

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089433.D
 Acq On : 30 Jul 2016 3:11
 Operator : UM/SJ
 Sample : H4221-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-48-7.7-15.0

Quant Time: Jul 30 04:50:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 30 01:00:15 2016
 Response via : Initial Calibration

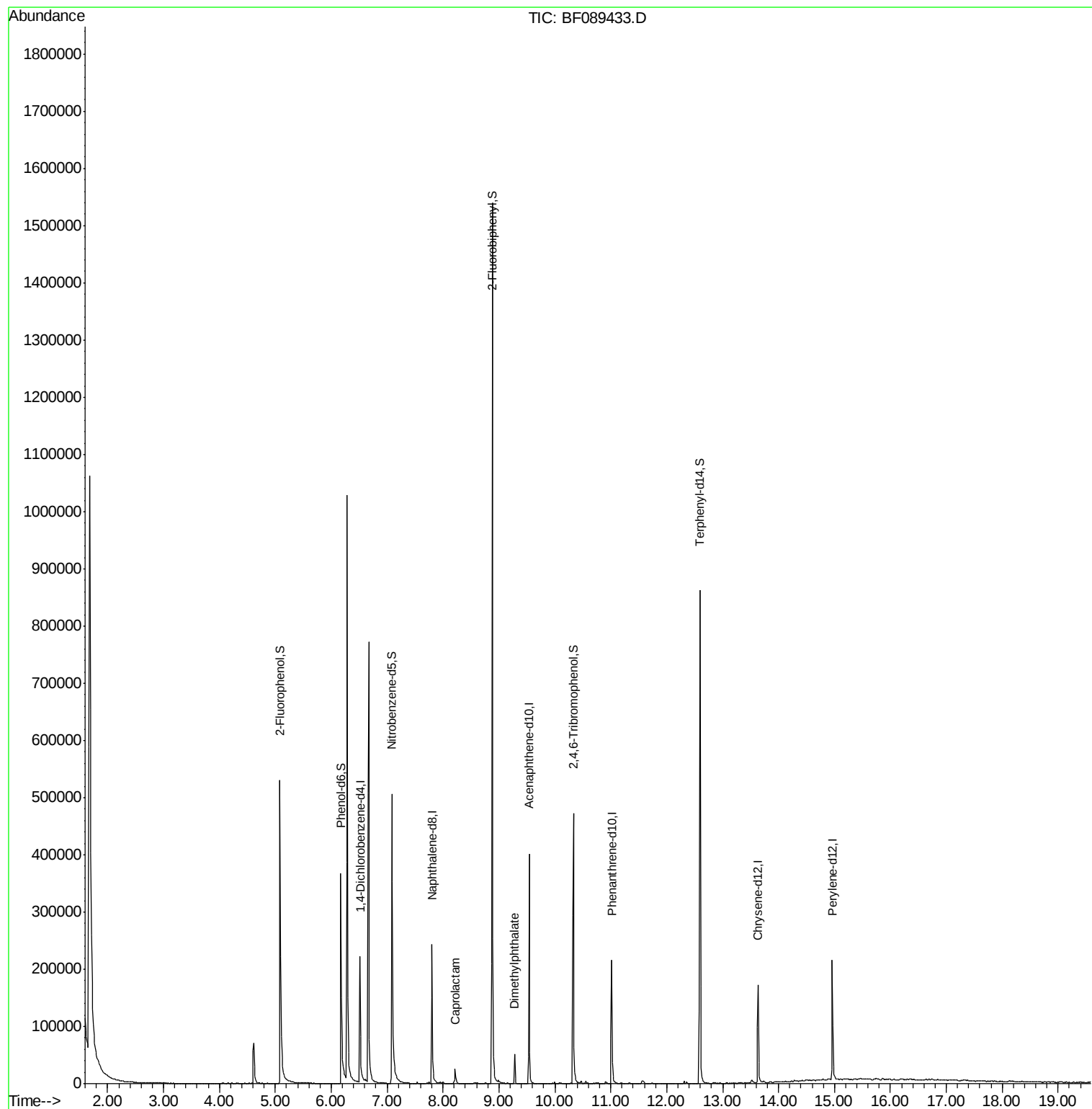
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	45844	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	175212	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	78324	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	108394	20.00	ng	0.00
75) Chrysene-d12	13.63	240	82201	20.00	ng	0.00
86) Perylene-d12	14.96	264	93593	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	211040	73.50	ng	0.00
7) Phenol-d6	6.17	99	198769	52.39	ng	-0.01
23) Nitrobenzene-d5	7.08	82	281479	94.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	67853	104.60	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	491148	92.03	ng	0.00
78) Terphenyl-d14	12.59	244	271080	77.18	ng	-0.01
Target Compounds						
35) Caprolactam	8.22	113	3954	5.97	ng	88
49) Dimethylphthalate	9.28	163	23229	3.90	ng	97

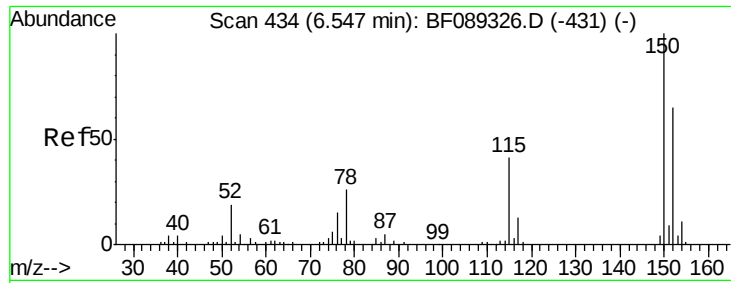
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF089433.D

Acq: 30 Jul 2016 3:11

Instrument :

BNA_F

ClientSampleId :

GW-48-7.7-15.0

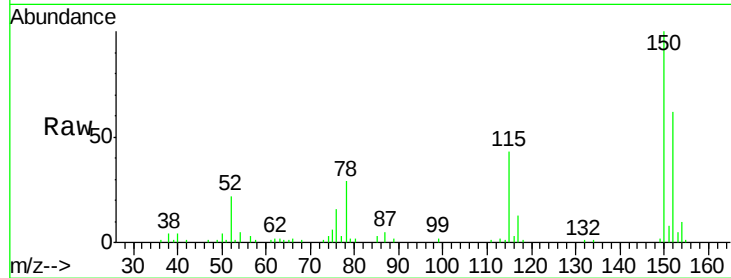
Tgt Ion:152 Resp: 45844

Ion Ratio Lower Upper

152 100

150 162.4 129.5 194.3

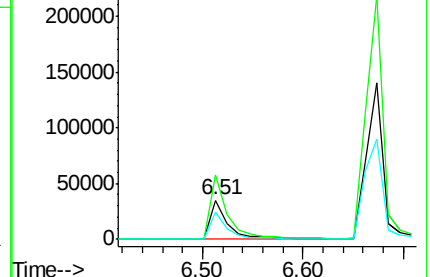
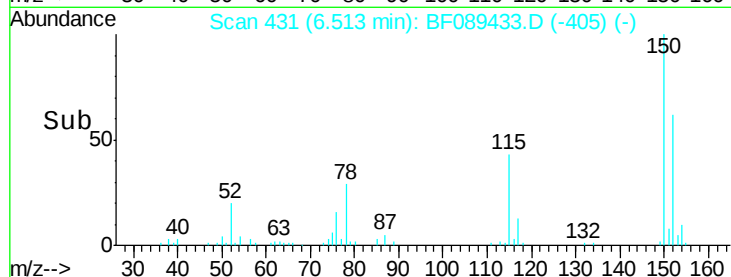
115 69.4 51.4 77.2



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: 73.50 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.00 min

Lab File: BF089433.D

Acq: 30 Jul 2016 3:11

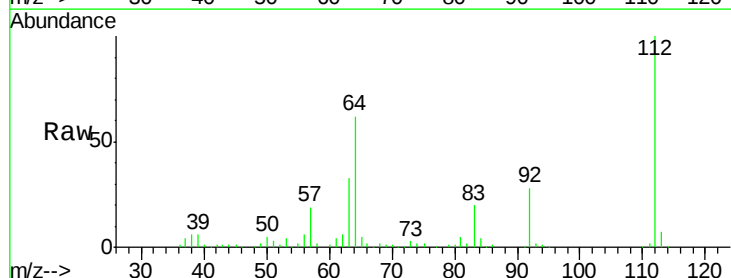
Tgt Ion:112 Resp: 211040

Ion Ratio Lower Upper

112 100

64 61.8 55.0 82.6

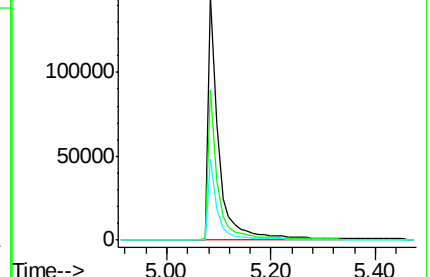
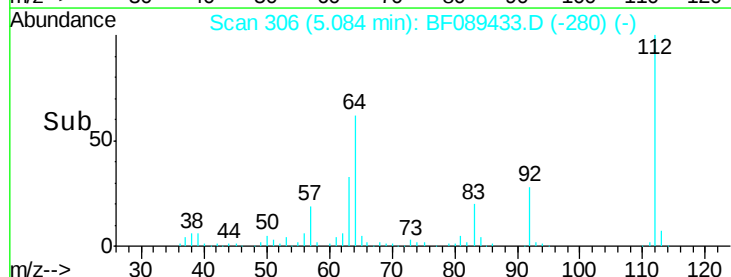
63 33.2 29.4 44.2



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: 52.39 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089433.D

Acq: 30 Jul 2016 3:11

Instrument :

BNA_F

ClientSampleId :

GW-48-7.7-15.0

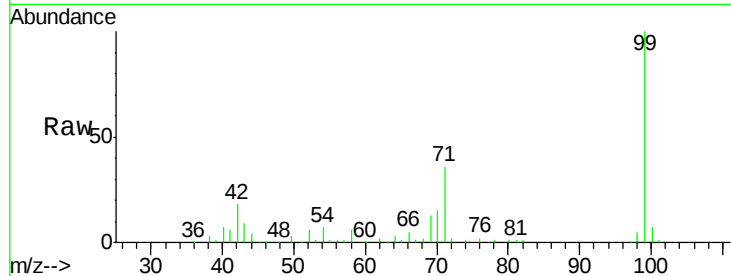
Tgt Ion: 99 Resp: 198769

Ion Ratio Lower Upper

99 100

42 17.9 13.6 20.4

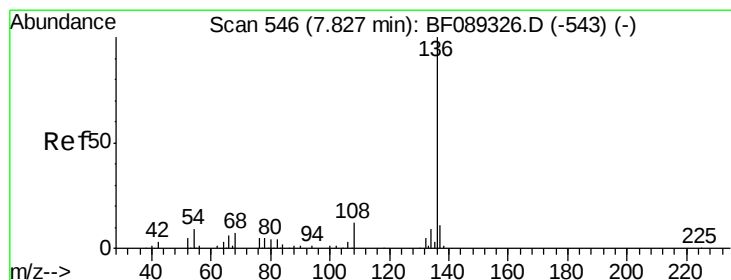
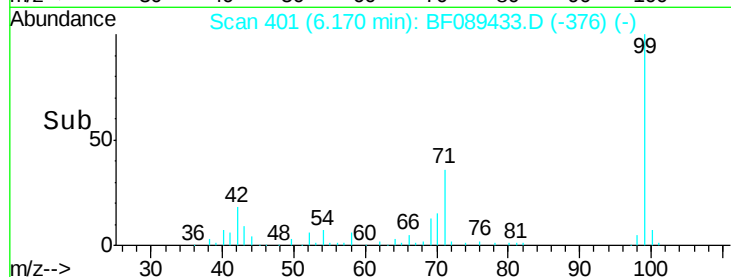
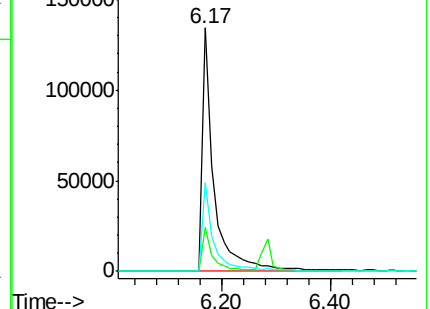
71 36.4 29.4 44.2



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: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF089433.D

Acq: 30 Jul 2016 3:11

Tgt Ion: 136 Resp: 175212

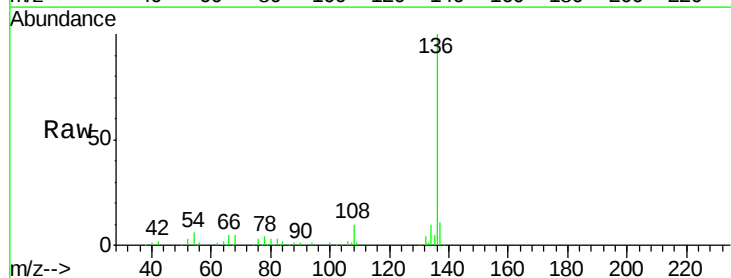
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.7 7.0 10.4#

68 4.7 4.9 7.3#

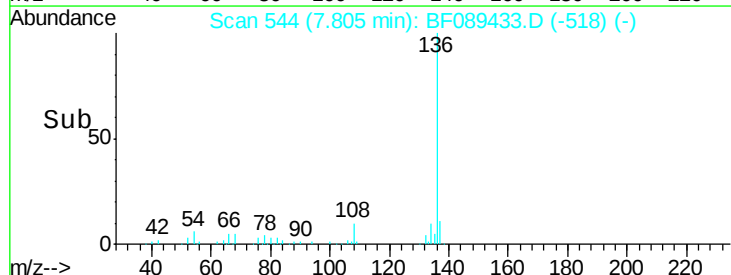
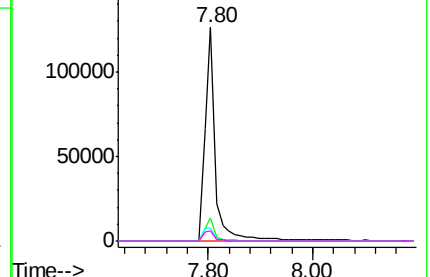


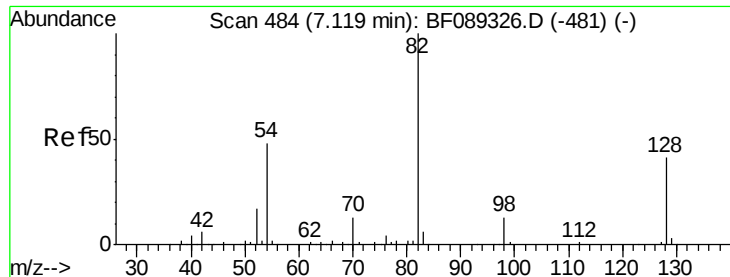
Abundance Ion 136.00 (135.70 to 136.70): E

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

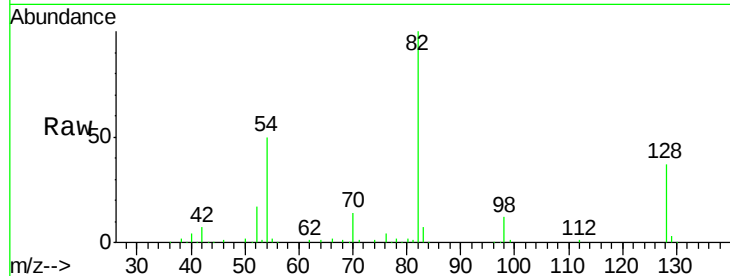




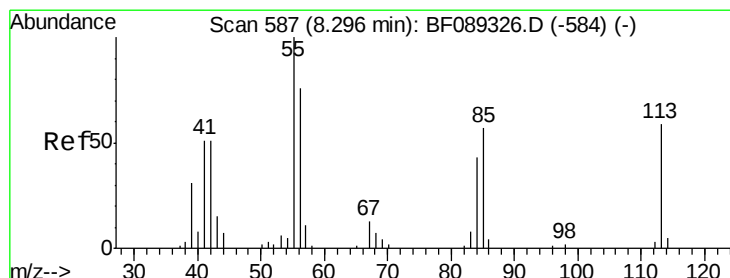
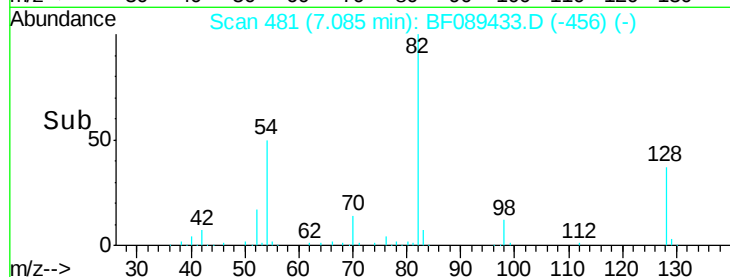
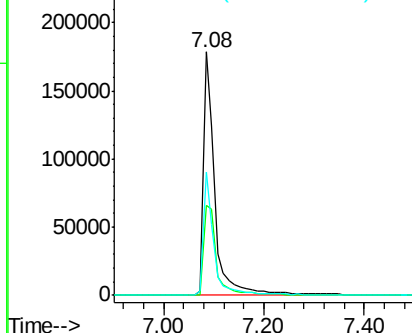
#23
 Nitrobenzene-d5
 Concen: 94.83 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF089433.D
 Acq: 30 Jul 2016 3:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-48-7.7-15.0

Tgt Ion: 82 Resp: 281479
 Ion Ratio Lower Upper
 82 100
 128 36.9 32.5 48.7
 54 50.4 38.8 58.2

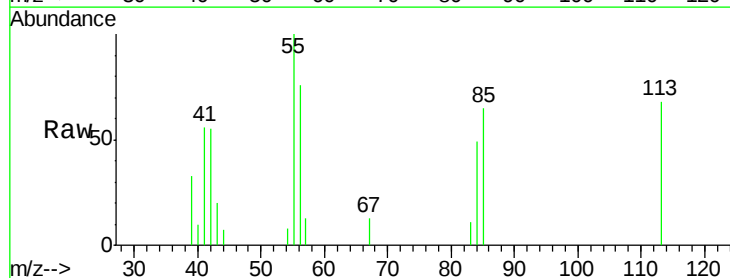


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

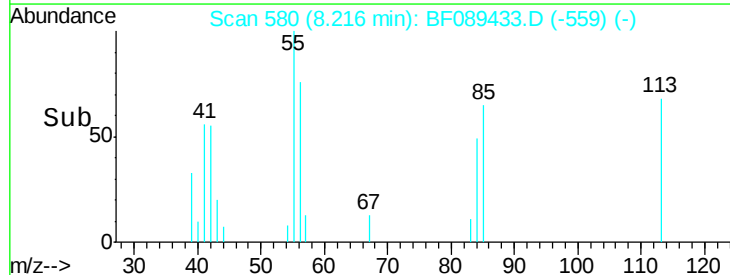
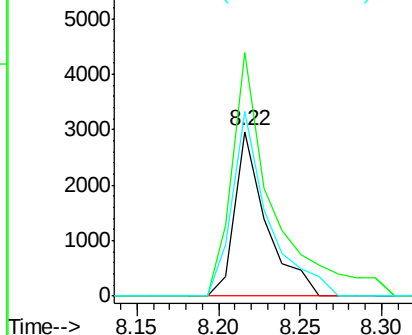


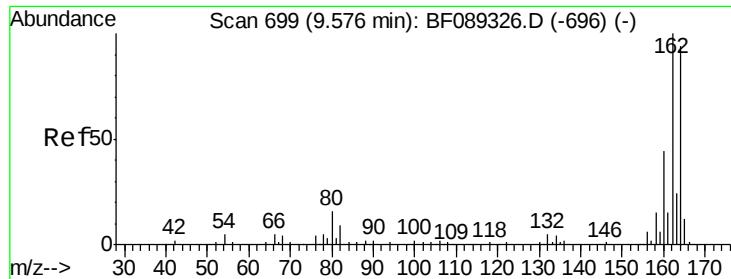
#35
 Caprolactam
 Concen: 5.97 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.06 min
 Lab File: BF089433.D
 Acq: 30 Jul 2016 3:11

Tgt Ion: 113 Resp: 3954
 Ion Ratio Lower Upper
 113 100
 55 147.8 142.3 182.3
 56 111.8 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): BF0
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

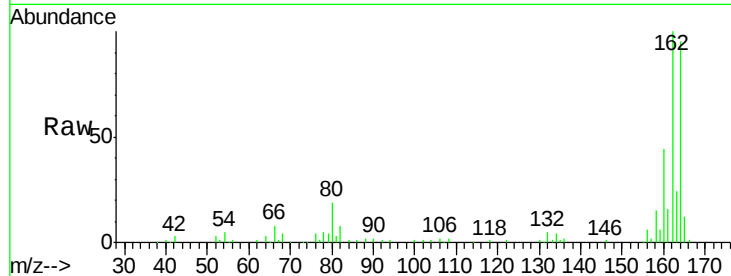




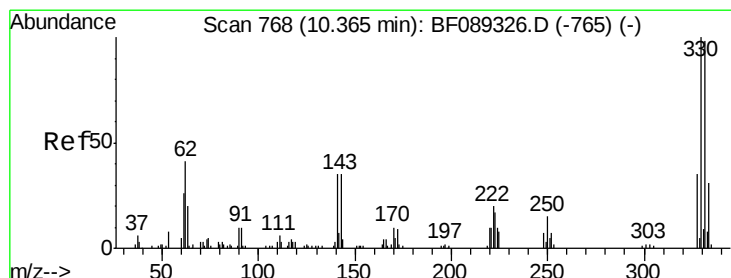
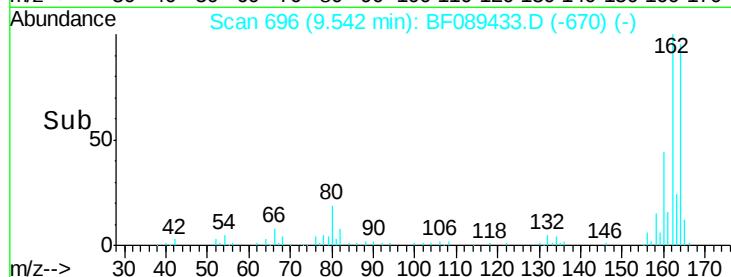
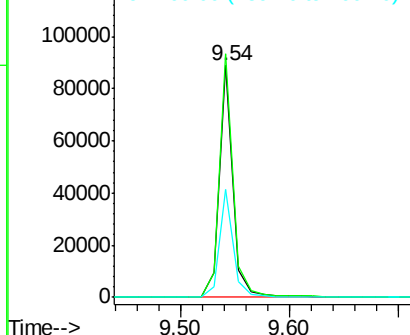
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF089433.D
 Acq: 30 Jul 2016 3:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-48-7.7-15.0

Tgt Ion:164 Resp: 78324
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.7 125.5
 160 46.3 37.8 56.6

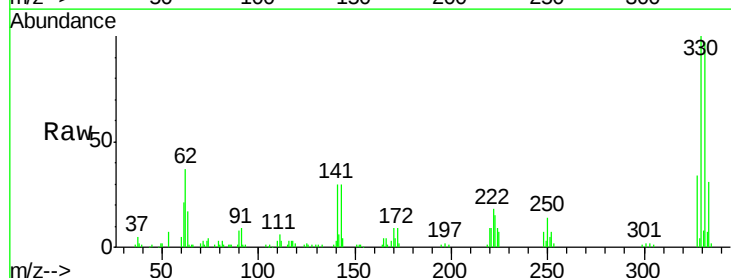


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

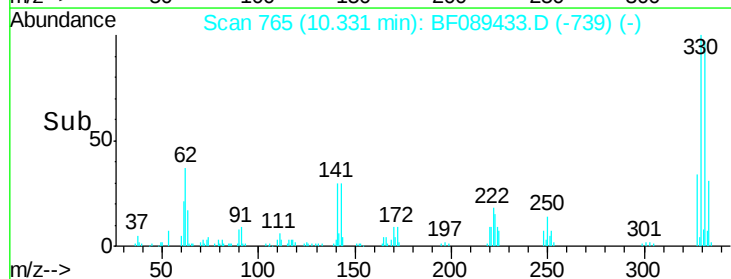
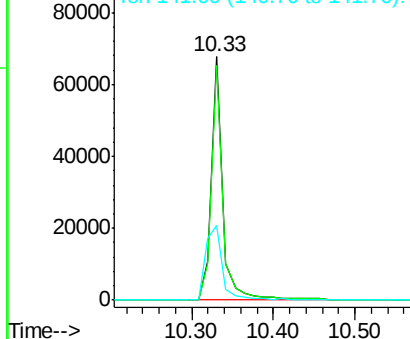


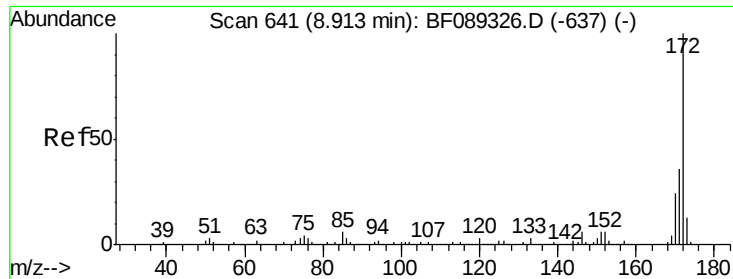
#41
 2,4,6-Tribromophenol
 Concen: 104.60 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089433.D
 Acq: 30 Jul 2016 3:11

Tgt Ion:330 Resp: 67853
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 44.7 37.3 55.9



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

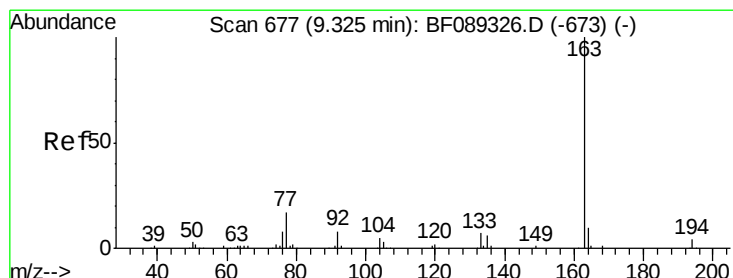
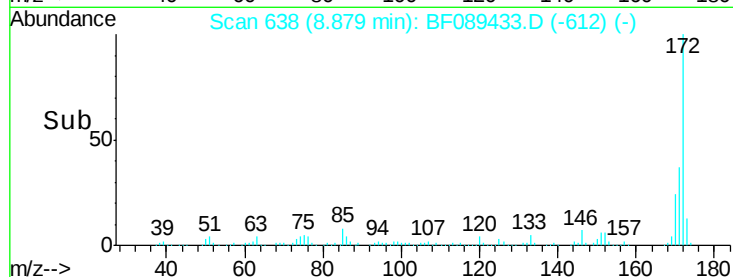
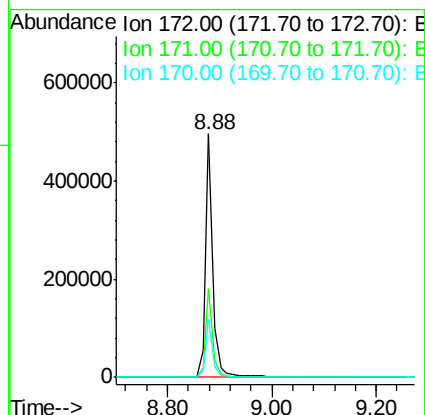
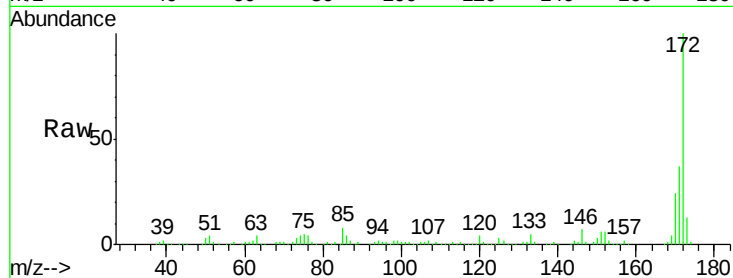




#44
 2-Fluorobiphenyl
 Concen: 92.03 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089433.D
 Acq: 30 Jul 2016 3:11

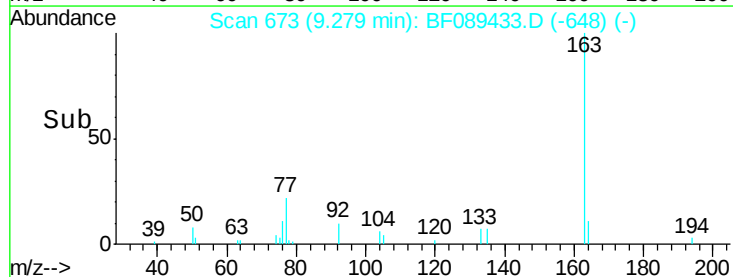
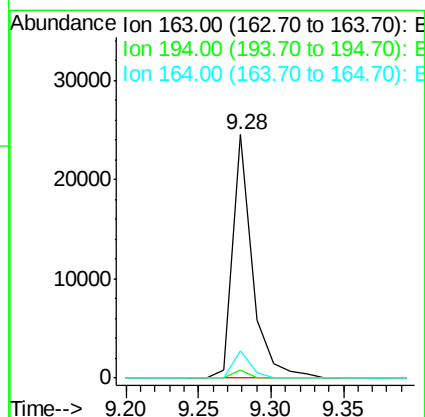
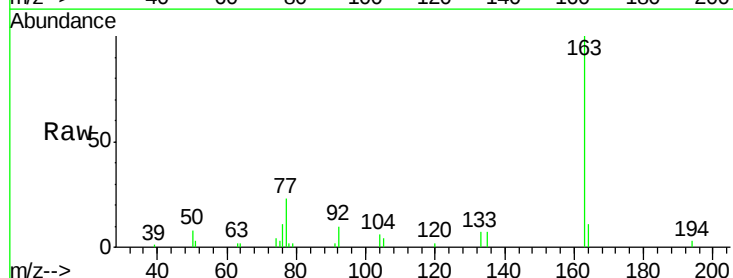
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 GW-48-7.7-15.0

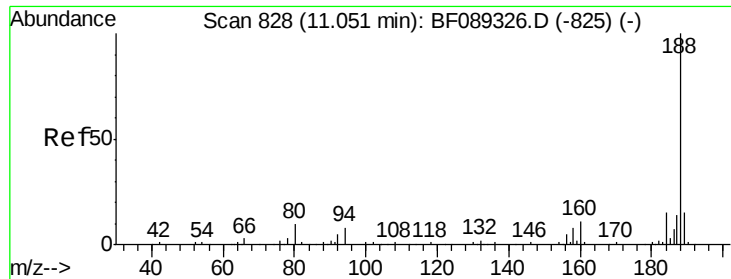
Tgt Ion:172 Resp: 491148
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 23.7 19.2 28.8



#49
 Dimethylphthalate
 Concen: 3.90 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF089433.D
 Acq: 30 Jul 2016 3:11

Tgt Ion:163 Resp: 23229
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 11.2 7.8 11.8

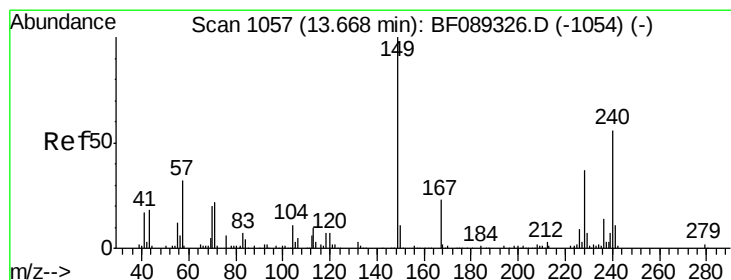
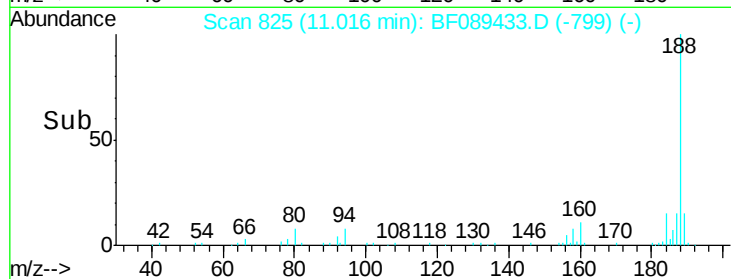
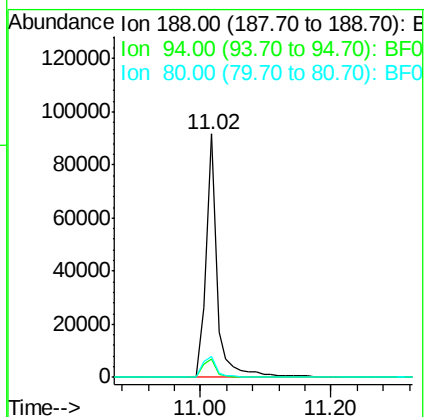
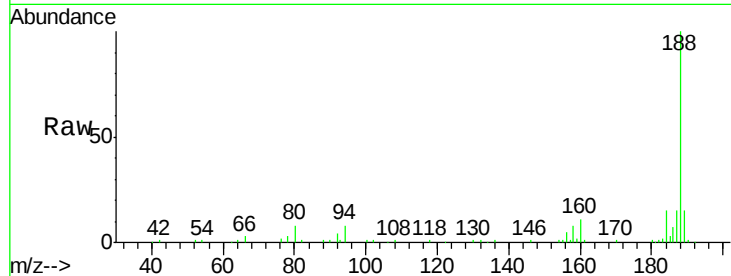




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF089433.D
Acq: 30 Jul 2016 3:11

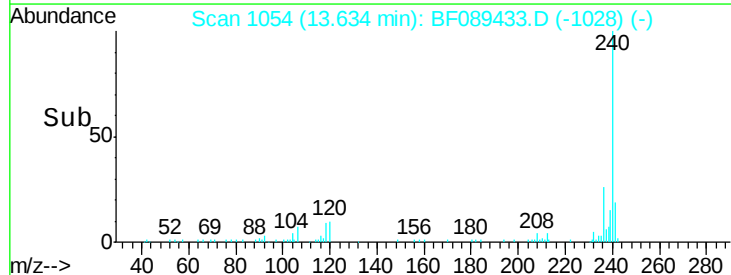
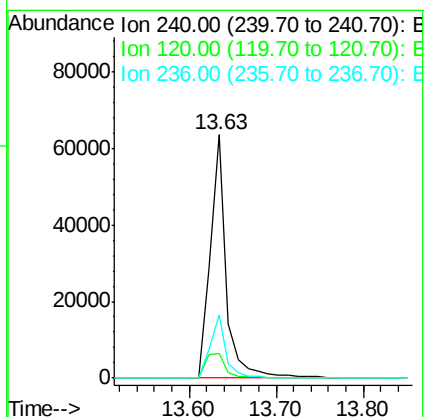
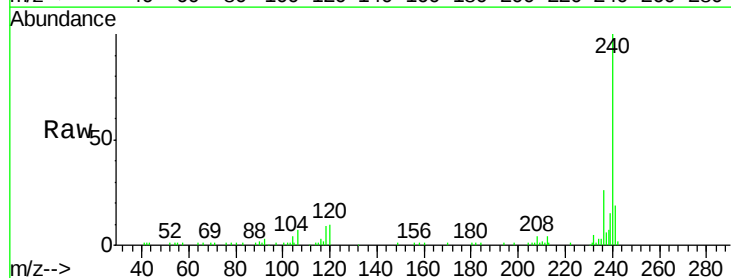
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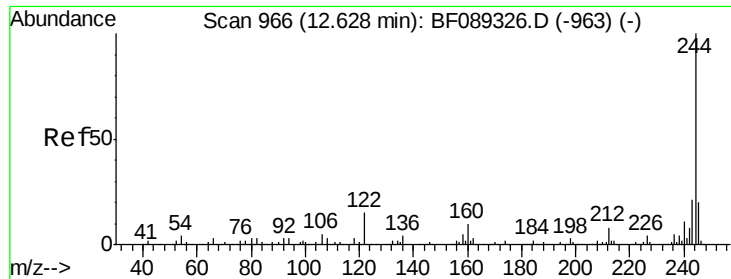
Tgt Ion:188 Resp: 108394
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.4 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF089433.D
Acq: 30 Jul 2016 3:11

Tgt Ion:240 Resp: 82201
Ion Ratio Lower Upper
240 100
120 10.2 9.1 13.7
236 25.9 20.6 30.8

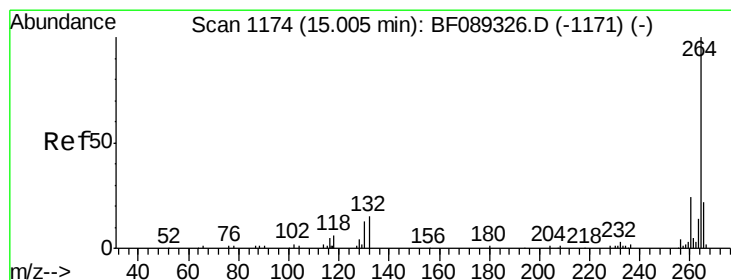
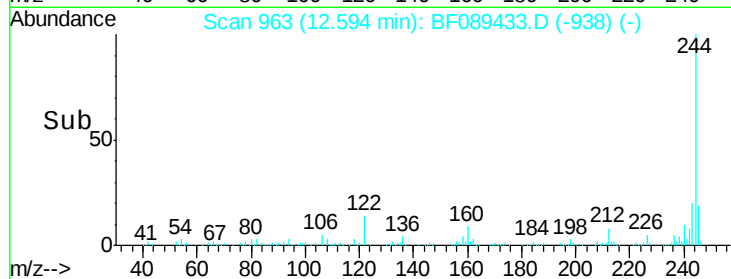
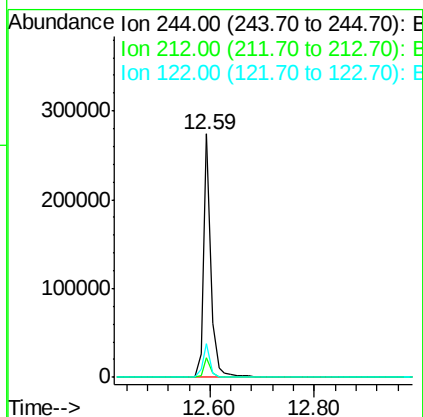
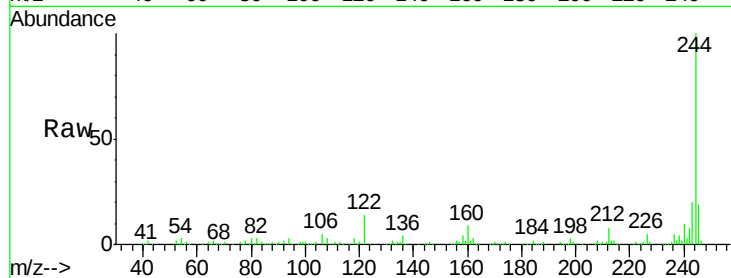




#78
 Terphenyl-d14
 Concen: 77.18 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF089433.D
 Acq: 30 Jul 2016 3:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-48-7.7-15.0

Tgt Ion:244 Resp: 271080
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 13.9 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF089433.D
 Acq: 30 Jul 2016 3:11

Tgt Ion:264 Resp: 93593
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.8 17.5 26.3

