

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090070.D
 Acq On : 12 Sep 2016 18:25
 Operator : UM/SJ
 Sample : PB93311BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BL

Quant Time: Sep 13 03:38:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	201233	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	814171	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	348775	20.00	ng	-0.02
63) Phenanthrene-d10	11.07	188	584590	20.00	ng	-0.03
75) Chrysene-d12	13.69	240	514683	20.00	ng	-0.03
86) Perylene-d12	15.03	264	356094	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1579794	125.66	ng	0.00
7) Phenol-d6	6.23	99	1822683	119.32	ng	-0.02
23) Nitrobenzene-d5	7.14	82	1031799	73.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	342727	99.60	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	2013222	94.75	ng	-0.02
78) Terphenyl-d14	12.66	244	1552166	74.50	ng	-0.02

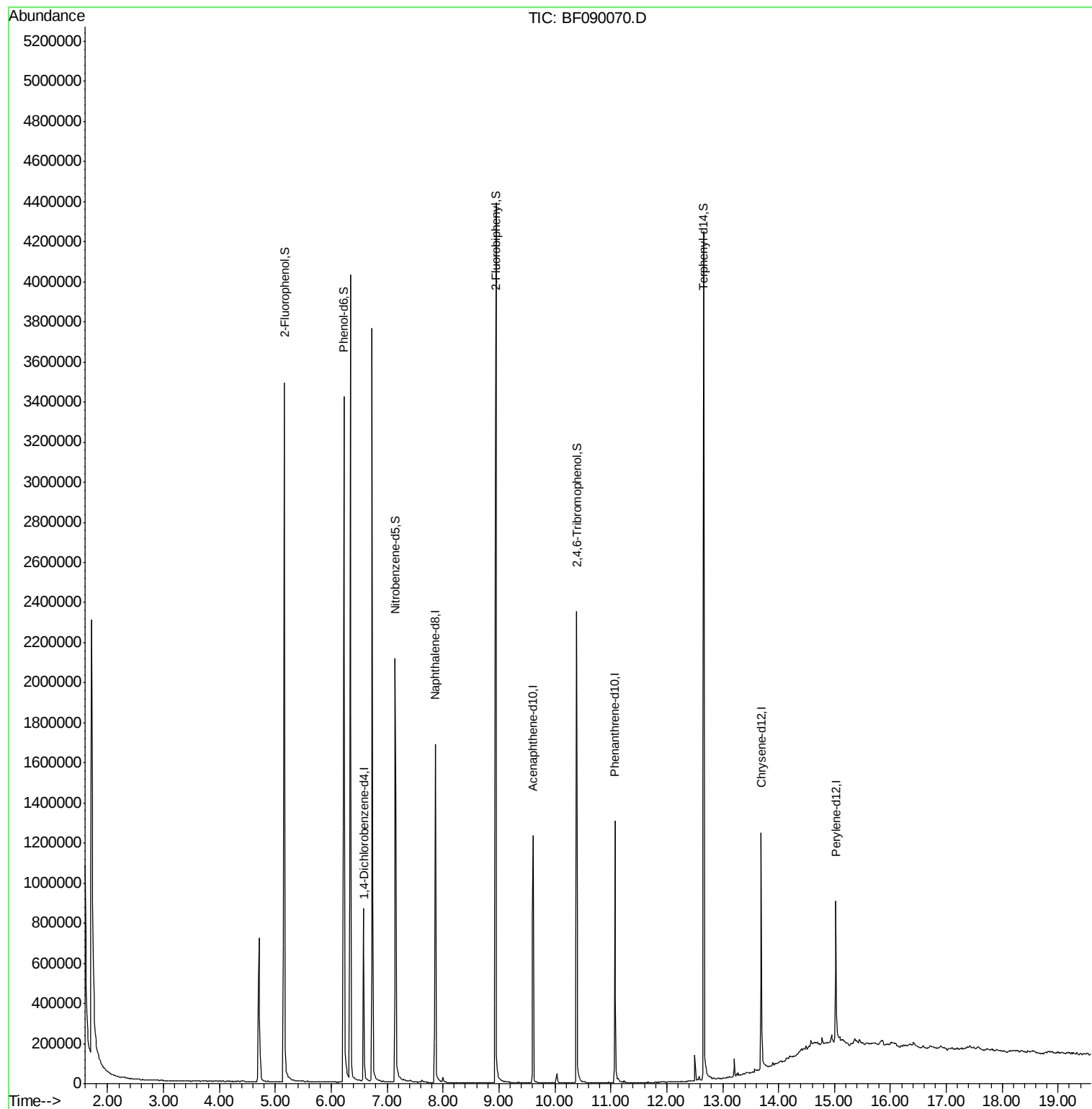
Target Compounds	Qvalue
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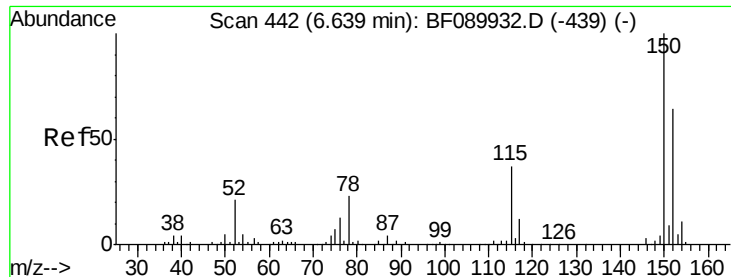
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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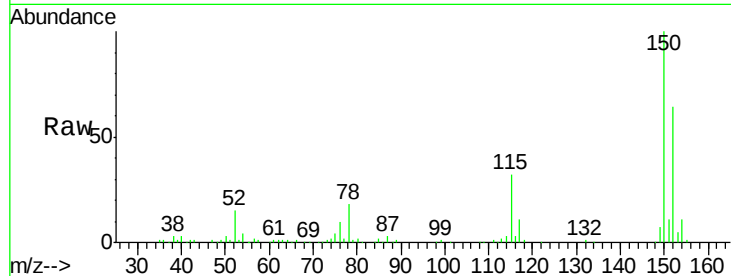


#1

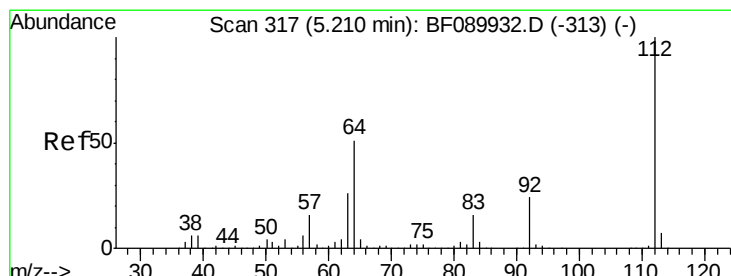
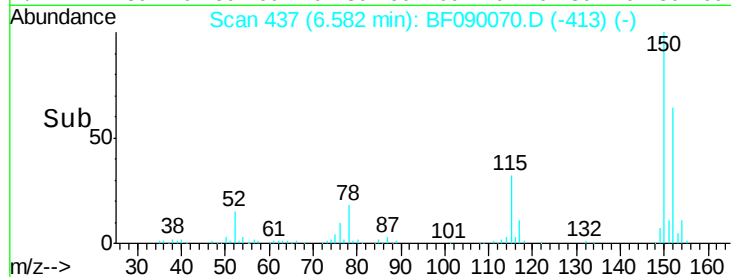
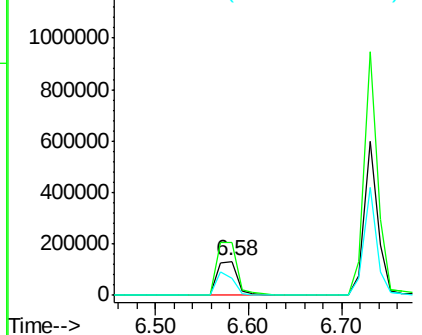
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BL

Tgt Ion:152 Resp: 201233
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.4 191.2
 115 50.3 46.3 69.5



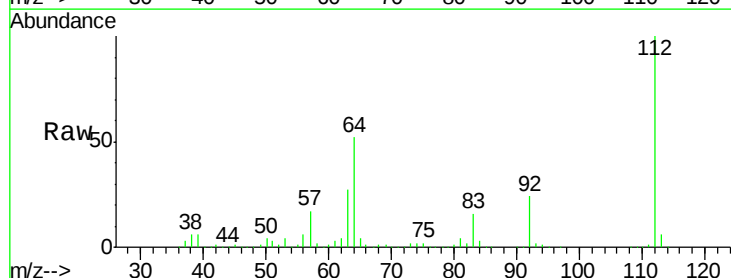
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



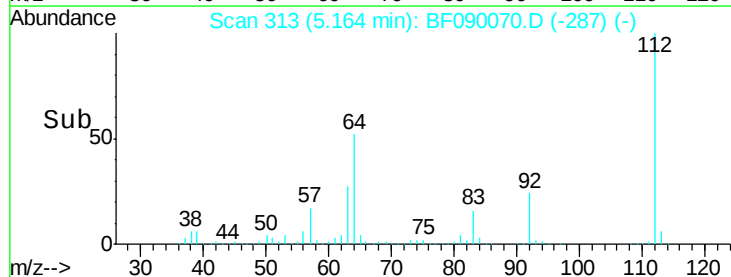
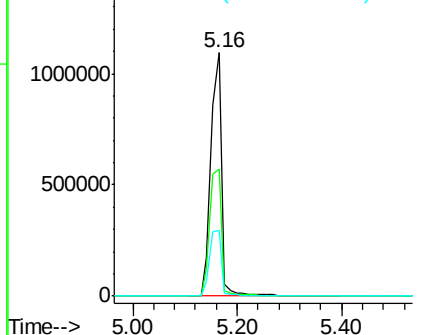
#5

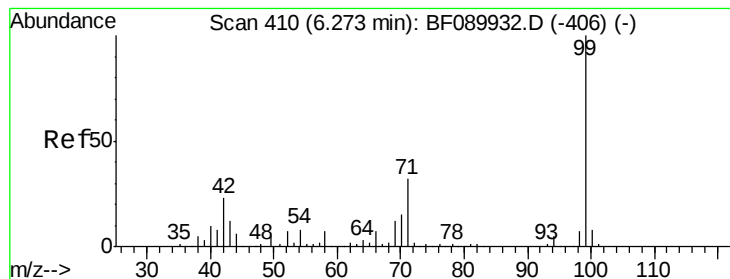
2-Fluorophenol
 Concen: 125.66 ng
 RT: 5.16 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

Tgt Ion:112 Resp: 1579794
 Ion Ratio Lower Upper
 112 100
 64 52.0 41.1 61.7
 63 26.9 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: 119.32 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Instrument :

BNA_F

ClientSampled :

PB93311BL

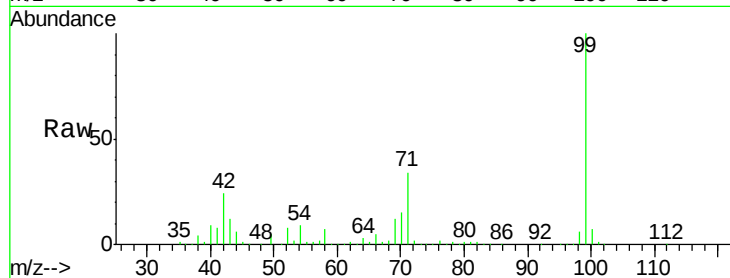
Tgt Ion: 99 Resp: 1822683

Ion Ratio Lower Upper

99 100

42 24.0 18.6 27.8

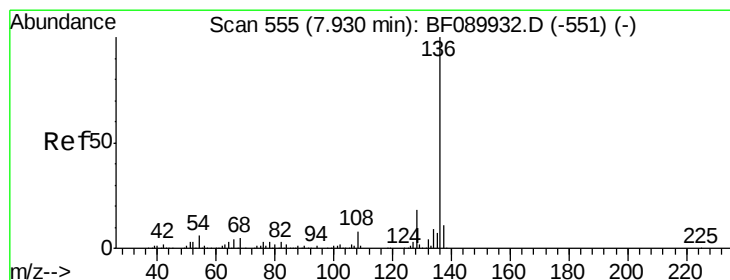
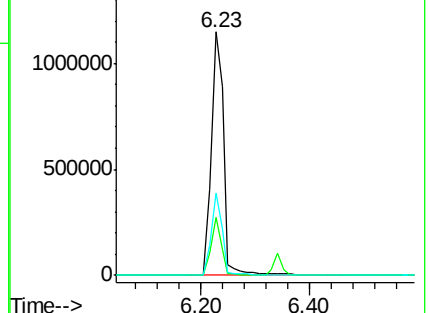
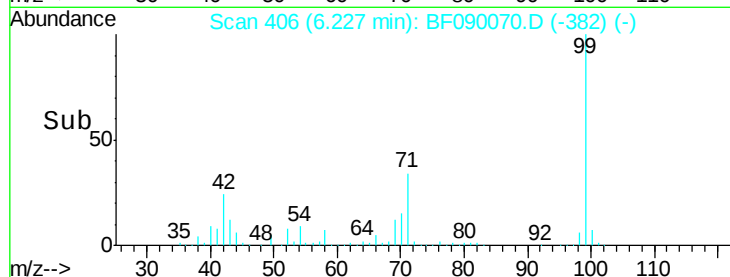
71 33.8 25.8 38.6



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: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Tgt Ion: 136 Resp: 814171

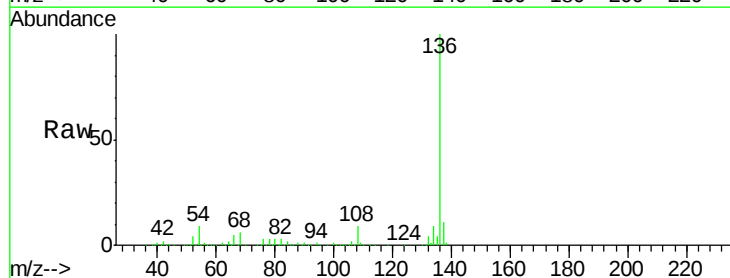
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 8.8 4.8 7.2#

68 5.9 3.7 5.5#

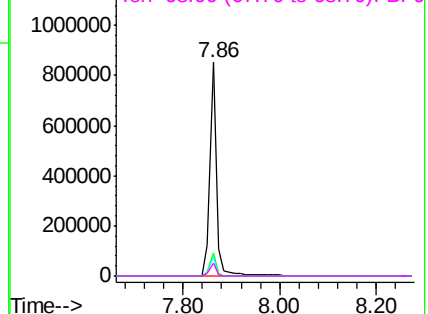
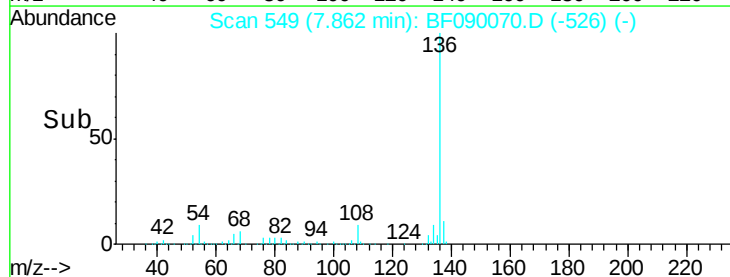


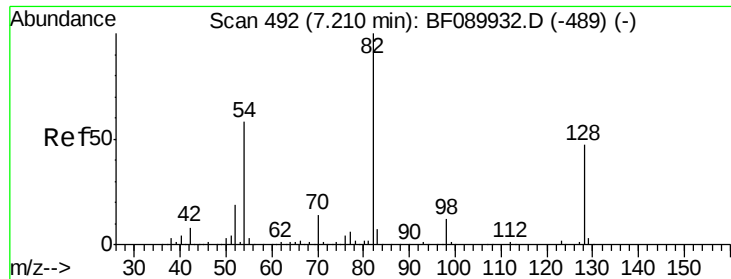
Abundance Ion 136.00 (135.70 to 136.70): E

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

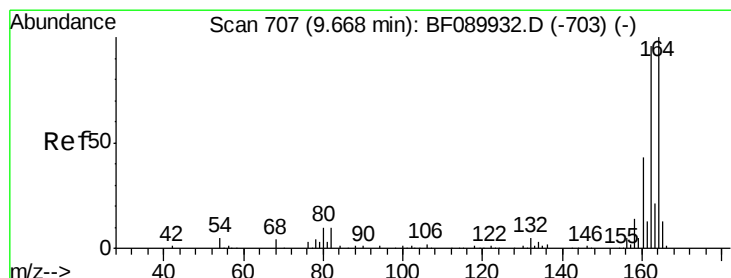
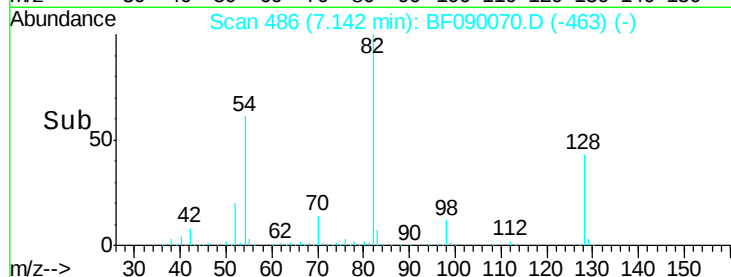
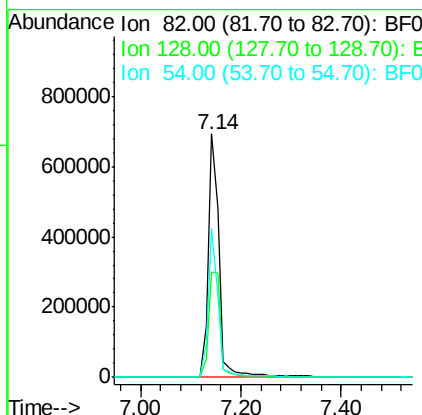
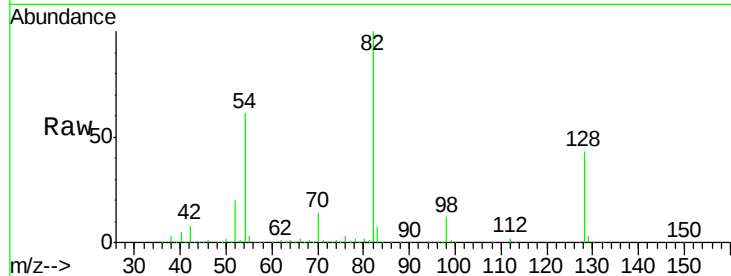




#23
 Nitrobenzene-d5
 Concen: 73.50 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

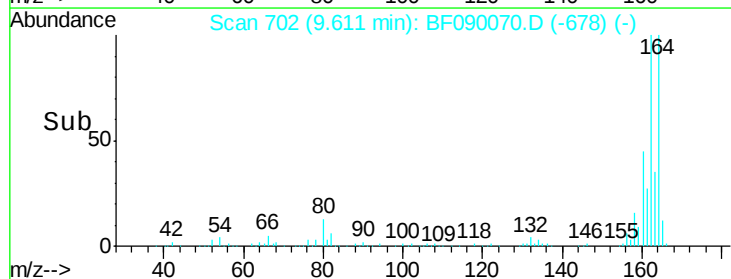
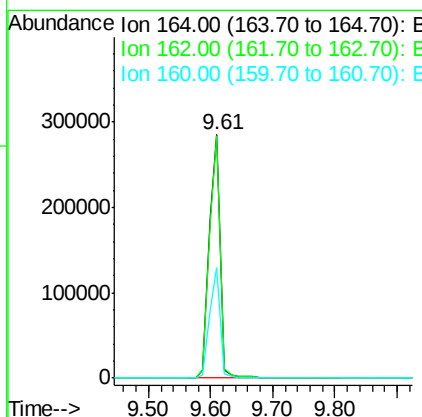
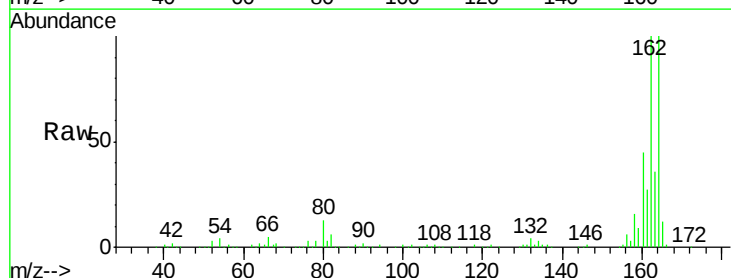
Instrument :
 BNA_F
 ClientSampled :
 PB93311BL

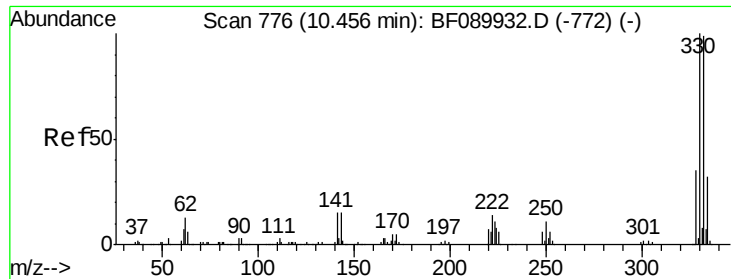
Tgt Ion: 82 Resp: 1031799
 Ion Ratio Lower Upper
 82 100
 128 43.1 37.8 56.8
 54 61.3 46.9 70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

Tgt Ion: 164 Resp: 348775
 Ion Ratio Lower Upper
 164 100
 162 99.8 77.1 115.7
 160 45.3 35.3 52.9

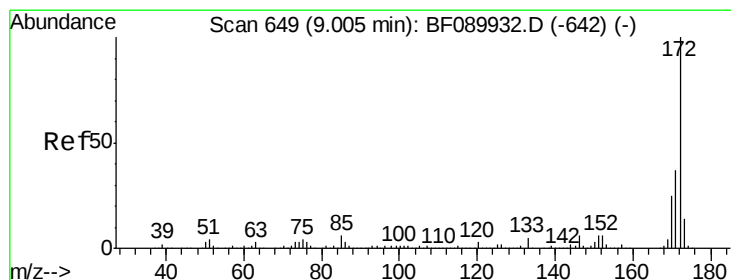
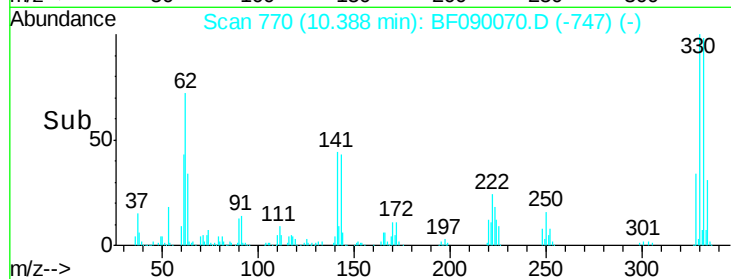
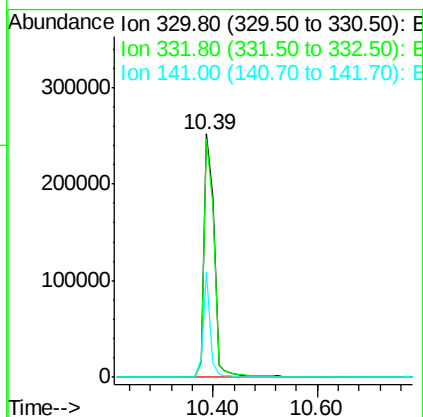
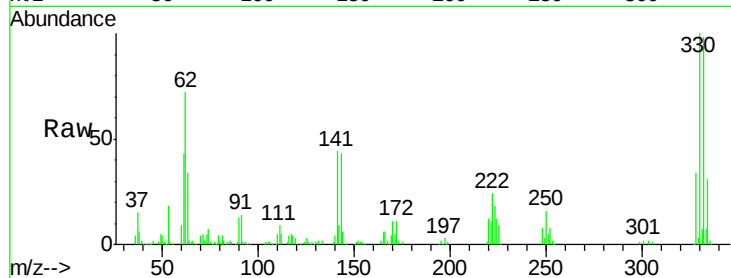




#41
 2,4,6-Tribromophenol
 Concen: 99.60 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

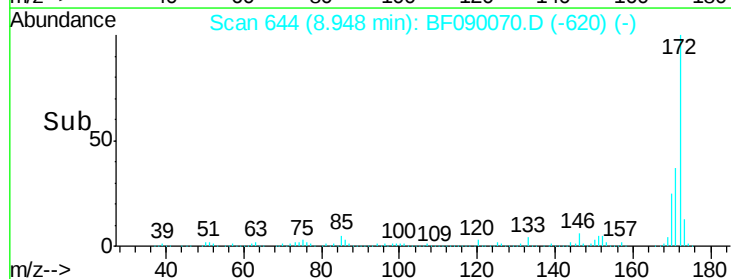
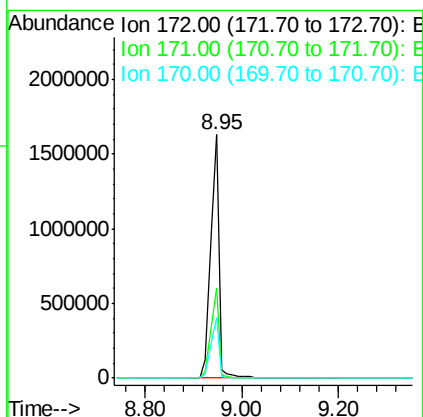
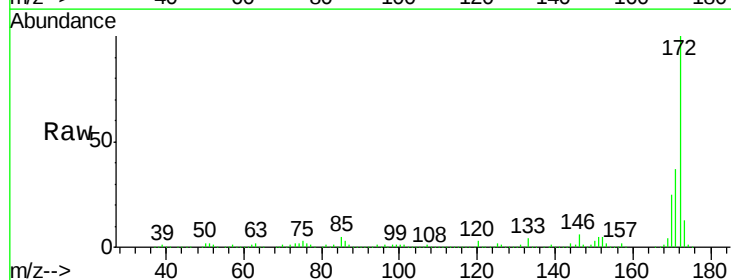
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BL

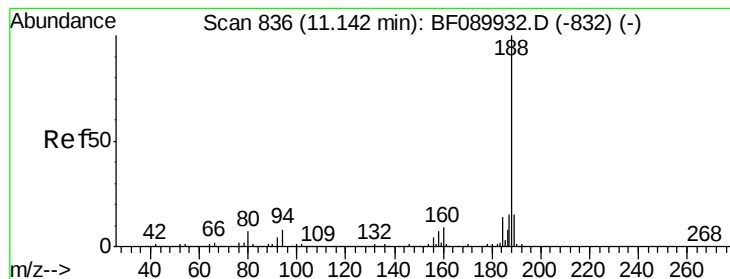
Tgt Ion:330 Resp: 342727
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.6 117.8
 141 31.0 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 94.75 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

Tgt Ion:172 Resp: 2013222
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.2
 170 24.8 20.1 30.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

PB93311BL

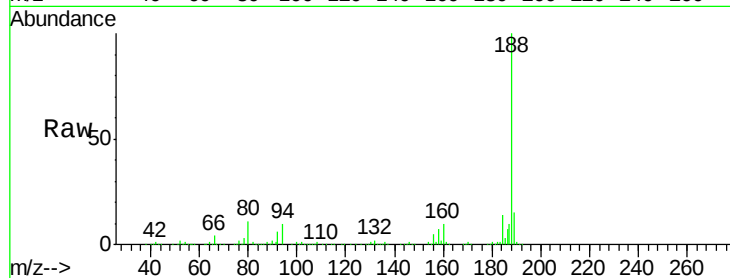
Tgt Ion:188 Resp: 584590

Ion Ratio Lower Upper

188 100

94 10.2 5.9 8.9#

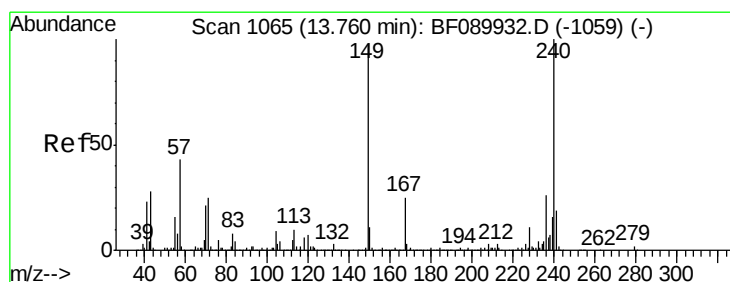
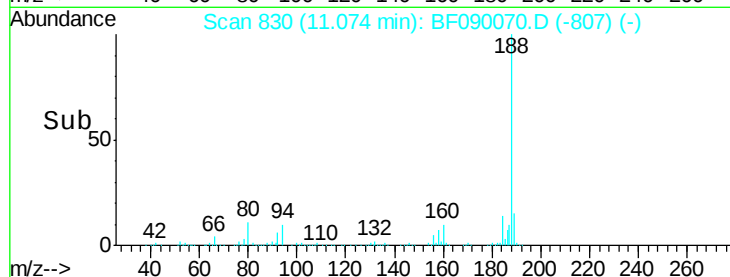
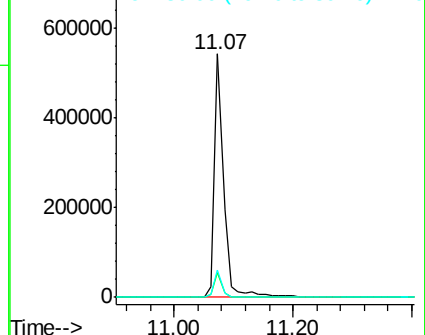
80 11.1 5.8 8.8#



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: 13.69 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

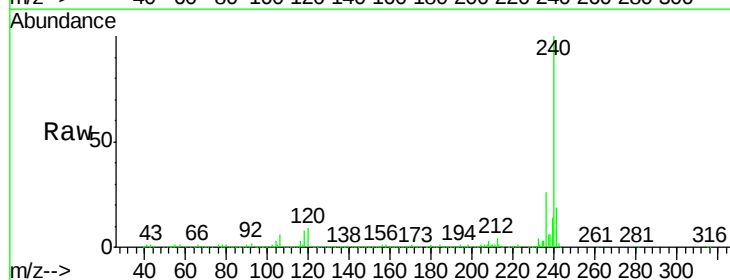
Tgt Ion:240 Resp: 514683

Ion Ratio Lower Upper

240 100

120 9.4 5.7 8.5#

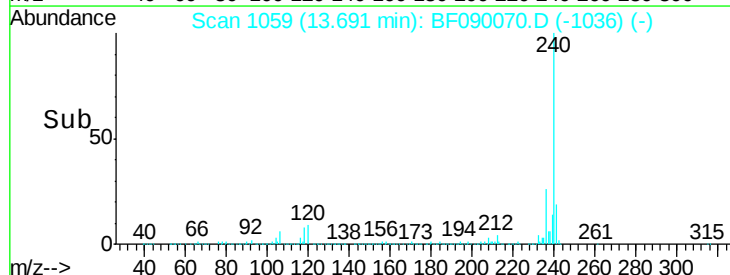
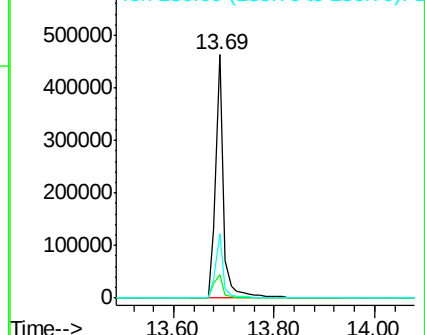
236 26.2 21.3 31.9

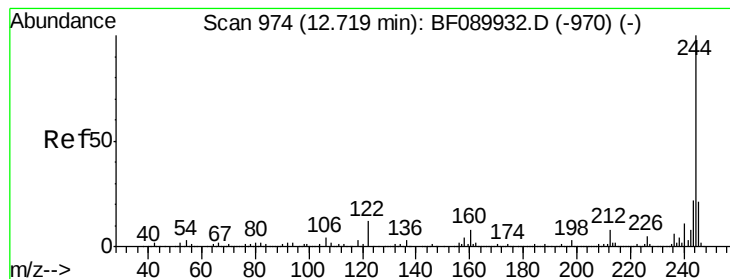


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.50 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

PB93311BL

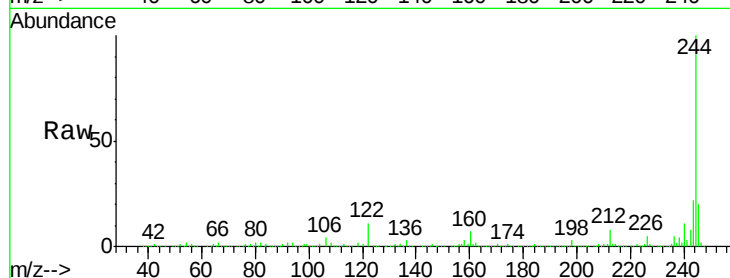
Tgt Ion:244 Resp: 1552166

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

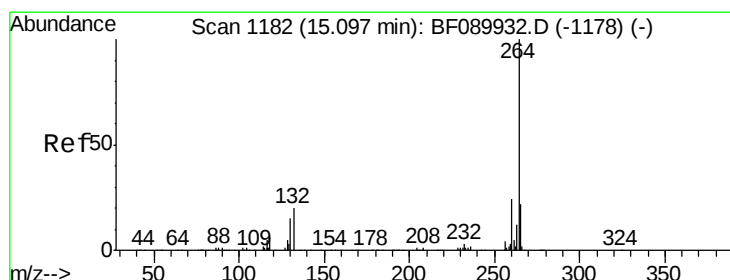
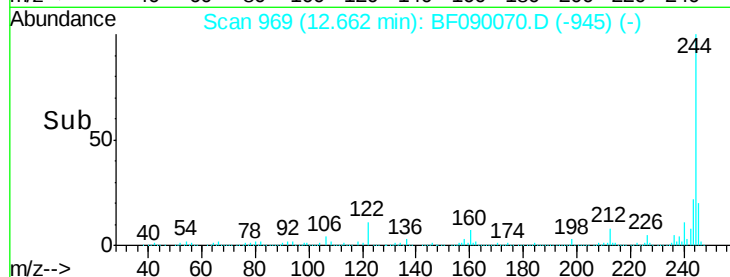
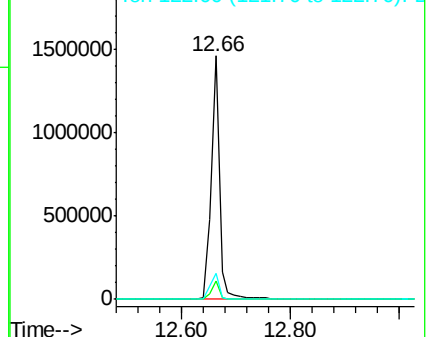
122 10.7 9.6 14.4



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: 15.03 min Scan# 1176

Delta R.T. -0.03 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

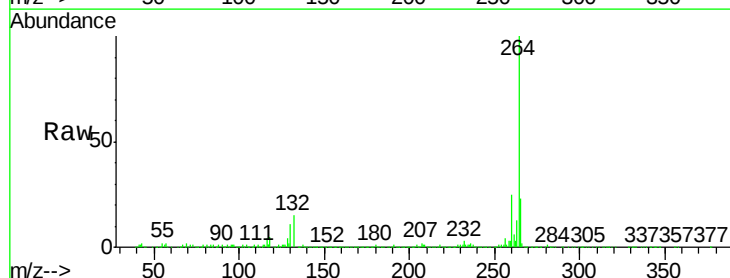
Tgt Ion:264 Resp: 356094

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.0

265 22.6 17.4 26.2



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

