

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089290.D
 Acq On : 25 Jul 2016 21:43
 Operator : UM/SJ
 Sample : H4207-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-N

Quant Time: Jul 26 02:14:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

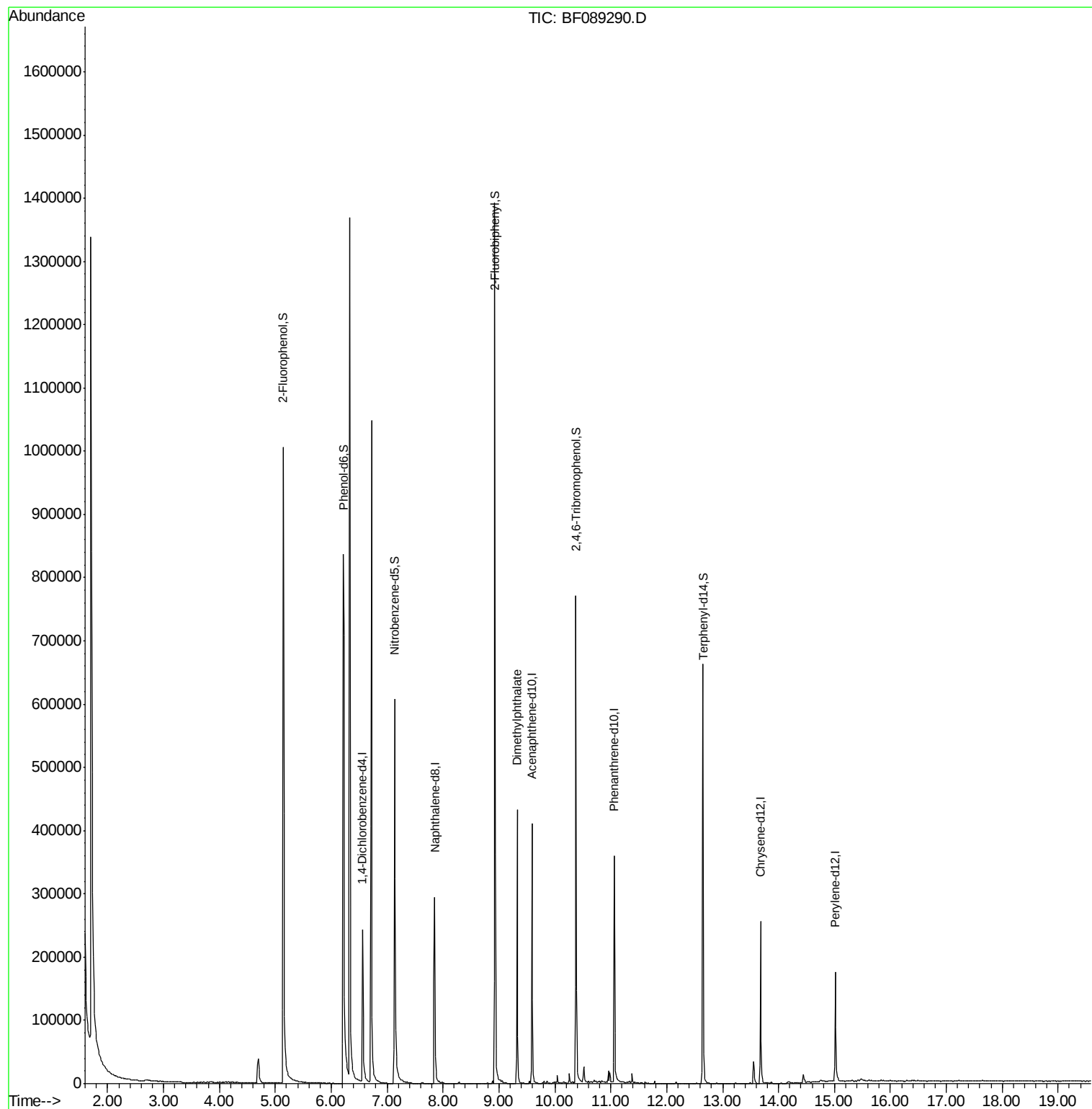
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	50634	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	198429	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	85594	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	146071	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	98815	20.00	ng	-0.01
86) Perylene-d12	15.02	264	81301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	374823	112.58	ng	0.00
7) Phenol-d6	6.22	99	513251	119.55	ng	-0.01
23) Nitrobenzene-d5	7.13	82	308292	82.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	79731	103.46	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	481270	77.47	ng	-0.01
78) Terphenyl-d14	12.65	244	311910	68.46	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	170349	25.94	ng	98

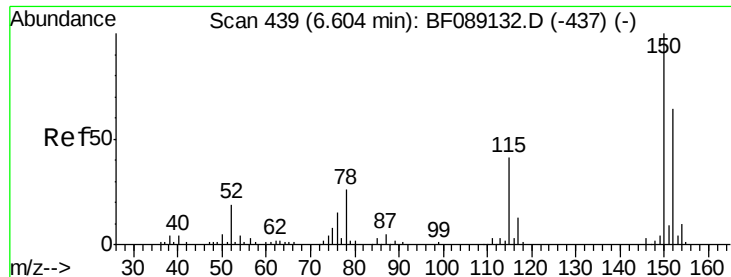
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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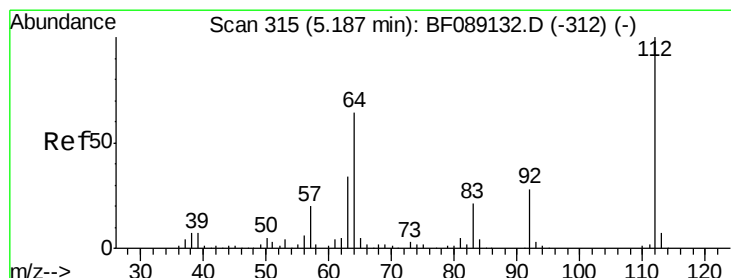
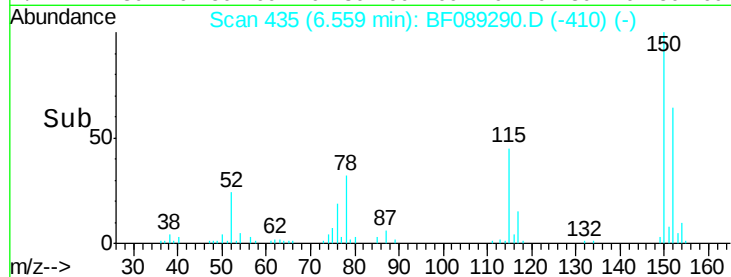
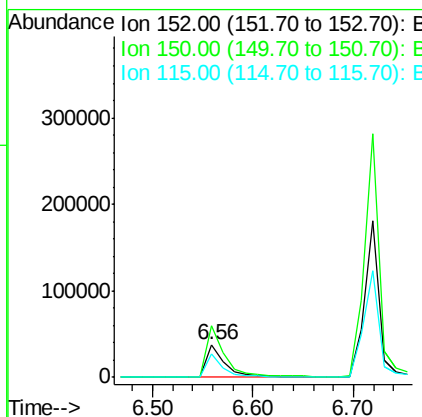
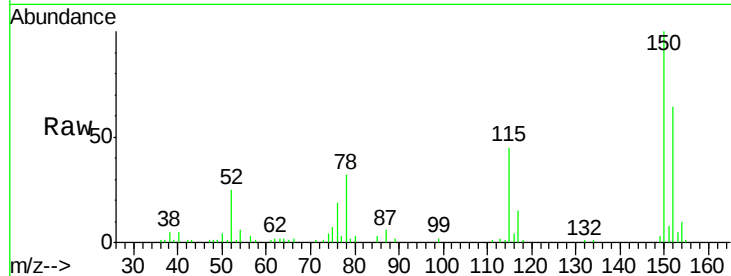


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 B1-N

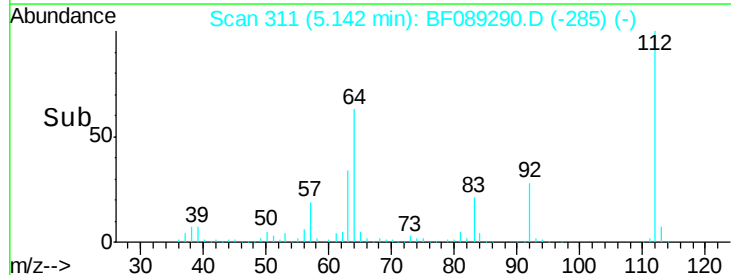
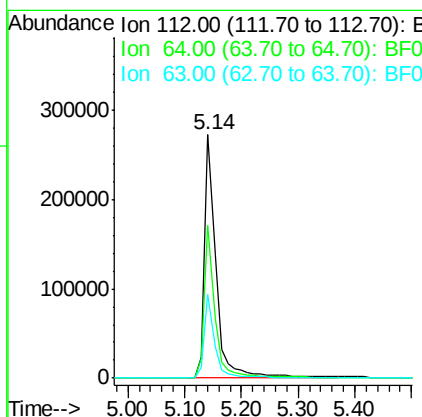
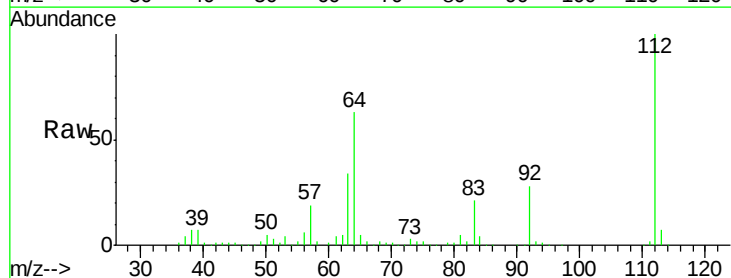
Tot Ion:152 Resp: 50634
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.1 187.7
 115 70.8 51.1 76.7

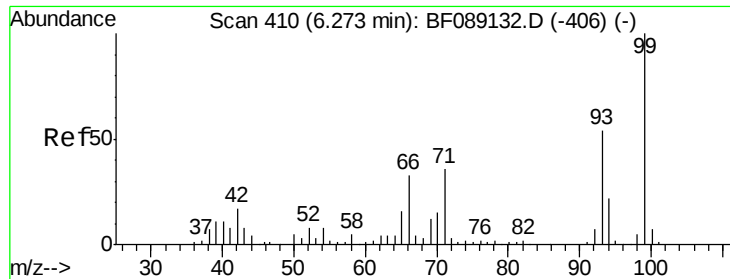


#5

2-Fluorophenol
 Concen: 112.58 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Tgt Ion:112 Resp: 374823
 Ion Ratio Lower Upper
 112 100
 64 62.5 51.0 76.4
 63 34.3 27.3 40.9





#7

Phenol-d6

Concen: 119.55 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

Instrument :

BNA_F

ClientSampleId :

B1-N

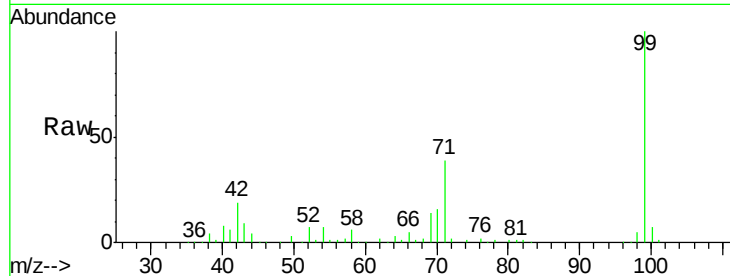
Tot Ion: 99 Resp: 513251

Ion Ratio Lower Upper

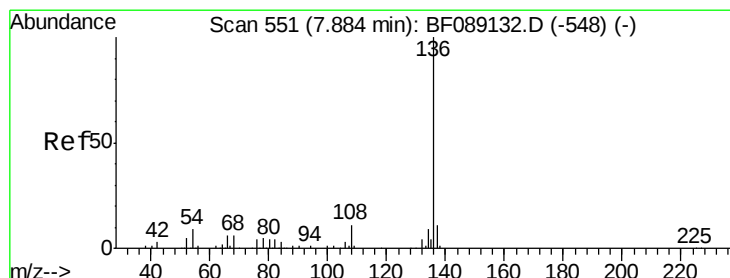
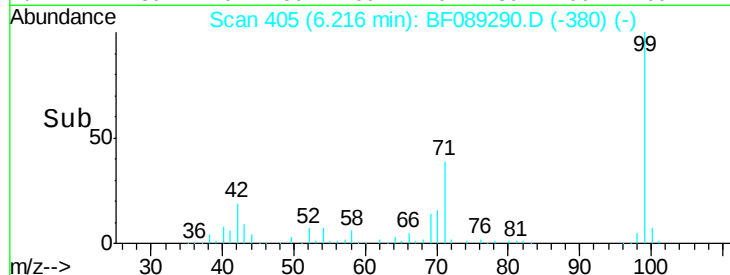
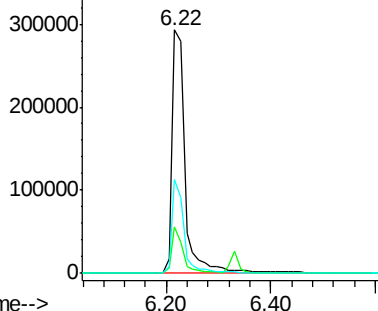
99 100

42 19.1 13.5 20.3

71 38.8 28.9 43.3



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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

Tgt Ion: 136 Resp: 198429

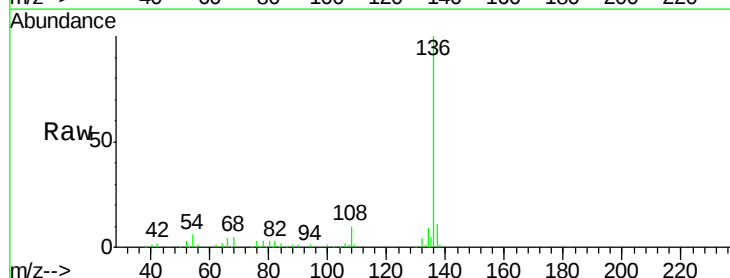
Ion Ratio Lower Upper

136 100

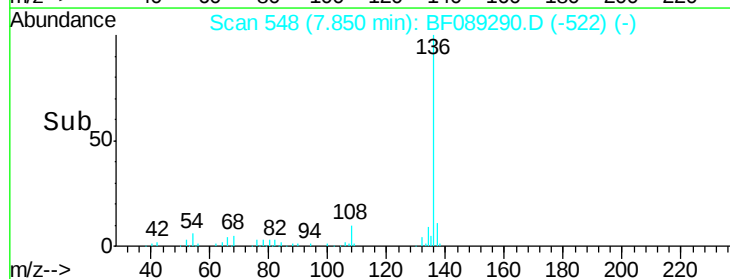
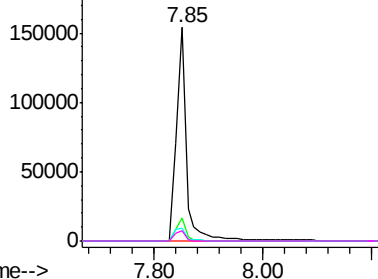
137 10.6 8.8 13.2

54 5.9 7.0 10.4#

68 4.7 5.0 7.6#



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

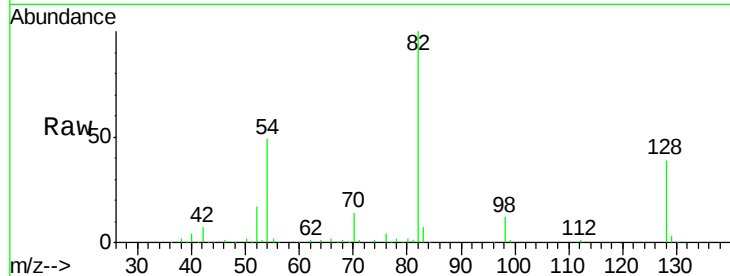




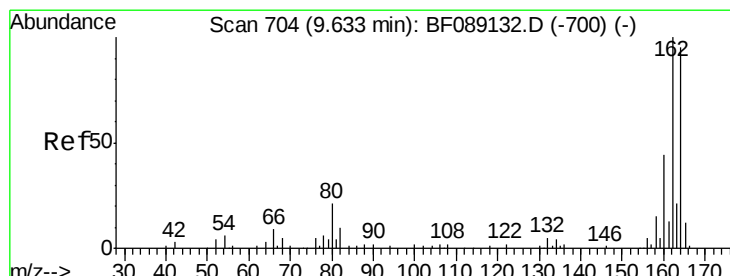
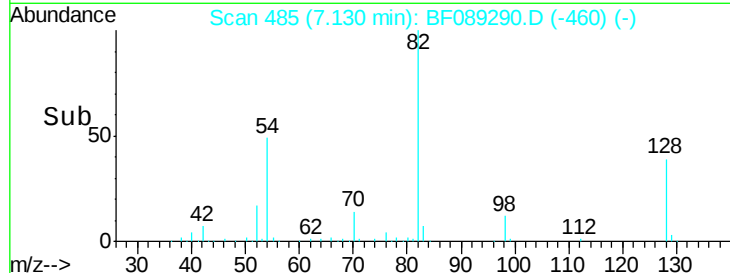
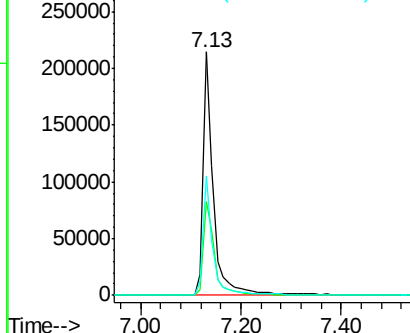
#23
 Nitrobenzene-d5
 Concen: 82.55 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Instrument :
 BNA_F
 ClientSampled :
 B1-N

Tot Ion:	82	Resp:	308292
Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.0	49.6
54	49.3	39.0	58.4

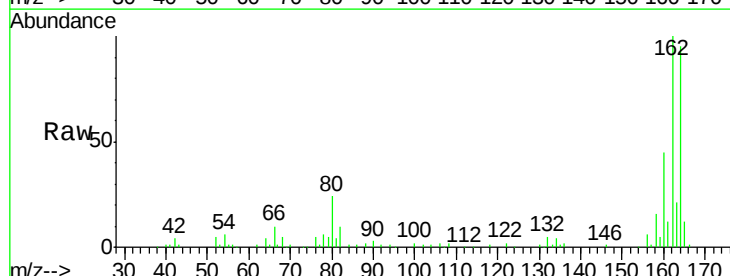


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

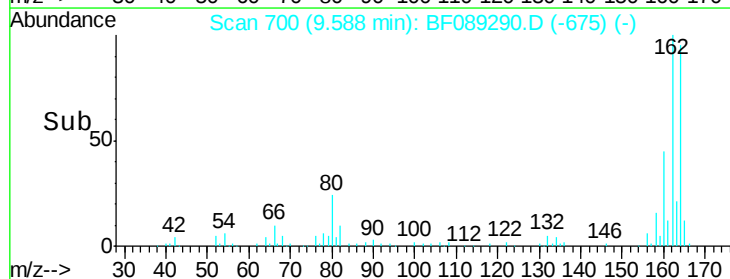
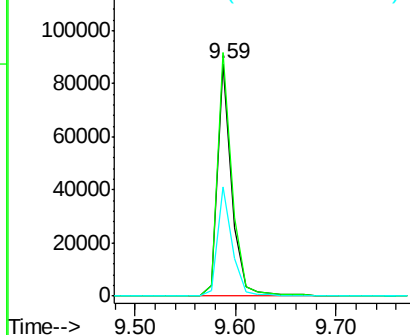


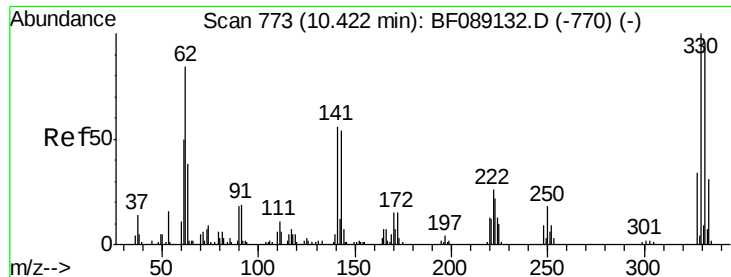
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Tgt Ion:	164	Resp:	85594
Ion	Ratio	Lower	Upper
164	100		
162	104.8	84.1	126.1
160	47.2	37.1	55.7



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

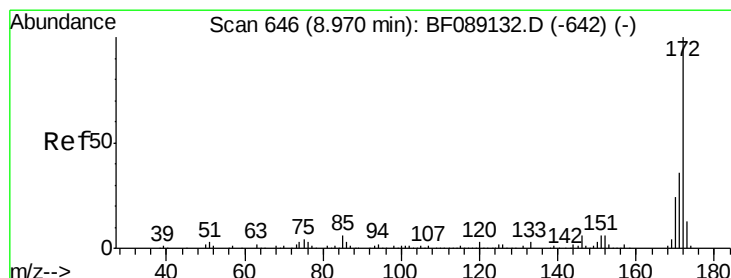
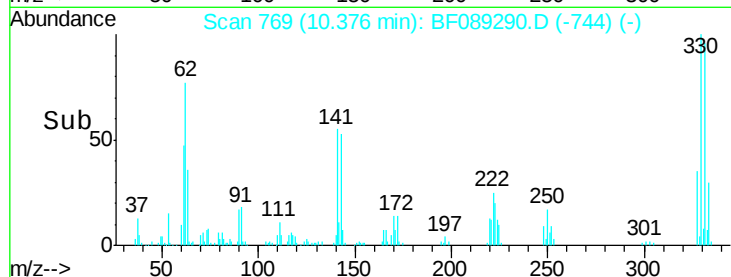
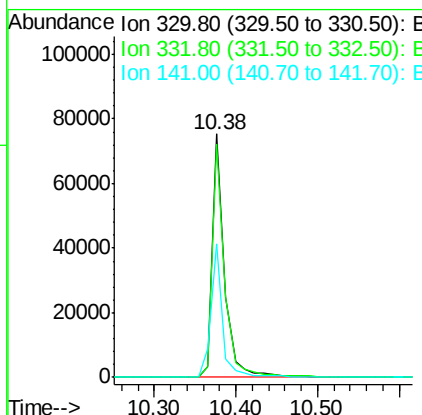
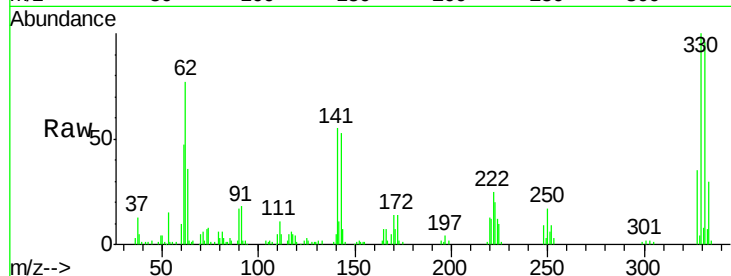




#41
 2,4,6-Tribromophenol
 Concen: 103.46 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

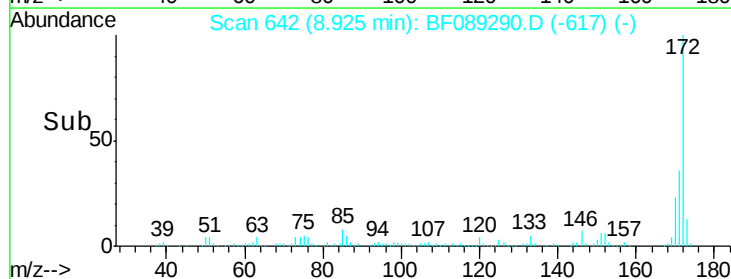
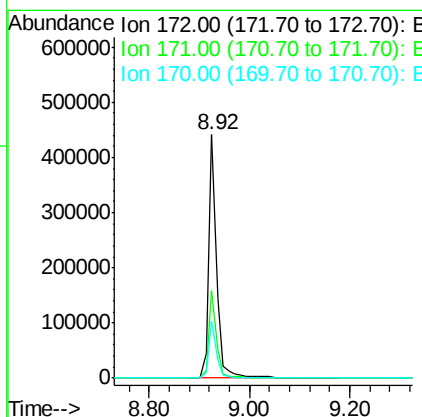
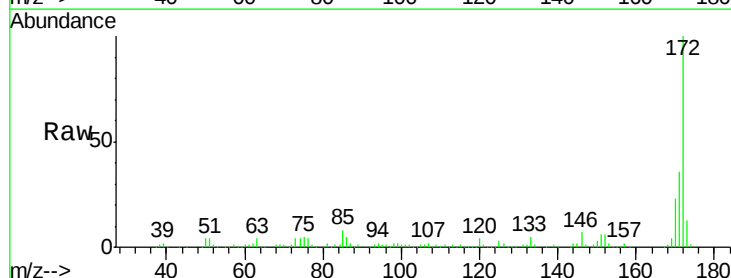
Instrument :
 BNA_F
 ClientSampleId :
 B1-N

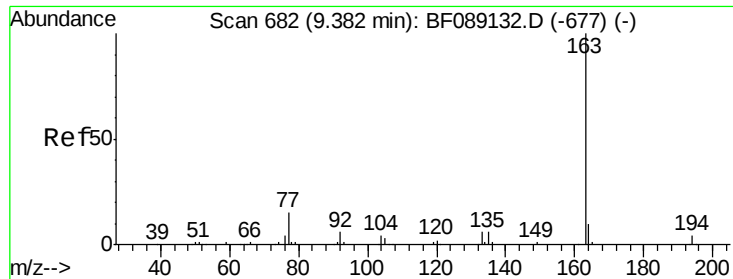
Tot Ion:330 Resp: 79731
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 52.7 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 77.47 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Tgt Ion:172 Resp: 481270
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.5 19.1 28.7

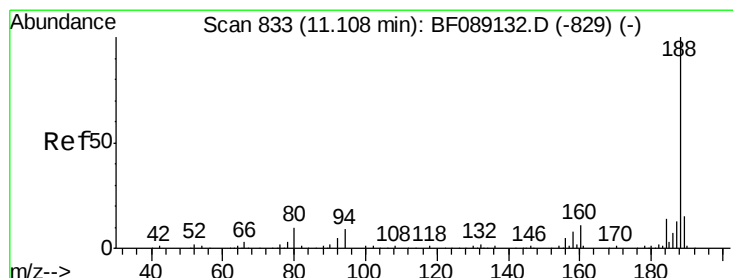
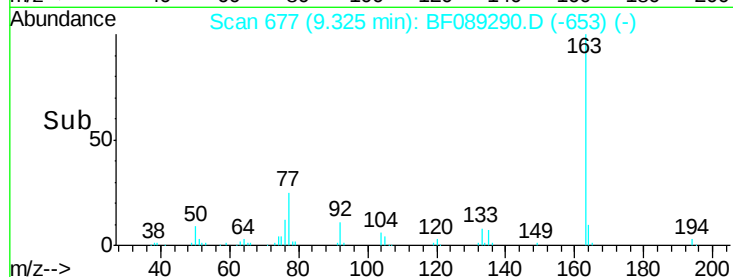
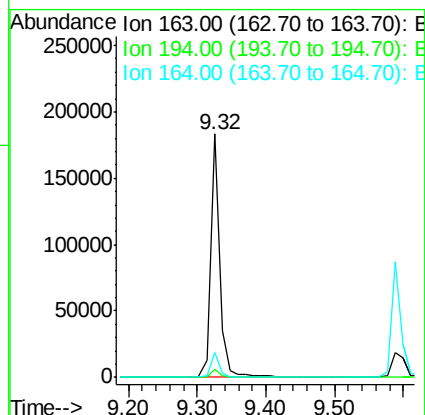
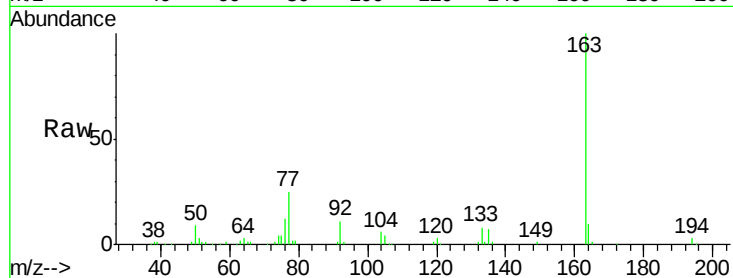




#49
Dimethylphthalate
Concen: 25.94 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089290.D
Acq: 25 Jul 2016 21:43

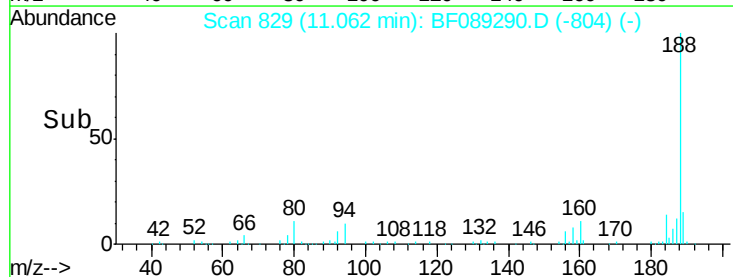
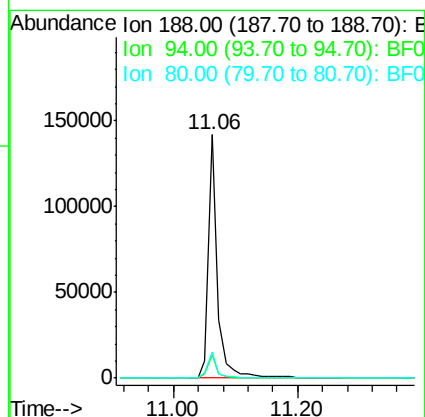
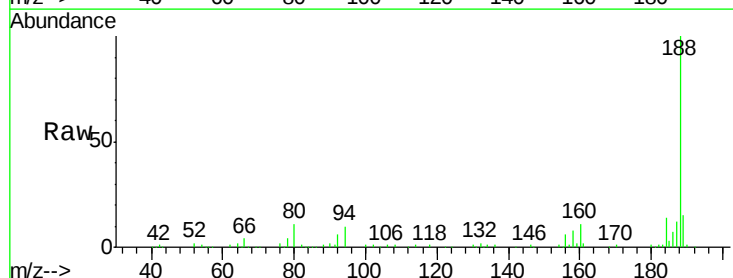
Instrument :
BNA_F
ClientSampleId :
B1-N

Tot Ion:163 Resp: 170349
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.2 7.6 11.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089290.D
Acq: 25 Jul 2016 21:43

Tgt Ion:188 Resp: 146071
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.9 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

Instrument :

BNA_F

ClientSampleId :

B1-N

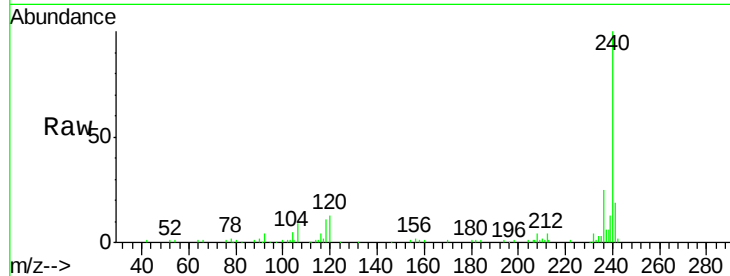
Tot Ion:240 Resp: 98815

Ion Ratio Lower Upper

240 100

120 12.9 13.6 20.4#

236 25.2 20.5 30.7



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

120000

100000

80000

60000

40000

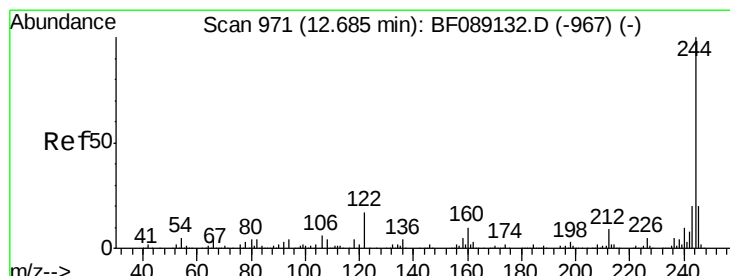
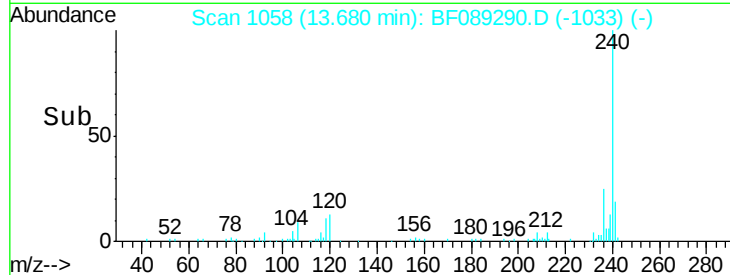
20000

0

13.68

13.60 13.70 13.80

Time-->



#78

Terphenyl-d14

Concen: 68.46 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

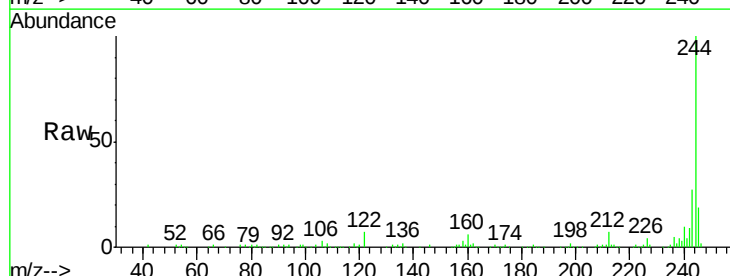
Tgt Ion:244 Resp: 311910

Ion Ratio Lower Upper

244 100

212 6.7 7.0 10.4#

122 7.5 13.8 20.8#



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

300000

250000

200000

150000

100000

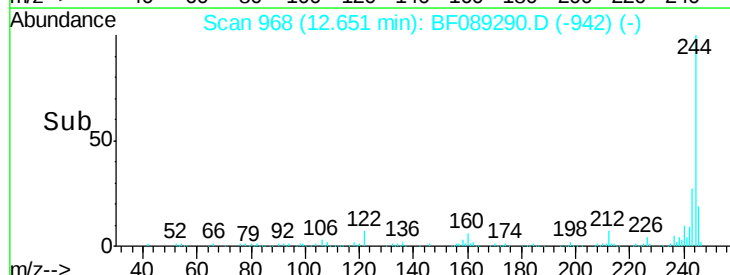
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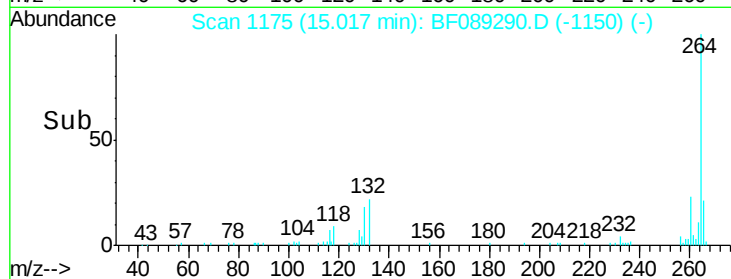
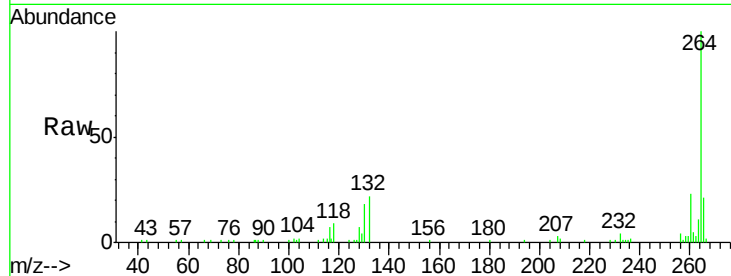
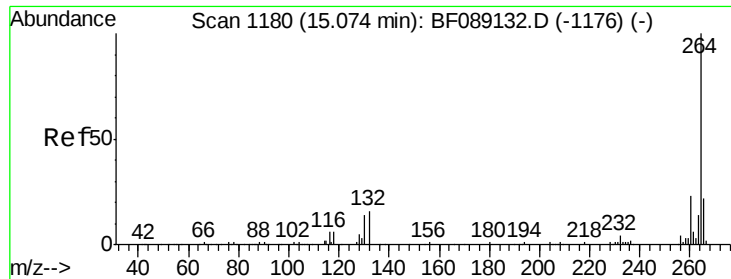
0

12.65

12.60 12.70 12.80

Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 B1-N

Tot Ion: 264 Resp: 81301
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.2 17.3 25.9

