

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089278.D
 Acq On : 25 Jul 2016 14:42
 Operator : UM/SJ
 Sample : H4150-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Quant Time: Jul 26 12:59:39 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

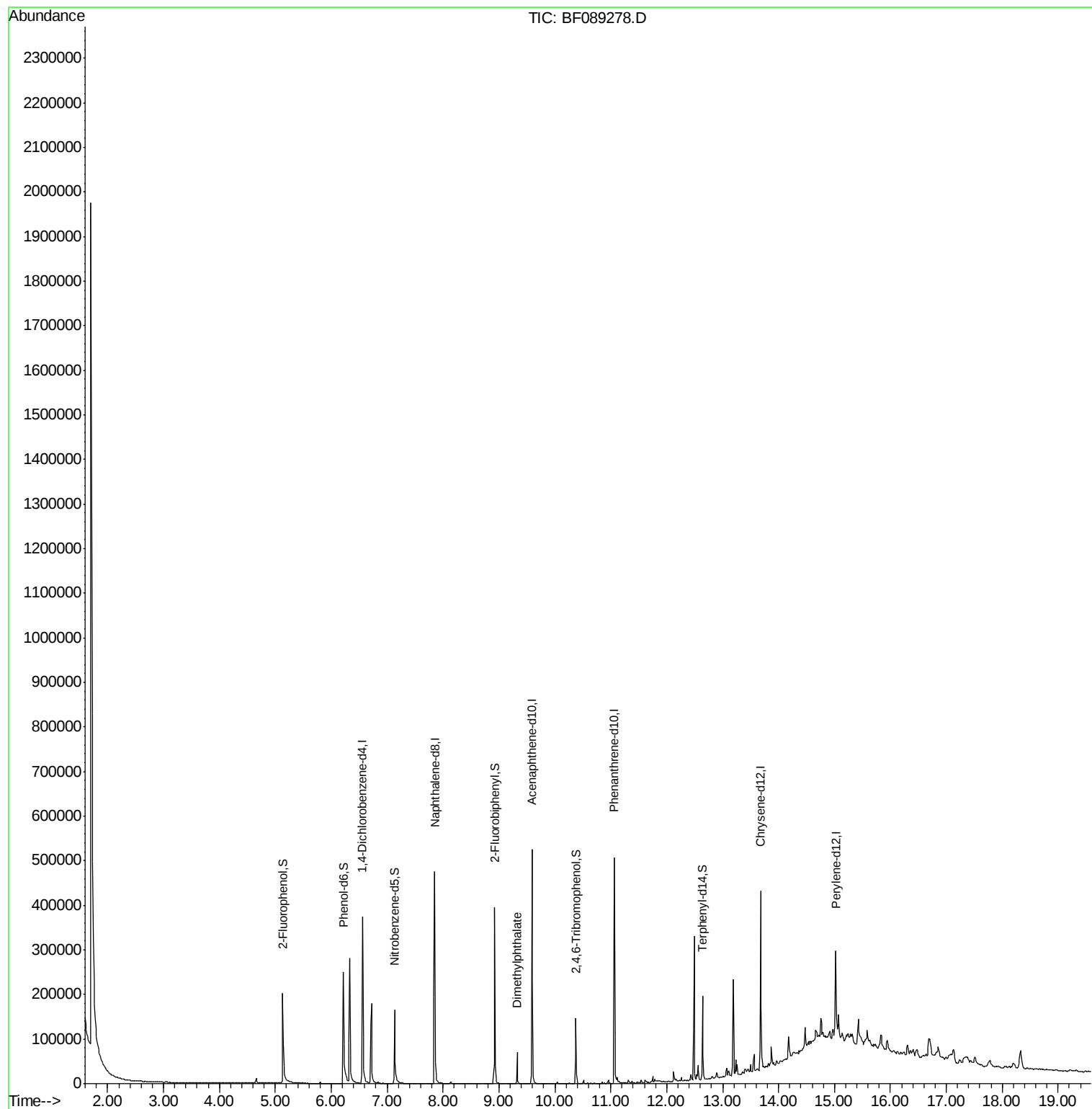
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	67437	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	273871	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	114894	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	196270	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	139366	20.00	ng	-0.01
86) Perylene-d12	15.03	264	109615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	92688	20.90	ng	-0.01
7) Phenol-d6	6.22	99	132326	23.14	ng	-0.01
23) Nitrobenzene-d5	7.13	82	79597	15.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	18957	18.33	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	127199	15.25	ng	-0.01
78) Terphenyl-d14	12.64	244	60029	9.34	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	28714m	3.26	ng	

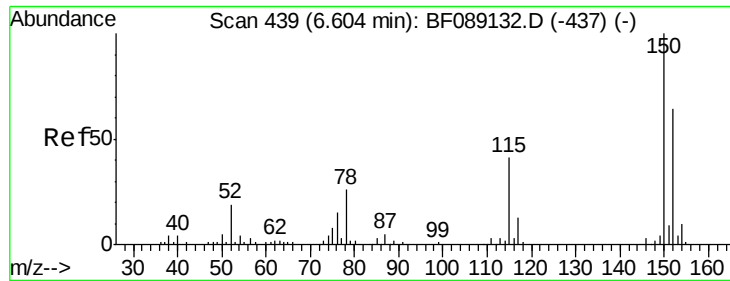
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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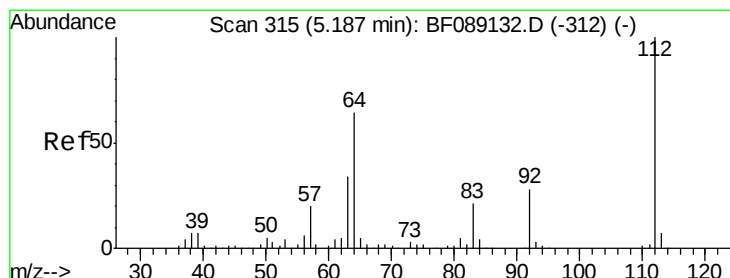
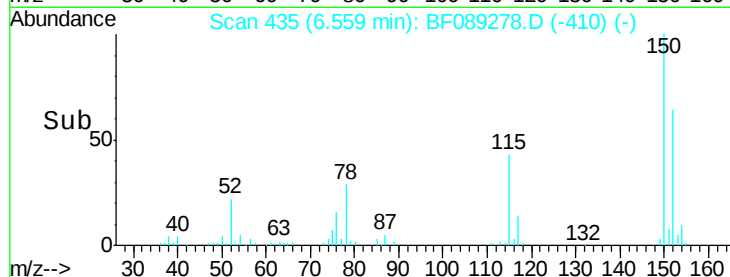
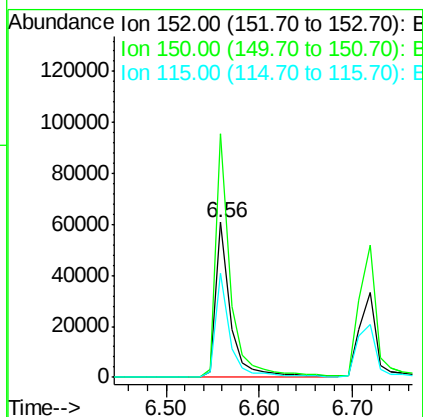
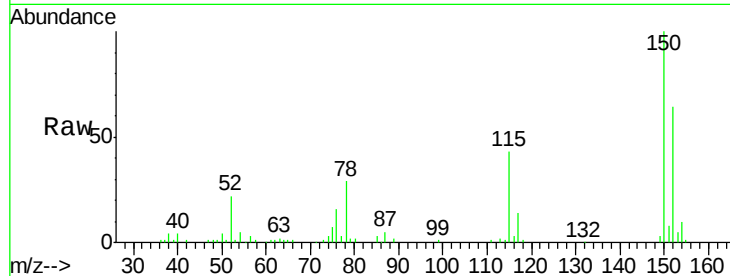


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

Instrument :
BNA_F
ClientSampled :
TS-1

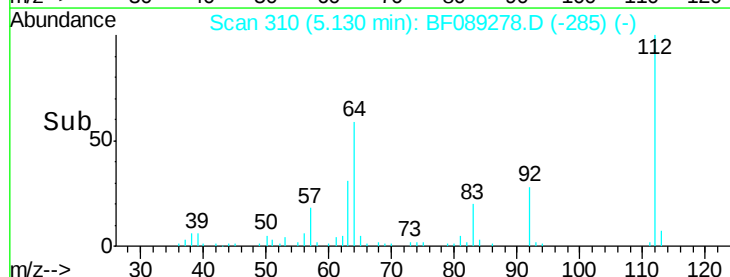
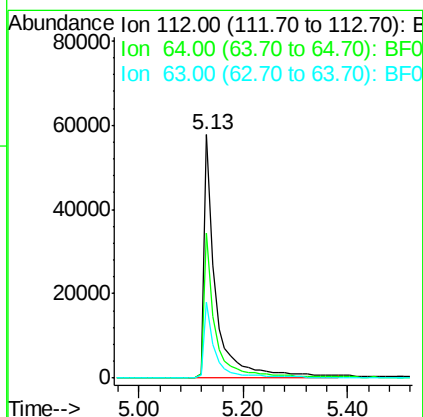
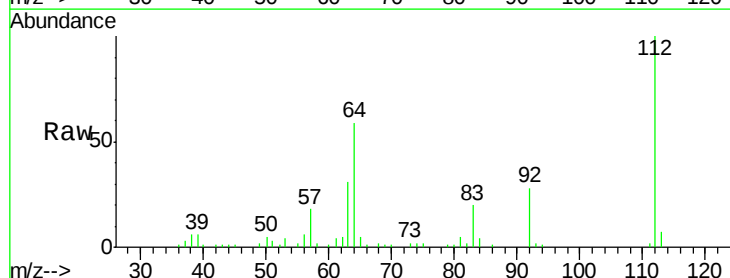
Tot Ion:152 Resp: 67437
Ion Ratio Lower Upper
152 100
150 157.1 125.1 187.7
115 67.5 51.1 76.7

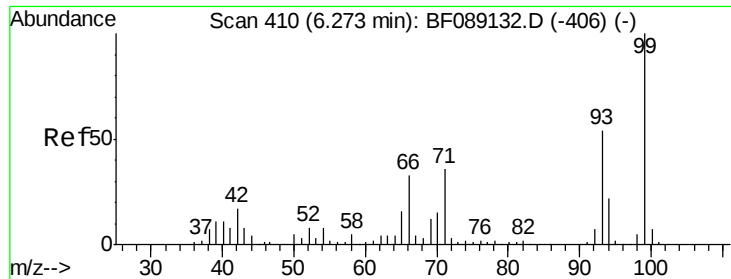


#5

2-Fluorophenol
Concen: 20.90 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

Tgt Ion:112 Resp: 92688
Ion Ratio Lower Upper
112 100
64 59.4 51.0 76.4
63 31.0 27.3 40.9





#7

Phenol-d6

Concen: 23.14 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

TS-1

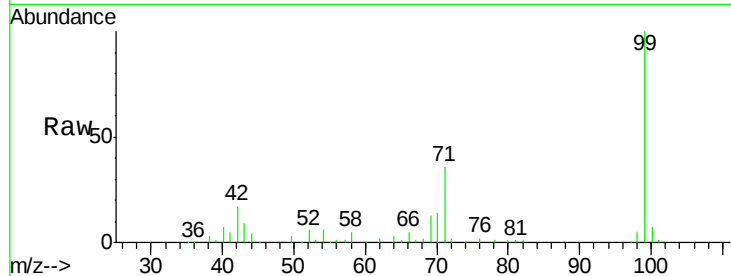
Tot Ion: 99 Resp: 132326

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

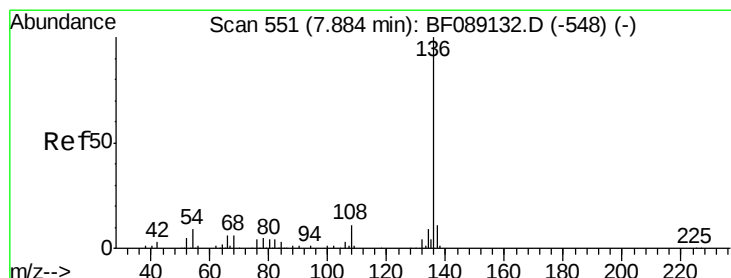
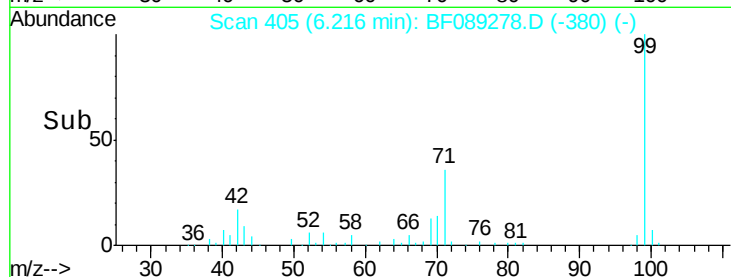
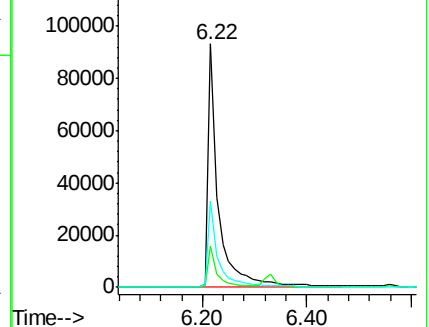
71 35.6 28.9 43.3



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: BF089278.D

Acq: 25 Jul 2016 14:42

Tgt Ion: 136 Resp: 273871

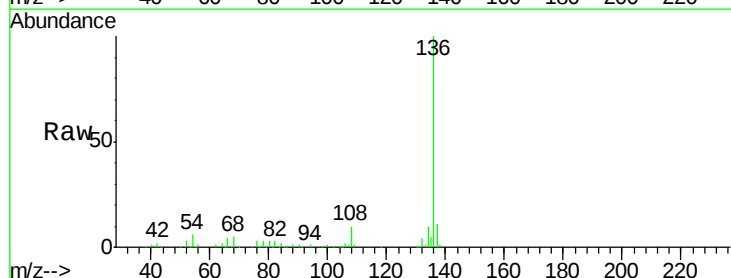
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 5.8 7.0 10.4#

68 4.5 5.0 7.6#

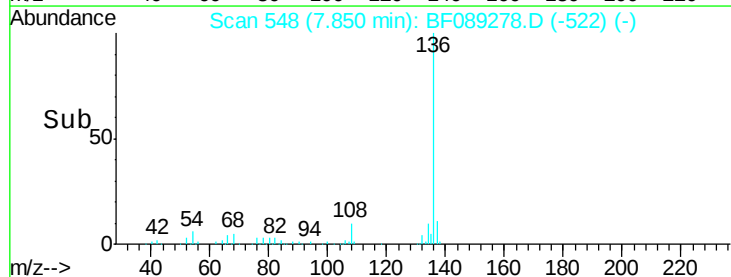
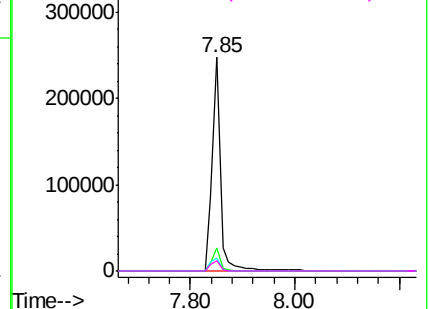


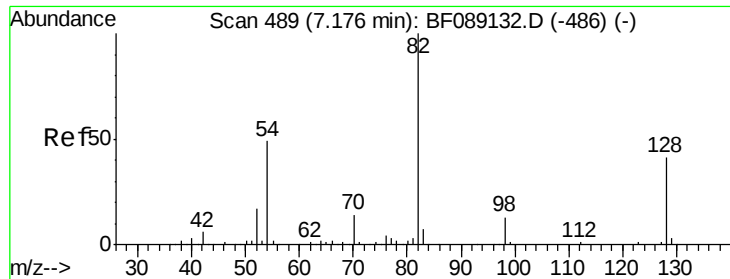
Abundance Ion 136.00 (135.70 to 136.70): E

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

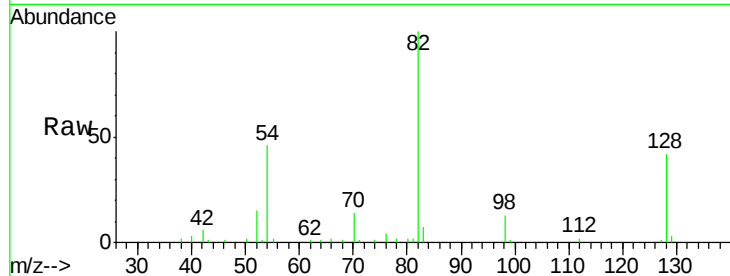




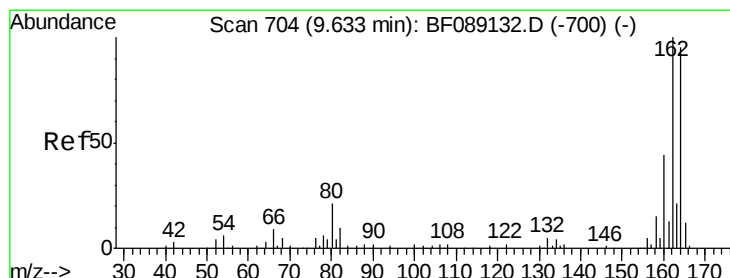
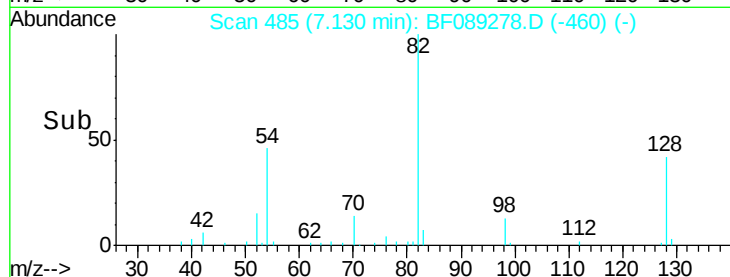
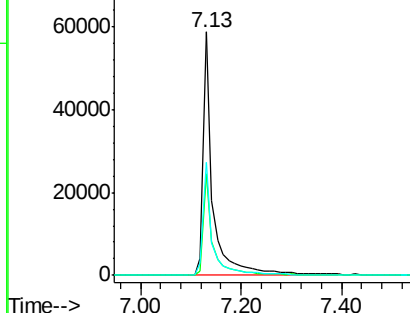
#23
Nitrobenzene-d5
Concen: 15.44 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

Instrument :
BNA_F
ClientSampled :
TS-1

Tot Ion	82	Resp	79597
Ion Ratio	100	Lower	Upper
128	41.9	33.0	49.6
54	46.2	39.0	58.4

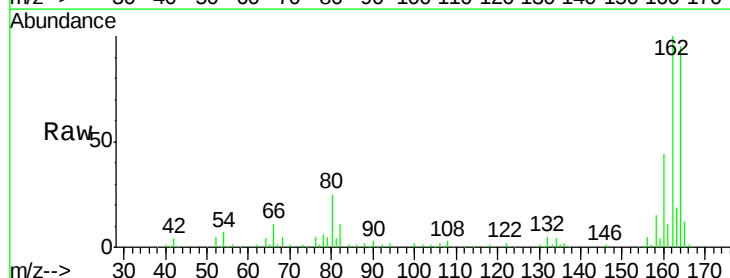


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

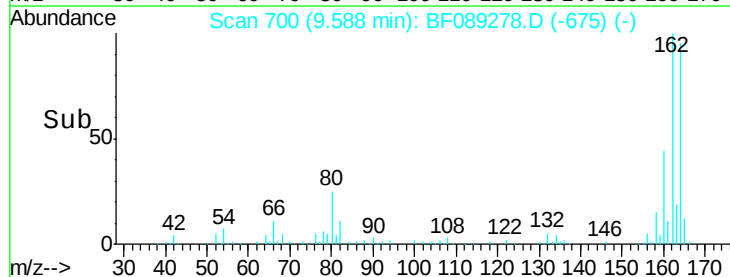
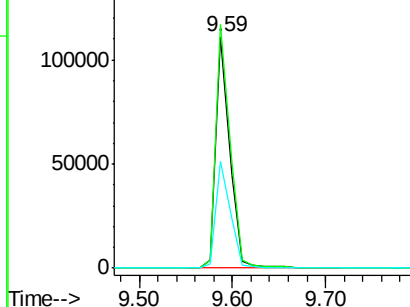


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

Tgt Ion	164	Resp	114894
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.3	84.1	126.1
160	46.4	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

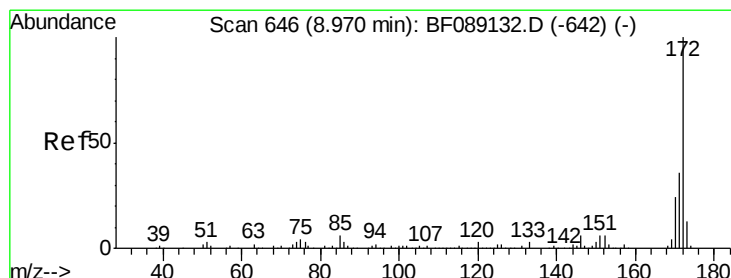
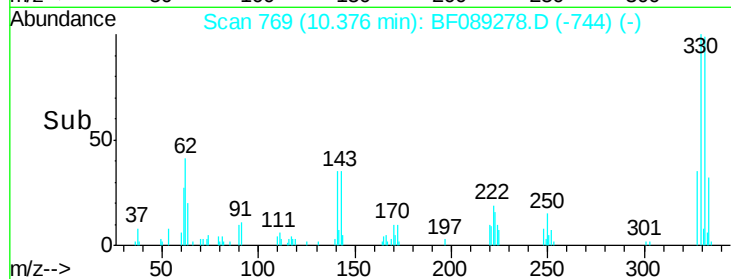
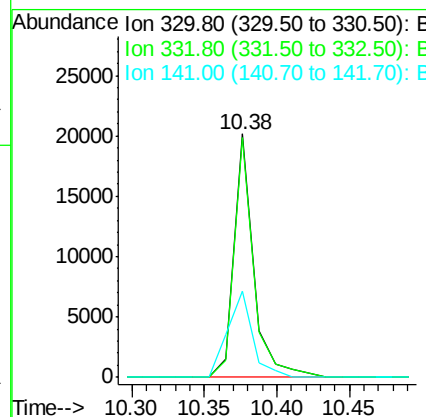
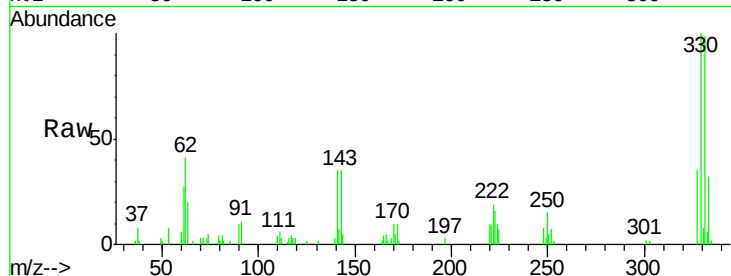




#41
 2,4,6-Tribromophenol
 Concen: 18.33 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089278.D
 Acq: 25 Jul 2016 14:42

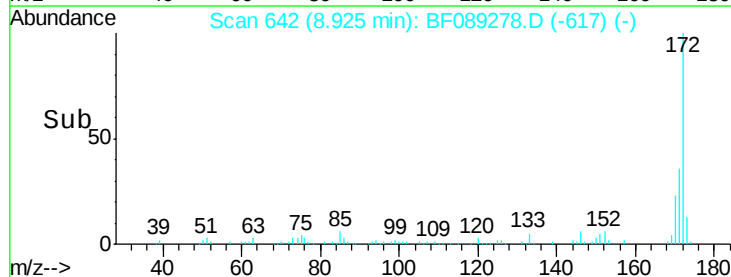
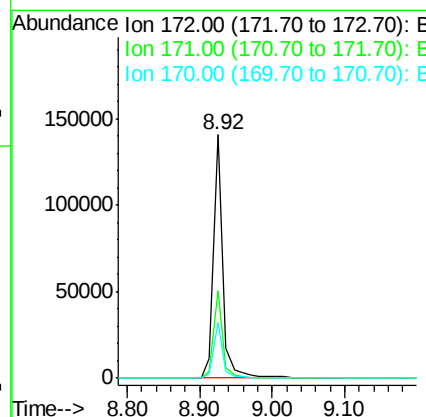
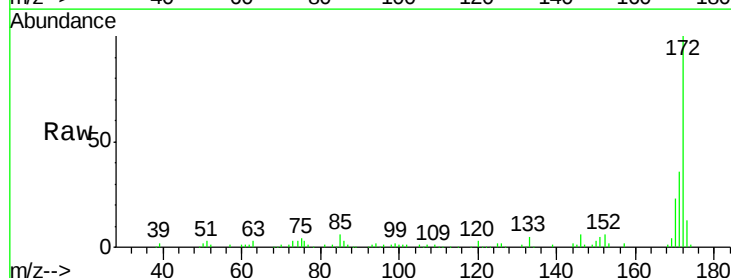
Instrument :
 BNA_F
 ClientSampled :
 TS-1

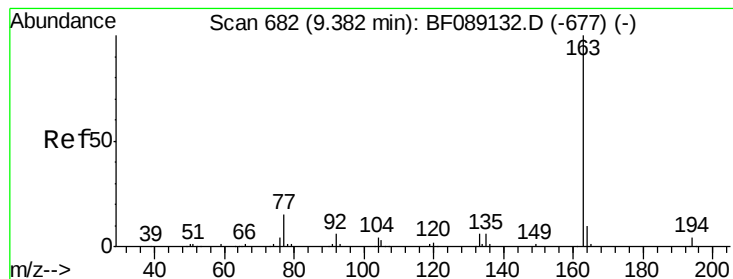
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.2	115.8
141	45.2	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 15.25 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089278.D
 Acq: 25 Jul 2016 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	22.9	19.1	28.7





#49

Dimethylphthalate

Concen: 3.26 ng/ml

RT: 9.32 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

TS-1

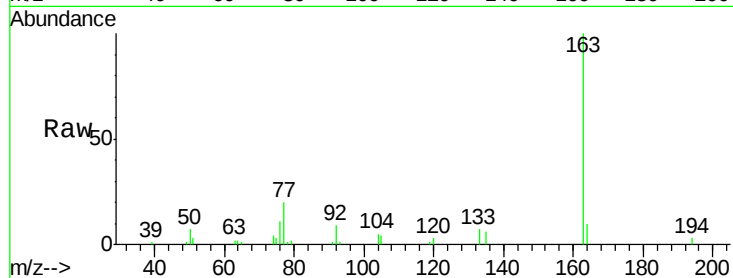
Tot Ion:163 Resp: 28714

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

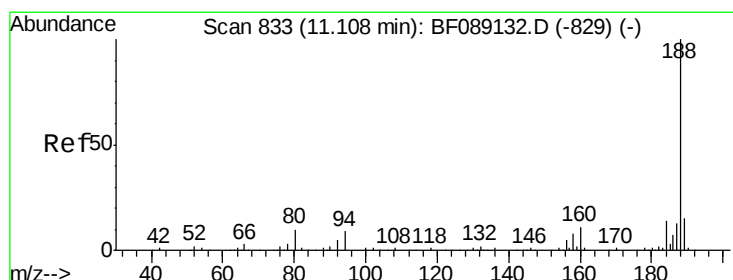
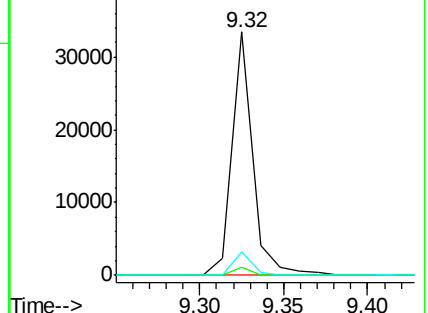
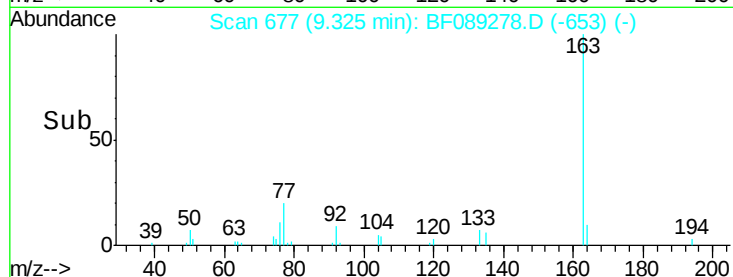
164 9.7 7.6 11.4



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/ml

RT: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

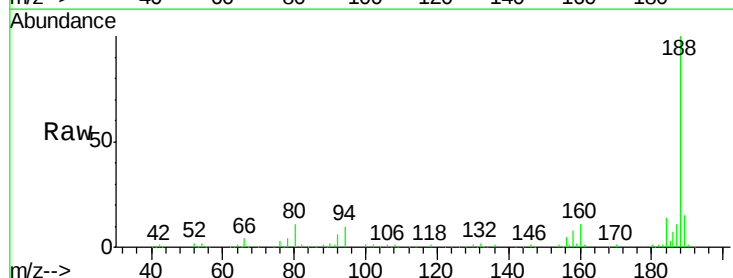
Tgt Ion:188 Resp: 196270

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

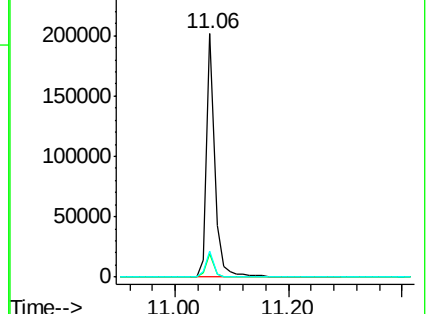
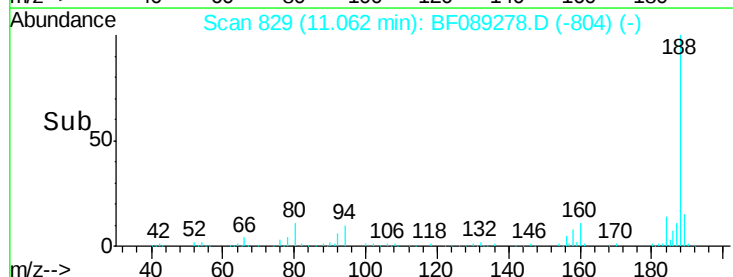
80 10.9 7.7 11.5



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: BF089278.D

Acq: 25 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

TS-1

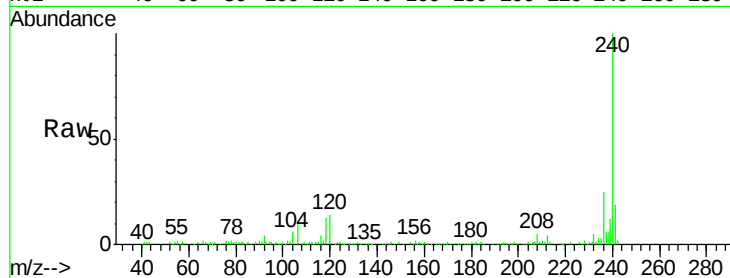
Tot Ion:240 Resp: 139366

Ion Ratio Lower Upper

240 100

120 14.4 13.6 20.4

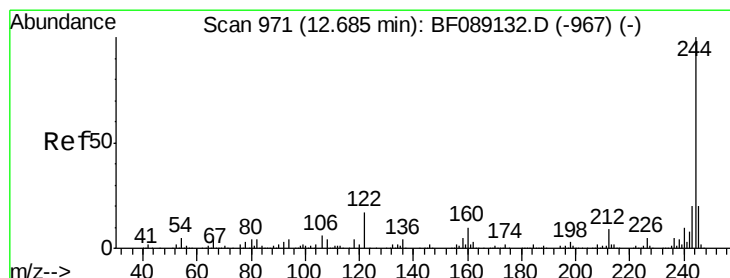
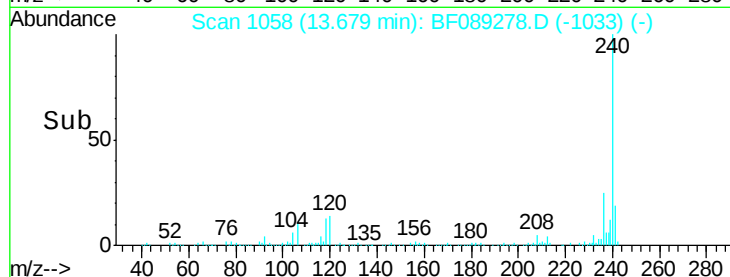
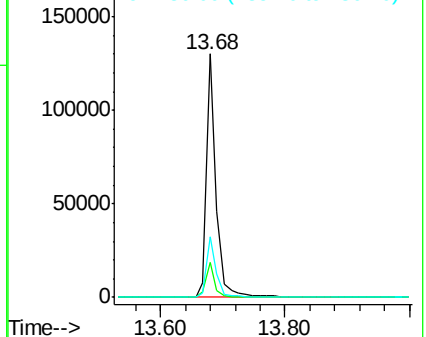
236 25.0 20.5 30.7



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: 9.34 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

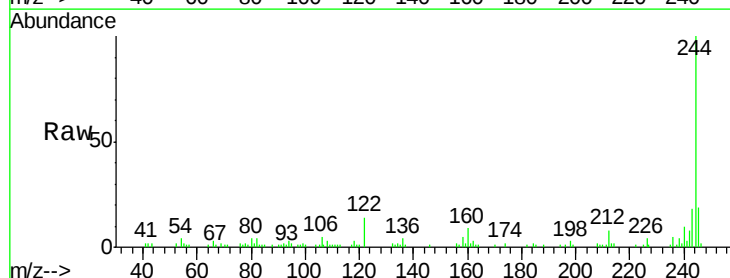
Tgt Ion:244 Resp: 60029

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

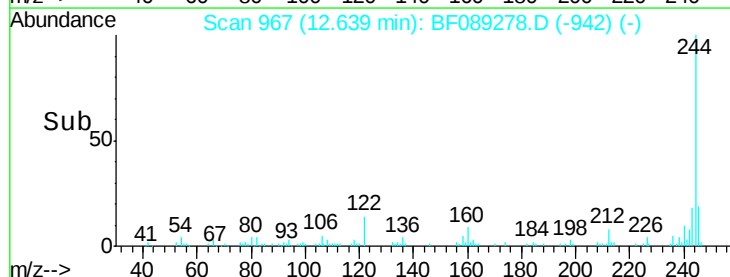
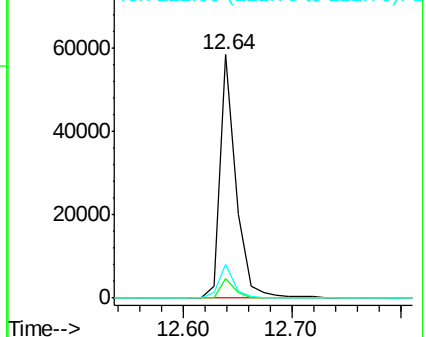
122 13.9 13.8 20.8

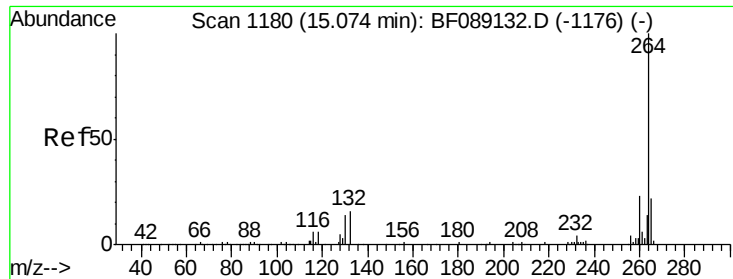


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.03 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

Instrument :
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TS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.3	17.3	25.9

