

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089298.D
 Acq On : 26 Jul 2016 2:48
 Operator : UM/SJ
 Sample : H4184-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jul 26 03:53:52 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

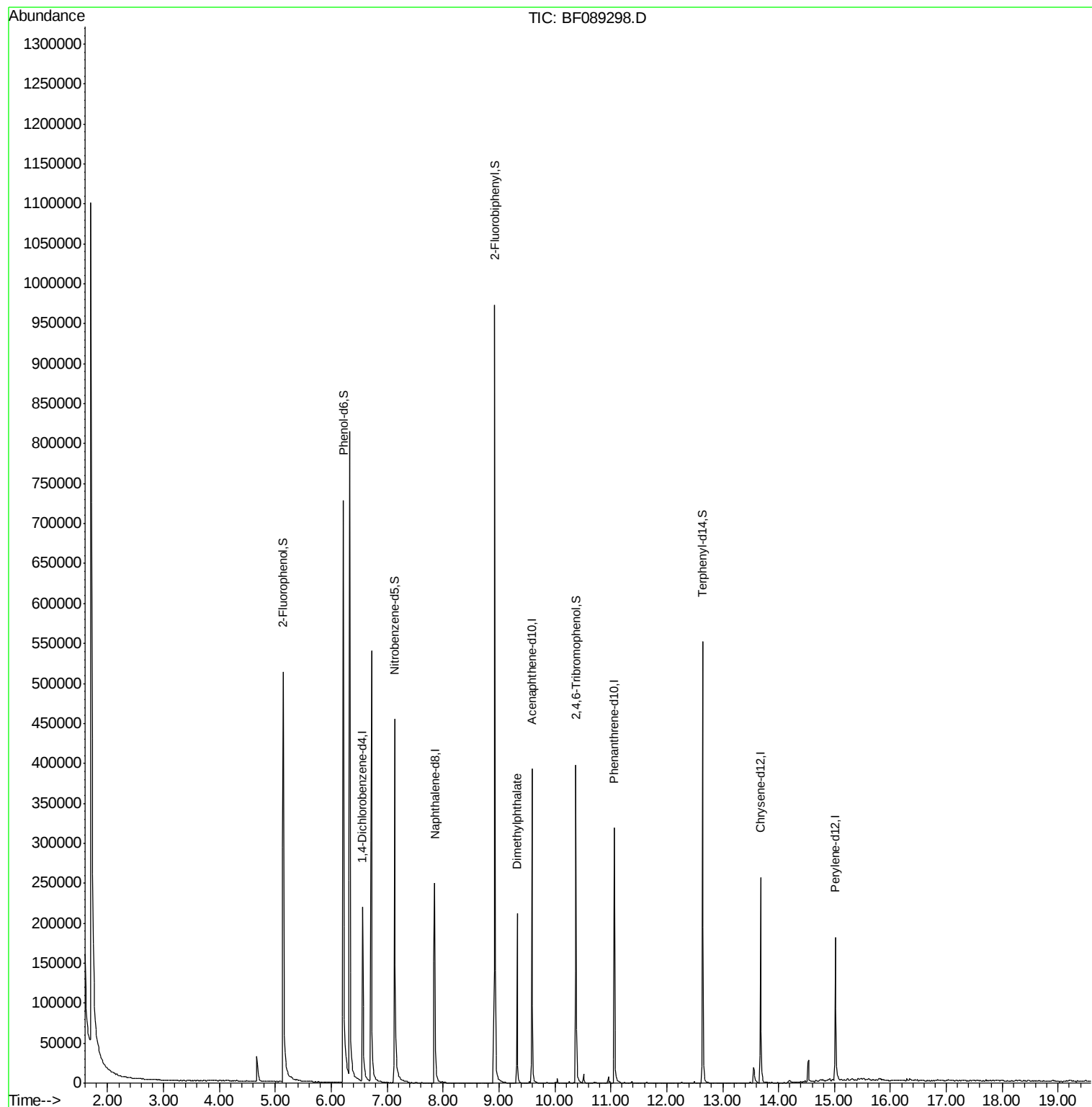
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	47394	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	179455	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	79646	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	132743	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	99592	20.00	ng	-0.01
86) Perylene-d12	15.02	264	83409	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	238961	76.68	ng	0.00
7) Phenol-d6	6.22	99	327099	81.40	ng	-0.01
23) Nitrobenzene-d5	7.13	82	205749	60.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	50591	70.55	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	325560	56.32	ng	-0.01
78) Terphenyl-d14	12.64	244	186372	40.59	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	88068	14.41	ng	99

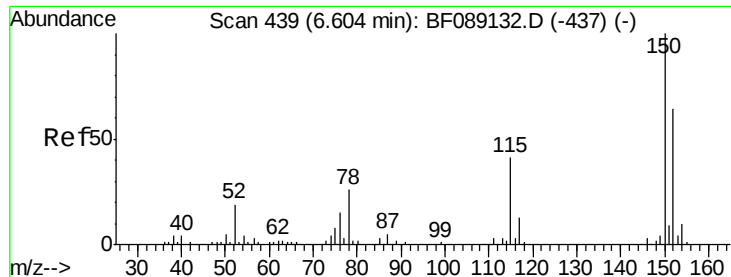
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089298.D

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Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

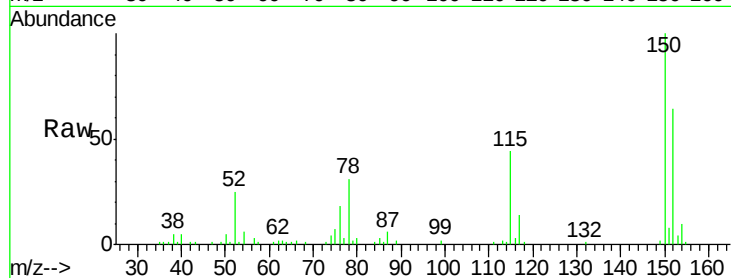
Tot Ion:152 Resp: 47394

Ion Ratio Lower Upper

152 100

150 156.0 125.1 187.7

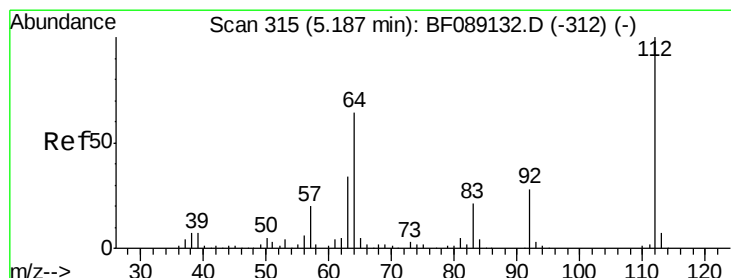
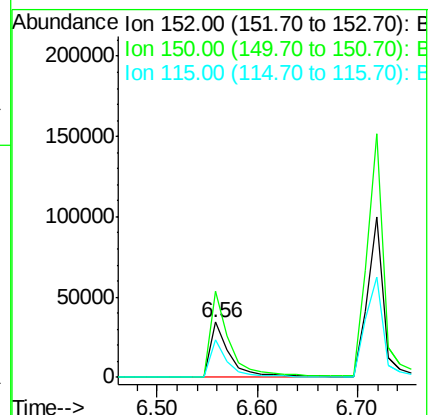
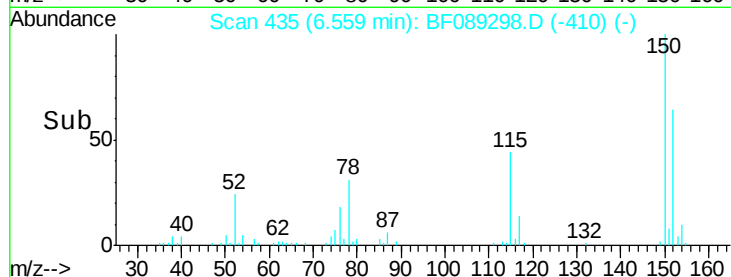
115 68.5 51.1 76.7



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: 76.68 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089298.D

Acq: 26 Jul 2016 2:48

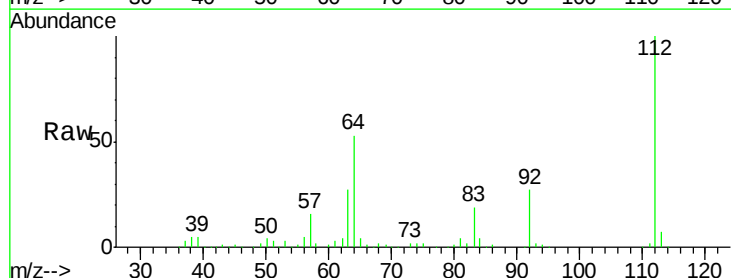
Tgt Ion:112 Resp: 238961

Ion Ratio Lower Upper

112 100

64 52.5 51.0 76.4

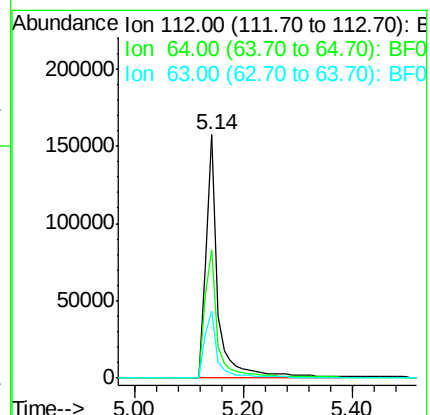
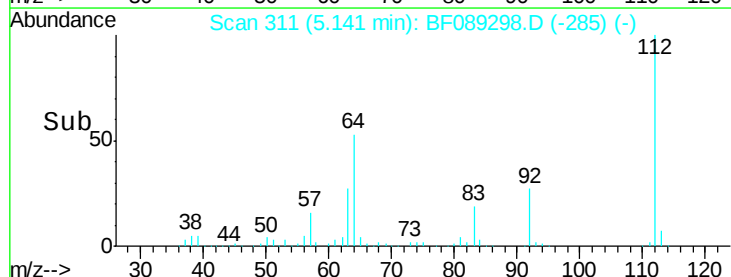
63 27.4 27.3 40.9

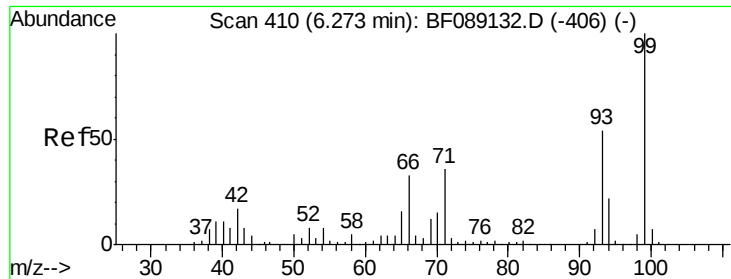


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.40 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089298.D

Acq: 26 Jul 2016 2:48

Instrument :

BNA_F

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SB-03-COMP

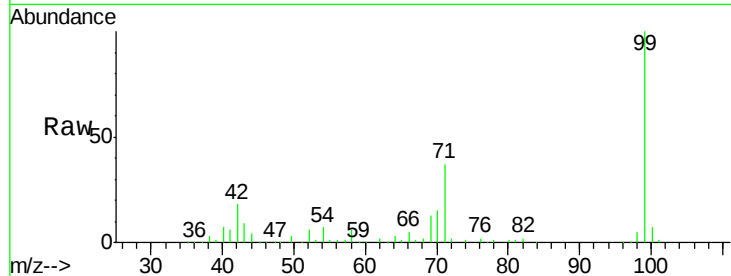
Tot Ion: 99 Resp: 327099

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

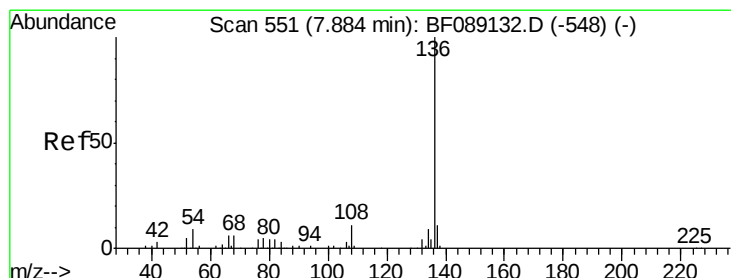
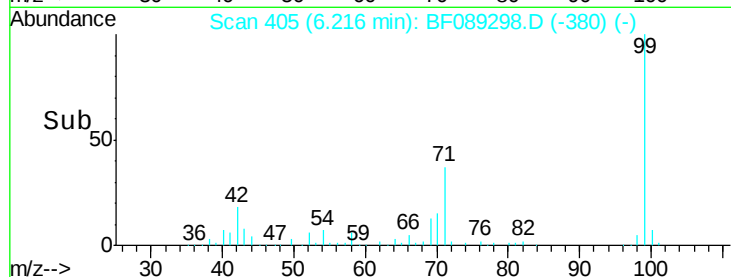
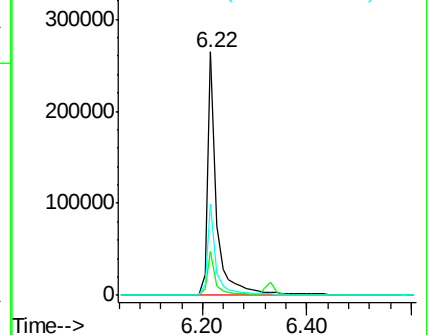
71 37.5 28.9 43.3



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: BF089298.D

Acq: 26 Jul 2016 2:48

Tgt Ion: 136 Resp: 179455

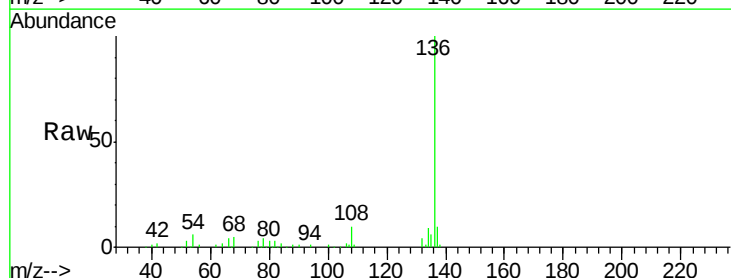
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 5.8 7.0 10.4#

68 4.7 5.0 7.6#

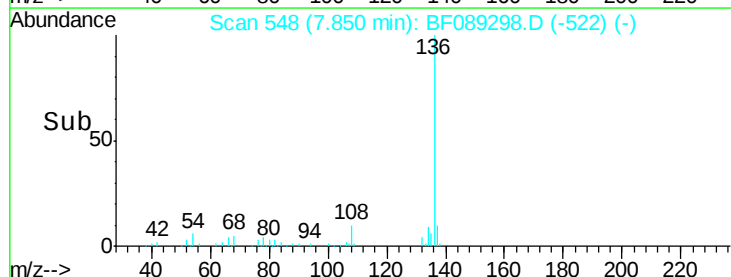
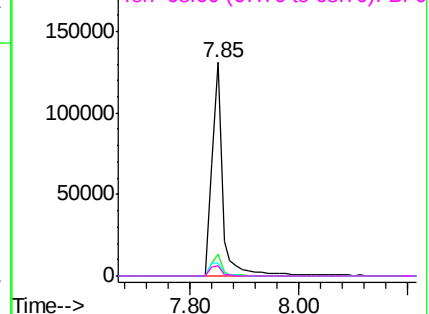


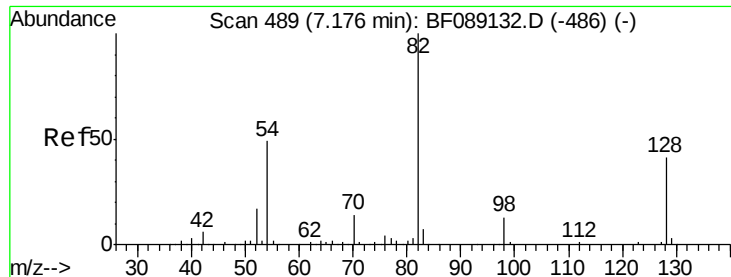
Abundance Ion 136.00 (135.70 to 136.70): E

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

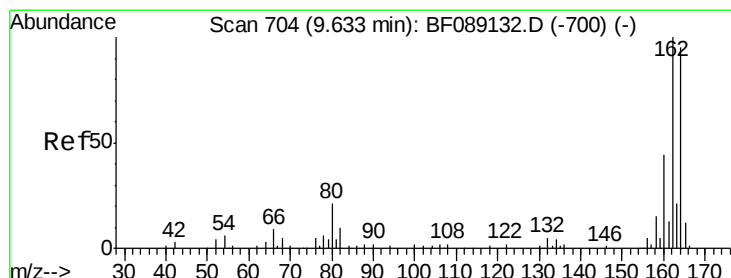
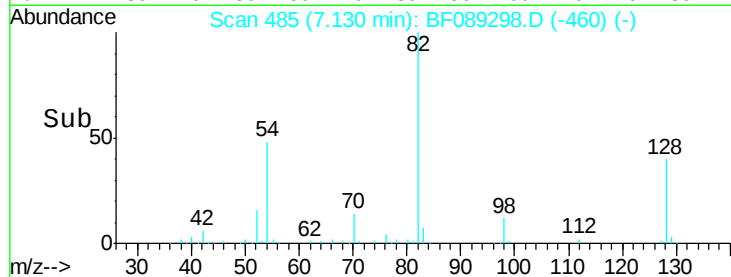
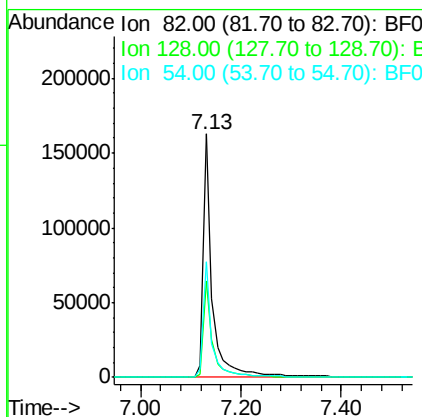
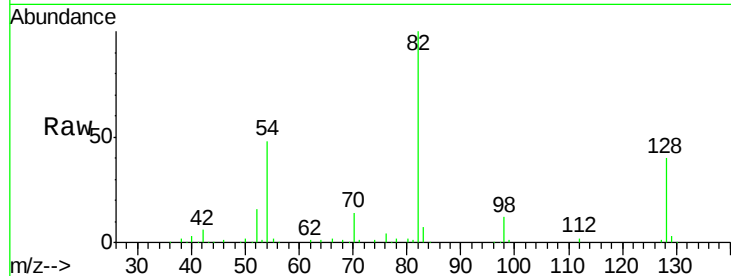




#23
 Nitrobenzene-d5
 Concen: 60.92 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

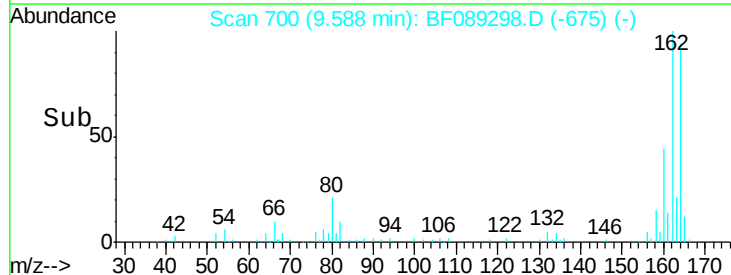
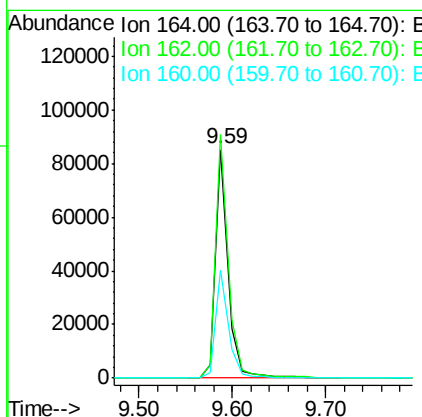
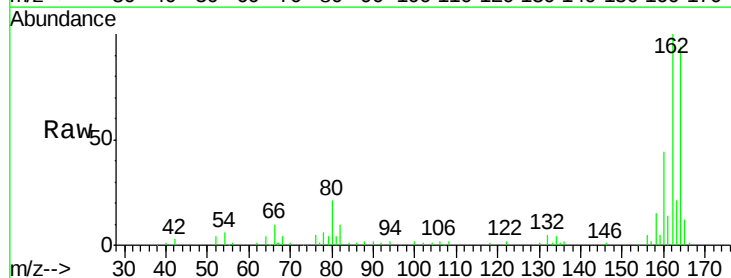
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

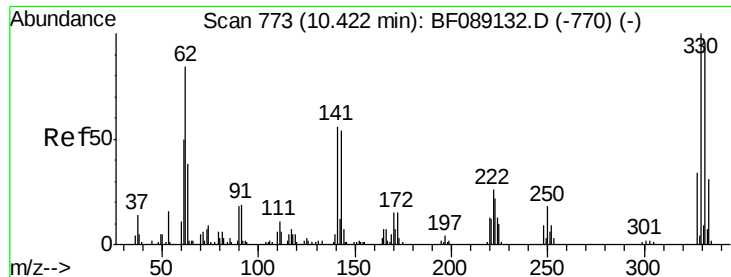
Tot Ion	82	Resp	205749
Ion Ratio	Lower	Upper	
82	100		
128	39.8	33.0	49.6
54	47.5	39.0	58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Tgt Ion	164	Resp	79646
Ion Ratio	Lower	Upper	
164	100		
162	106.4	84.1	126.1
160	47.2	37.1	55.7

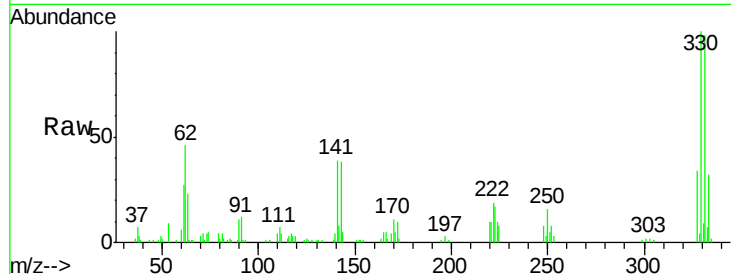




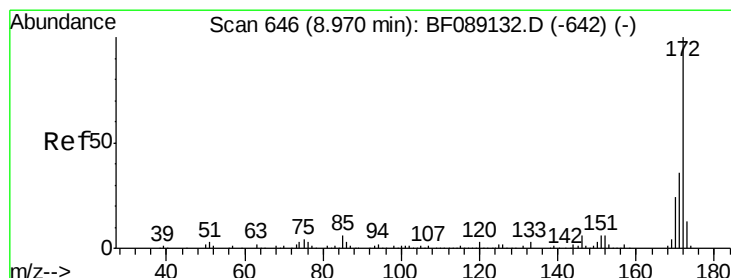
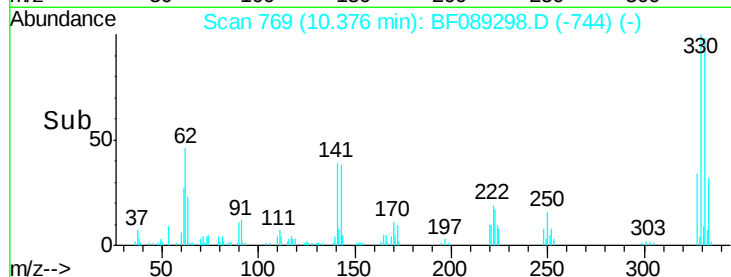
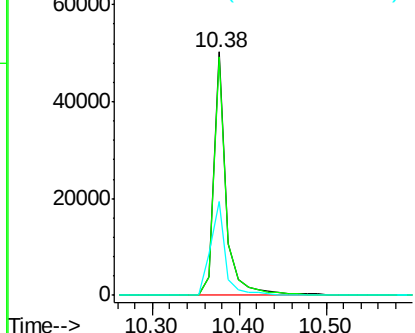
#41
 2,4,6-Tribromophenol
 Concen: 70.55 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion:330 Resp: 50591
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.2 115.8
 141 45.7 42.2 63.2

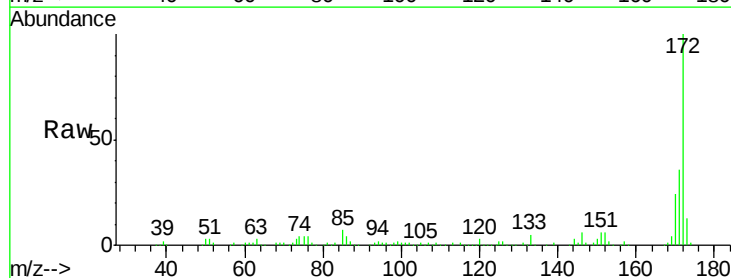


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

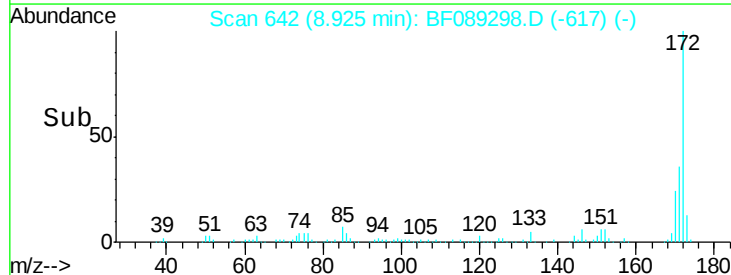
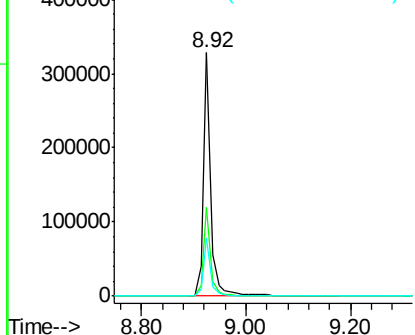


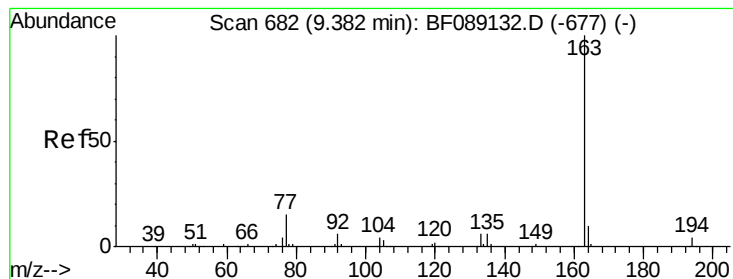
#44
 2-Fluorobiphenyl
 Concen: 56.32 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Tgt Ion:172 Resp: 325560
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 14.41 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF089298.D

Acq: 26 Jul 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

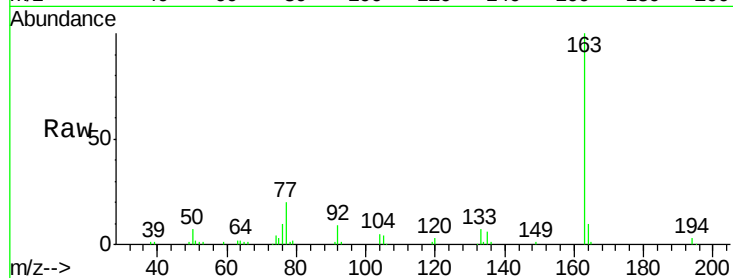
Tot Ion:163 Resp: 88068

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

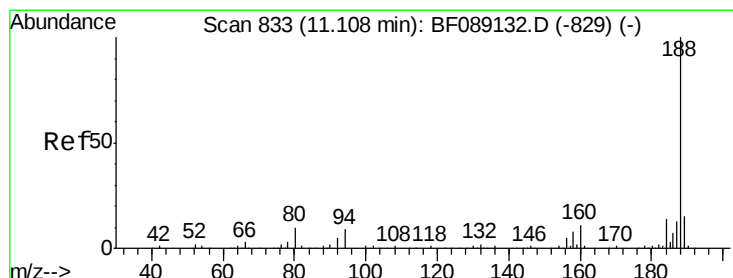
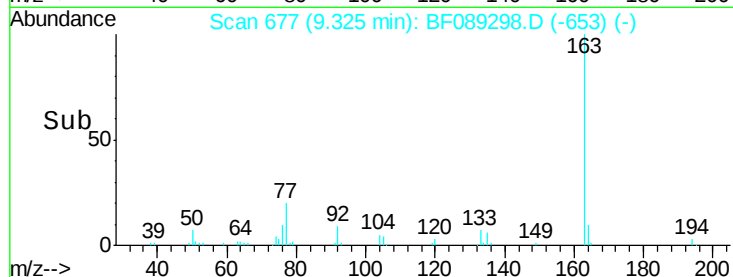
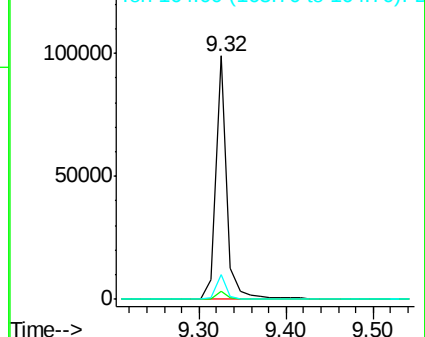
164 9.9 7.6 11.4



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: BF089298.D

Acq: 26 Jul 2016 2:48

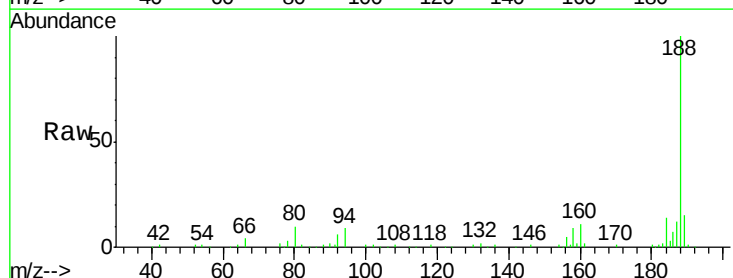
Tgt Ion:188 Resp: 132743

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

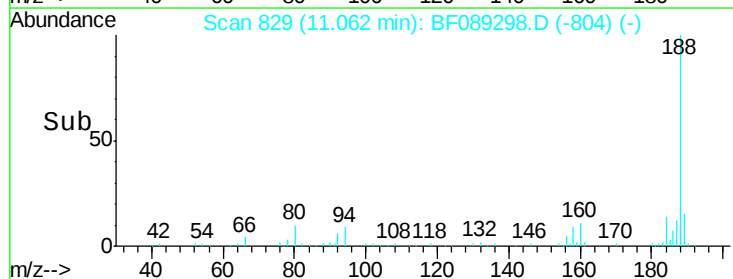
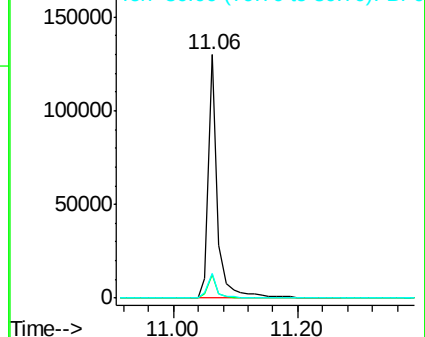
80 10.3 7.7 11.5



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: BF089298.D

Acq: 26 Jul 2016 2:48

Instrument :

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SB-03-COMP

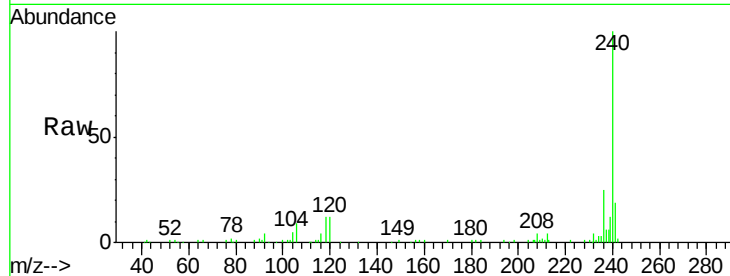
Tot Ion:240 Resp: 99592

Ion Ratio Lower Upper

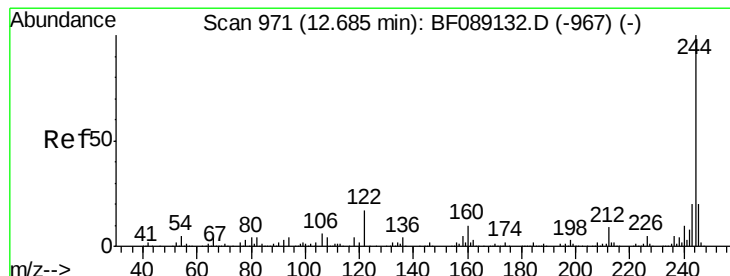
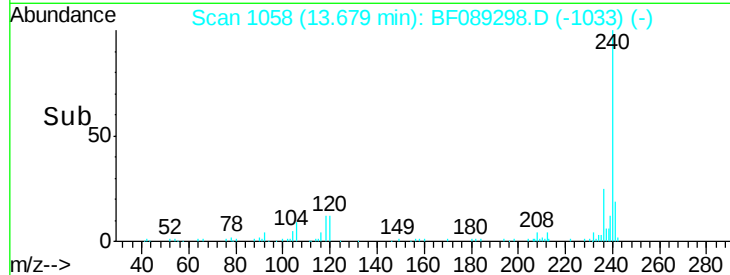
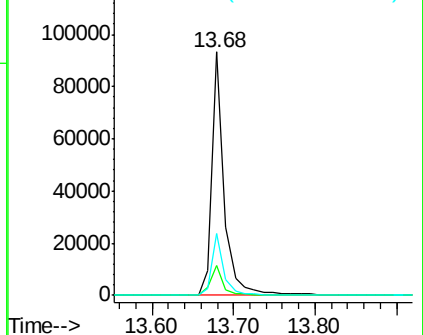
240 100

120 12.2 13.6 20.4#

236 25.4 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: 40.59 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089298.D

Acq: 26 Jul 2016 2:48

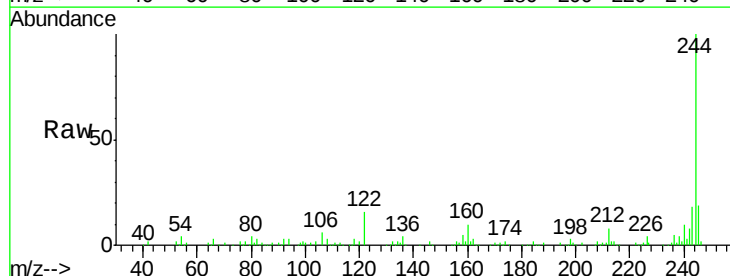
Tgt Ion:244 Resp: 186372

Ion Ratio Lower Upper

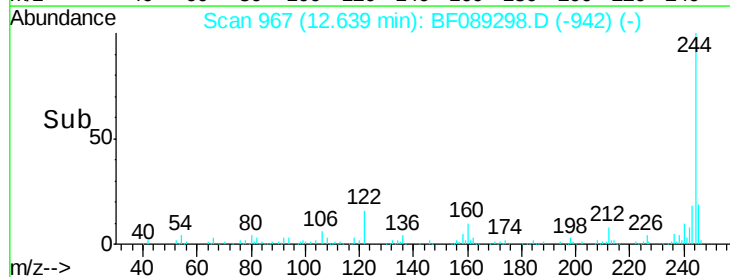
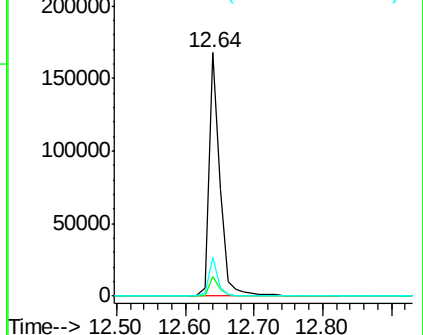
244 100

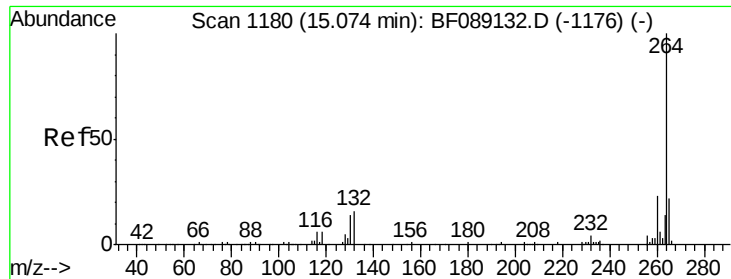
212 8.1 7.0 10.4

122 16.2 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

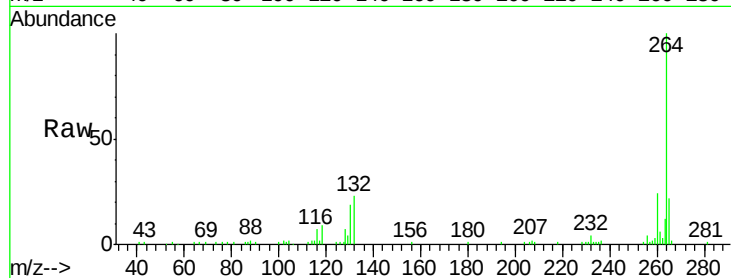




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.0	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

