

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089940.D
 Acq On : 31 Aug 2016 10:27
 Operator : UM/SJ
 Sample : PB93146BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BL

Quant Time: Aug 31 15:57:41 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	222281	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	888982	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	465013	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	890441	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	727004	20.00	ng	-0.01
86) Perylene-d12	15.10	264	569435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	936085	67.41	ng	0.01
7) Phenol-d6	6.27	99	1056731	62.63	ng	0.00
23) Nitrobenzene-d5	7.20	82	905865	59.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	229657	50.06	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1823432	64.37	ng	-0.01
78) Terphenyl-d14	12.72	244	1718807	58.40	ng	0.00

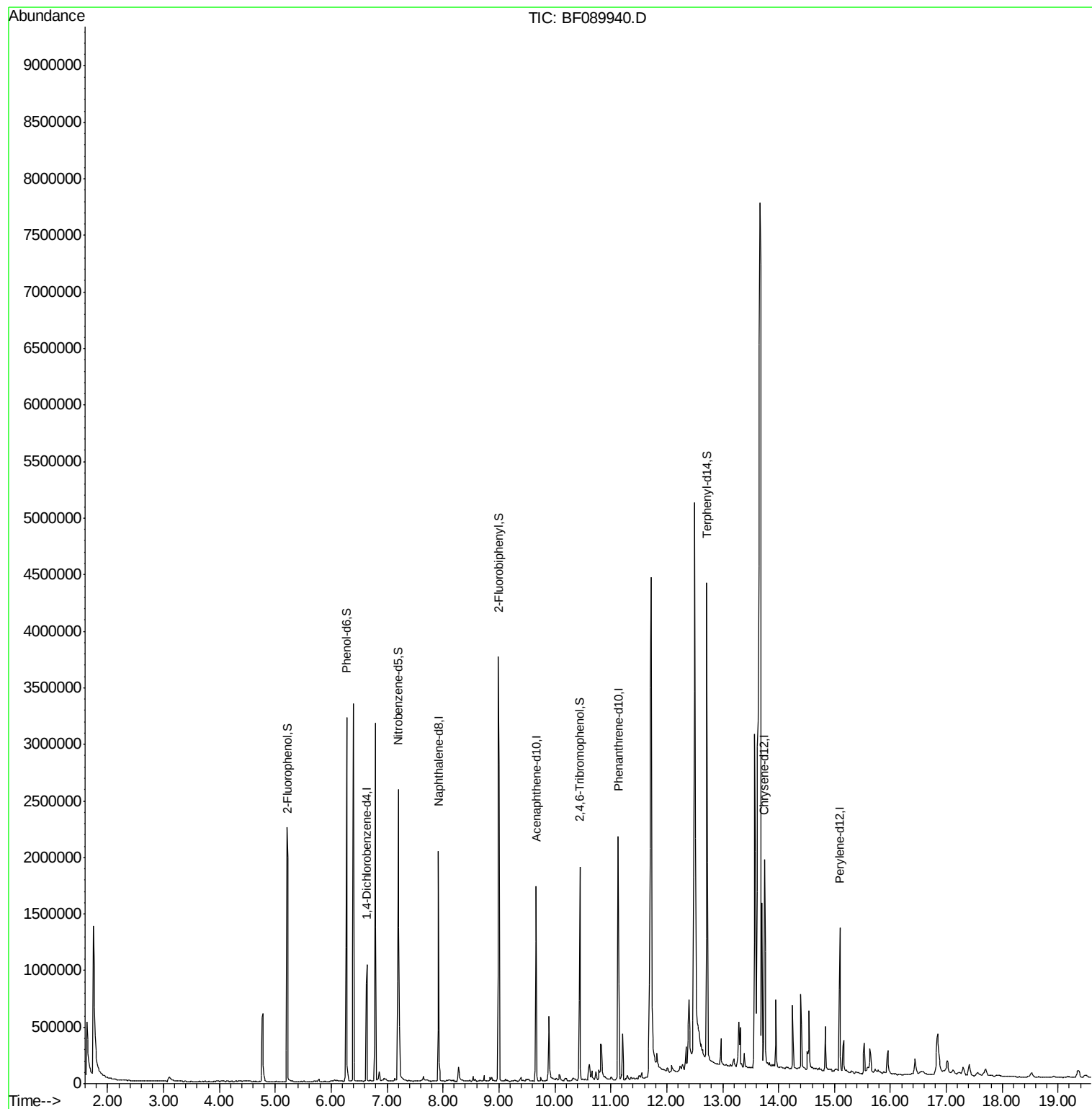
Target Compounds	Qvalue
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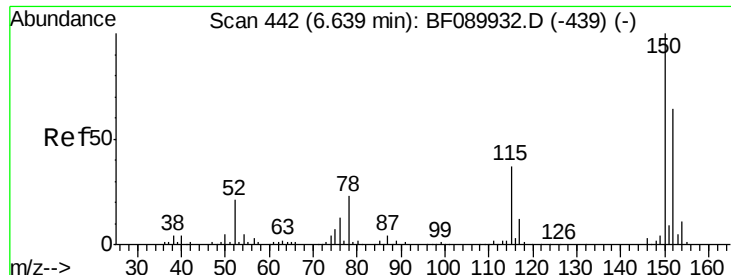
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

Instrument :

BNA_F

ClientSampleId :

PB93146BL

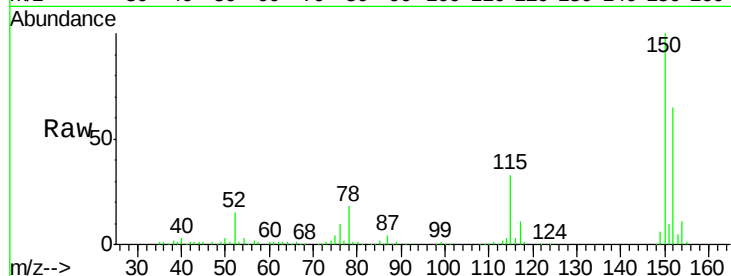
Tgt Ion:152 Resp: 222281

Ion Ratio Lower Upper

152 100

150 153.1 127.4 191.2

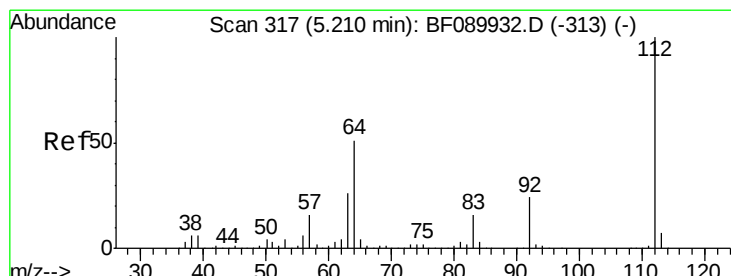
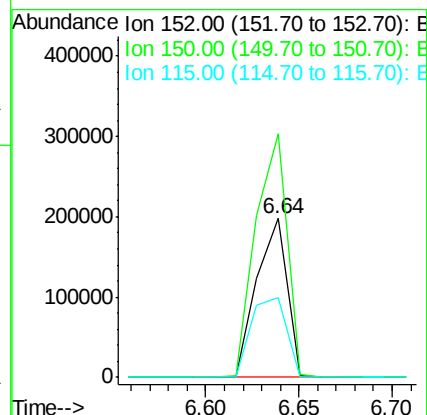
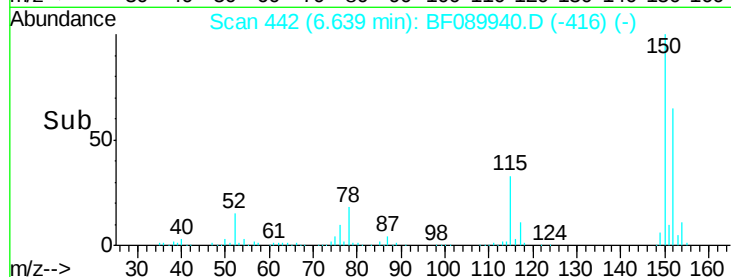
115 50.3 46.3 69.5



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: 67.41 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

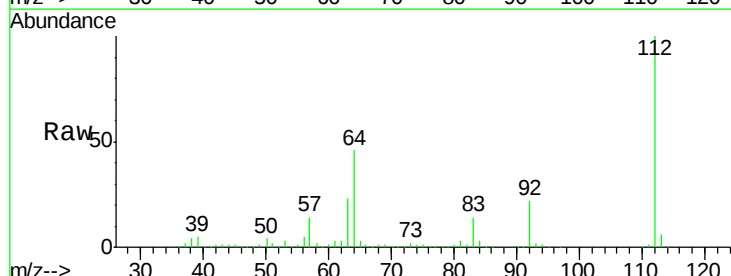
Tgt Ion:112 Resp: 936085

Ion Ratio Lower Upper

112 100

64 46.0 41.1 61.7

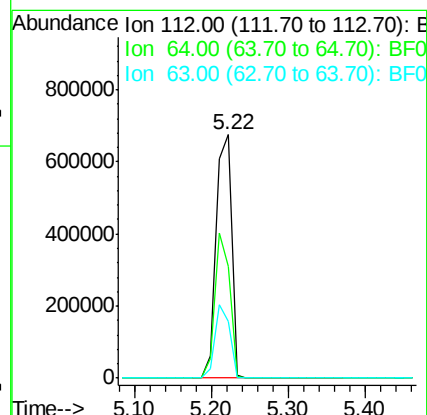
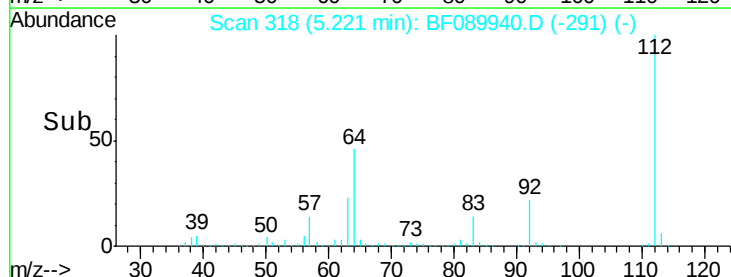
63 23.4 21.2 31.8

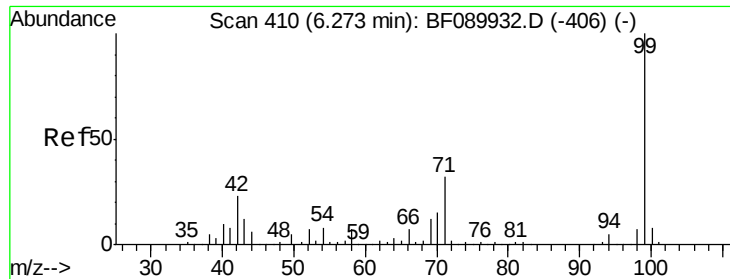


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 62.63 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

Instrument :

BNA_F

ClientSampleId :

PB93146BL

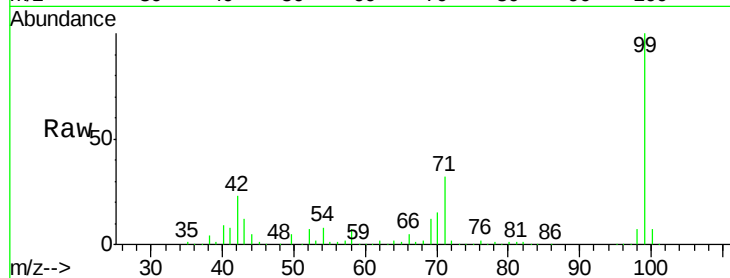
Tgt Ion: 99 Resp: 1056731

Ion Ratio Lower Upper

99 100

42 22.8 18.6 27.8

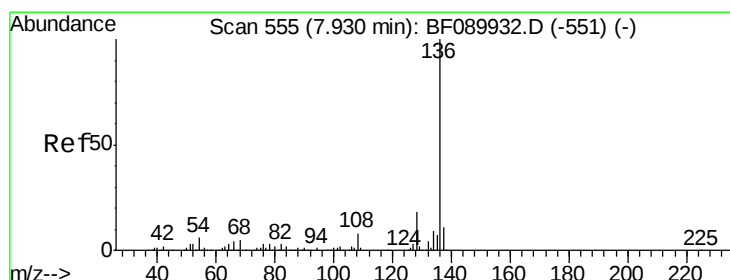
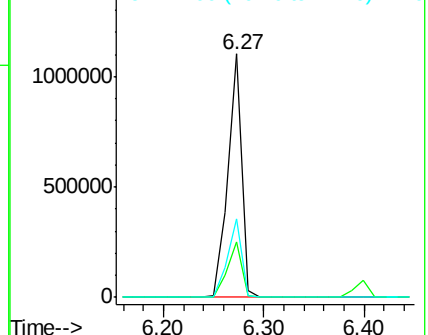
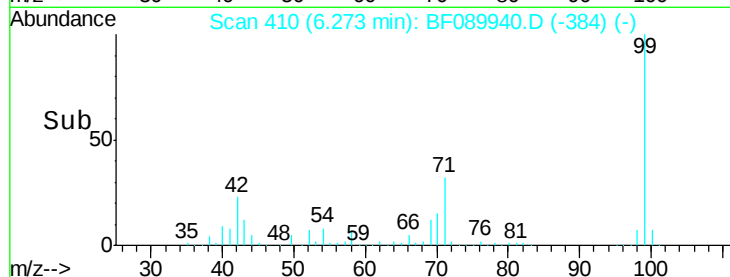
71 32.4 25.8 38.6



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: BF089940.D

Acq: 31 Aug 2016 10:27

Tgt Ion: 136 Resp: 888982

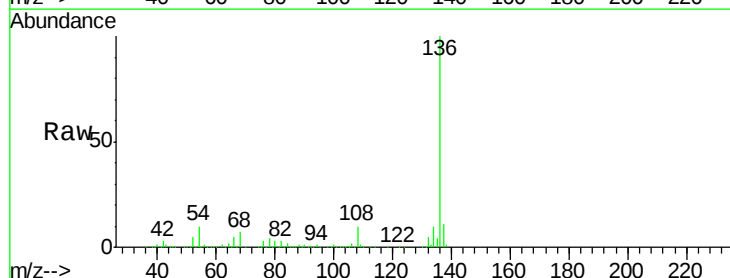
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 9.9 4.8 7.2#

68 6.8 3.7 5.5#

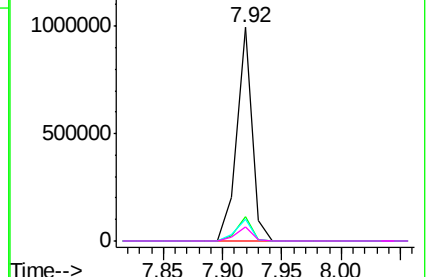
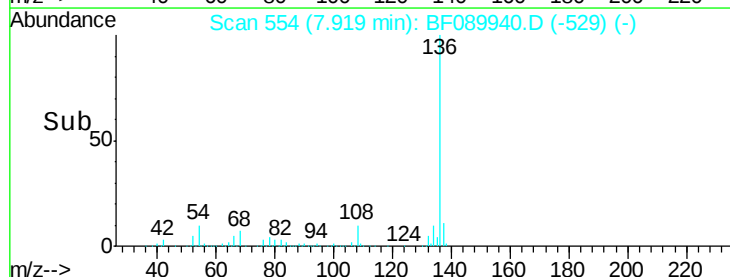


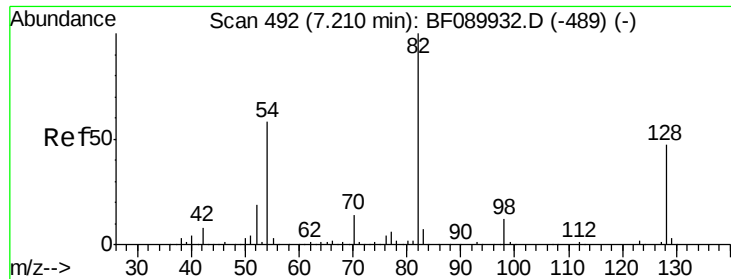
Abundance Ion 136.00 (135.70 to 136.70): E

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

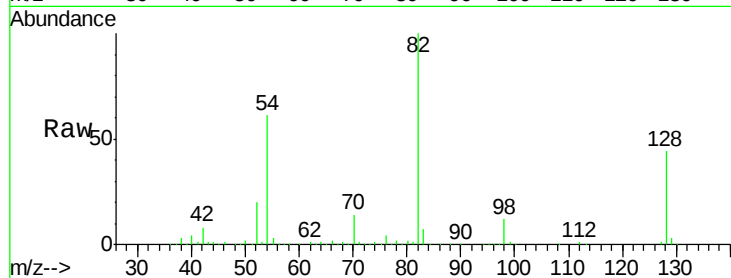




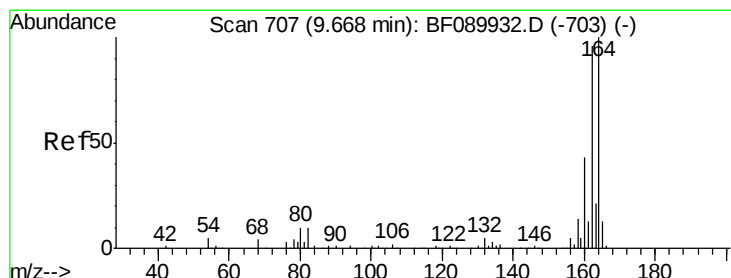
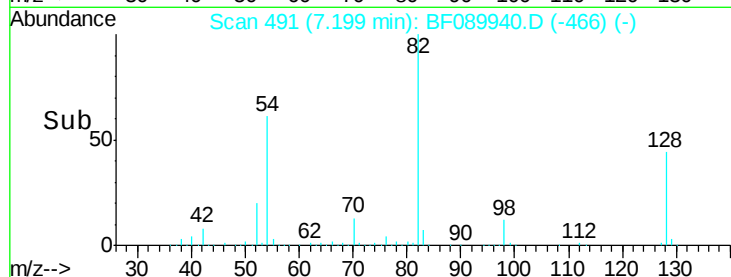
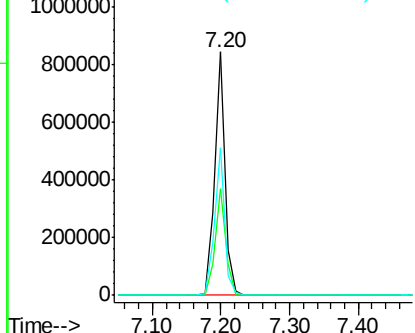
#23
 Nitrobenzene-d5
 Concen: 59.10 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089940.D
 Acq: 31 Aug 2016 10:27

Instrument :
 BNA_F
 ClientSampleID :
 PB93146BL

Tgt Ion: 82 Resp: 905865
 Ion Ratio Lower Upper
 82 100
 128 44.0 37.8 56.8
 54 60.5 46.9 70.3

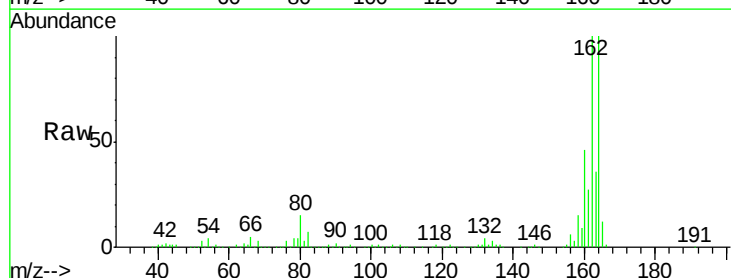


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

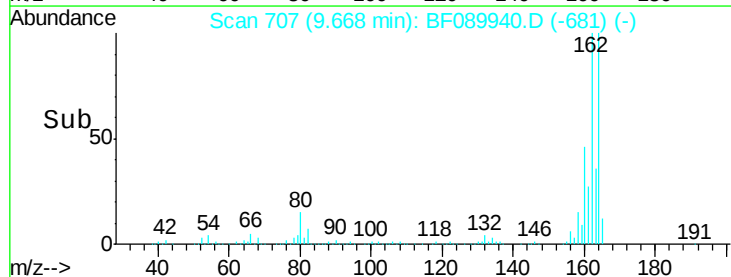
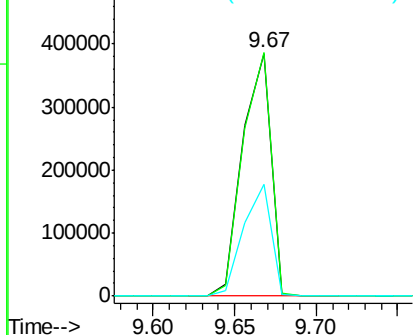


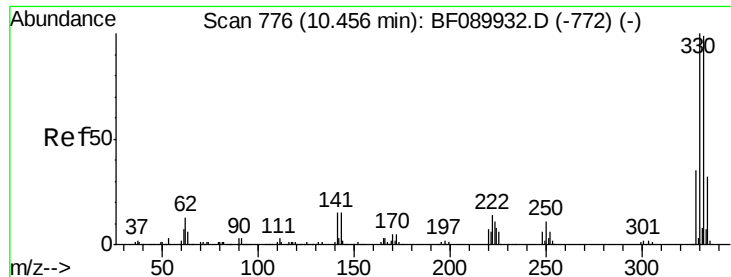
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089940.D
 Acq: 31 Aug 2016 10:27

Tgt Ion: 164 Resp: 465013
 Ion Ratio Lower Upper
 164 100
 162 100.5 77.1 115.7
 160 46.2 35.3 52.9



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

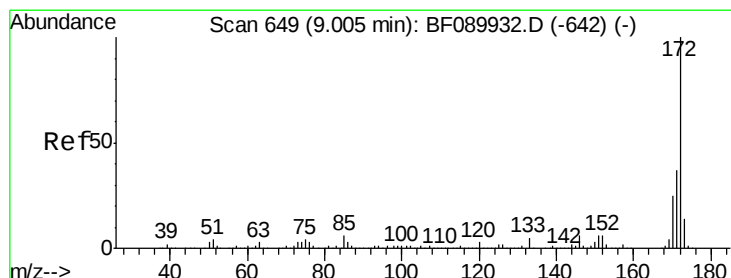
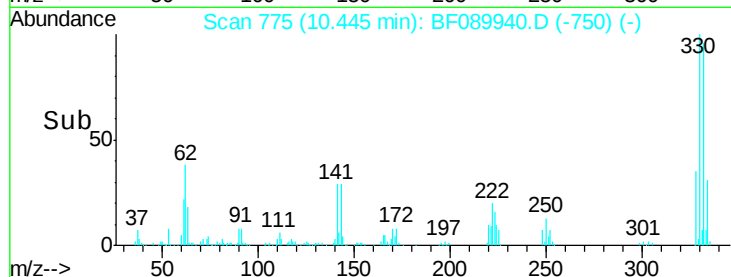
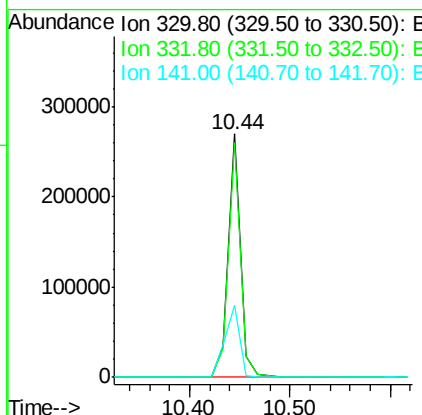
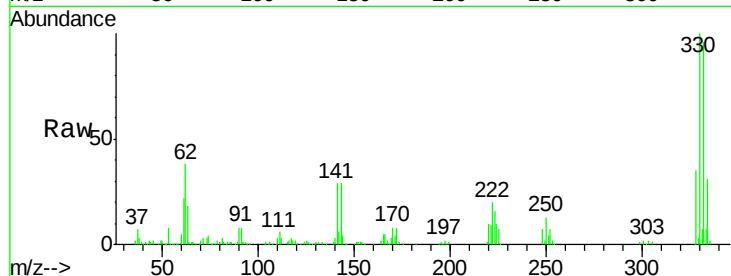




#41
 2,4,6-Tribromophenol
 Concen: 50.06 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089940.D
 Acq: 31 Aug 2016 10:27

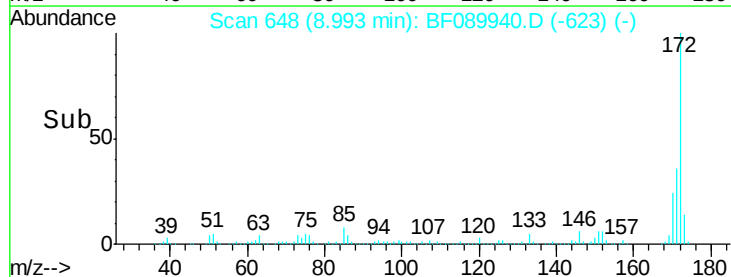
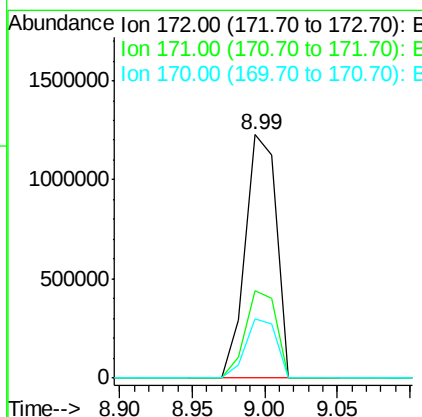
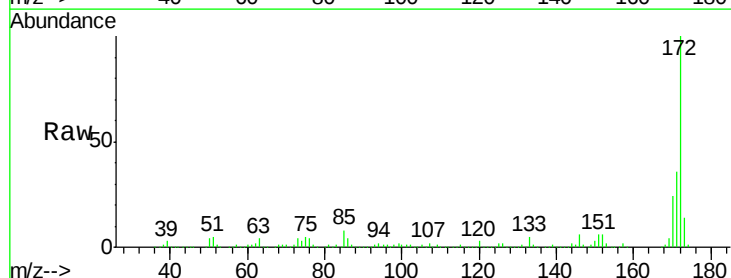
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BL

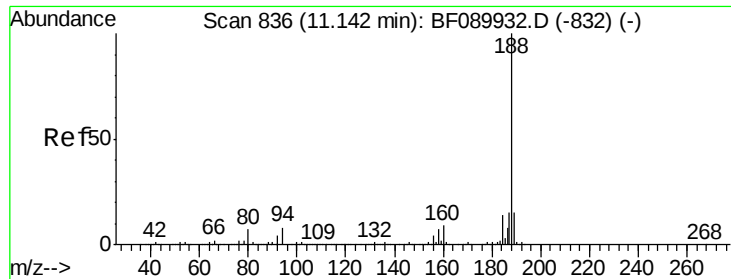
Tgt Ion:330 Resp: 229657
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.6 117.8
 141 35.9 23.3 34.9#



#44
 2-Fluorobiphenyl
 Concen: 64.37 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089940.D
 Acq: 31 Aug 2016 10:27

Tgt Ion:172 Resp: 1823432
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.5 20.1 30.1

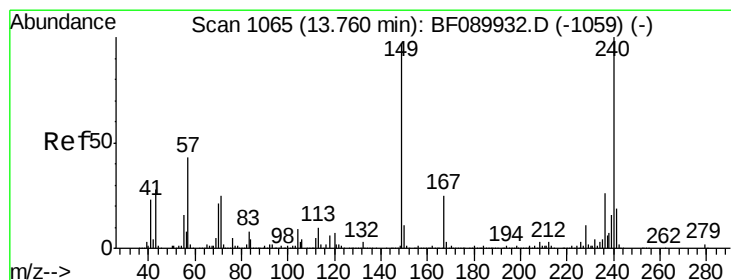
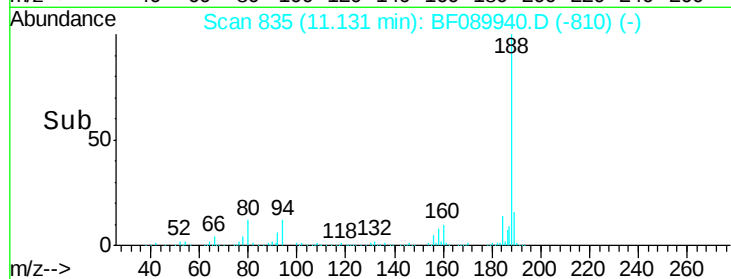
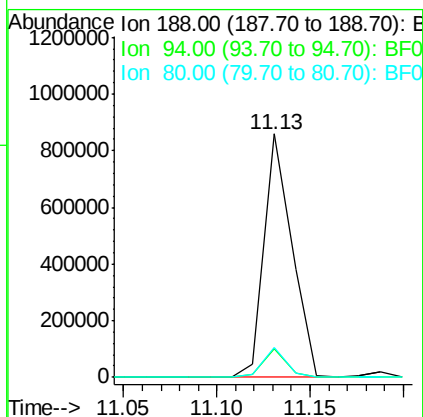
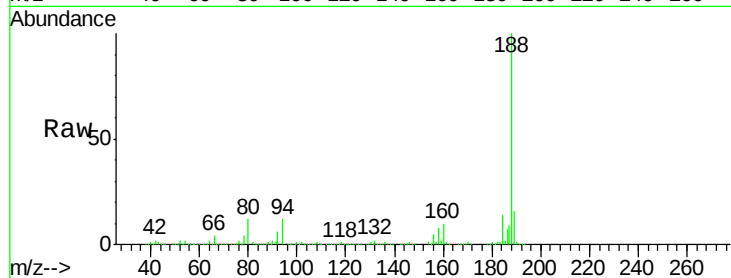




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

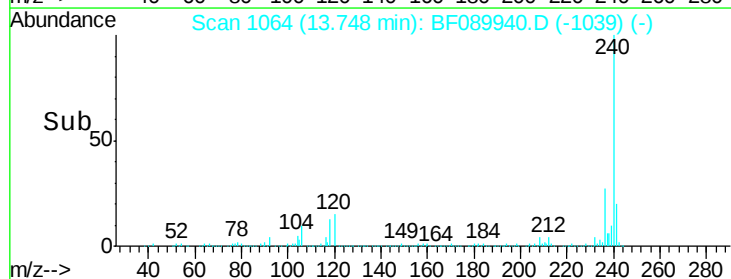
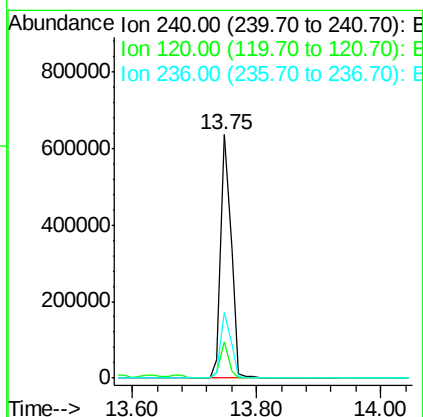
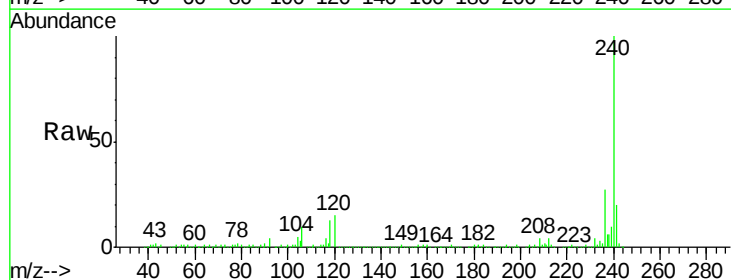
Instrument :
BNA_F
ClientSampleId :
PB93146BL

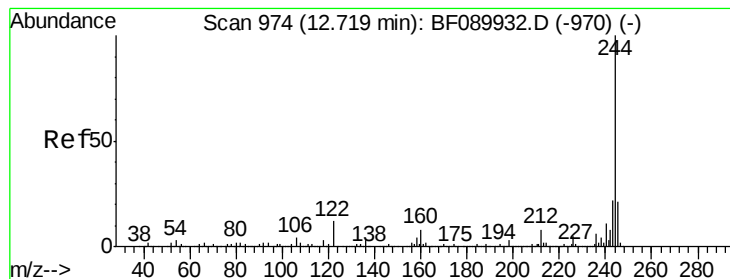
Tgt Ion:188 Resp: 890441
Ion Ratio Lower Upper
188 100
94 11.9 5.9 8.9#
80 12.4 5.8 8.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

Tgt Ion:240 Resp: 727004
Ion Ratio Lower Upper
240 100
120 14.9 5.7 8.5#
236 27.0 21.3 31.9





#78

Terphenyl-d14

Concen: 58.40 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

Instrument :

BNA_F

ClientSampleId :

PB93146BL

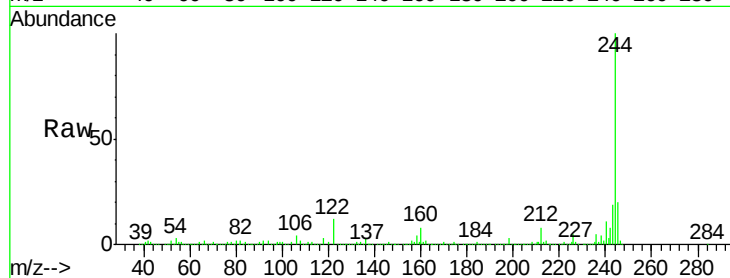
Tgt Ion:244 Resp: 1718807

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

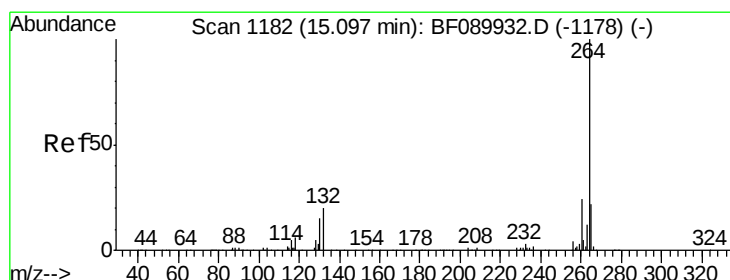
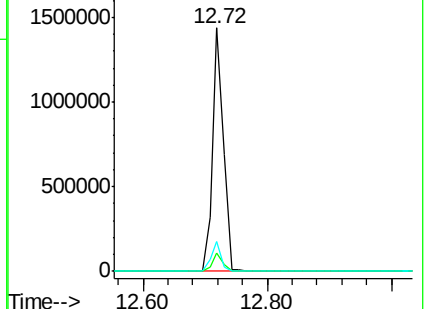
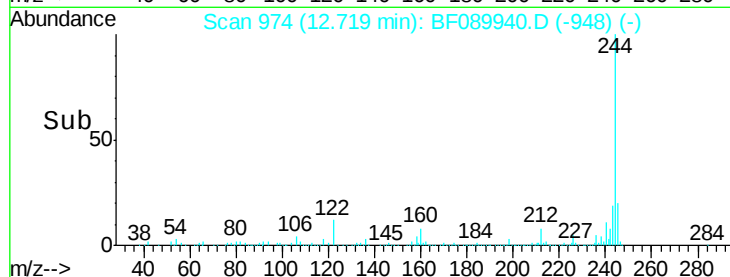
122 12.4 9.6 14.4



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: BF089940.D

Acq: 31 Aug 2016 10:27

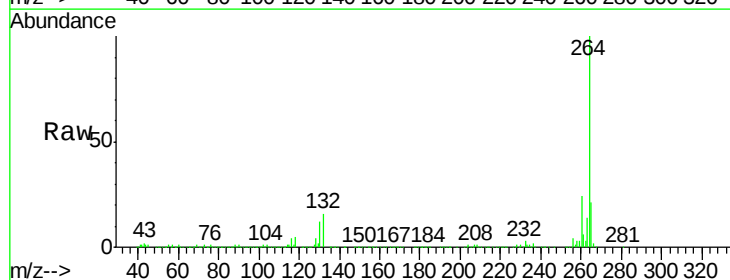
Tgt Ion:264 Resp: 569435

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 21.4 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

