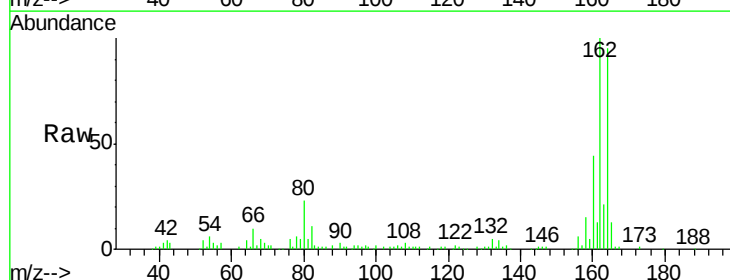
Tgt Ion: 164 Resp: 74952

Ion Ratio Lower Upper

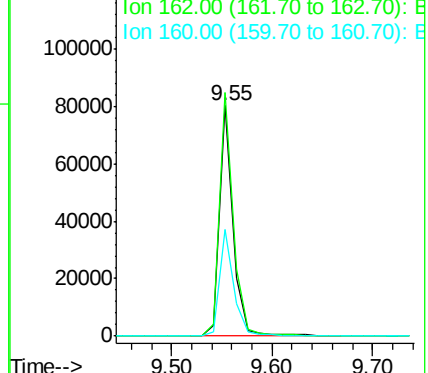
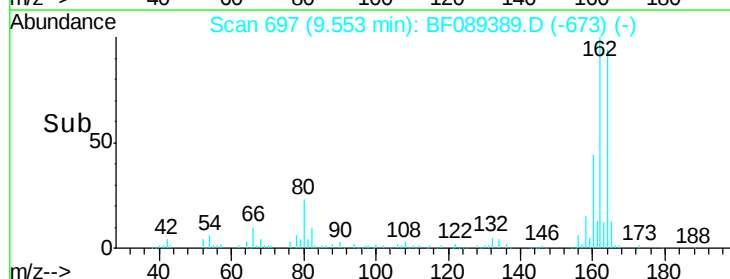
164 100

162 105.5 83.7 125.5

160 46.2 37.8 56.6



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

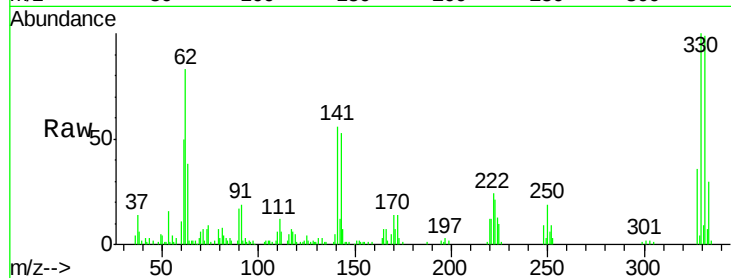




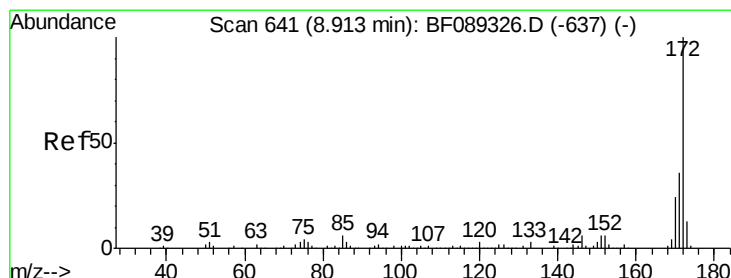
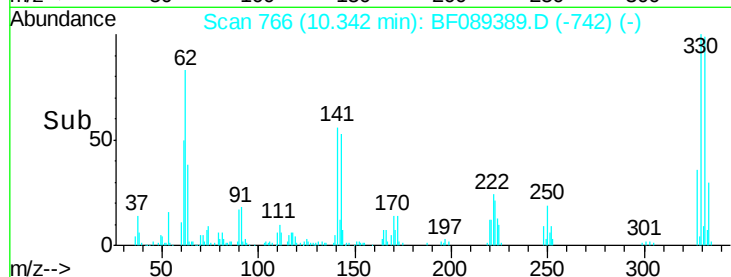
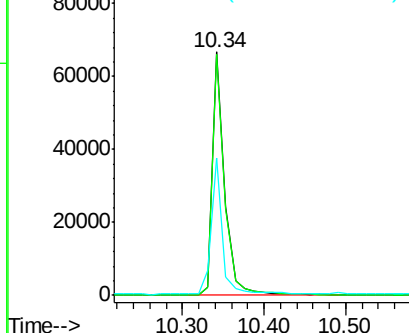
#41
 2,4,6-Tribromophenol
 Concen: 114.31 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089389.D
 Acq: 29 Jul 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-8.5-9.5

Tgt Ion:330 Resp: 70957
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.8 115.2
 141 51.9 37.3 55.9

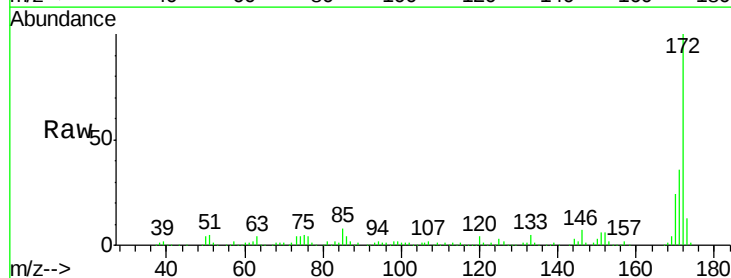


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

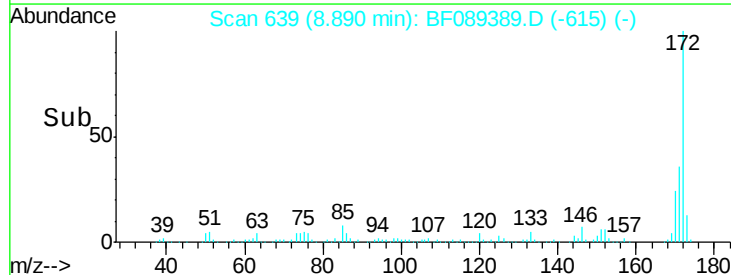
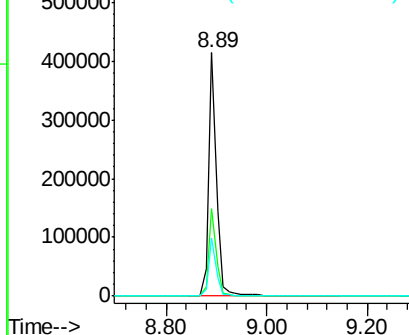


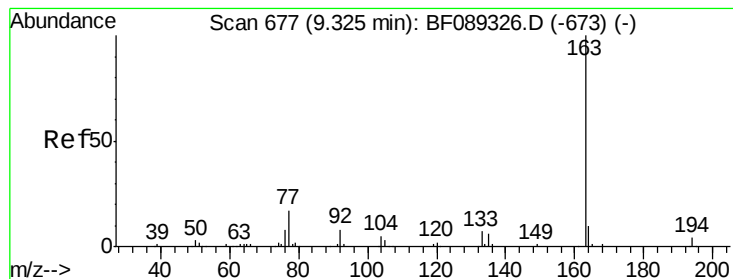
#44
 2-Fluorobiphenyl
 Concen: 88.70 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089389.D
 Acq: 29 Jul 2016 4:02

Tgt Ion:172 Resp: 453024
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.6 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





#49

Dimethylphthalate

Concen: 35.94 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF089389.D

Acq: 29 Jul 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-46-8.5-9.5

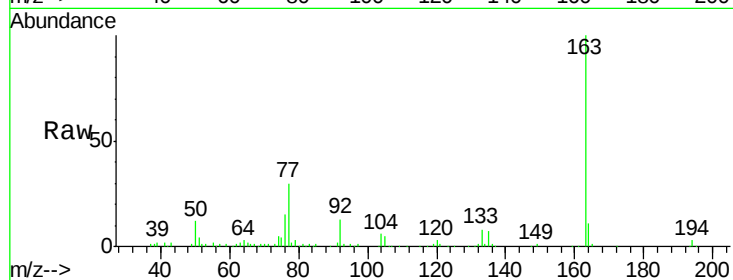
Tgt Ion:163 Resp: 205029

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

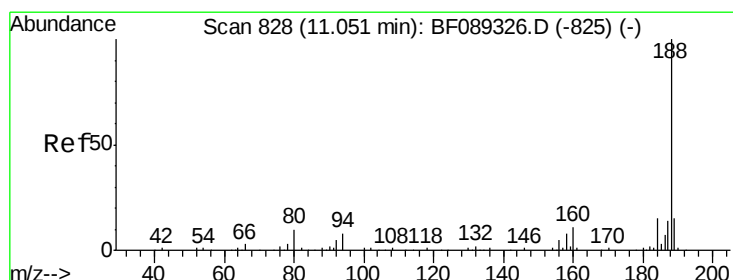
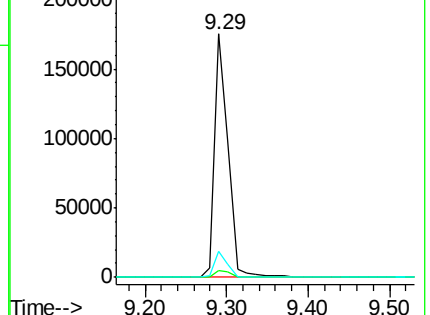
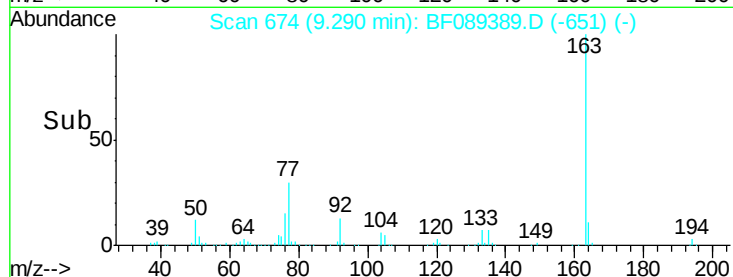
164 10.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF089389.D

Acq: 29 Jul 2016 4:02

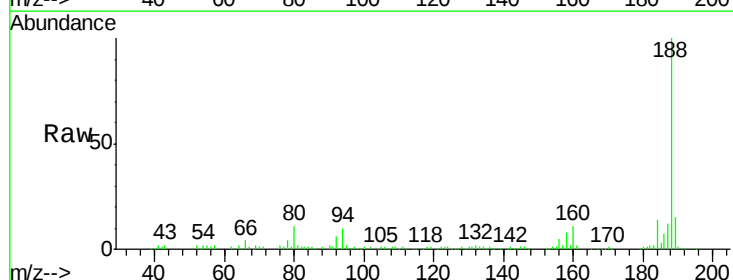
Tgt Ion:188 Resp: 120388

Ion Ratio Lower Upper

188 100

94 10.2 6.5 9.7#

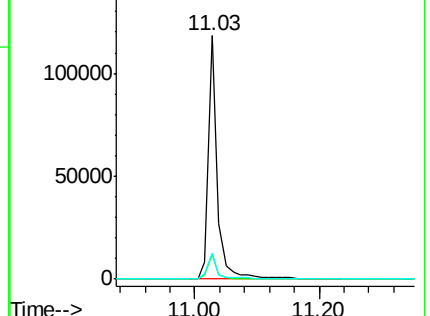
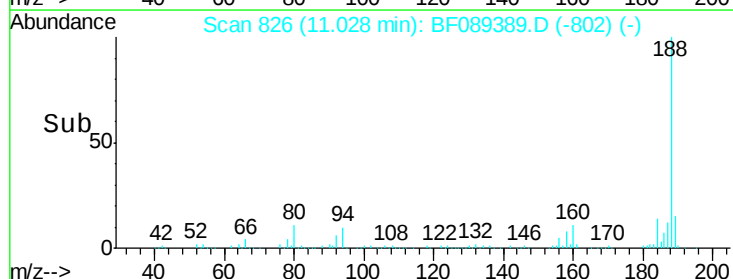
80 10.8 7.2 10.8#

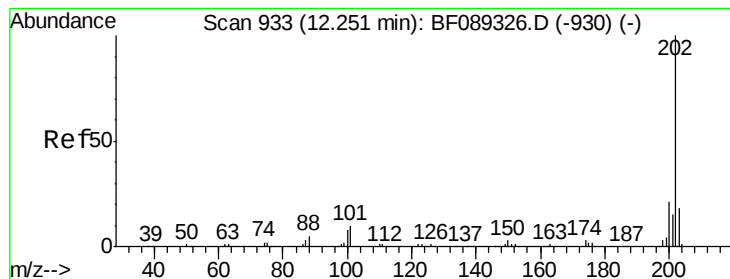


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.04 ng

RT: 12.23 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF089389.D

Acq: 29 Jul 2016 4:02

Instrument :

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ClientSampleId :

SB-46-8.5-9.5

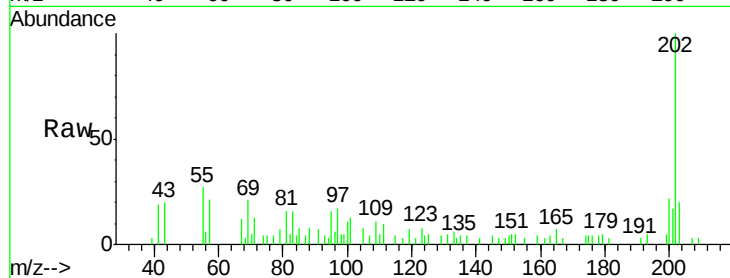
Tgt Ion:202 Resp: 13297

Ion Ratio Lower Upper

202 100

101 13.3 0.0 29.9

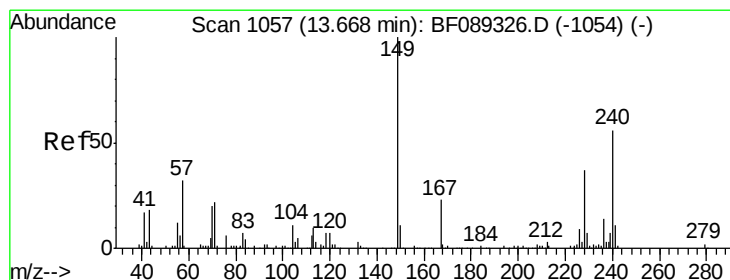
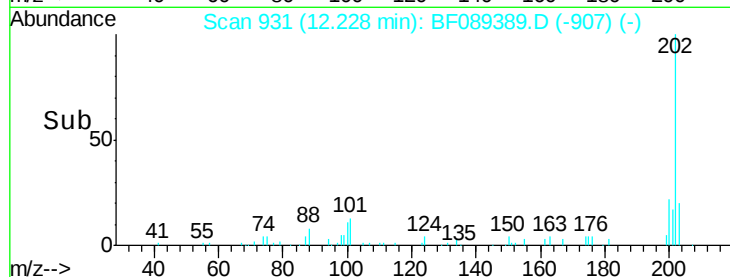
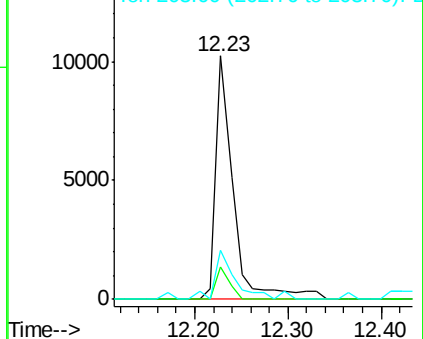
203 19.9 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089389.D

Acq: 29 Jul 2016 4:02

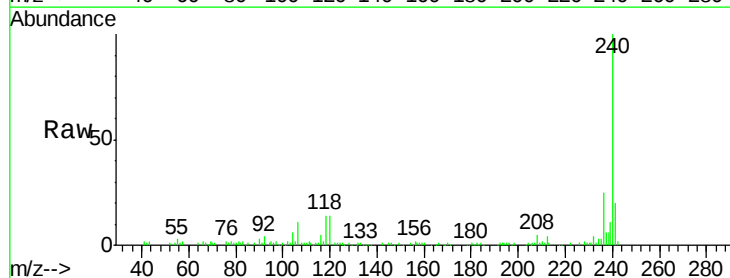
Tgt Ion:240 Resp: 97418

Ion Ratio Lower Upper

240 100

120 14.4 9.1 13.7#

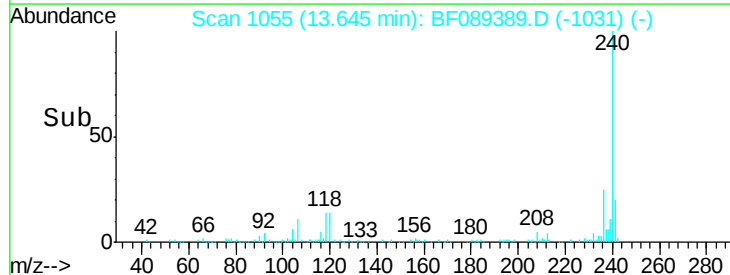
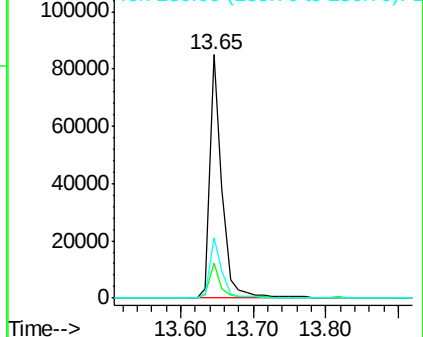
236 24.9 20.6 30.8

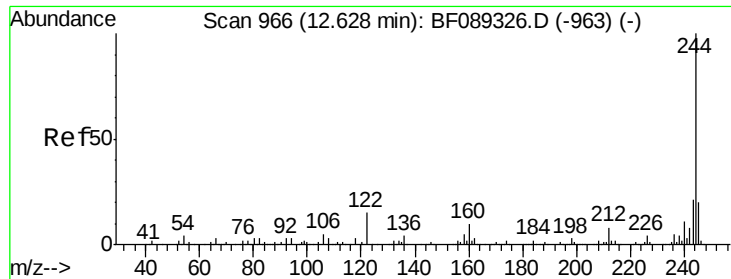


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

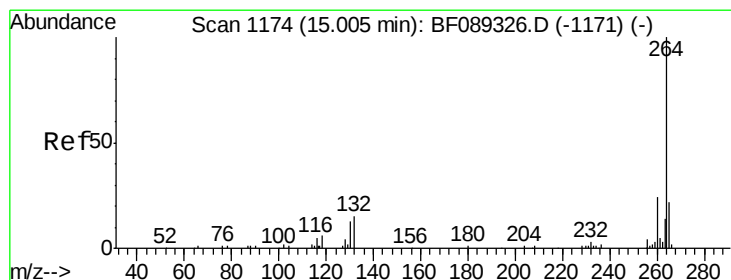
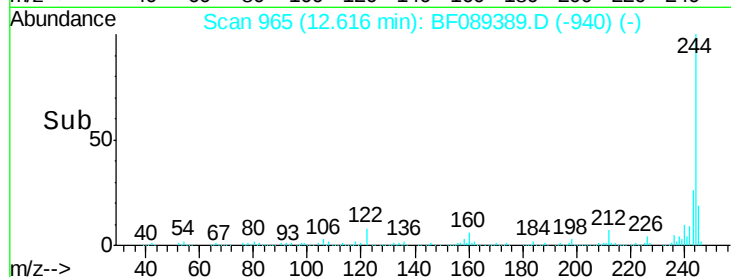
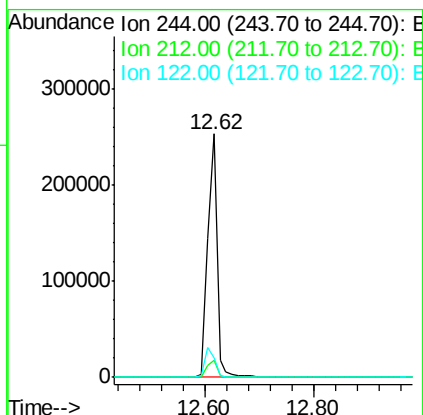
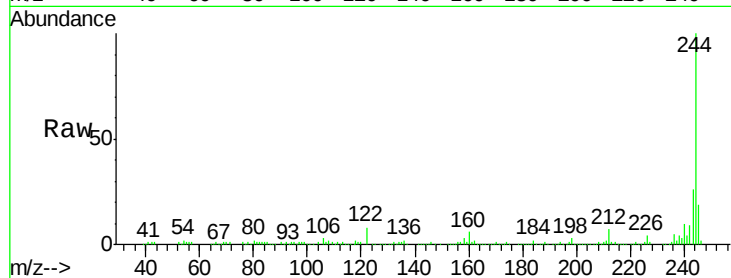




#78
 Terphenyl-d14
 Concen: 72.52 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF089389.D
 Acq: 29 Jul 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-8.5-9.5

Tgt Ion:244 Resp: 301866
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.1 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089389.D
 Acq: 29 Jul 2016 4:02

Tgt Ion:264 Resp: 80949
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.0 17.5 26.3

