

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089225.D
 Acq On : 23 Jul 2016 8:53
 Operator : UM/SJ
 Sample : H4121-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW1

Quant Time: Jul 25 03:43:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46103	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	206912	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	97731	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	192749	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	148592	20.00	ng	-0.02
86) Perylene-d12	15.04	264	107232	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	146222	48.24	ng	-0.03
7) Phenol-d6	6.23	99	125595	32.13	ng	-0.05
23) Nitrobenzene-d5	7.15	82	363421	93.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	110193	125.23	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	678769	95.69	ng	-0.02
78) Terphenyl-d14	12.67	244	561100	81.90	ng	-0.01

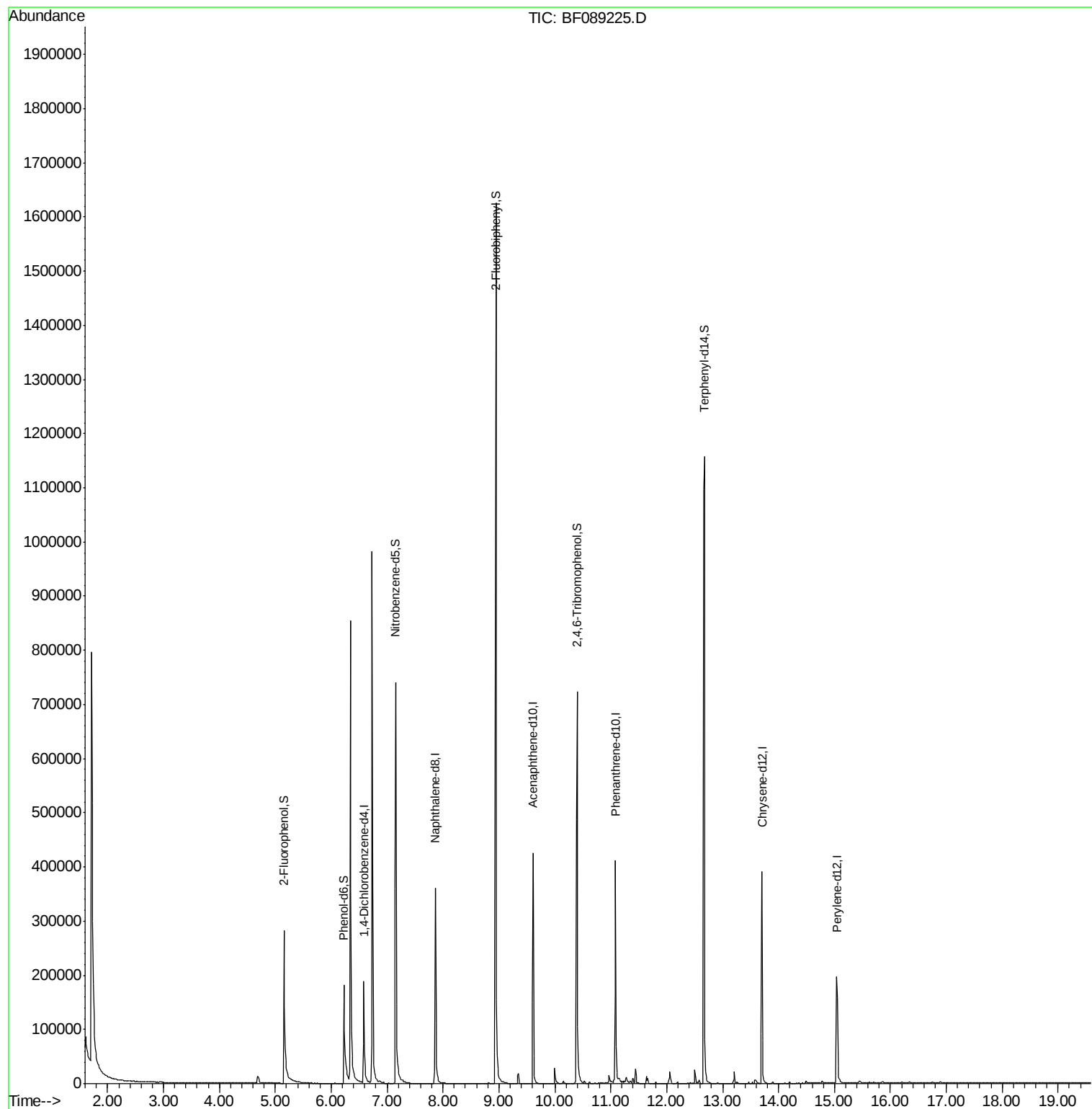
Target Compounds	Qvalue
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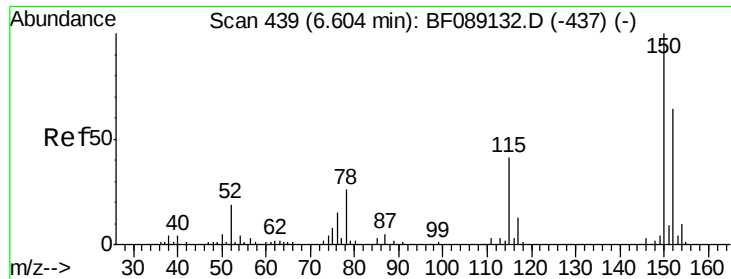
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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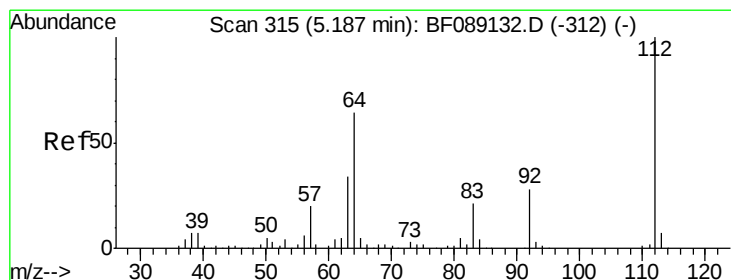
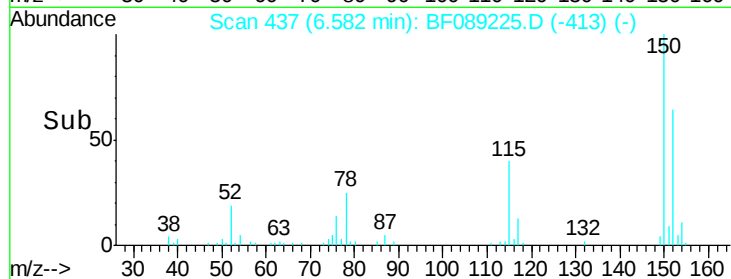
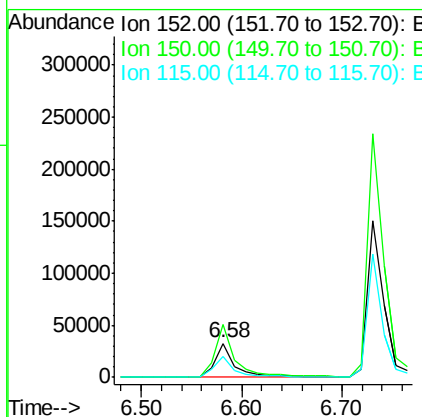
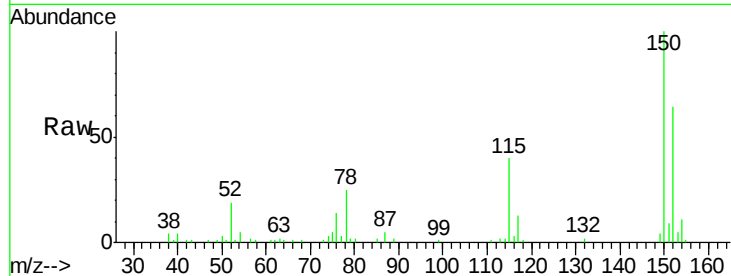




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089225.D
 Acq: 23 Jul 2016 8:53

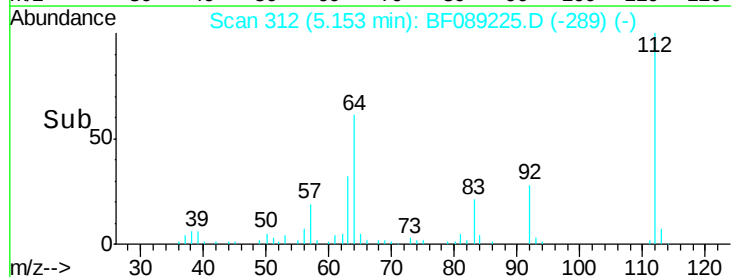
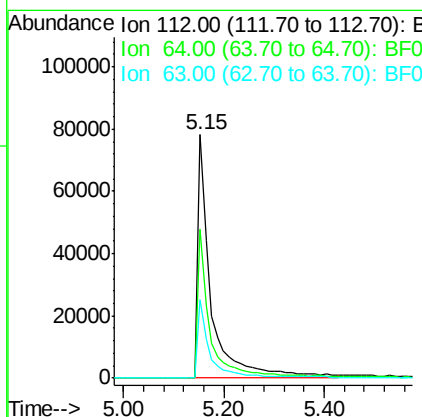
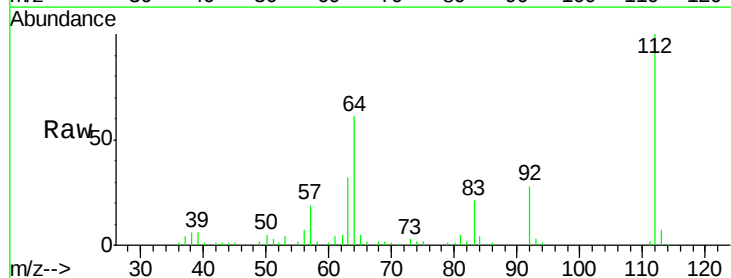
Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW1

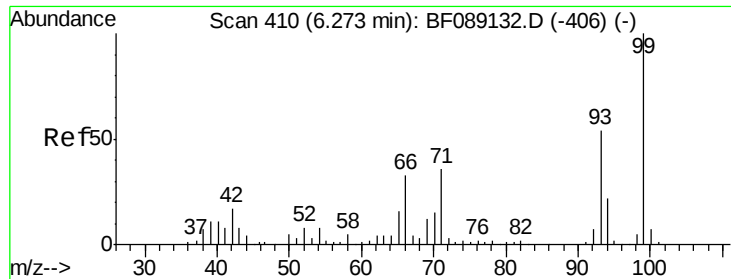
Tgt Ion:152 Resp: 46103
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.1 187.7
 115 63.0 51.1 76.7



#5
 2-Fluorophenol
 Concen: 48.24 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.03 min
 Lab File: BF089225.D
 Acq: 23 Jul 2016 8:53

Tgt Ion:112 Resp: 146222
 Ion Ratio Lower Upper
 112 100
 64 61.3 51.0 76.4
 63 32.3 27.3 40.9





#7

Phenol-d6

Concen: 32.13 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089225.D

Acq: 23 Jul 2016 8:53

Instrument :

BNA_F

ClientSampleId :

TEC-MW1

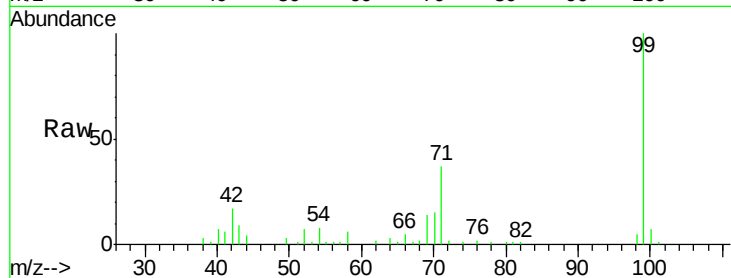
Tgt Ion: 99 Resp: 125595

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

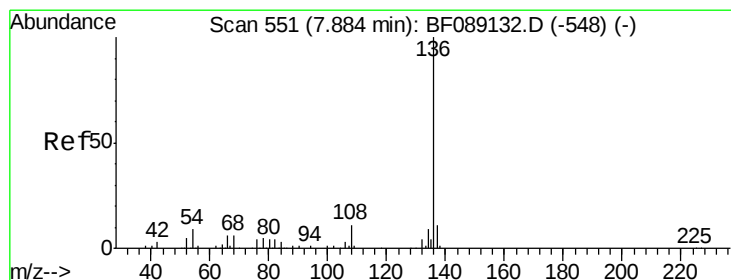
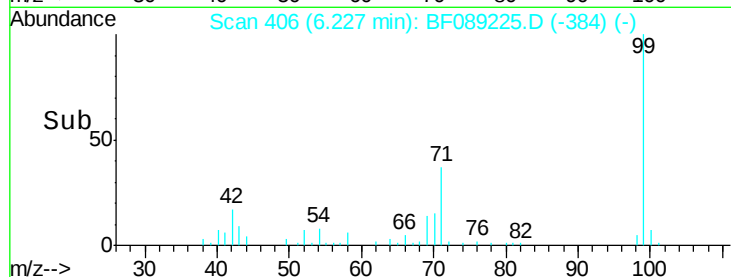
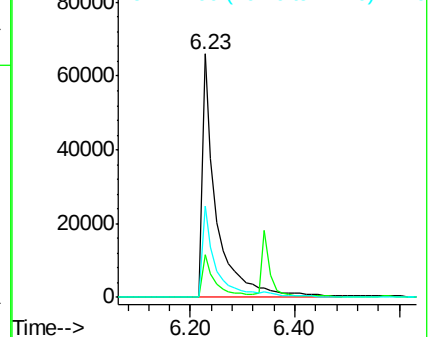
71 37.4 28.9 43.3



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: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089225.D

Acq: 23 Jul 2016 8:53

Tgt Ion: 136 Resp: 206912

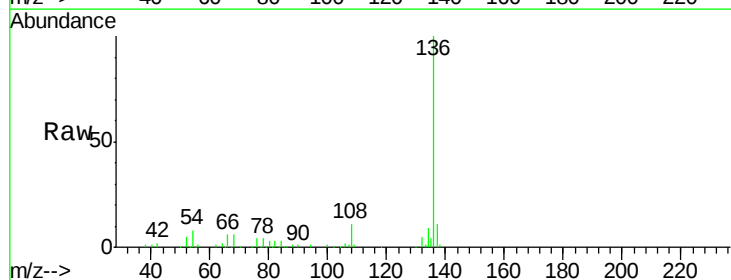
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.8 7.0 10.4

68 5.8 5.0 7.6

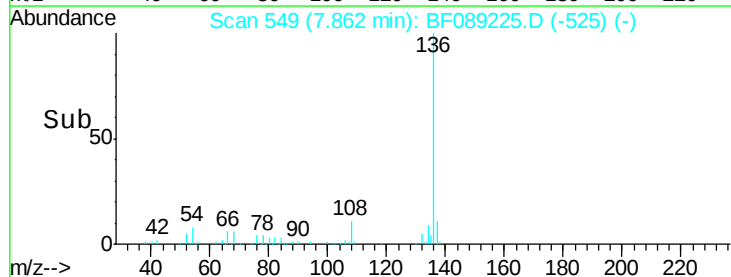
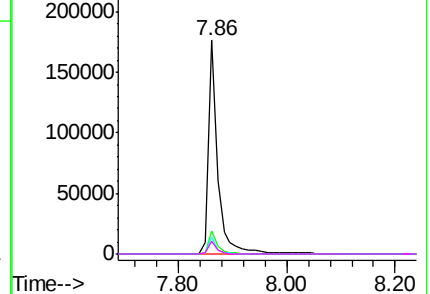


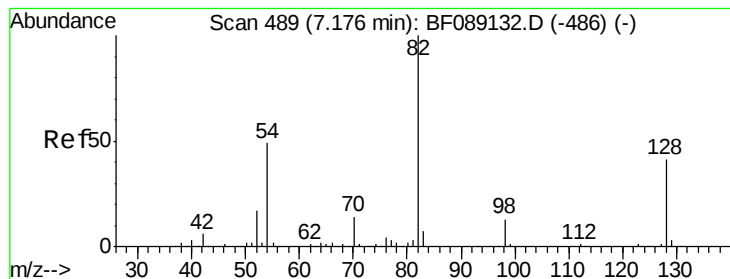
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.32 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089225.D

Acq: 23 Jul 2016 8:53

Instrument :

BNA_F

ClientSampleId :

TEC-MW1

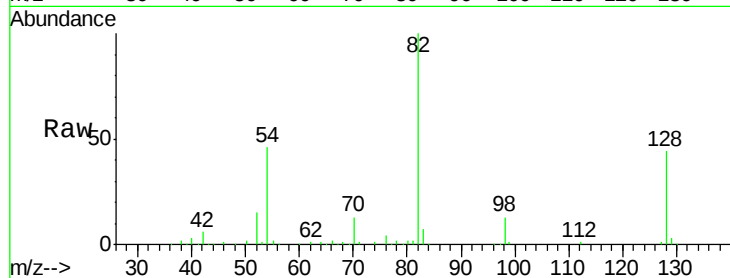
Tgt Ion: 82 Resp: 363421

Ion Ratio Lower Upper

82 100

128 44.2 33.0 49.6

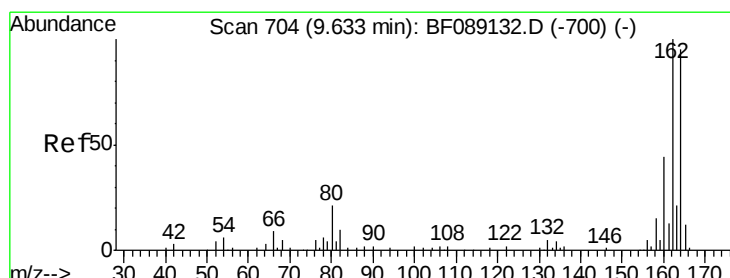
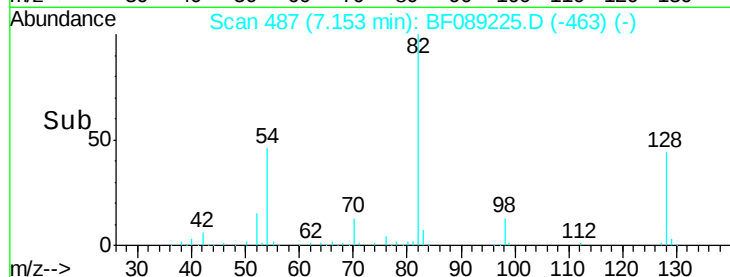
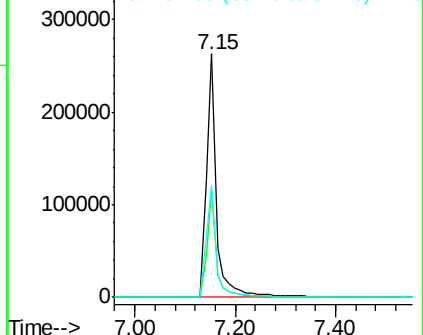
54 45.7 39.0 58.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089225.D

Acq: 23 Jul 2016 8:53

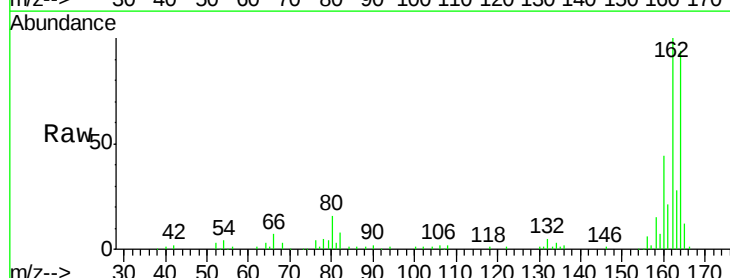
Tgt Ion: 164 Resp: 97731

Ion Ratio Lower Upper

164 100

162 106.6 84.1 126.1

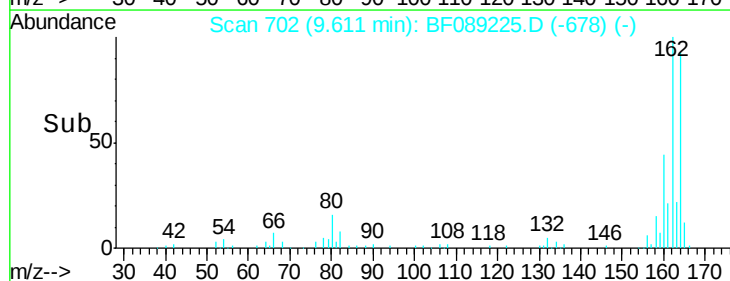
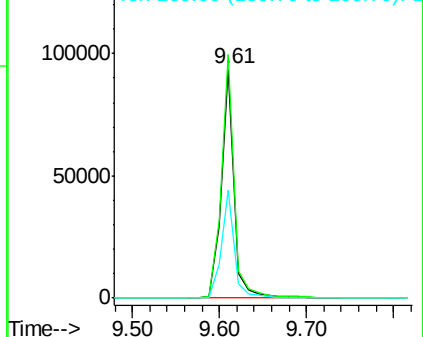
160 47.2 37.1 55.7

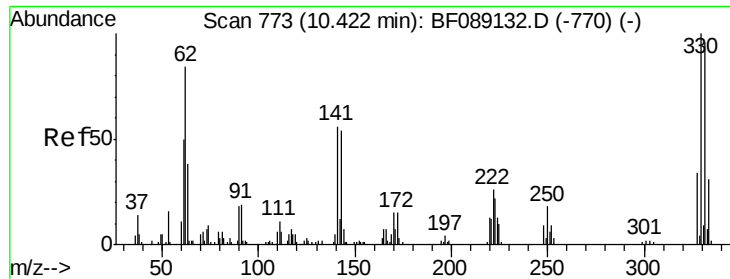


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

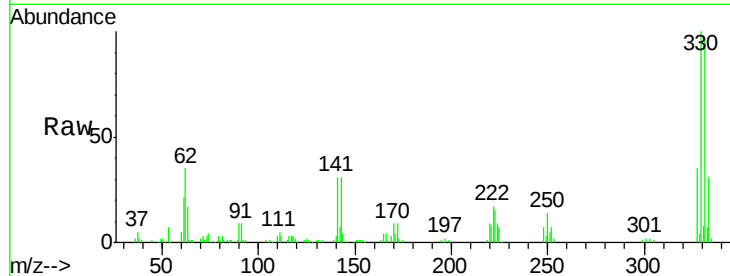




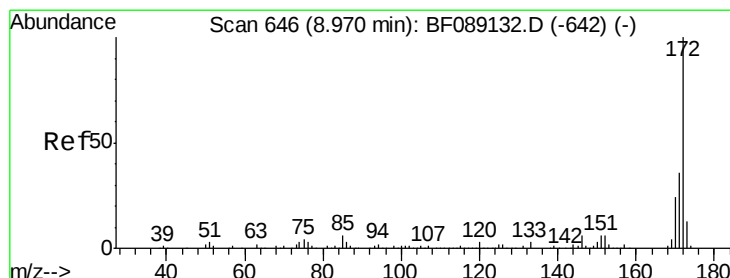
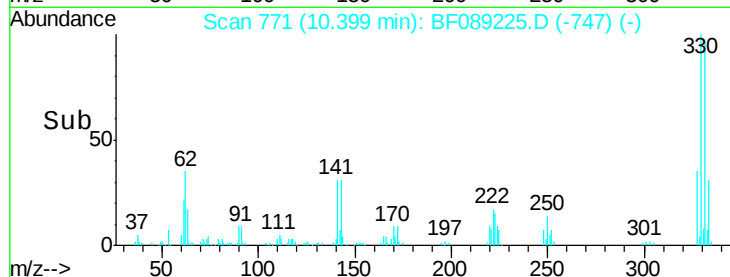
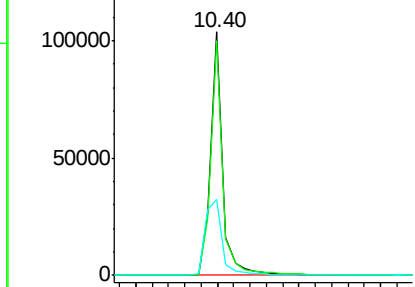
#41
 2,4,6-Tribromophenol
 Concen: 125.23 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089225.D
 Acq: 23 Jul 2016 8:53

Instrument :
 BNA_F
 ClientSampled :
 TEC-MW1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	44.4	42.2	63.2

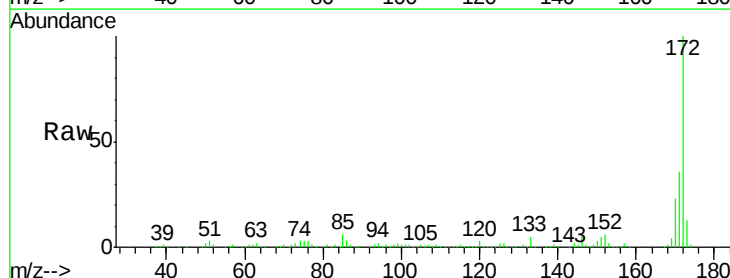


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

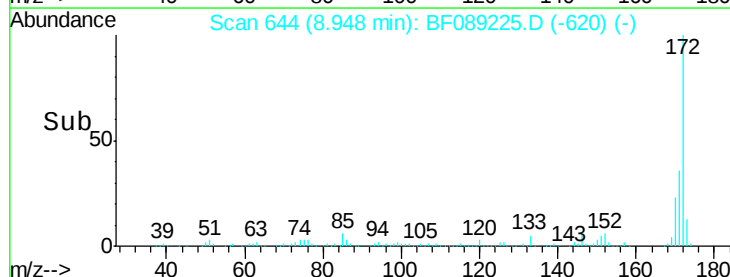
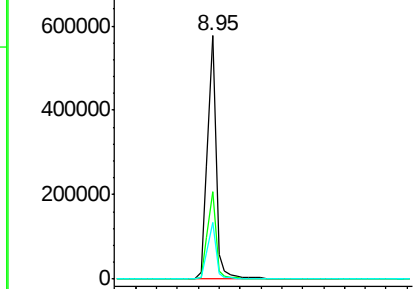


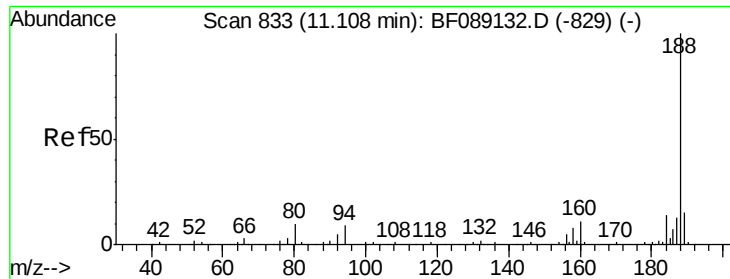
#44
 2-Fluorobiphenyl
 Concen: 95.69 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089225.D
 Acq: 23 Jul 2016 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.5	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

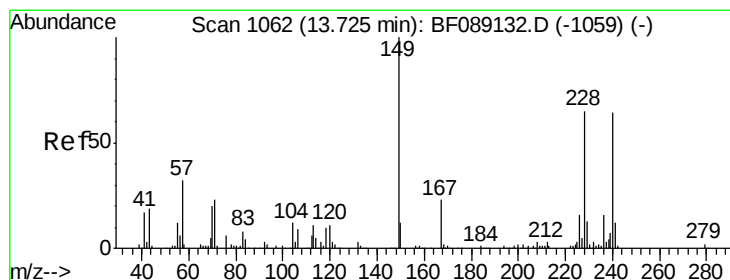
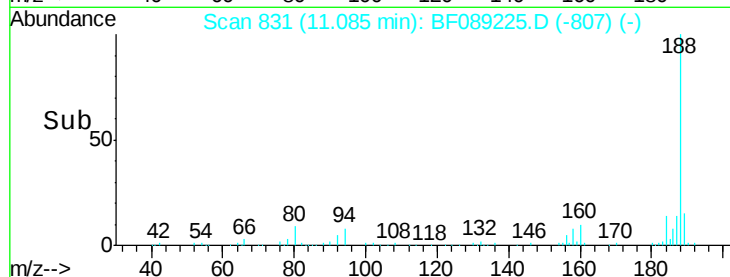
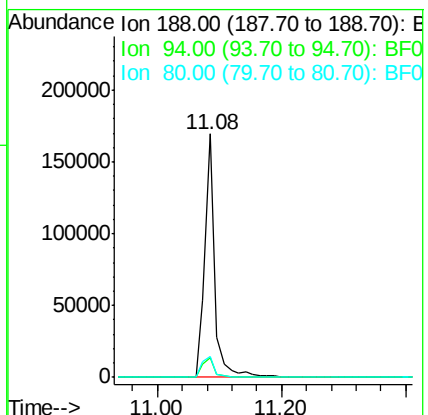
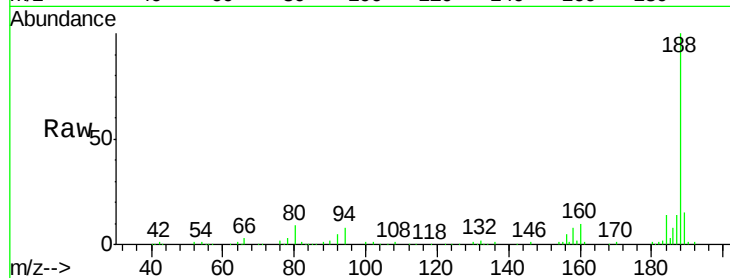




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089225.D
Acq: 23 Jul 2016 8:53

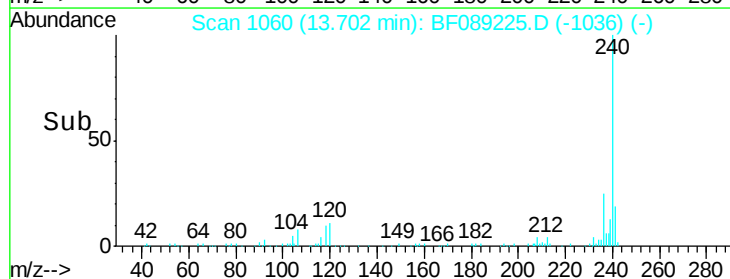
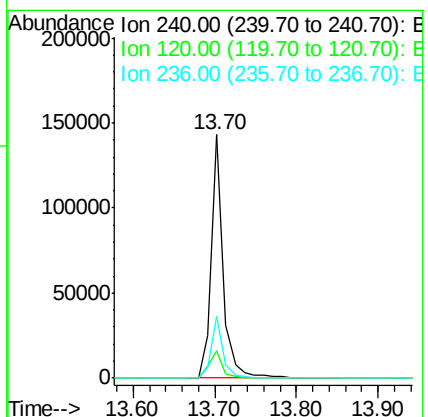
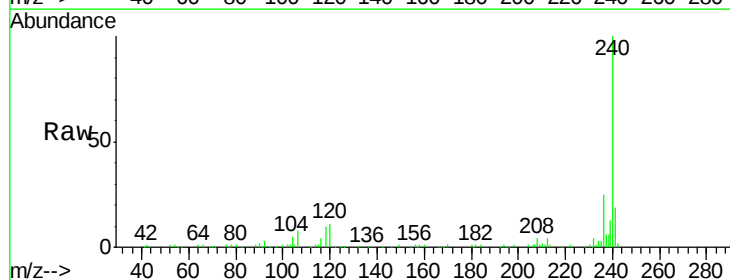
Instrument :
BNA_F
ClientSampleId :
TEC-MW1

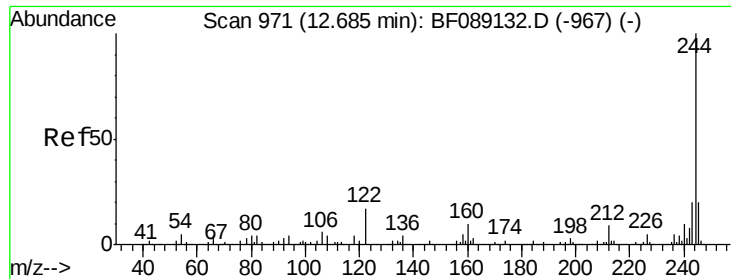
Tgt Ion:188 Resp: 192749
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 8.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089225.D
Acq: 23 Jul 2016 8:53

Tgt Ion:240 Resp: 148592
Ion Ratio Lower Upper
240 100
120 11.0 13.6 20.4#
236 25.3 20.5 30.7

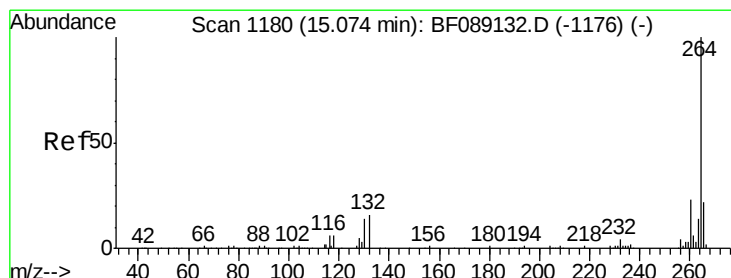
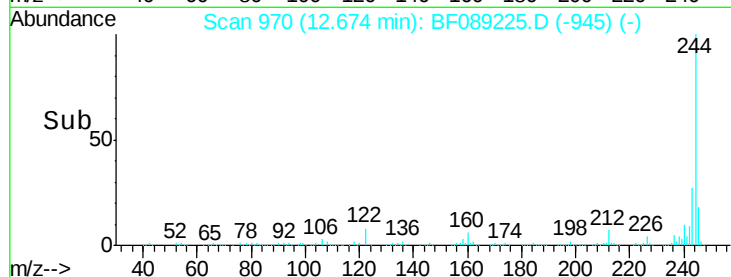
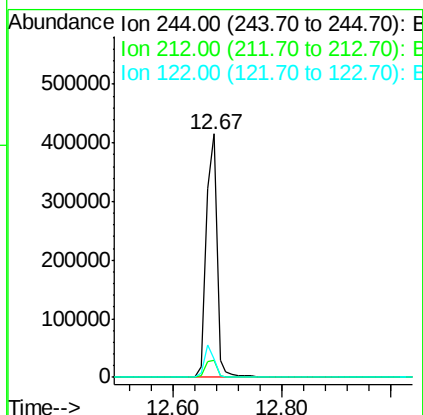
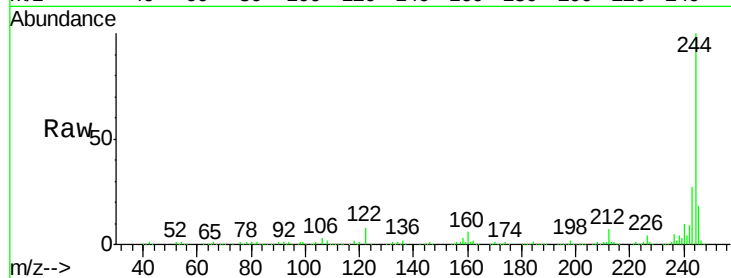




#78
 Terphenyl-d14
 Concen: 81.90 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089225.D
 Acq: 23 Jul 2016 8:53

Instrument :
 BNA_F
 ClientSampled :
 TEC-MW1

Tgt Ion:244 Resp: 561100
 Ion Ratio Lower Upper
 244 100
 212 7.2 7.0 10.4
 122 7.7 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BF089225.D
 Acq: 23 Jul 2016 8:53

Tgt Ion:264 Resp: 107232
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 20.8 17.3 25.9

