

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089273.D
 Acq On : 25 Jul 2016 12:13
 Operator : UM/SJ
 Sample : H4154-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-EB-1

Quant Time: Jul 26 12:36:01 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

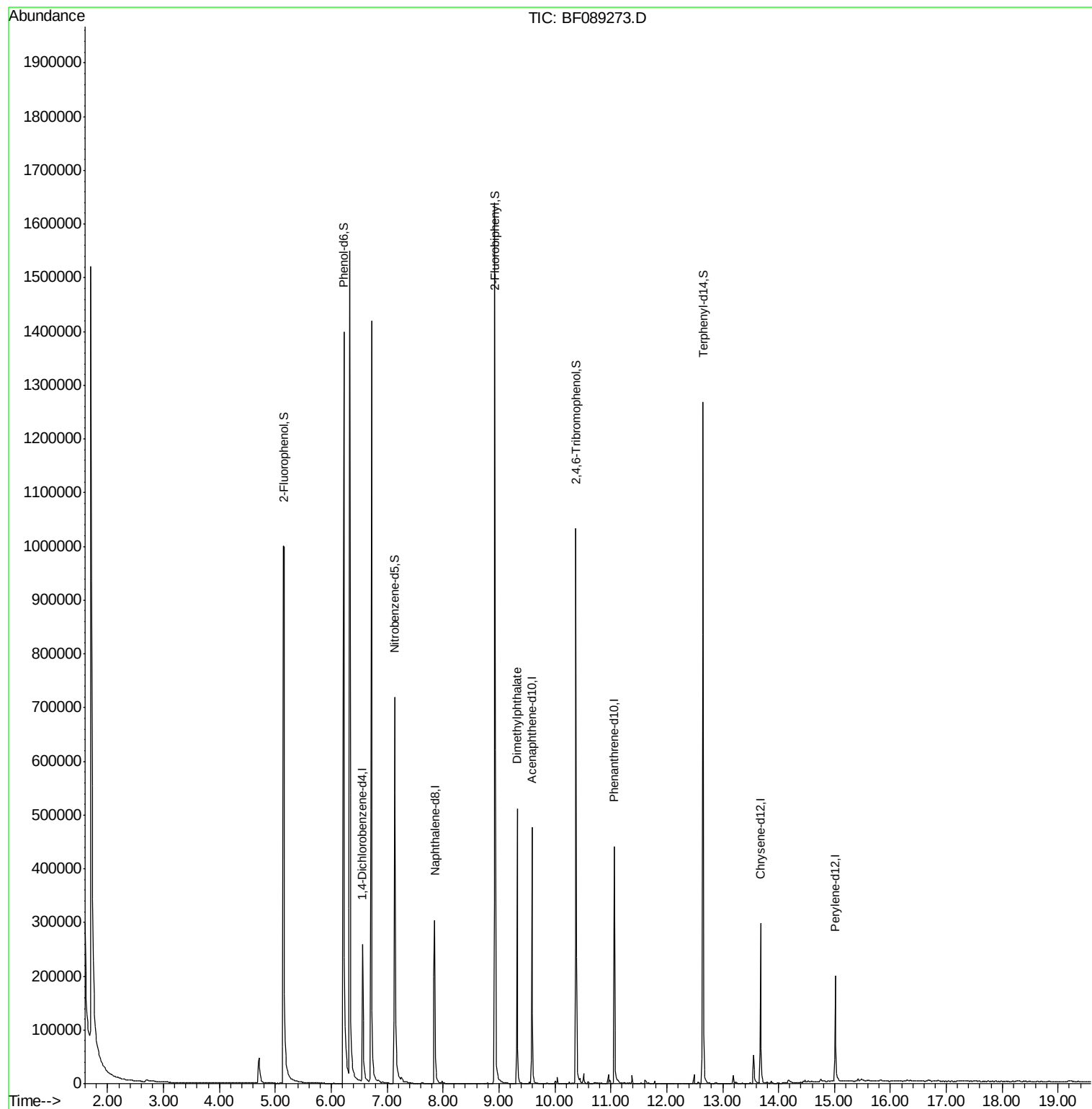
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	54436	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	219894	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	101321	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	182765	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	115319	20.00	ng	-0.01
86) Perylene-d12	15.02	264	86516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	519130	145.04	ng	0.01
7) Phenol-d6	6.23	99	715169	154.94	ng	0.00
23) Nitrobenzene-d5	7.13	82	418103	101.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	115833	126.98	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	661130	89.90	ng	-0.01
78) Terphenyl-d14	12.65	244	519024	97.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	206818	26.60	ng	Qvalue 98

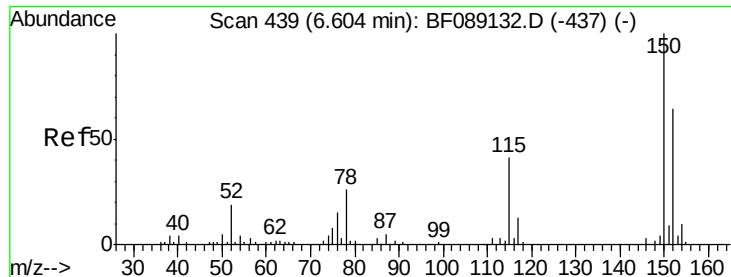
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 25 16:56:43 2016
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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: BF089273.D

Acq: 25 Jul 2016 12:13

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

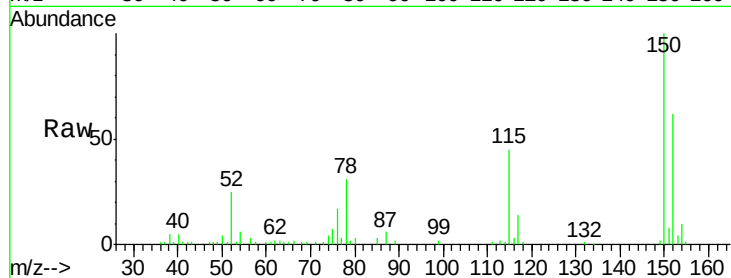
Tot Ion:152 Resp: 54436

Ion Ratio Lower Upper

152 100

150 162.3 125.1 187.7

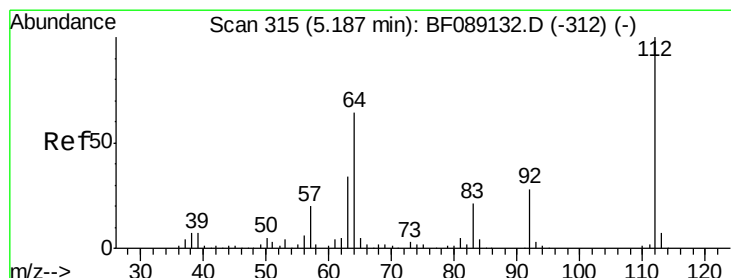
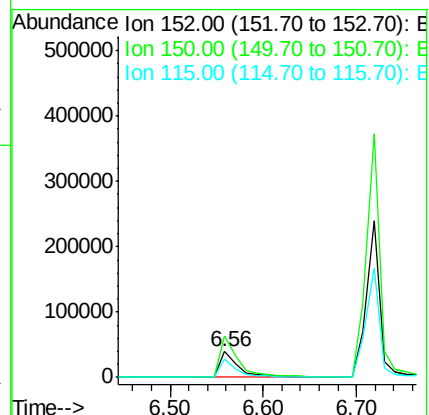
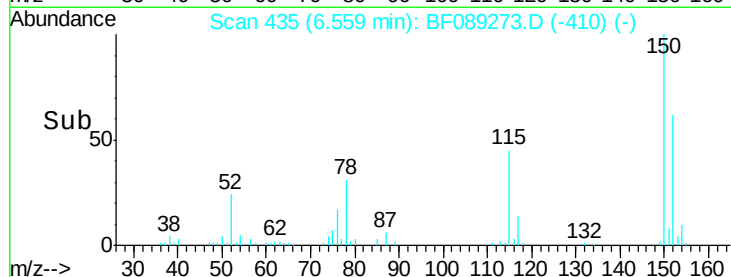
115 72.8 51.1 76.7



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: 145.04 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

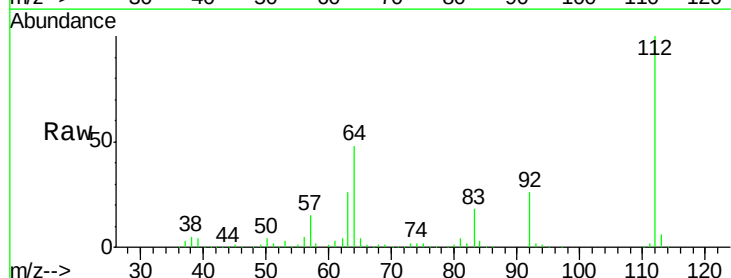
Tgt Ion:112 Resp: 519130

Ion Ratio Lower Upper

112 100

64 48.4 51.0 76.4#

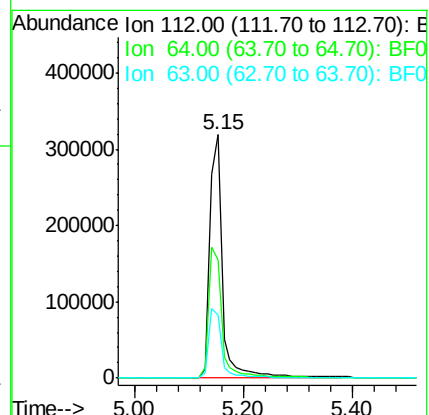
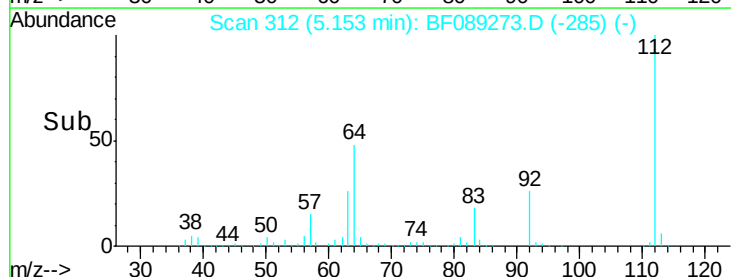
63 26.1 27.3 40.9#

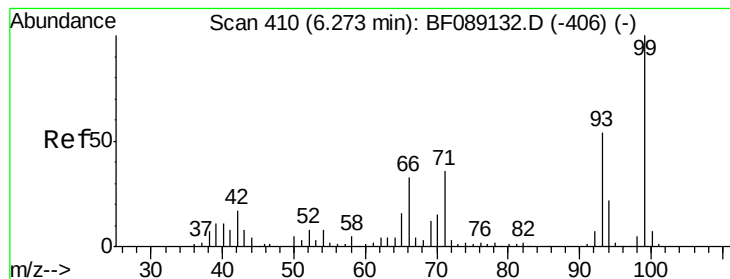


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 154.94 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

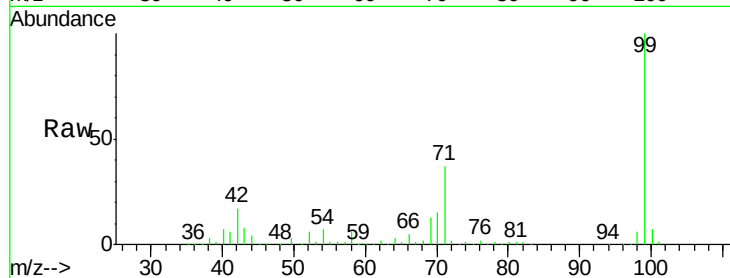
Tot Ion: 99 Resp: 715169

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

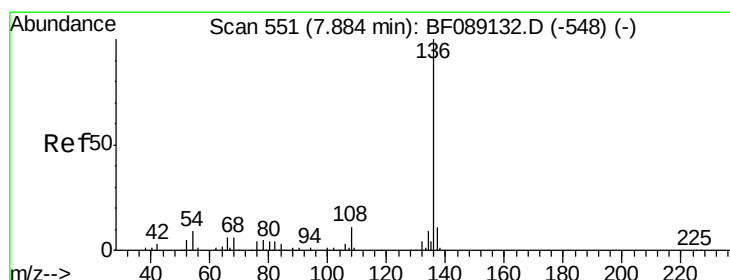
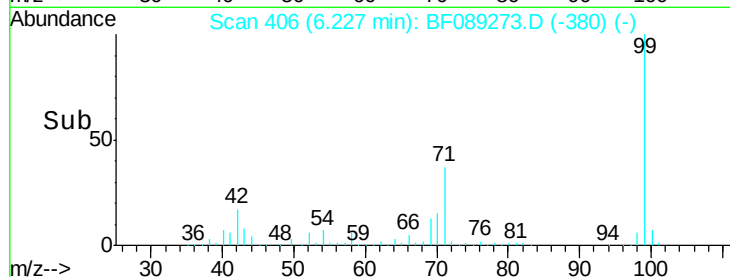
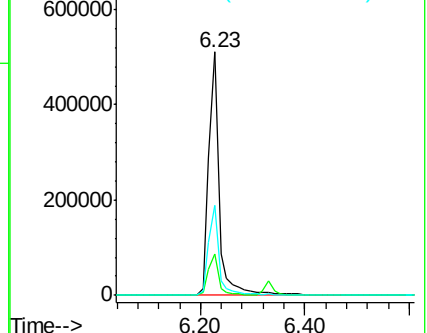
71 37.2 28.9 43.3



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: BF089273.D

Acq: 25 Jul 2016 12:13

Tgt Ion: 136 Resp: 219894

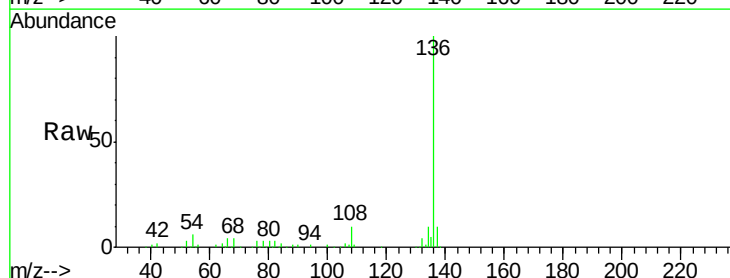
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 5.7 7.0 10.4#

68 4.4 5.0 7.6#

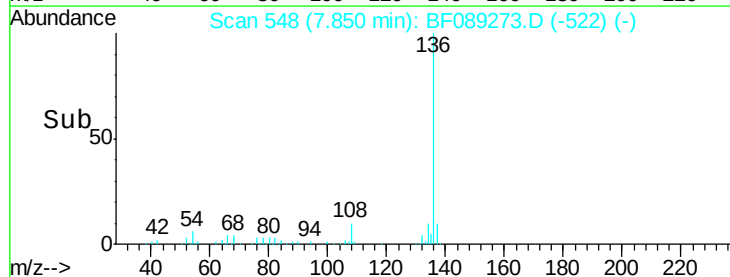
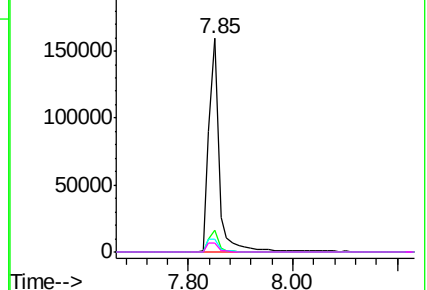


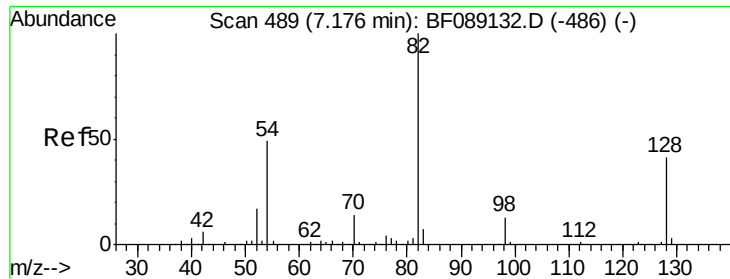
Abundance Ion 136.00 (135.70 to 136.70): E

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

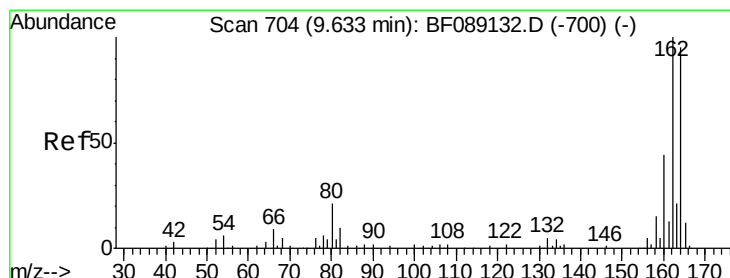
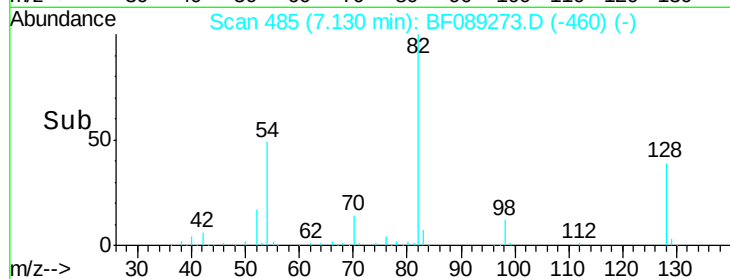
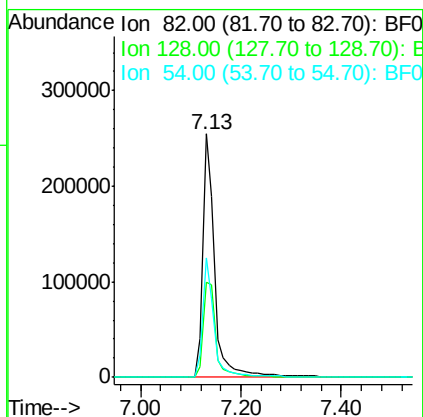
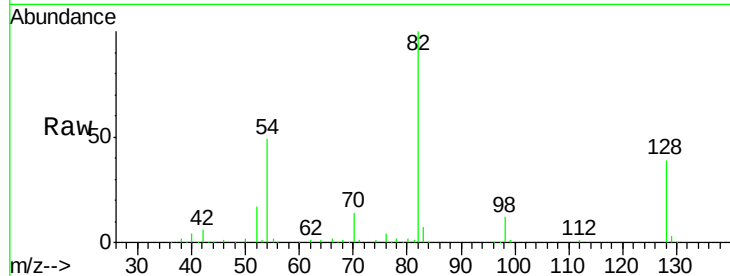




#23
 Nitrobenzene-d5
 Concen: 101.03 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

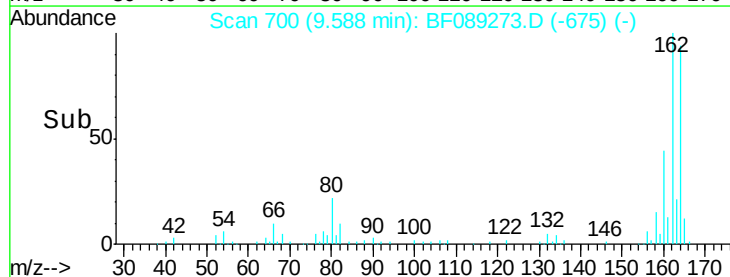
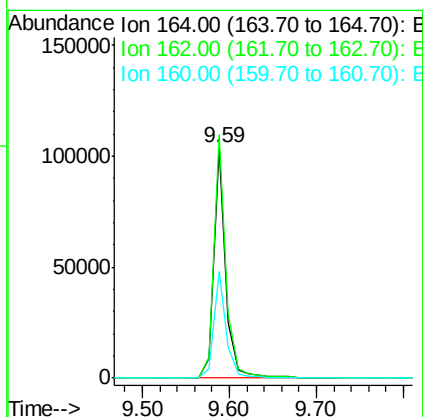
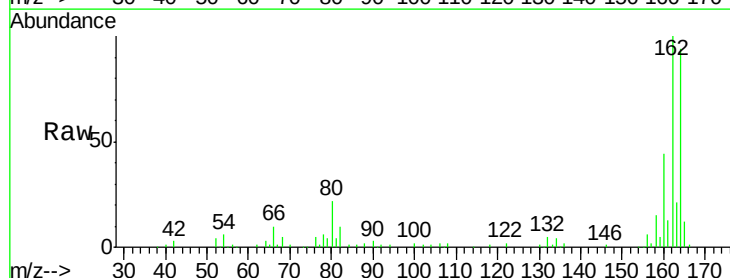
Instrument :
 BNA_F
 ClientSampleId :
 GCF-EB-1

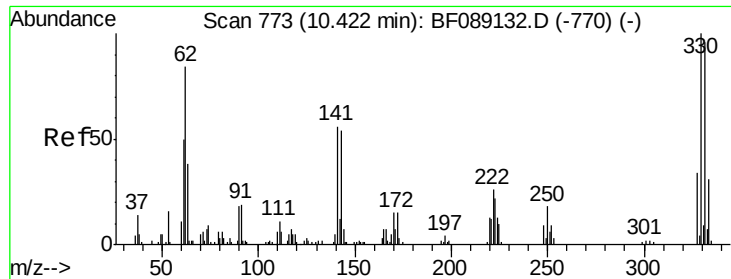
Tot Ion	82	Resp	418103
Ion Ratio	100	Lower	Upper
128	38.9	33.0	49.6
54	49.2	39.0	58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

Tgt Ion	164	Resp	101321
Ion Ratio	100	Lower	Upper
162	105.9	84.1	126.1
160	46.4	37.1	55.7

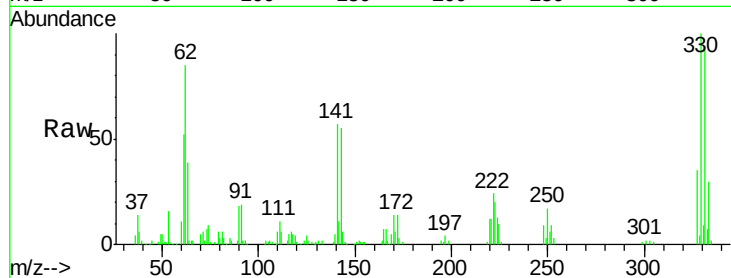




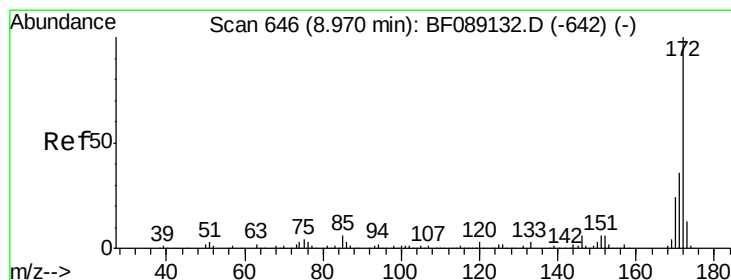
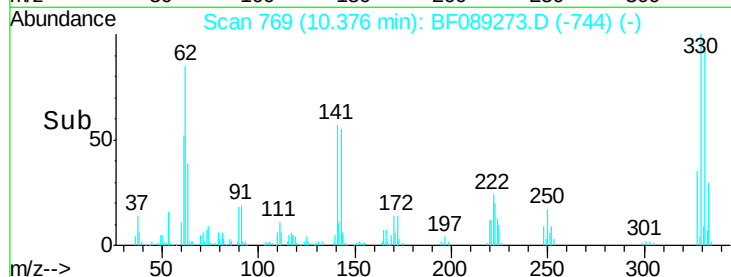
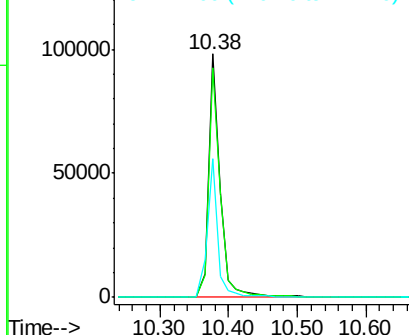
#41
 2,4,6-Tribromophenol
 Concen: 126.98 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

Instrument :
 BNA_F
 ClientSampled :
 GCF-EB-1

Tot Ion:330 Resp: 115833
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.2 115.8
 141 51.6 42.2 63.2

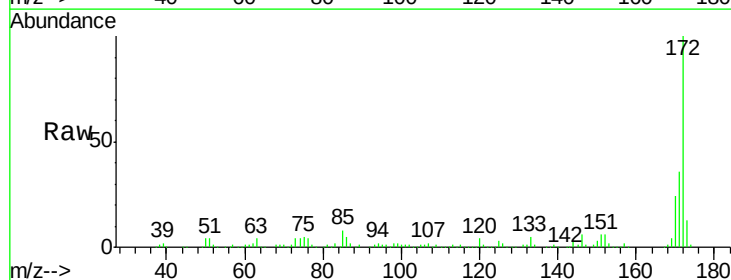


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

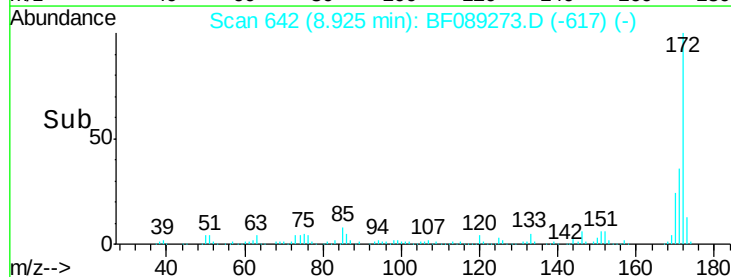
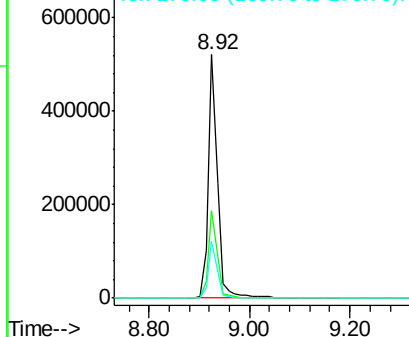


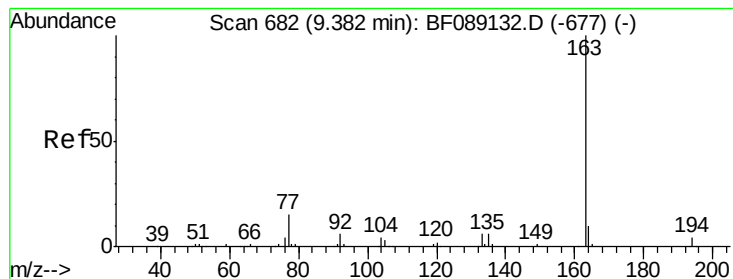
#44
 2-Fluorobiphenyl
 Concen: 89.90 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

Tgt Ion:172 Resp: 661130
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.6 19.1 28.7



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: 26.60 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

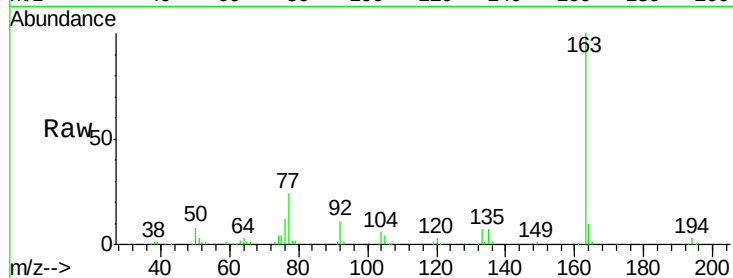
Tot Ion:163 Resp: 206818

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

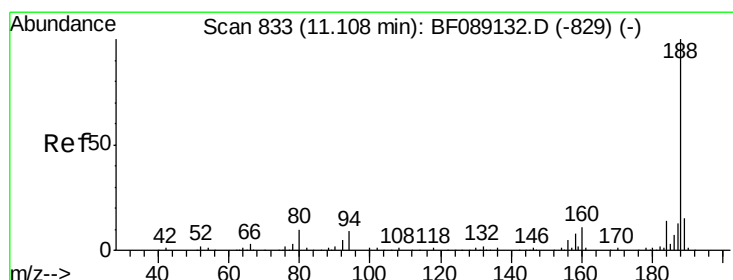
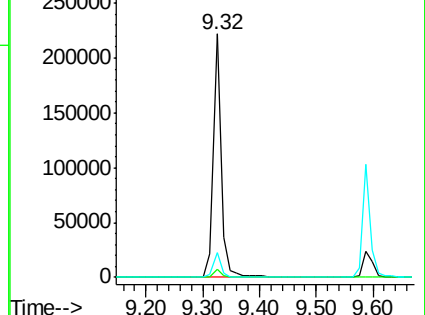
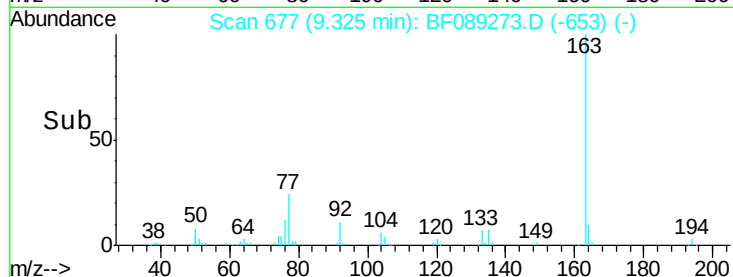
164 10.1 7.6 11.4



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: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

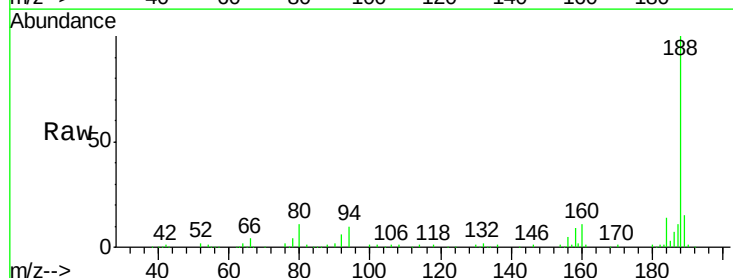
Tgt Ion:188 Resp: 182765

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

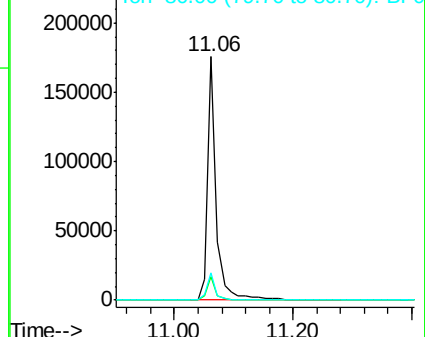
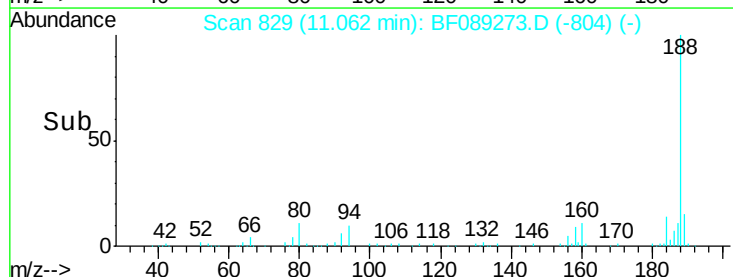
80 11.0 7.7 11.5

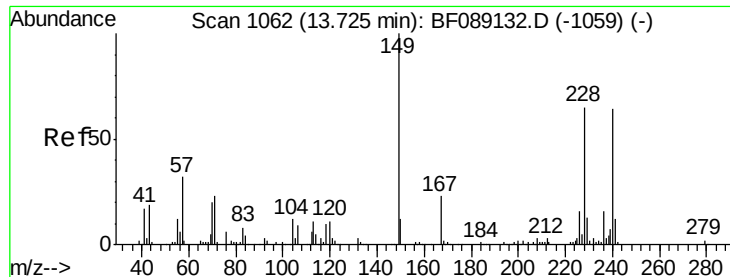


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

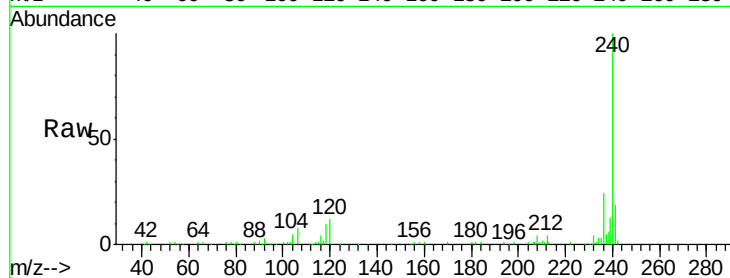
Tot Ion:240 Resp: 115319

Ion Ratio Lower Upper

240 100

120 11.7 13.6 20.4#

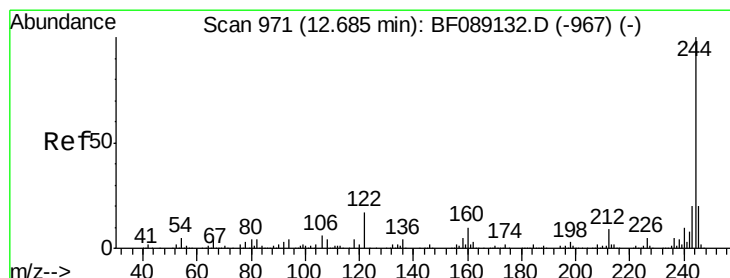
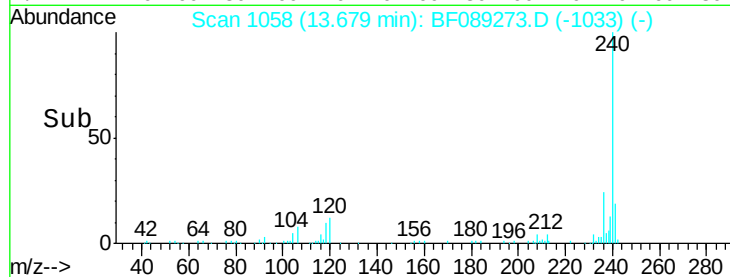
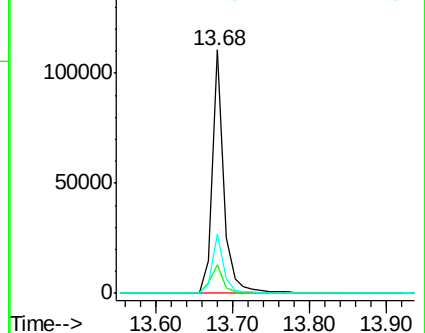
236 24.4 20.5 30.7



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



#78

Terphenyl-d14

Concen: 97.62 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

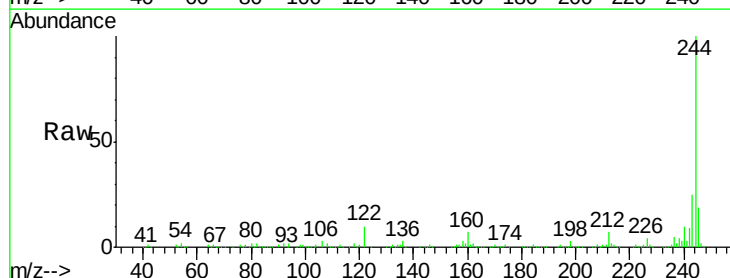
Tgt Ion:244 Resp: 519024

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

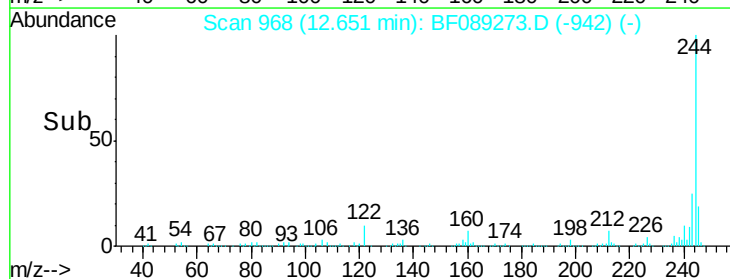
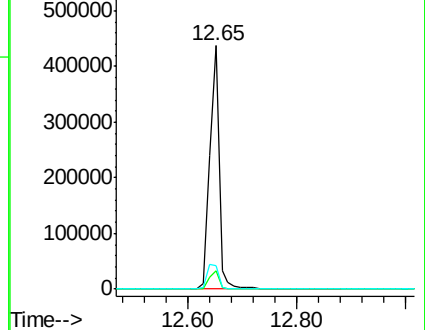
122 9.6 13.8 20.8#

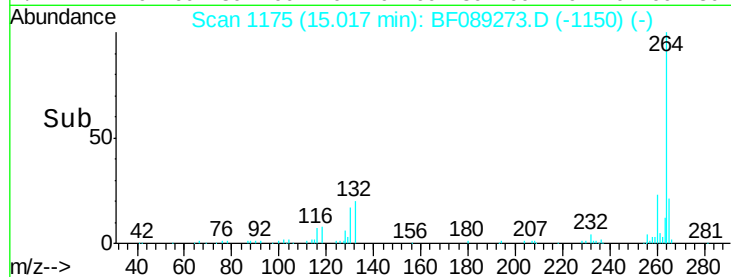
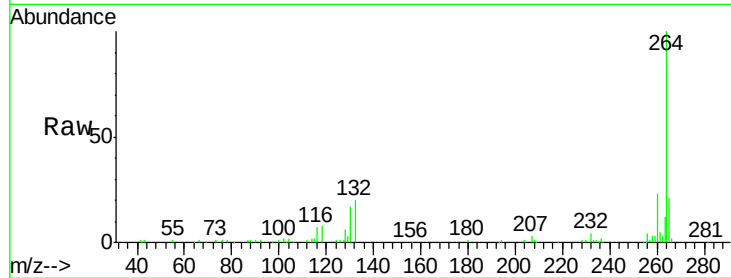
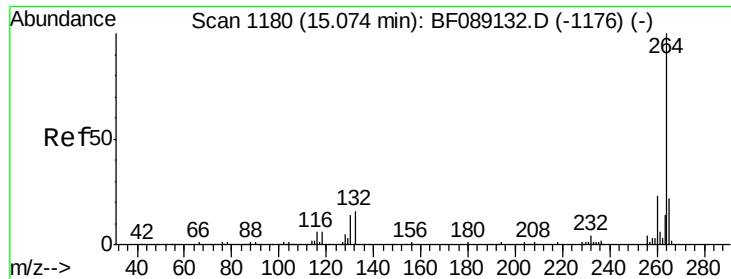


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

Instrument :
 BNA_F
 ClientSampleId :
 GCF-EB-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	20.7	17.3	25.9

