

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089956.D
 Acq On : 31 Aug 2016 17:56
 Operator : UM/SJ
 Sample : H4645-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Quant Time: Aug 31 19:33:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

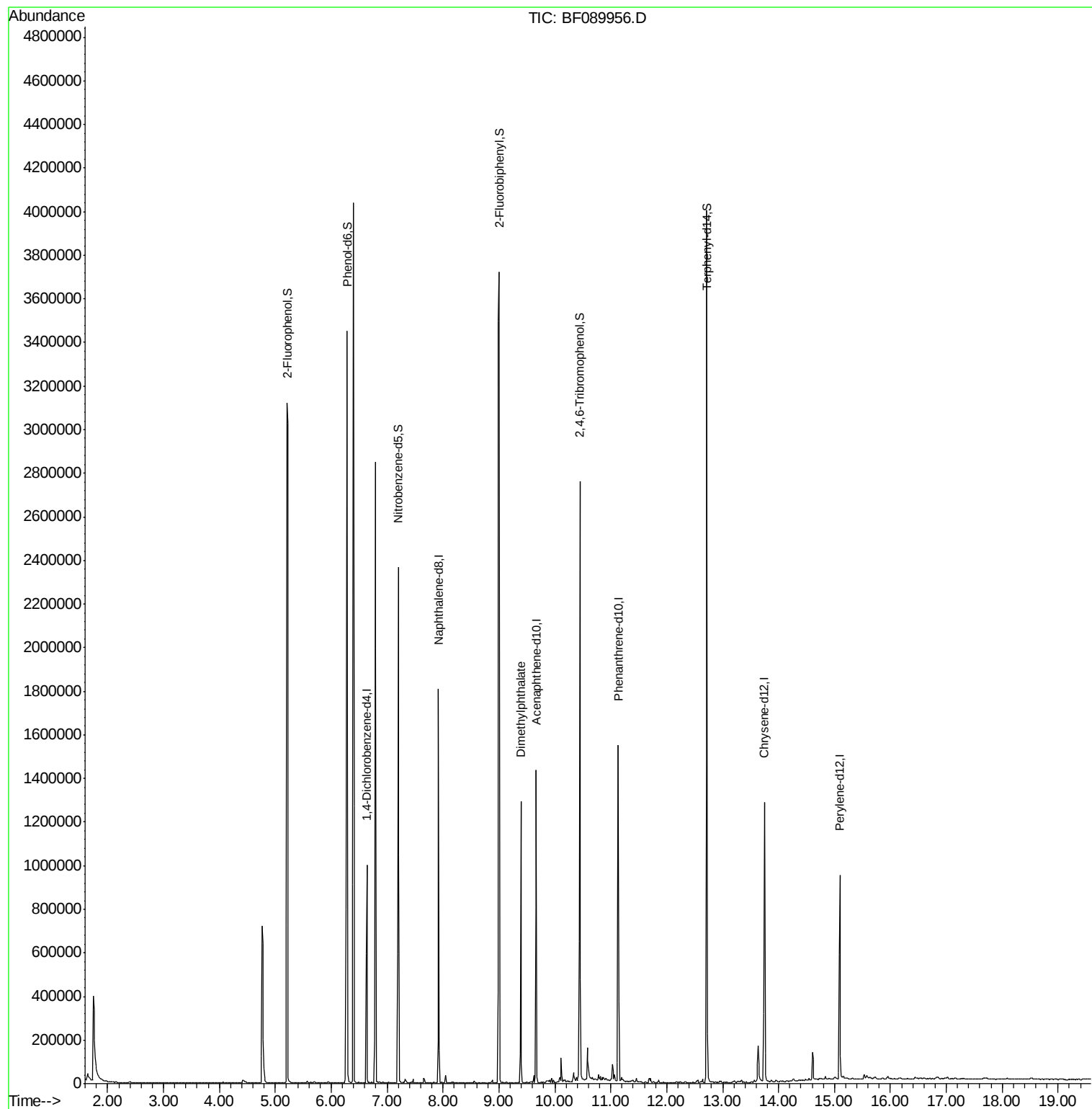
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	186407	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	723116	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	353075	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	570253	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	443156	20.00	ng	-0.01
86) Perylene-d12	15.10	264	431189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1414265	121.44	ng	0.01
7) Phenol-d6	6.28	99	1804465	127.52	ng	0.01
23) Nitrobenzene-d5	7.20	82	907513	72.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	326523	93.74	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1851392	86.08	ng	0.00
78) Terphenyl-d14	12.72	244	1337166	74.54	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	475640	18.64	ng	Qvalue 99

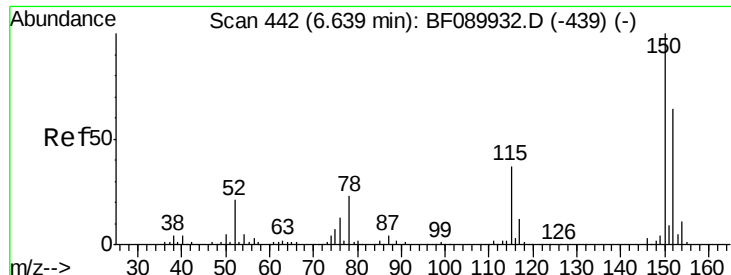
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

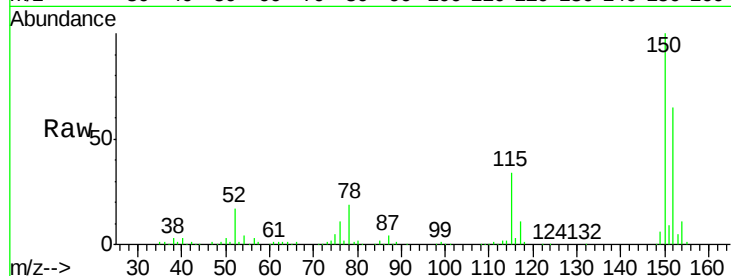
Tgt Ion:152 Resp: 186407

Ion Ratio Lower Upper

152 100

150 154.9 127.4 191.2

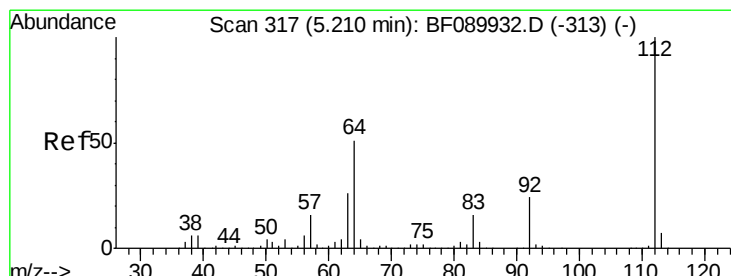
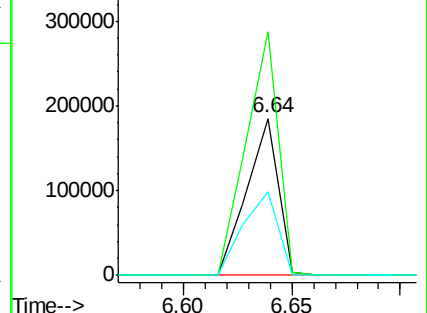
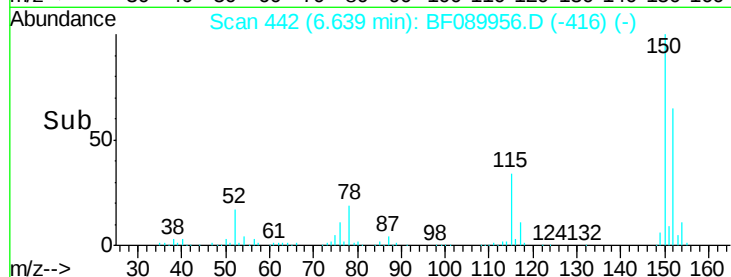
115 53.1 46.3 69.5



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: 121.44 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

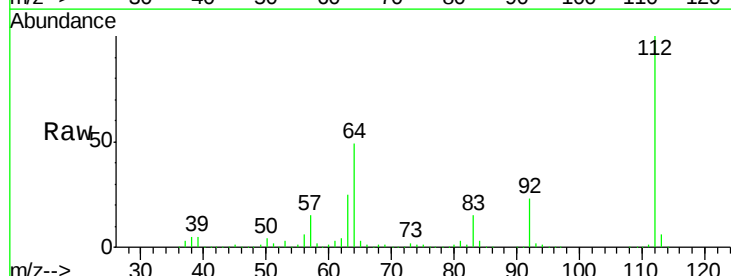
Tgt Ion:112 Resp: 1414265

Ion Ratio Lower Upper

112 100

64 48.8 41.1 61.7

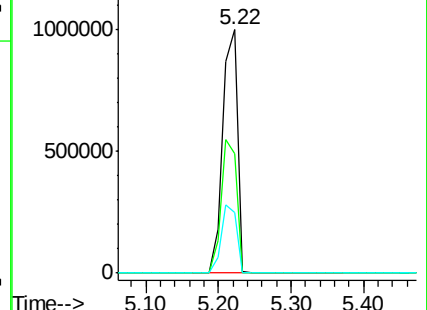
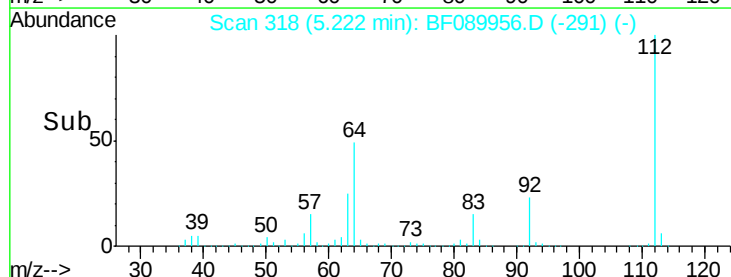
63 24.9 21.2 31.8

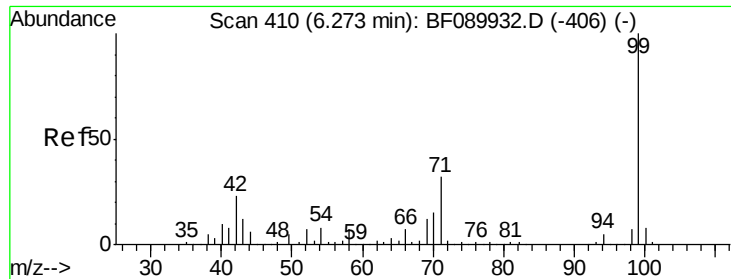


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.52 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

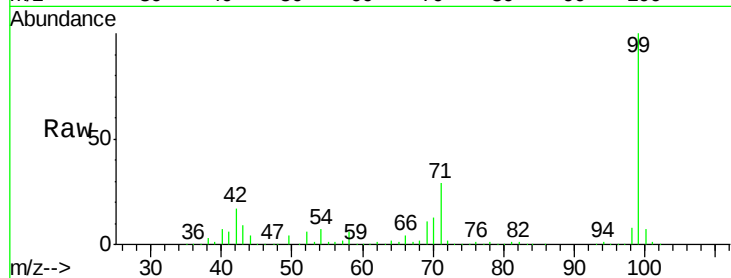
BNA_F

ClientSampled :

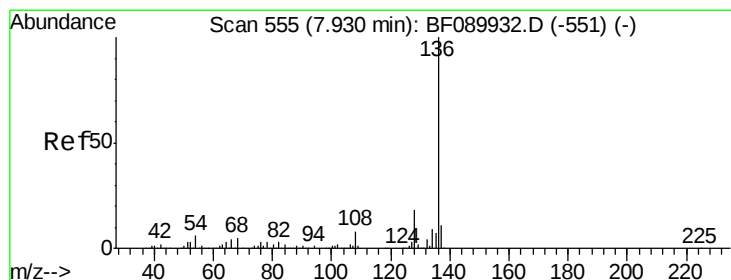
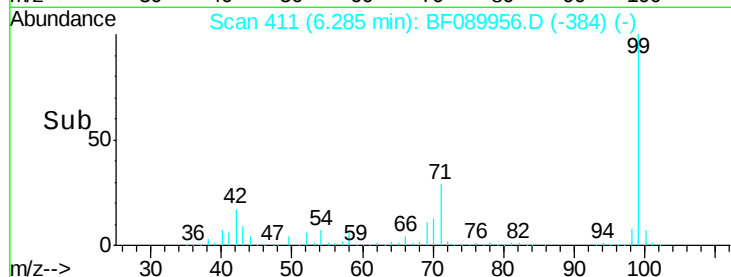
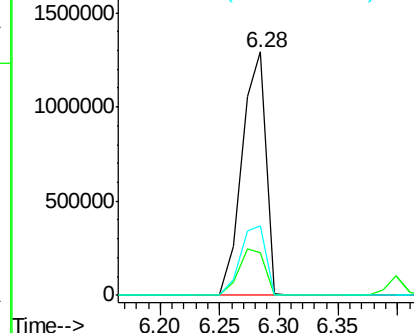
MSP-BPM

Tgt Ion: 99 Resp: 1804465

Ion	Ratio	Lower	Upper
99	100		
42	17.4	18.6	27.8#
71	28.6	25.8	38.6



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: 7.92 min Scan# 554

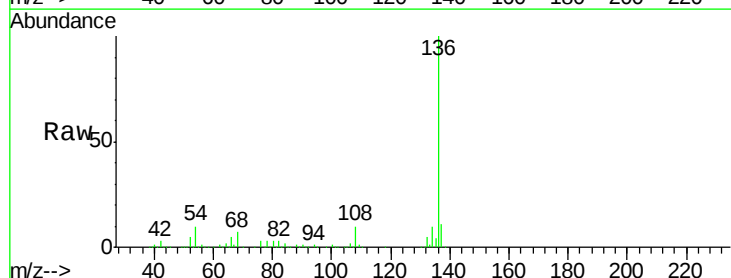
Delta R.T. -0.01 min

Lab File: BF089956.D

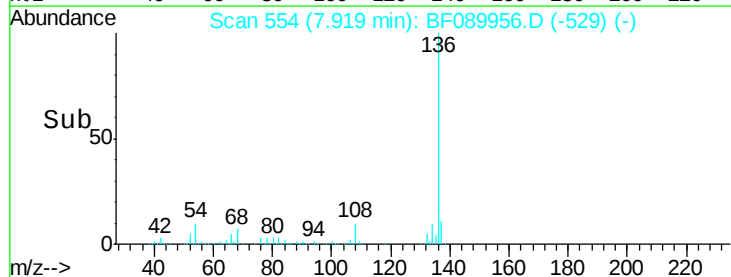
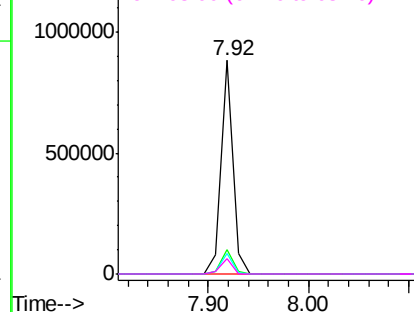
Acq: 31 Aug 2016 17:56

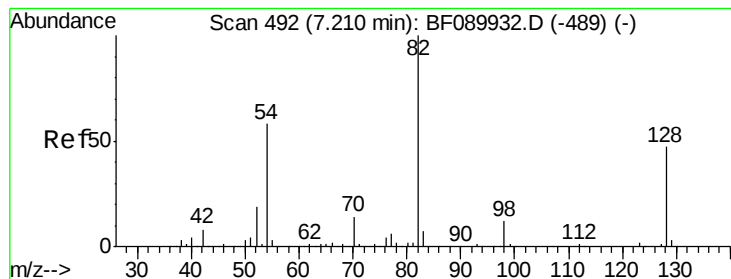
Tgt Ion: 136 Resp: 723116

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	9.6	4.8	7.2#
68	6.9	3.7	5.5#



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: 72.78 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

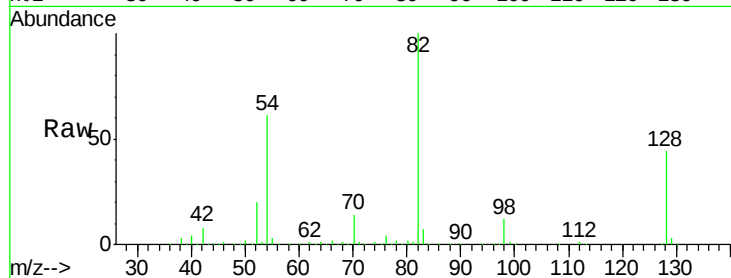
Tgt Ion: 82 Resp: 907513

Ion Ratio Lower Upper

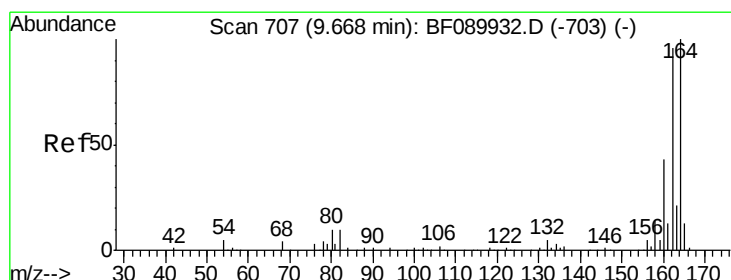
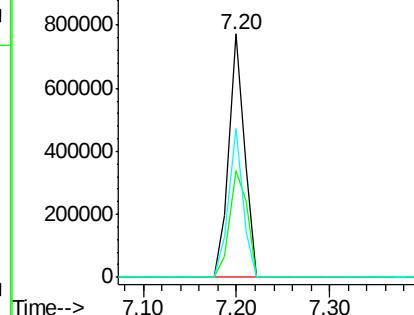
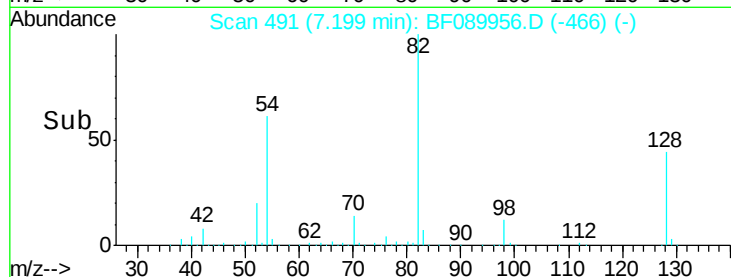
82 100

128 43.7 37.8 56.8

54 61.3 46.9 70.3



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: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

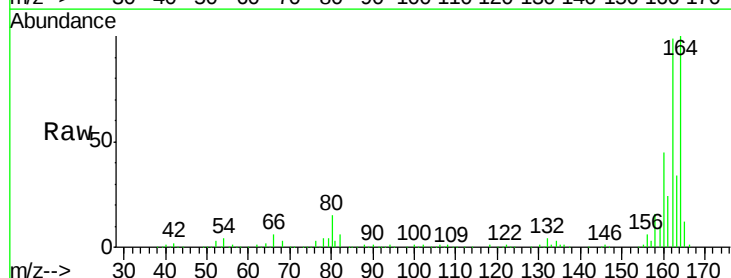
Tgt Ion: 164 Resp: 353075

Ion Ratio Lower Upper

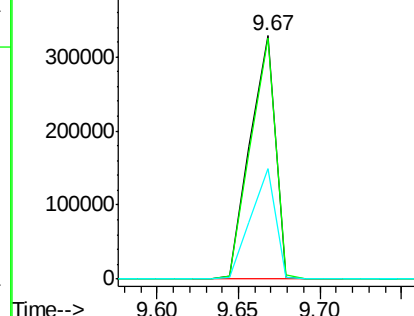
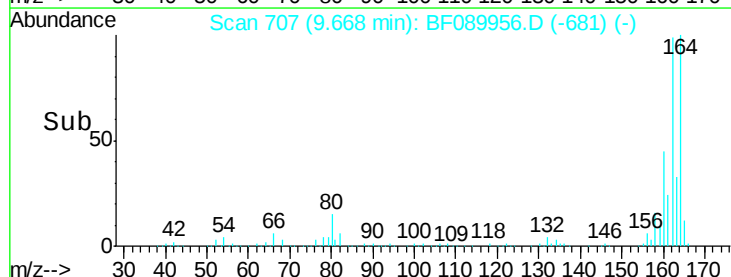
164 100

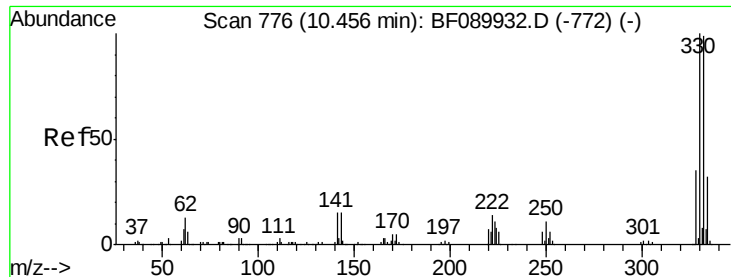
162 99.2 77.1 115.7

160 45.2 35.3 52.9



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

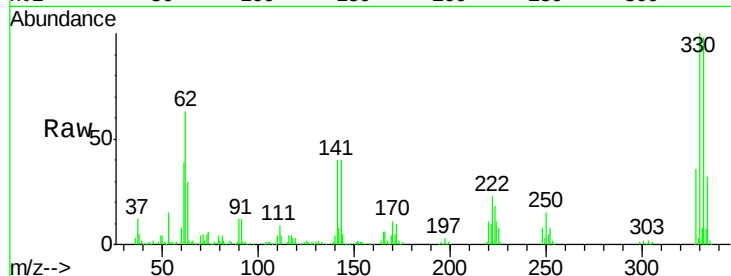




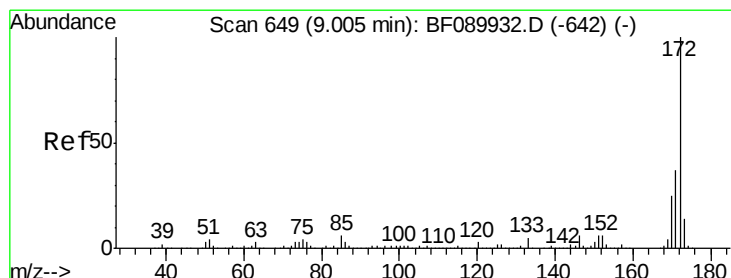
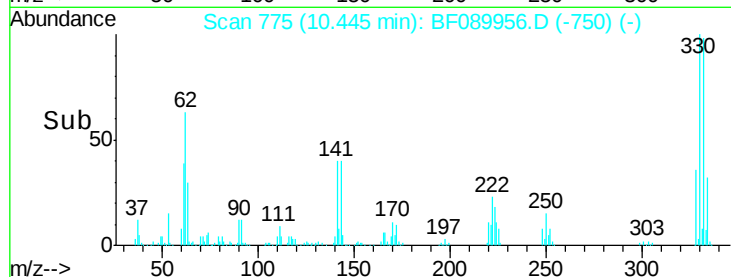
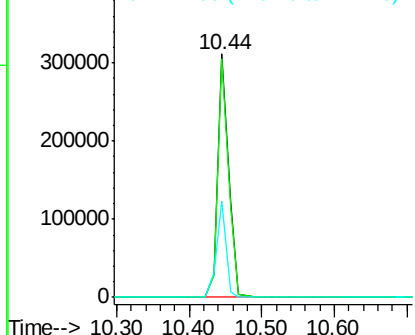
#41
 2,4,6-Tribromophenol
 Concen: 93.74 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089956.D
 Acq: 31 Aug 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Tgt Ion:330 Resp: 326523
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.6 117.8
 141 34.9 23.3 34.9#

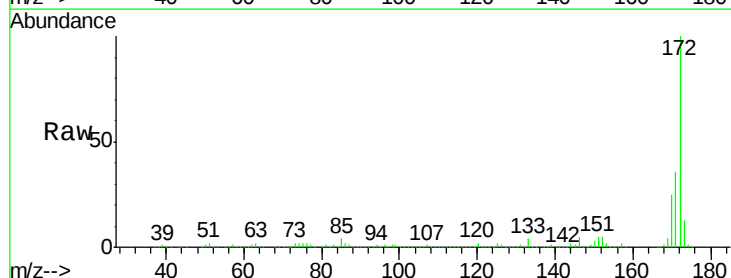


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

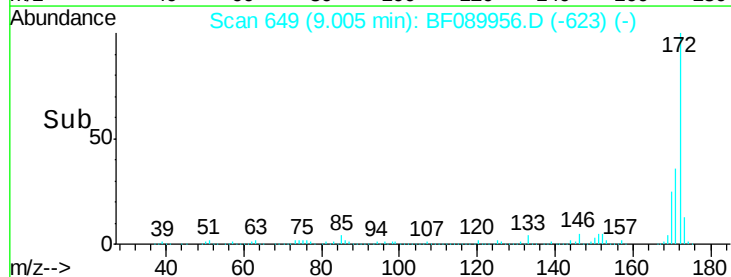
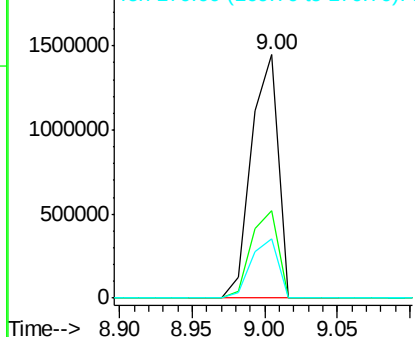


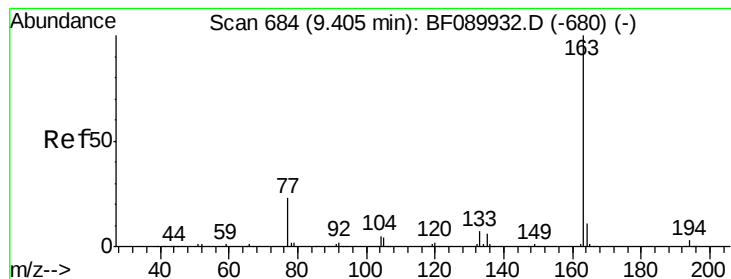
#44
 2-Fluorobiphenyl
 Concen: 86.08 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089956.D
 Acq: 31 Aug 2016 17:56

Tgt Ion:172 Resp: 1851392
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.5 20.1 30.1



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: 18.64 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

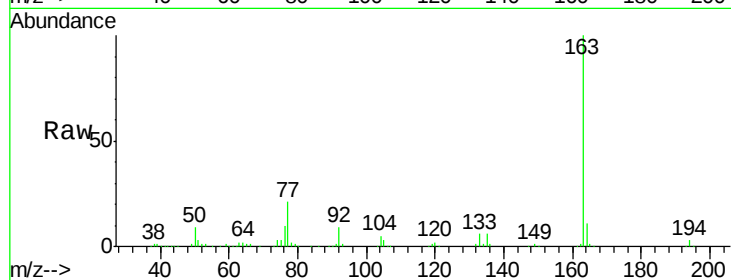
Tgt Ion:163 Resp: 475640

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

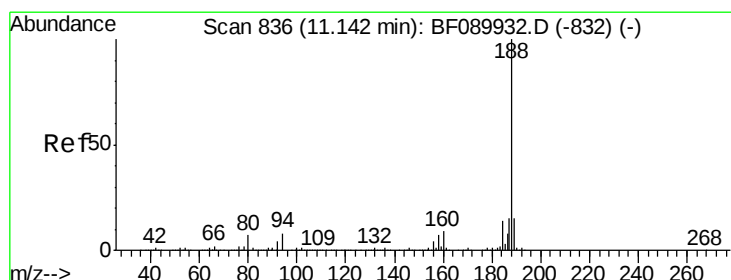
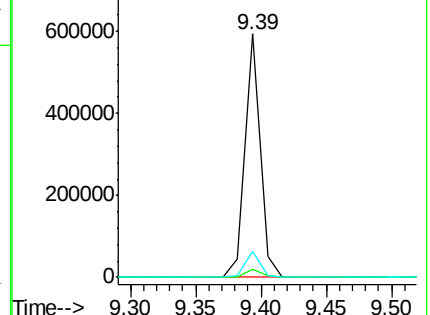
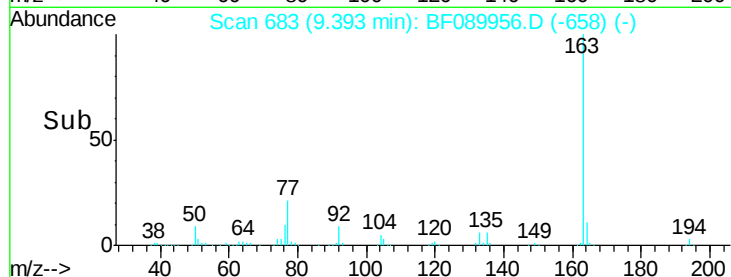
164 10.5 9.0 13.4



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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

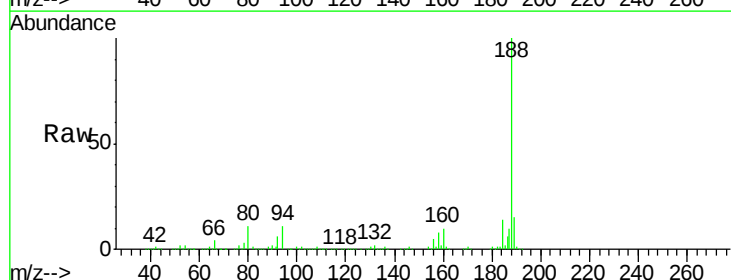
Tgt Ion:188 Resp: 570253

Ion Ratio Lower Upper

188 100

94 11.0 5.9 8.9#

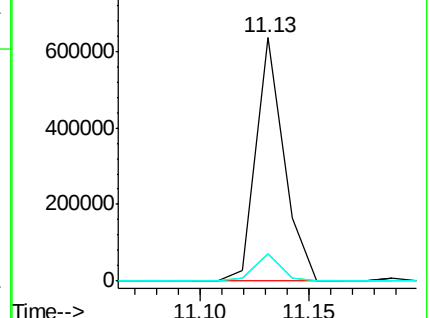
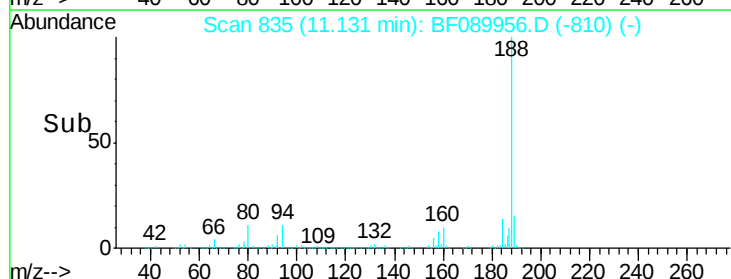
80 11.3 5.8 8.8#

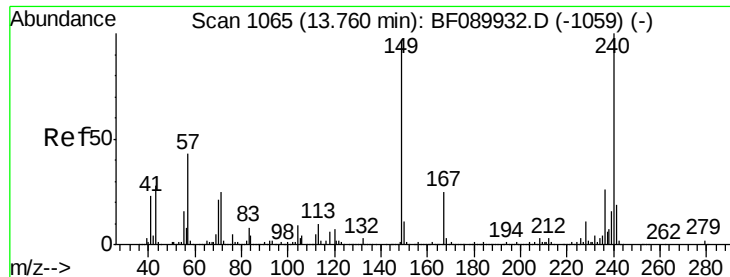


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

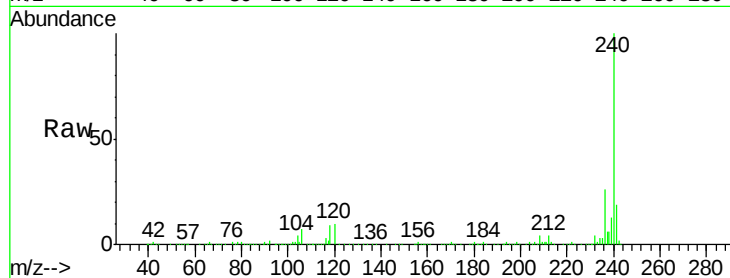
Tgt Ion:240 Resp: 443156

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

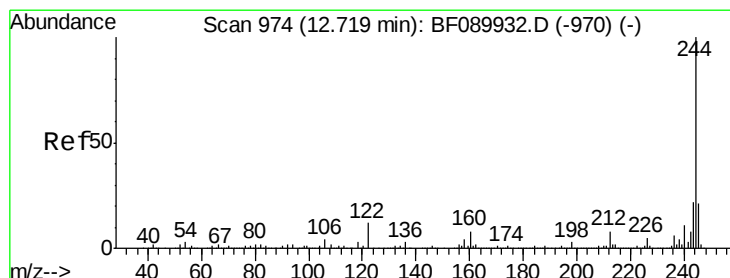
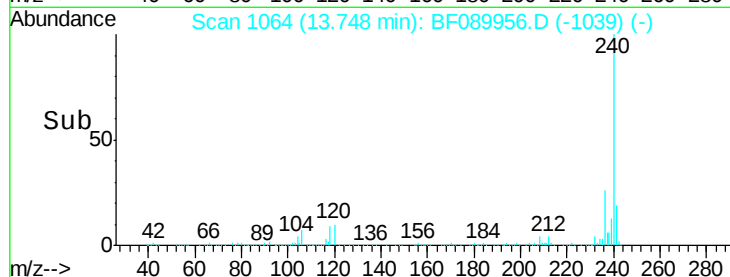
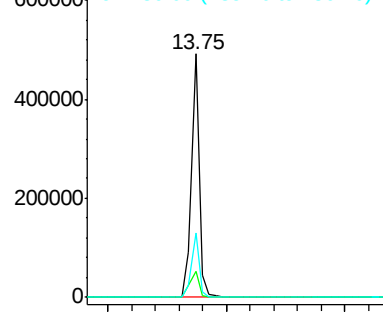
236 26.2 21.3 31.9



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: 74.54 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089956.D

Acq: 31 Aug 2016 17:56

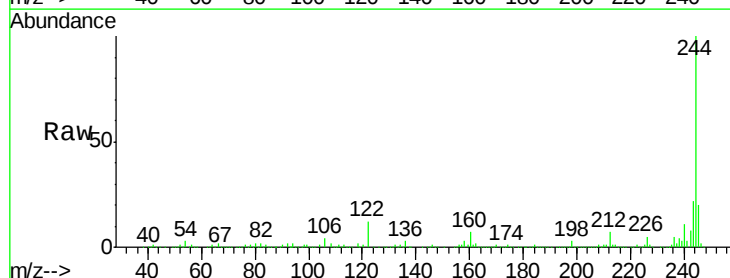
Tgt Ion:244 Resp: 1337166

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

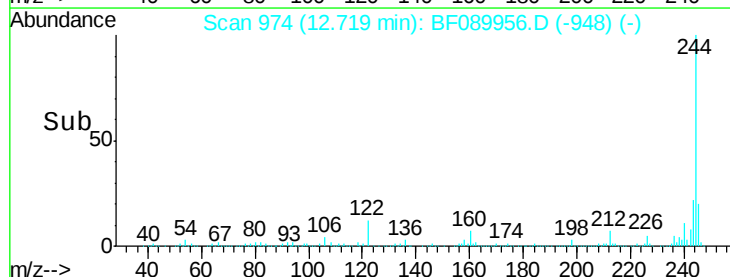
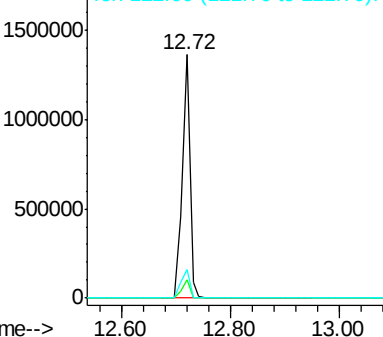
122 11.5 9.6 14.4

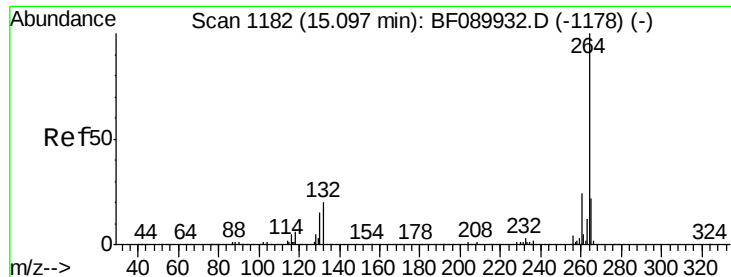


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089956.D
Acq: 31 Aug 2016 17:56

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.6	17.4	26.2

