

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089299.D
 Acq On : 26 Jul 2016 3:17
 Operator : UM/SJ
 Sample : H4184-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Jul 26 03:55:04 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

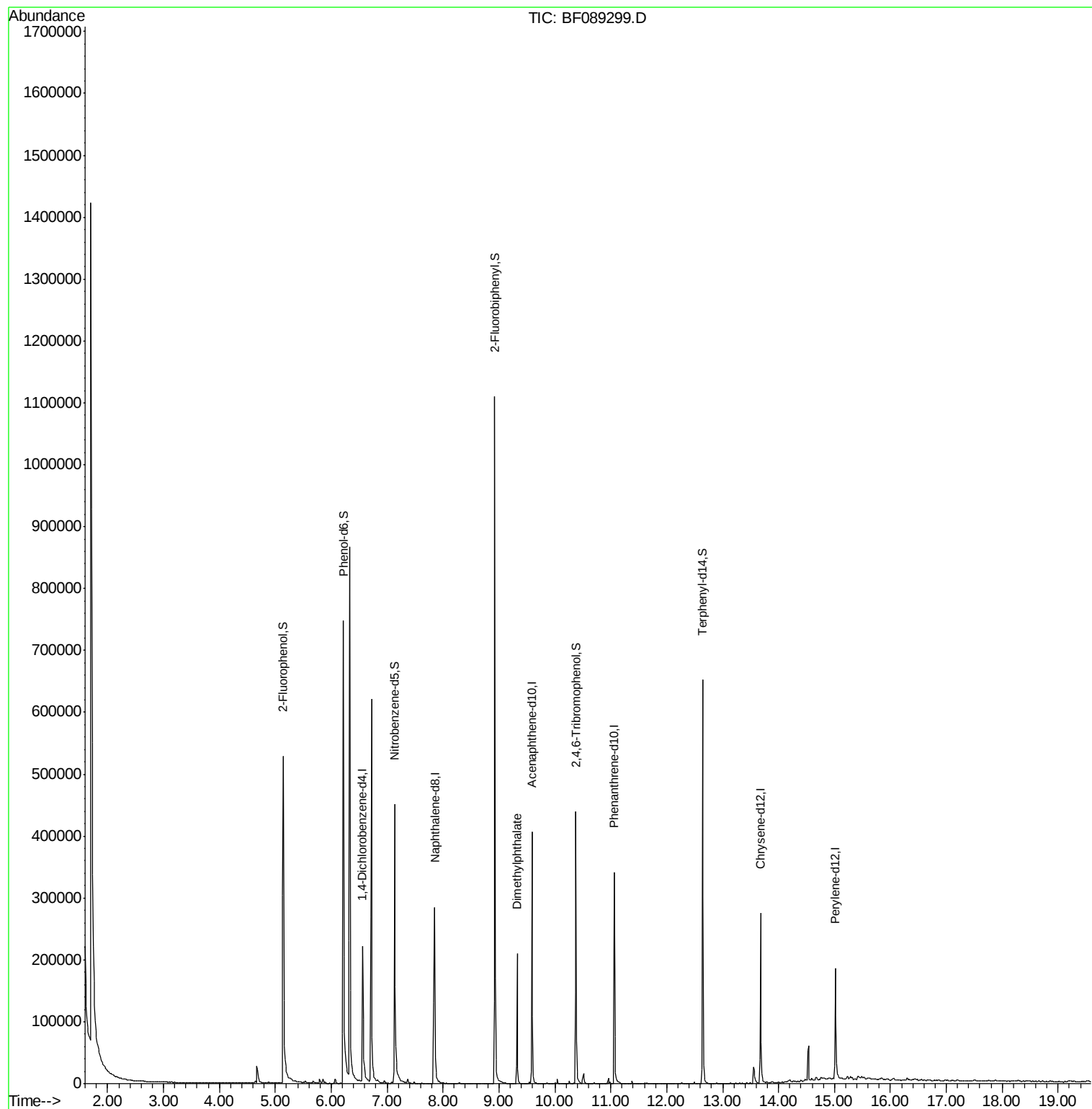
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	48708	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	184799	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	83730	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	143982	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	104210	20.00	ng	-0.01
86) Perylene-d12	15.02	264	85582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	246076	76.84	ng	0.00
7) Phenol-d6	6.22	99	331789	80.34	ng	-0.01
23) Nitrobenzene-d5	7.13	82	206397	59.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	53948	71.56	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	360657	59.35	ng	-0.01
78) Terphenyl-d14	12.64	244	236689	49.26	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	88946	13.84	ng	99

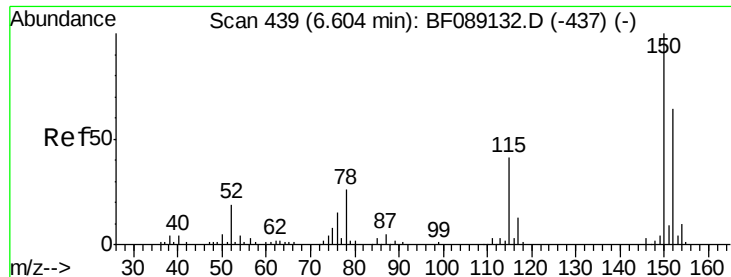
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089299.D

Acq: 26 Jul 2016 3:17

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

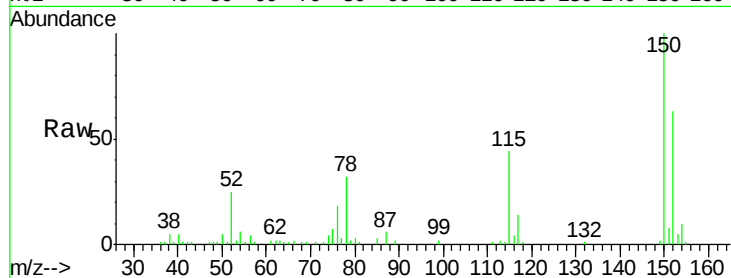
Tot Ion:152 Resp: 48708

Ion Ratio Lower Upper

152 100

150 158.7 125.1 187.7

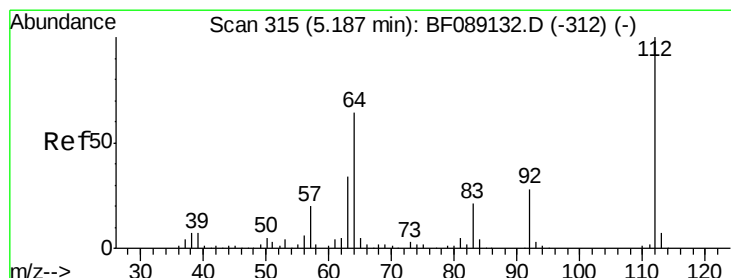
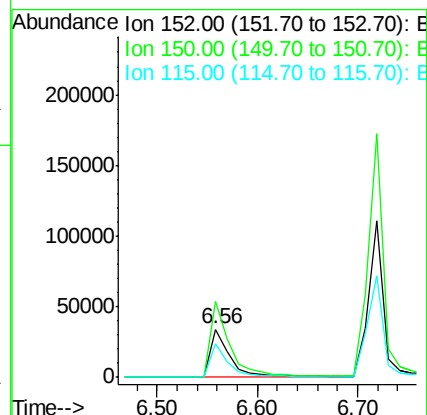
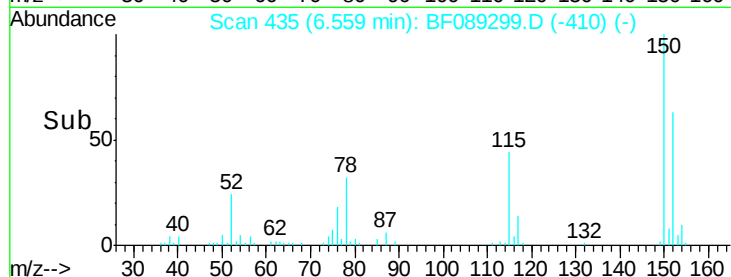
115 70.1 51.1 76.7



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: 76.84 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF089299.D

Acq: 26 Jul 2016 3:17

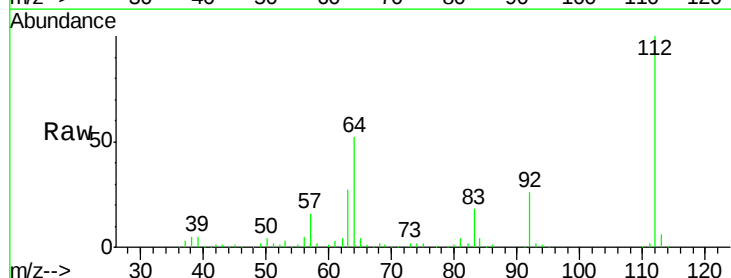
Tgt Ion:112 Resp: 246076

Ion Ratio Lower Upper

112 100

64 52.2 51.0 76.4

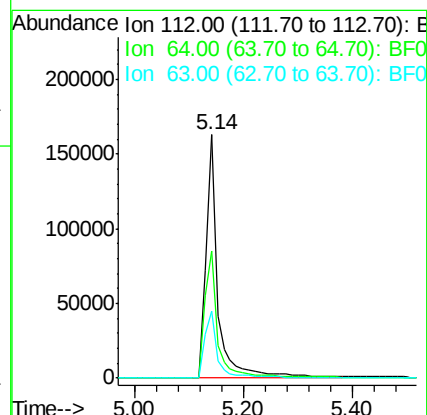
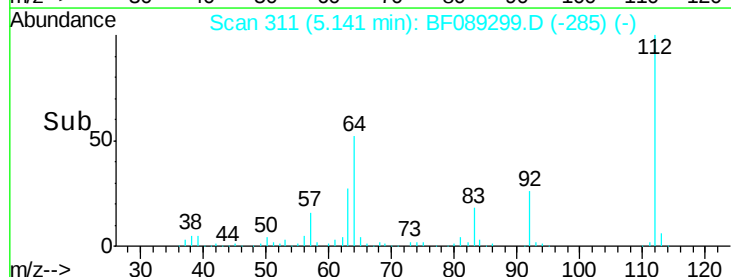
63 27.4 27.3 40.9

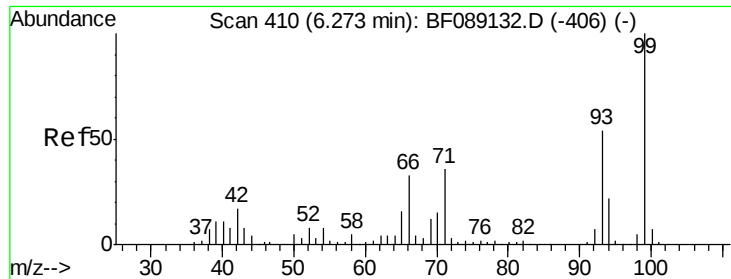


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.34 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089299.D

Acq: 26 Jul 2016 3:17

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

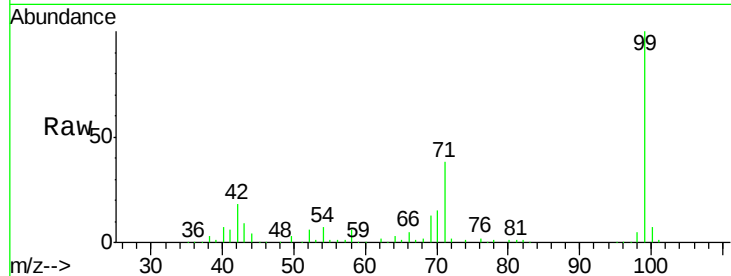
Tot Ion: 99 Resp: 331789

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

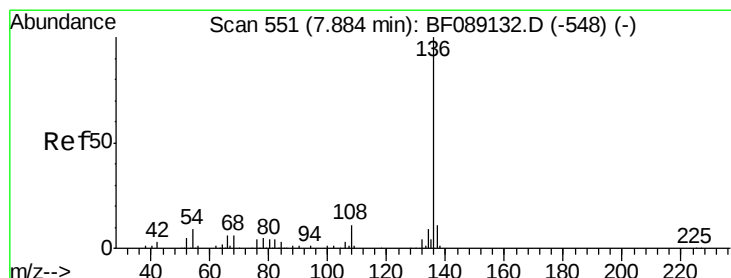
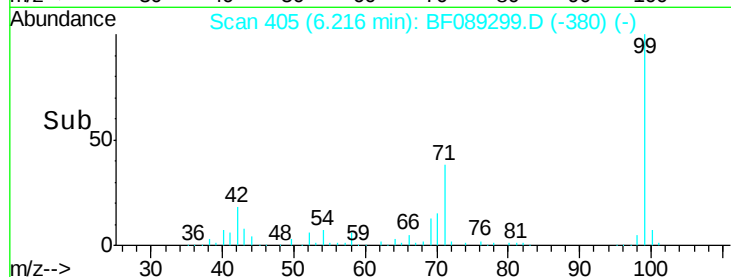
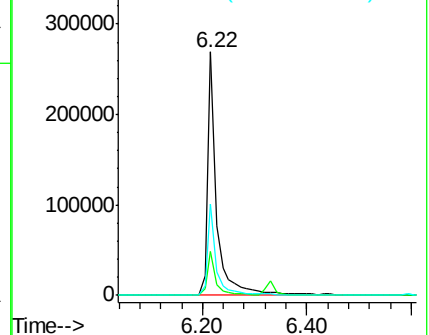
71 37.7 28.9 43.3



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: BF089299.D

Acq: 26 Jul 2016 3:17

Tgt Ion: 136 Resp: 184799

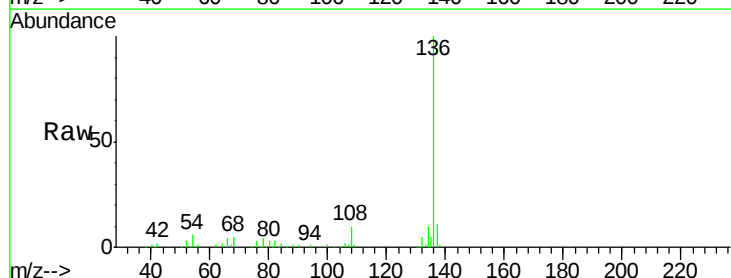
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 5.5 7.0 10.4#

68 4.6 5.0 7.6#

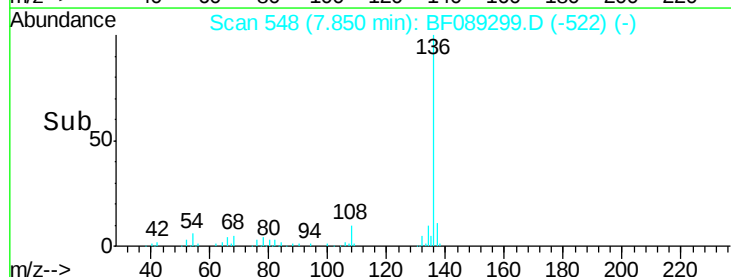
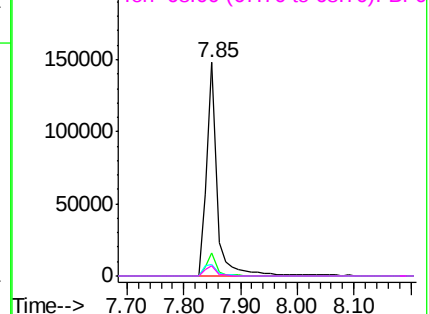


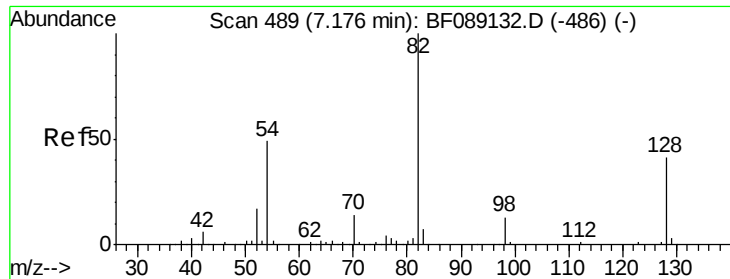
Abundance Ion 136.00 (135.70 to 136.70): E

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

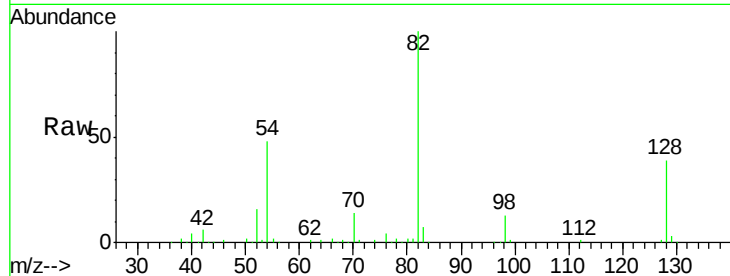




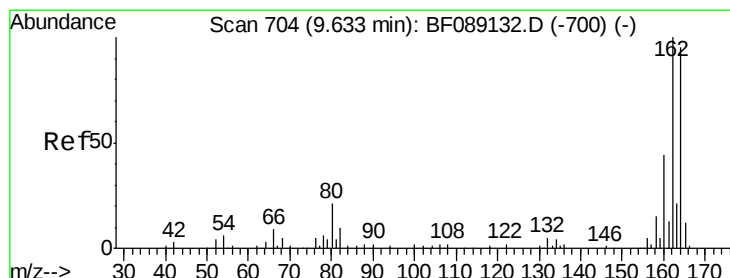
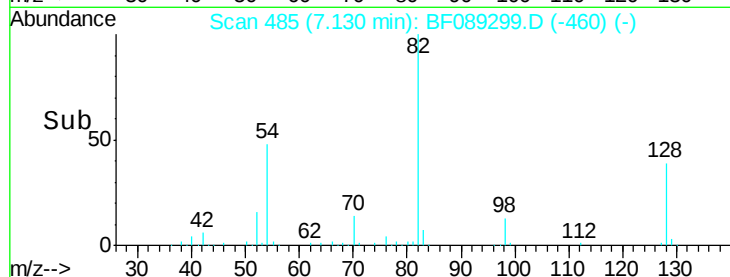
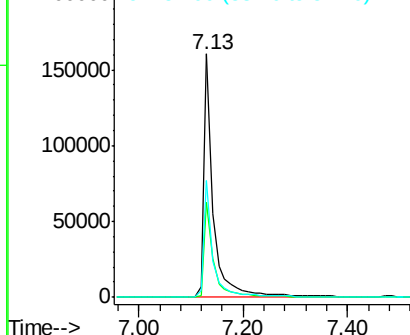
#23
 Nitrobenzene-d5
 Concen: 59.34 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089299.D
 Acq: 26 Jul 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion: 82 Resp: 206397
 Ion Ratio Lower Upper
 82 100
 128 39.0 33.0 49.6
 54 47.9 39.0 58.4

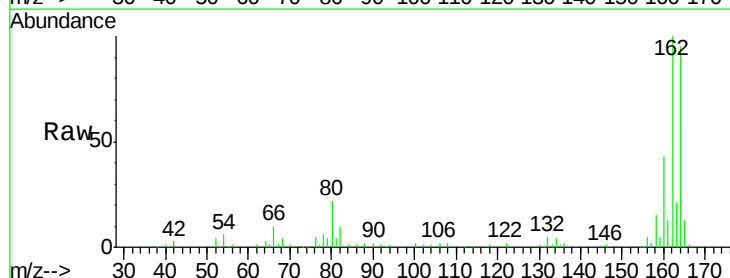


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

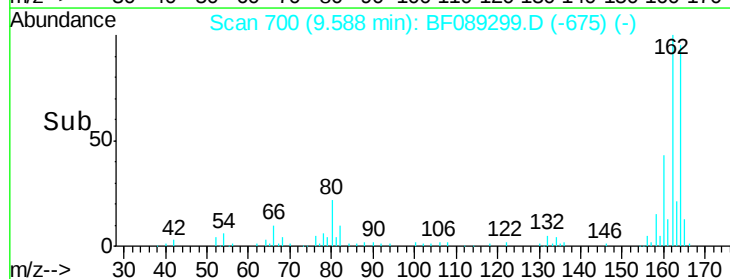
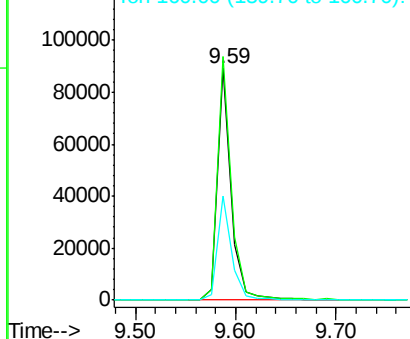


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089299.D
 Acq: 26 Jul 2016 3:17

Tgt Ion:164 Resp: 83730
 Ion Ratio Lower Upper
 164 100
 162 105.0 84.1 126.1
 160 44.9 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

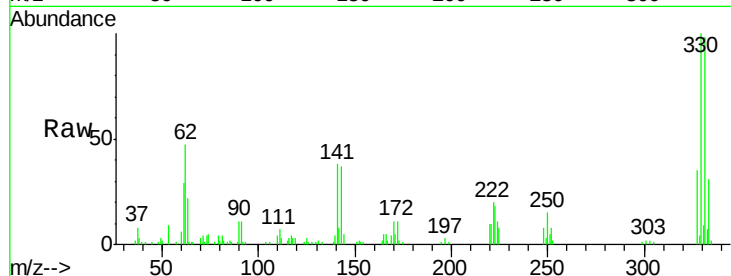




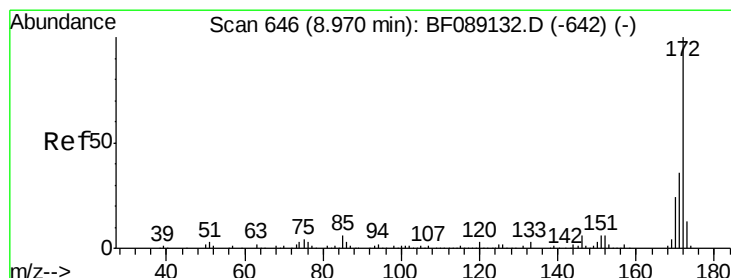
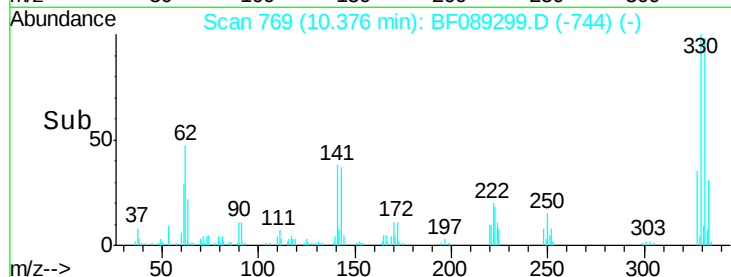
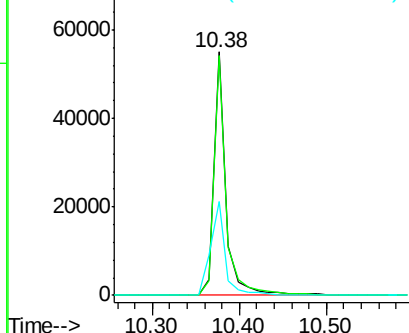
#41
 2,4,6-Tribromophenol
 Concen: 71.56 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089299.D
 Acq: 26 Jul 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.2	115.8
141	46.2	42.2	63.2

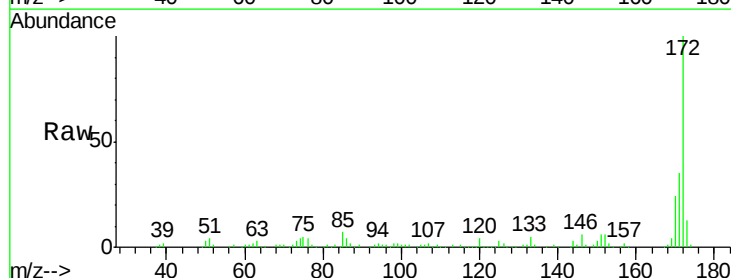


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

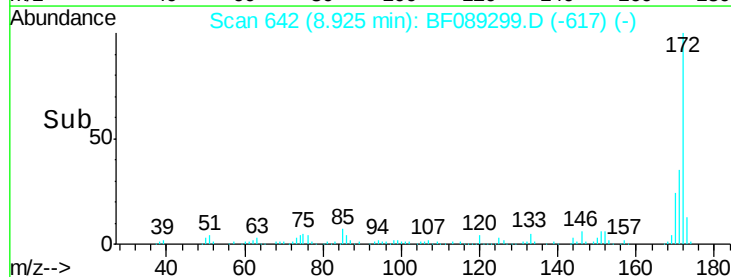
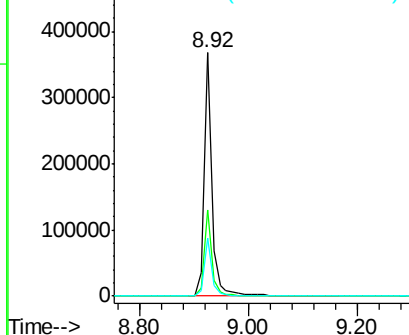


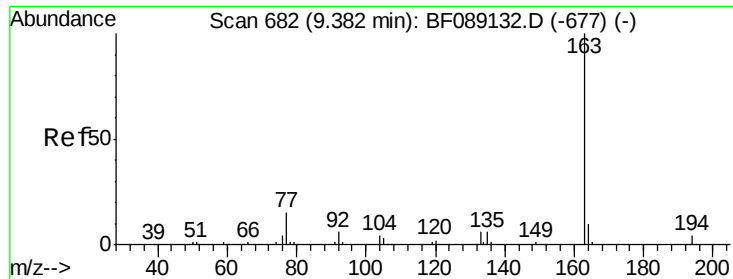
#44
 2-Fluorobiphenyl
 Concen: 59.35 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089299.D
 Acq: 26 Jul 2016 3:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	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

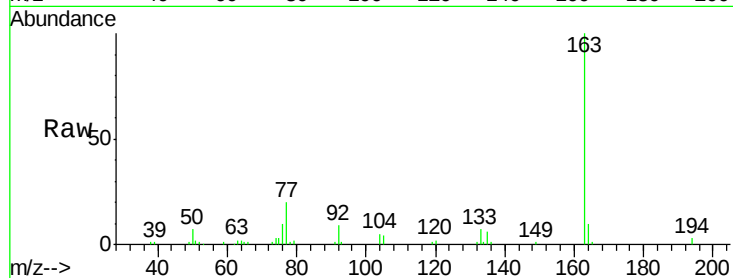




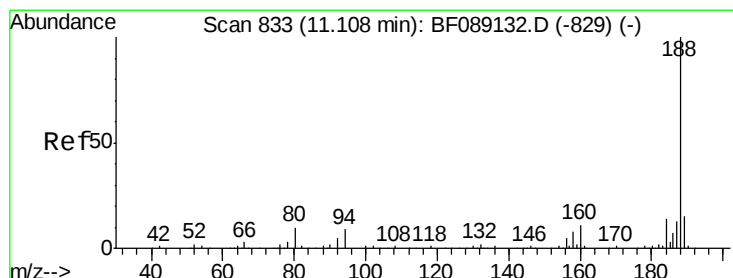
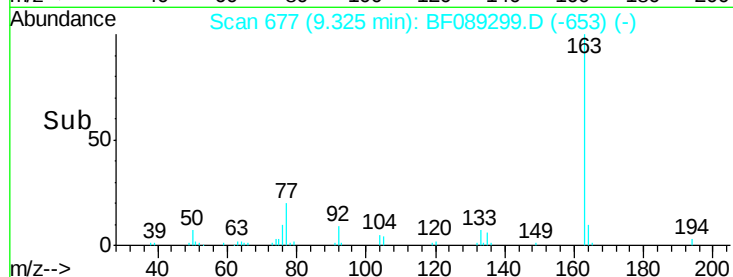
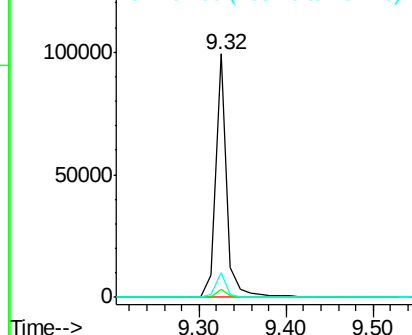
#49
Dimethylphthalate
Concen: 13.84 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion:163 Resp: 88946
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.0 7.6 11.4

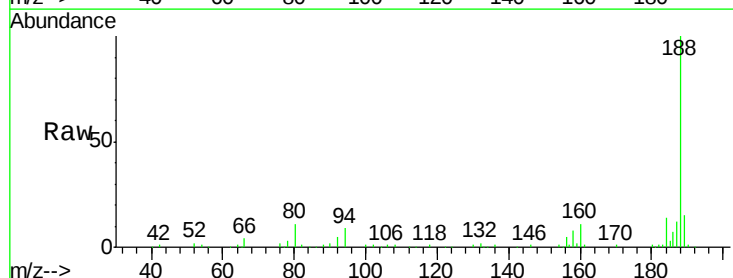


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

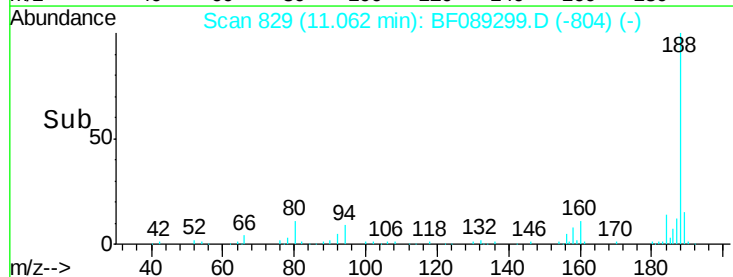
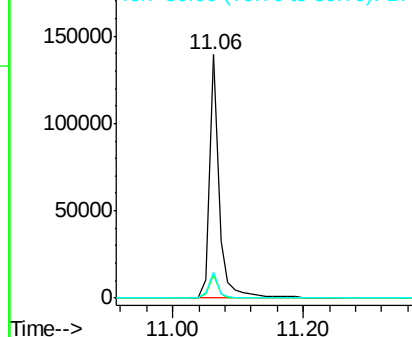


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

Tgt Ion:188 Resp: 143982
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.5 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: BF089299.D

Acq: 26 Jul 2016 3:17

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

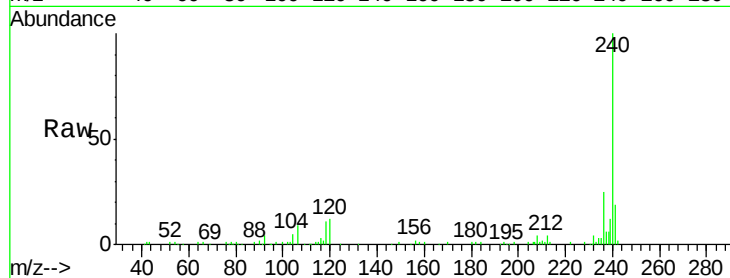
Tot Ion:240 Resp: 104210

Ion Ratio Lower Upper

240 100

120 11.8 13.6 20.4#

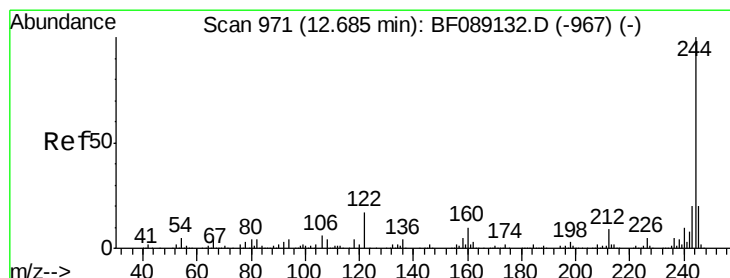
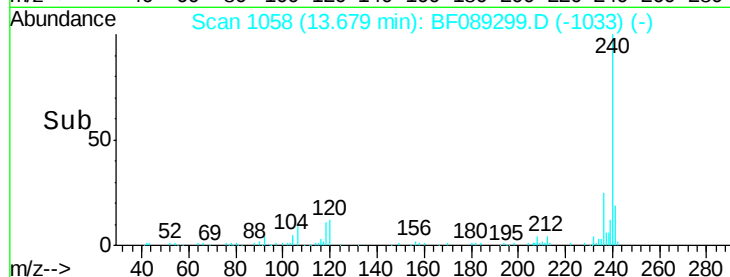
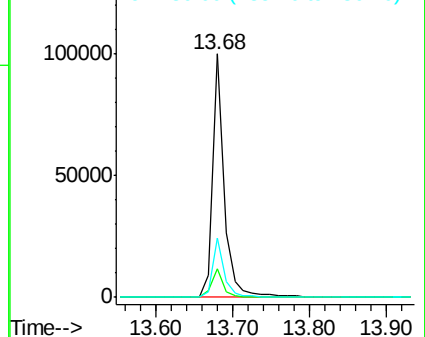
236 24.6 20.5 30.7



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: 49.26 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089299.D

Acq: 26 Jul 2016 3:17

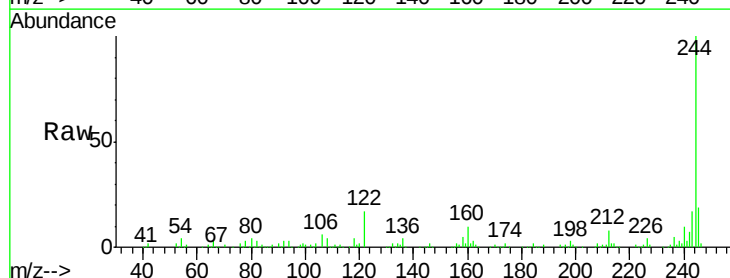
Tgt Ion:244 Resp: 236689

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

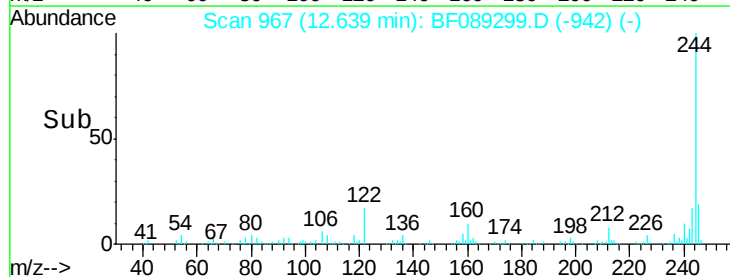
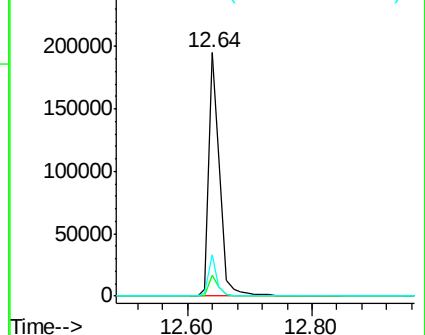
122 17.1 13.8 20.8

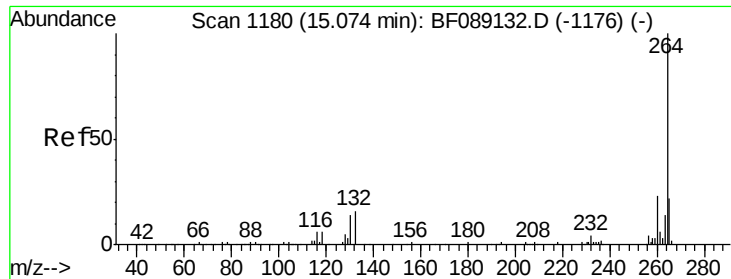


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

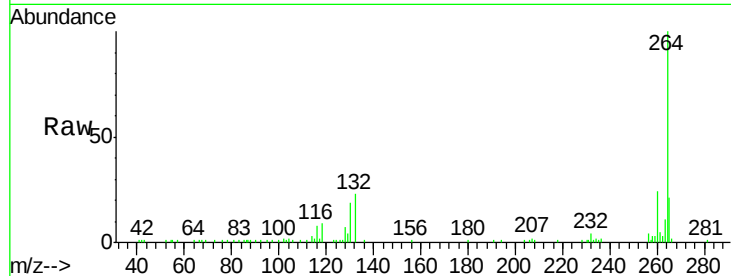




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.2	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

