

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089272.D
 Acq On : 25 Jul 2016 11:42
 Operator : UM/SJ
 Sample : H4154-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

Quant Time: Jul 26 12:33:09 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

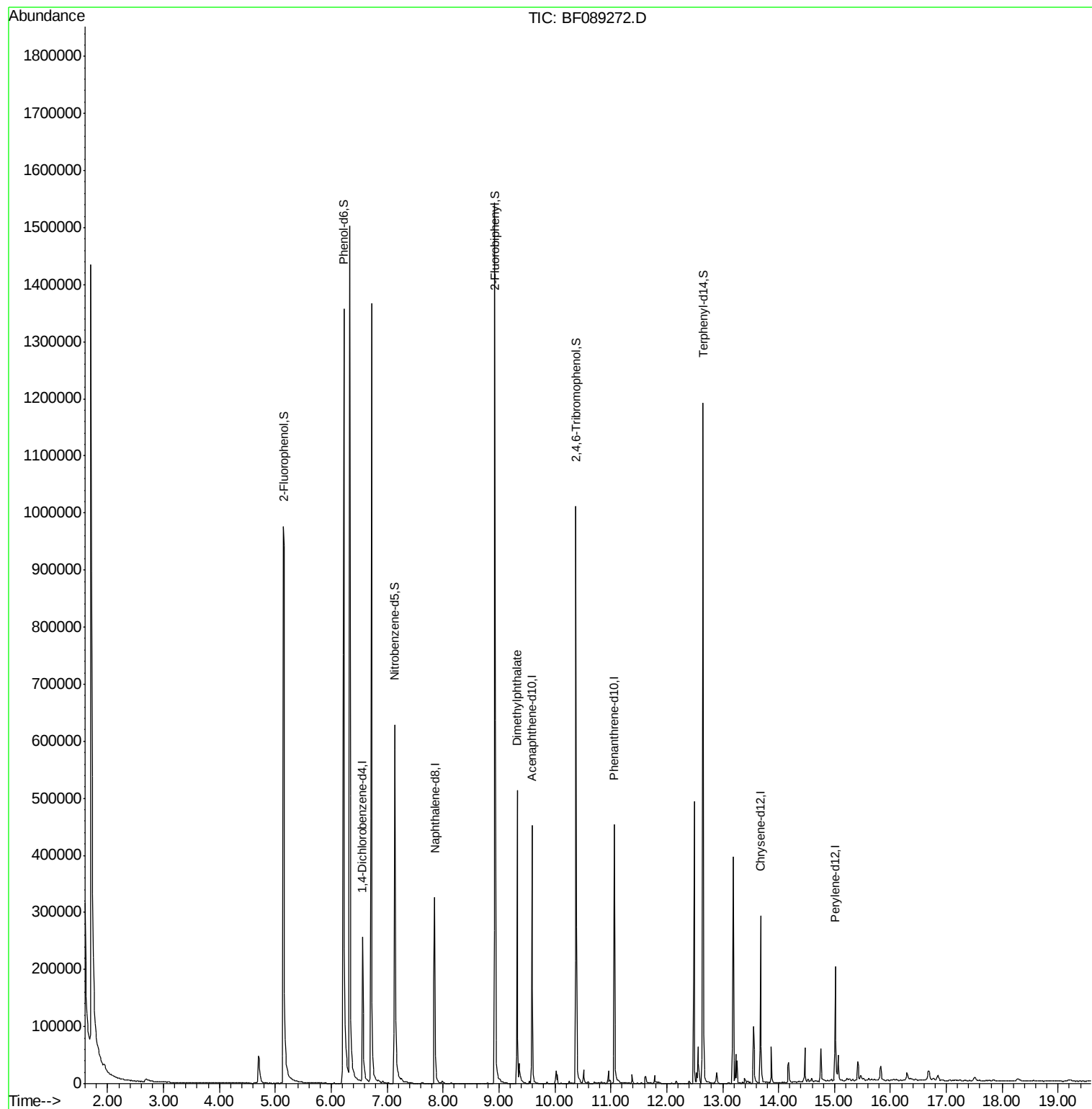
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	54959	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	219434	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	98496	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	190707	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	113052	20.00	ng	-0.01
86) Perylene-d12	15.02	264	91269	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	493906	136.68	ng	0.01
7) Phenol-d6	6.23	99	678434	145.59	ng	0.00
23) Nitrobenzene-d5	7.13	82	399008	96.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	113612	128.12	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	619758	86.70	ng	-0.01
78) Terphenyl-d14	12.65	244	509179	97.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	204037	26.99	ng	Qvalue 98

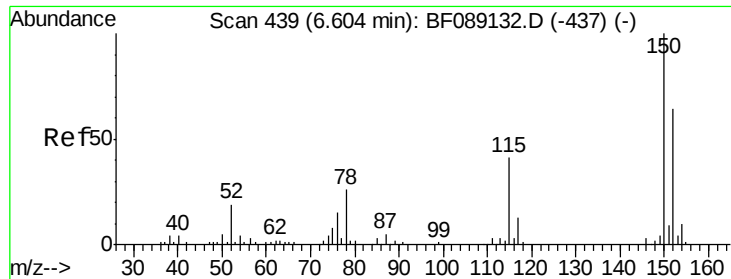
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089272.D

Acq: 25 Jul 2016 11:42

Instrument :

BNA_F

ClientSampleId :

GCF-SW-1

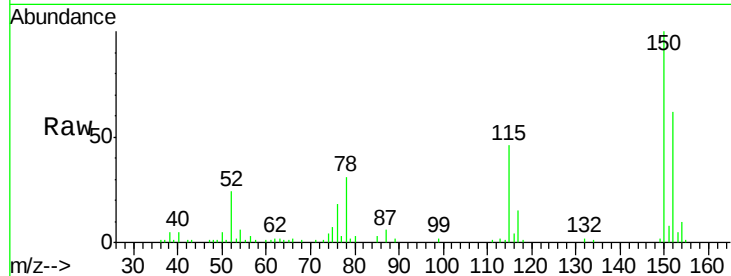
Tot Ion:152 Resp: 54959

Ion Ratio Lower Upper

152 100

150 161.7 125.1 187.7

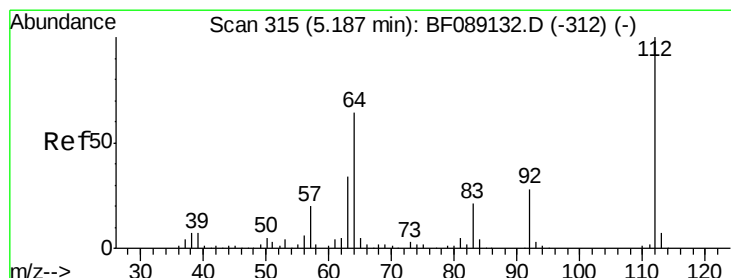
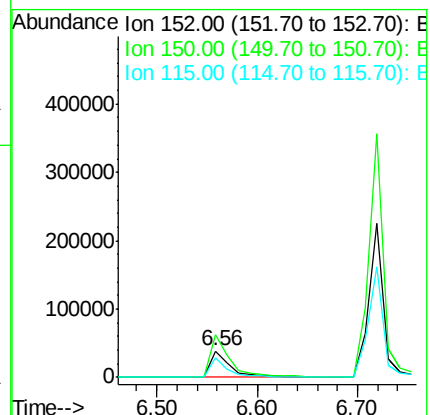
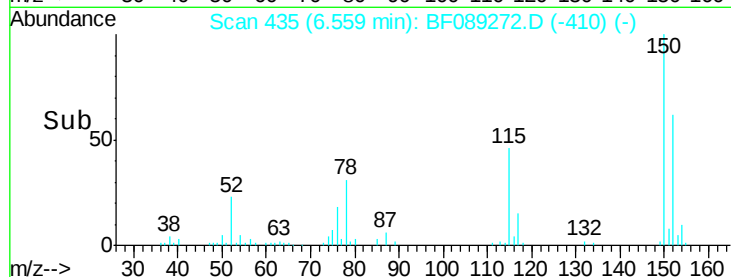
115 73.6 51.1 76.7



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: 136.68 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF089272.D

Acq: 25 Jul 2016 11:42

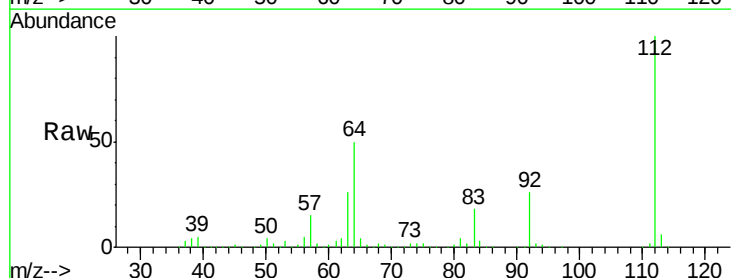
Tgt Ion:112 Resp: 493906

Ion Ratio Lower Upper

112 100

64 49.5 51.0 76.4#

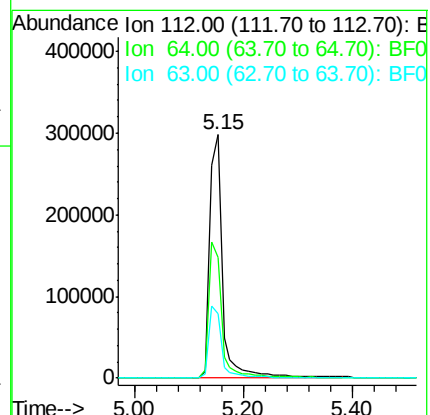
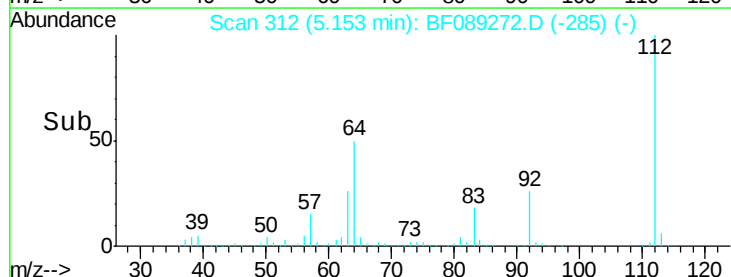
63 26.4 27.3 40.9#

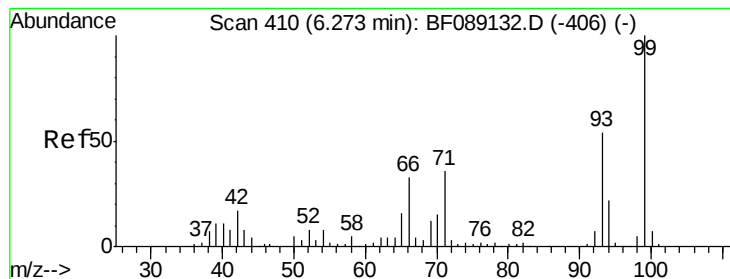


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.59 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089272.D

Acq: 25 Jul 2016 11:42

Instrument :

BNA_F

ClientSampleId :

GCF-SW-1

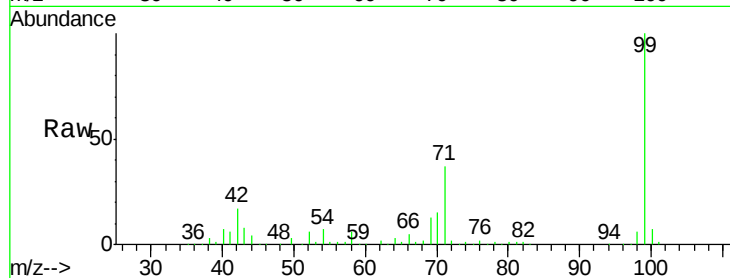
Tot Ion: 99 Resp: 678434

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

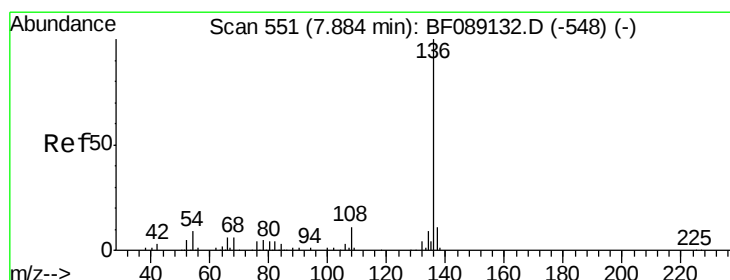
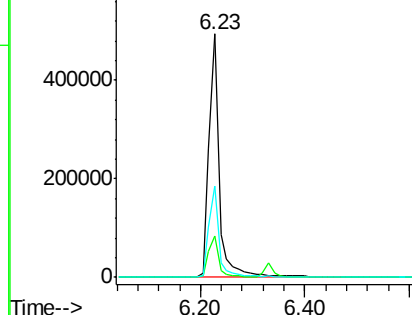
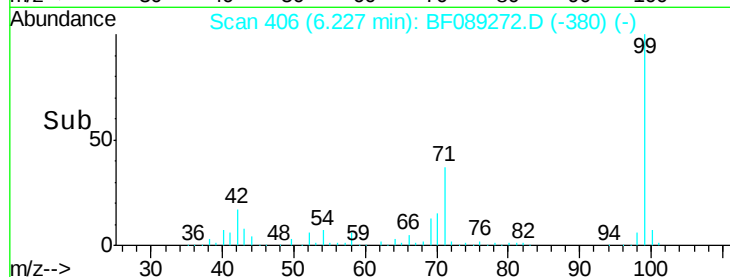
71 37.5 28.9 43.3



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: BF089272.D

Acq: 25 Jul 2016 11:42

Tgt Ion: 136 Resp: 219434

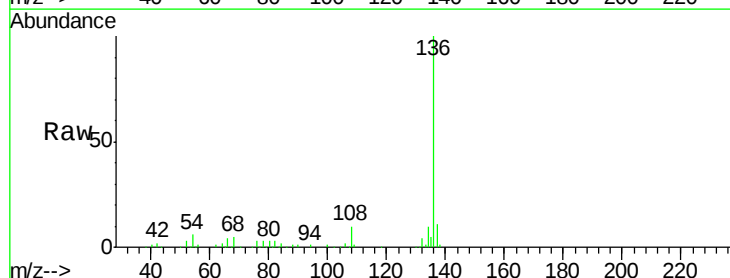
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 5.7 7.0 10.4#

68 4.7 5.0 7.6#

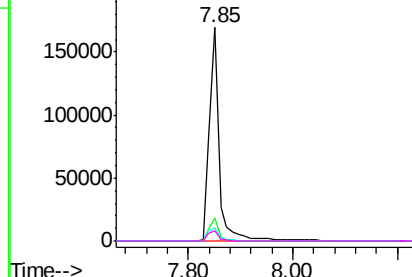
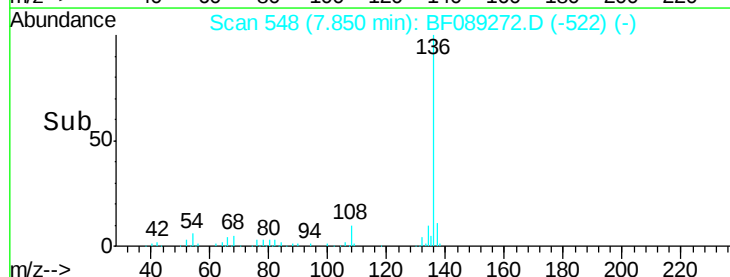


Abundance Ion 136.00 (135.70 to 136.70): E

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

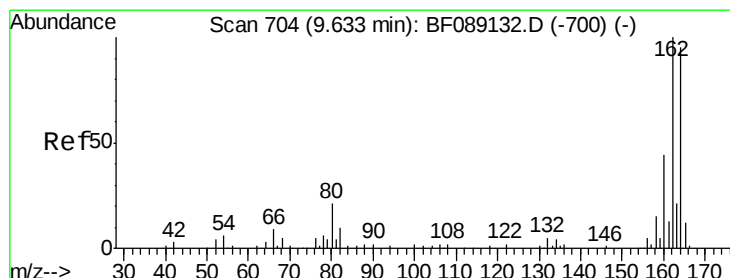
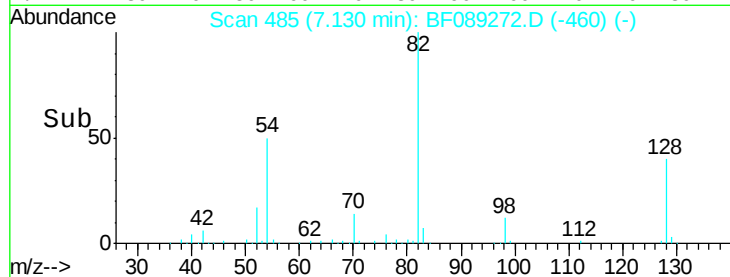
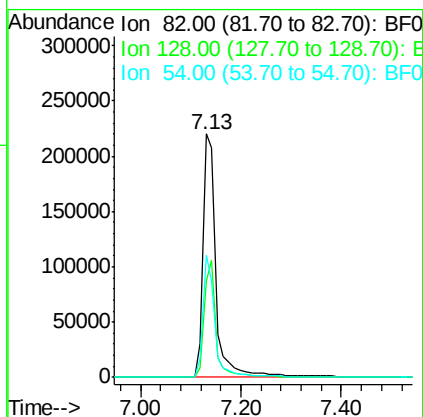
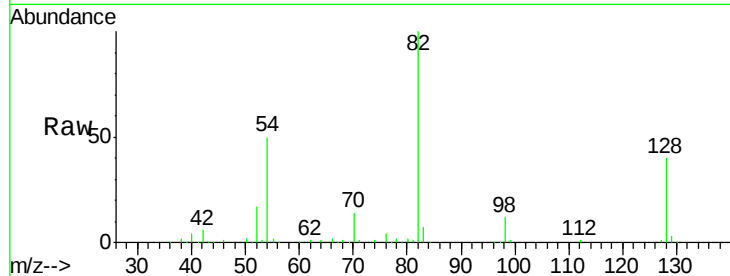




#23
 Nitrobenzene-d5
 Concen: 96.62 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089272.D
 Acq: 25 Jul 2016 11:42

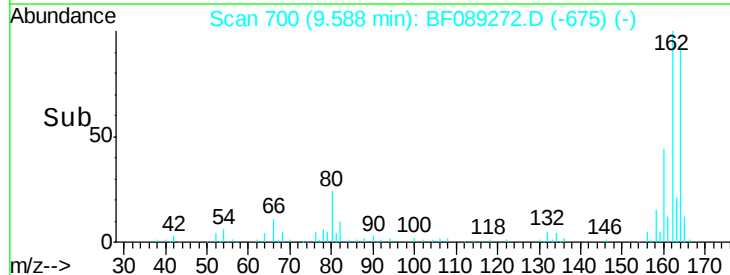
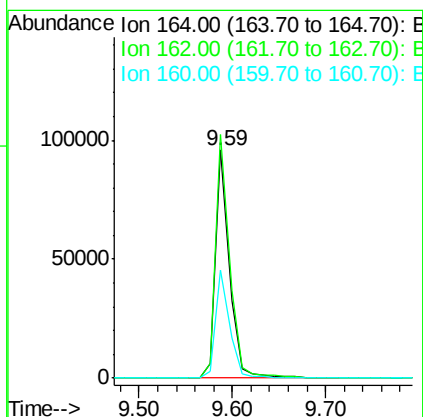
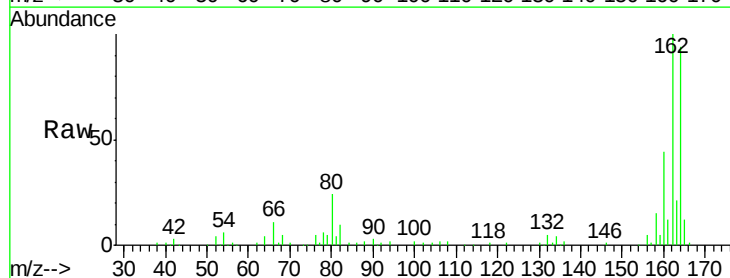
Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

Tot Ion	82	Resp	399008
Ion Ratio	100	Lower	Upper
128	39.7	33.0	49.6
54	49.9	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: BF089272.D
 Acq: 25 Jul 2016 11:42

Tgt Ion	164	Resp	98496
Ion Ratio	100	Lower	Upper
162	106.8	84.1	126.1
160	47.2	37.1	55.7

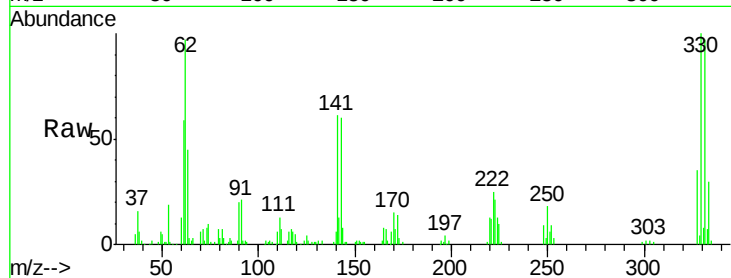




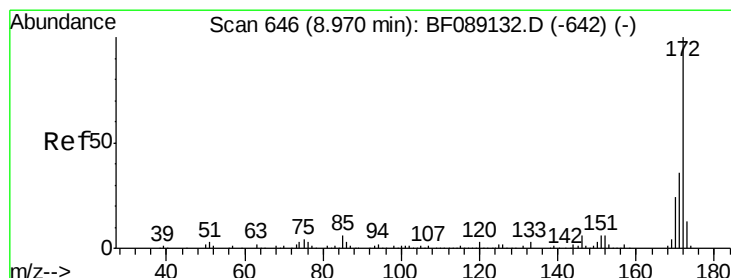
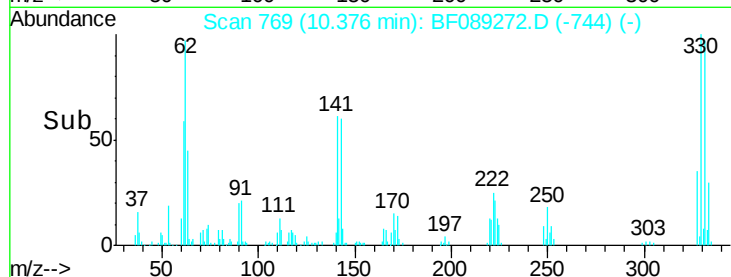
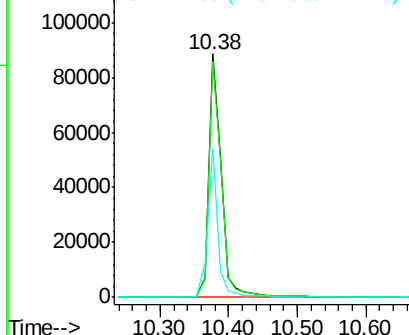
#41
 2,4,6-Tribromophenol
 Concen: 128.12 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089272.D
 Acq: 25 Jul 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	49.8	42.2	63.2

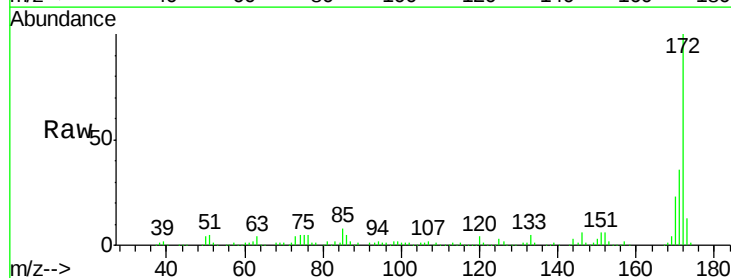


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

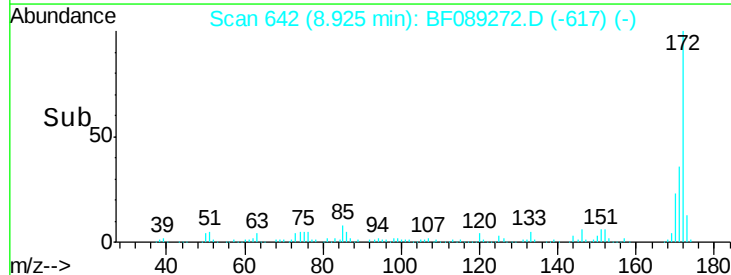
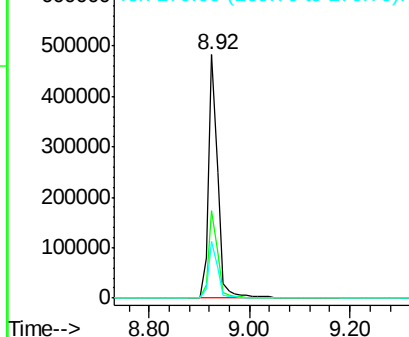


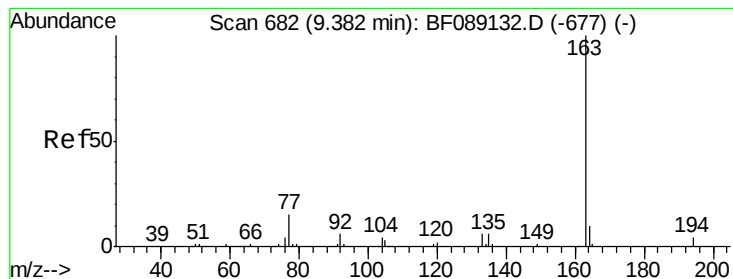
#44
 2-Fluorobiphenyl
 Concen: 86.70 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089272.D
 Acq: 25 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.3	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: 26.99 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF089272.D

Acq: 25 Jul 2016 11:42

Instrument :

BNA_F

ClientSampleId :

GCF-SW-1

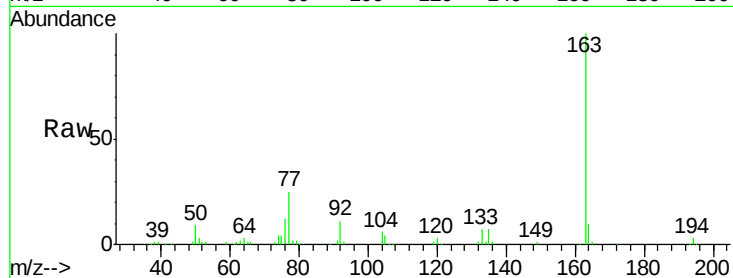
Tot Ion:163 Resp: 204037

Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

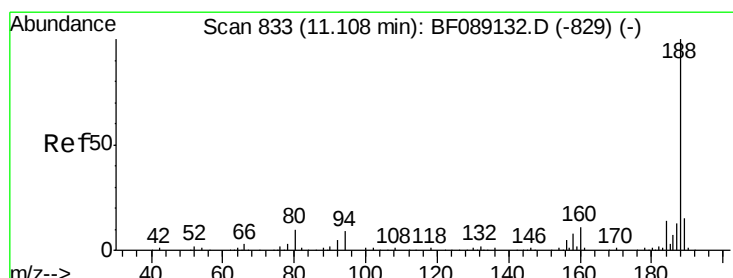
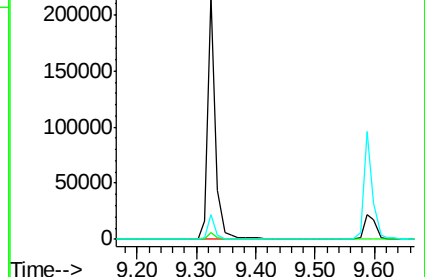
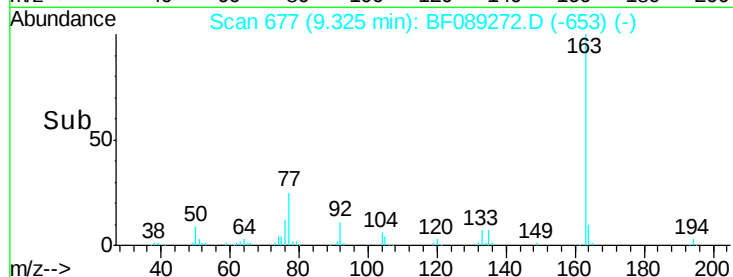
164 10.2 7.6 11.4



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: BF089272.D

Acq: 25 Jul 2016 11:42

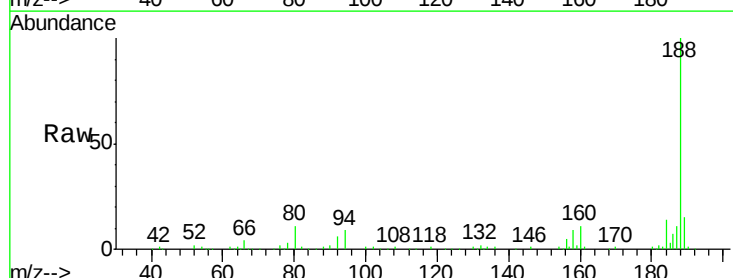
Tgt Ion:188 Resp: 190707

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

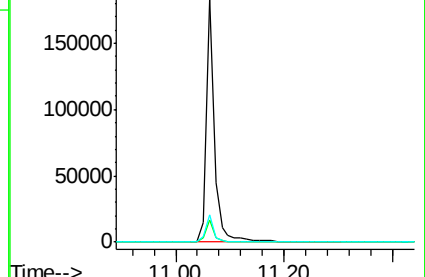
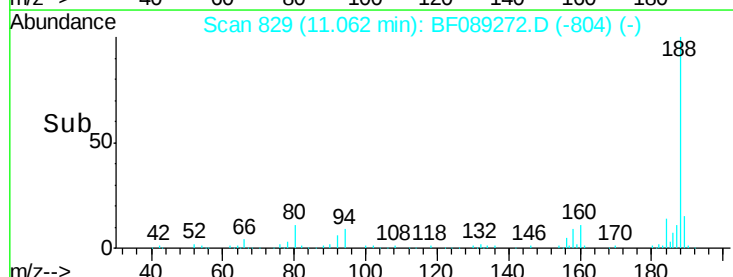
80 11.1 7.7 11.5



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: BF089272.D

Acq: 25 Jul 2016 11:42

Instrument :

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ClientSampleId :

GCF-SW-1

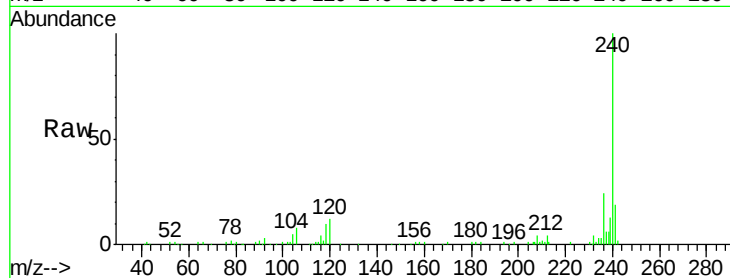
Tot Ion:240 Resp: 113052

Ion Ratio Lower Upper

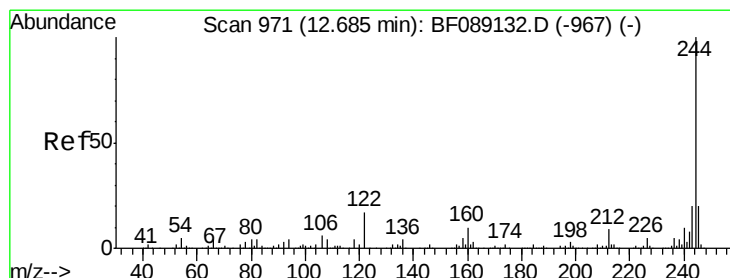
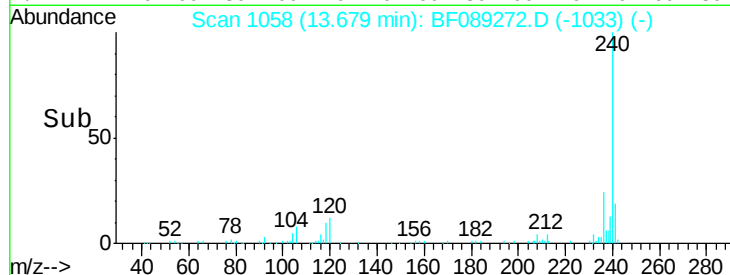
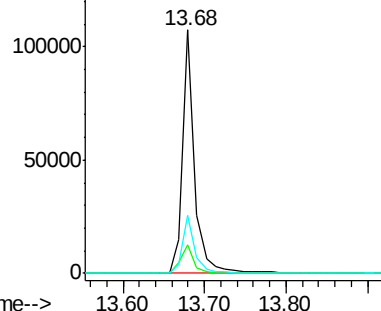
240 100

120 11.7 13.6 20.4#

236 24.1 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: 97.69 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089272.D

Acq: 25 Jul 2016 11:42

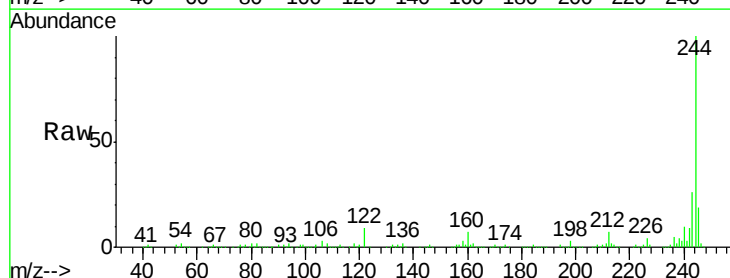
Tgt Ion:244 Resp: 509179

Ion Ratio Lower Upper

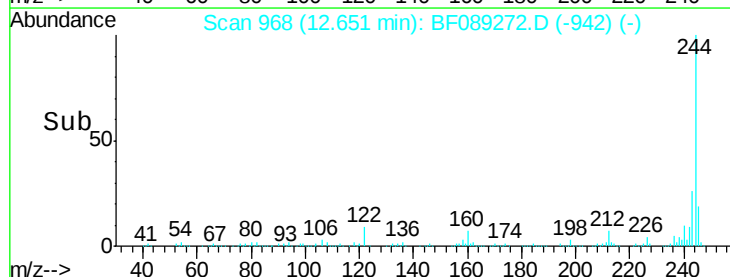
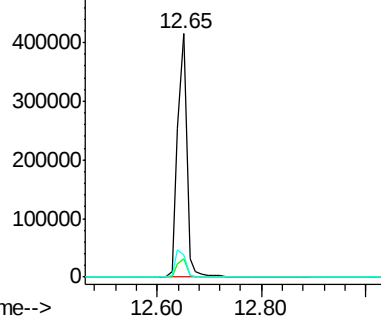
244 100

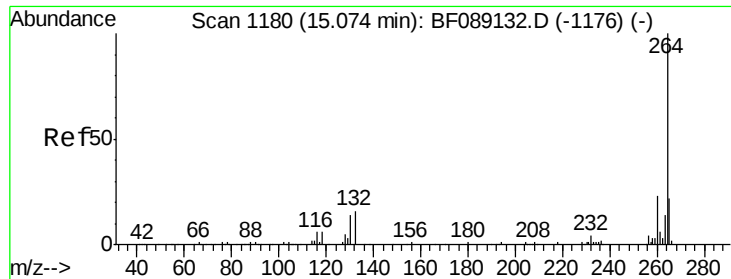
212 7.4 7.0 10.4

122 8.9 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

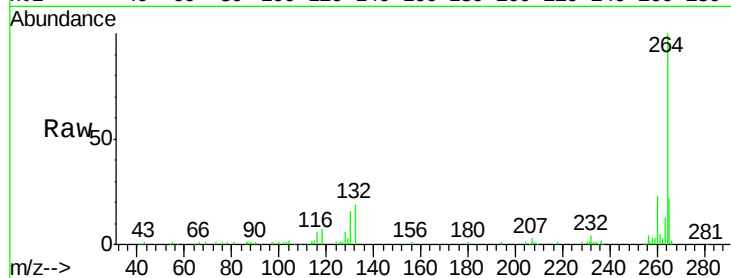




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089272.D
 Acq: 25 Jul 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	18.5	27.7	
265	21.7	17.3	25.9	



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

