

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092616\
 Data File : BF090234.D
 Acq On : 26 Sep 2016 21:06
 Operator : UM/SJ
 Sample : H4946-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05I-092216

Quant Time: Sep 27 01:21:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

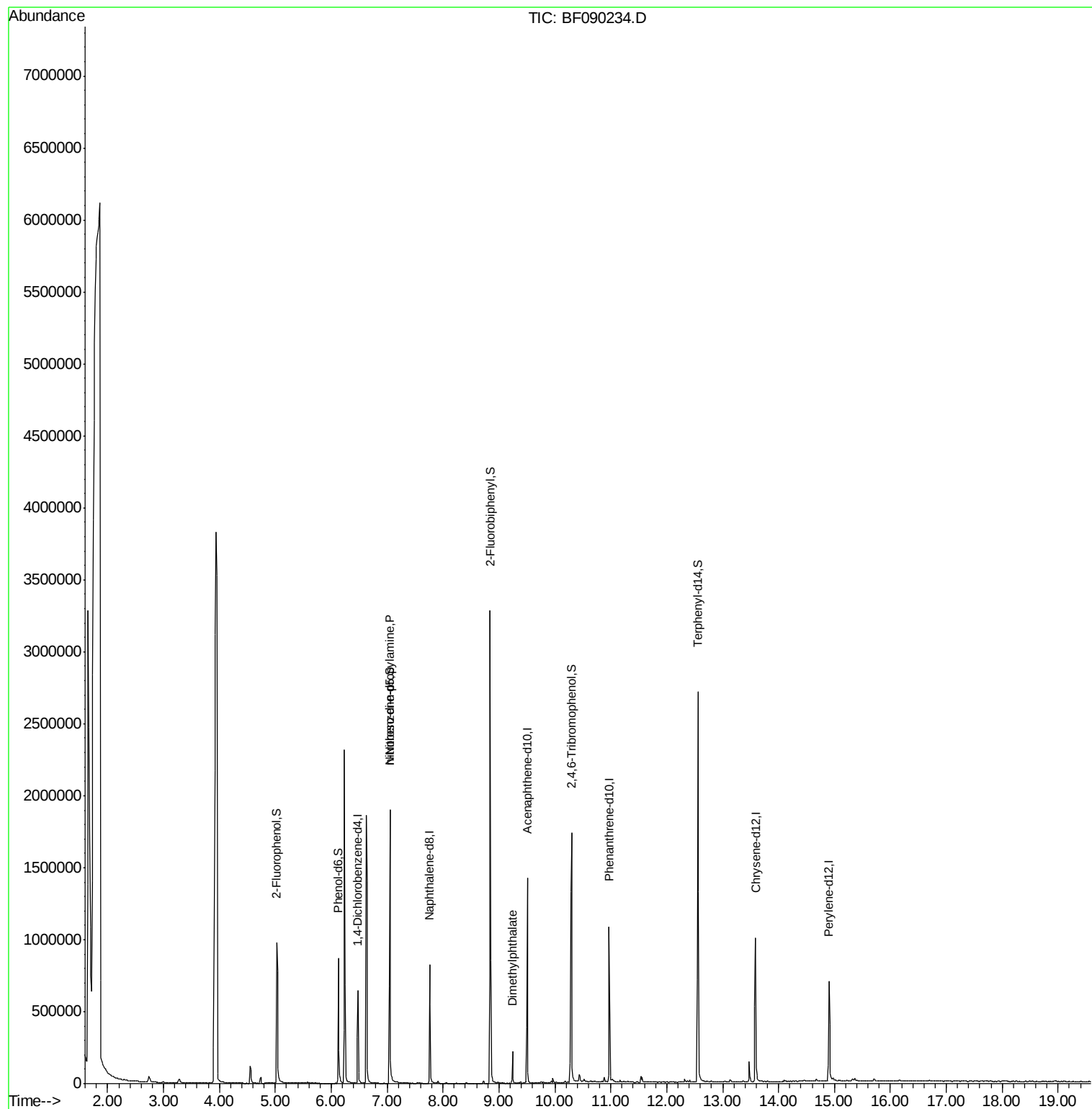
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	135918	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	537835	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	323280	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	482259	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	440008	20.00	ng	-0.01
86) Perylene-d12	14.90	264	329257	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	460076	55.17	ng	0.00
7) Phenol-d6	6.12	99	372015	36.13	ng	-0.01
23) Nitrobenzene-d5	7.05	82	764370	82.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	334168	120.49	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1217535	73.94	ng	-0.01
78) Terphenyl-d14	12.56	244	1150103	66.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	88491	14.63	ng	Qvalue # 80
49) Dimethylphthalate	9.24	163	96893	4.71	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090234.D

Acq: 26 Sep 2016 21:06

Instrument :

BNA_F

ClientSampleId :

MW-05I-092216

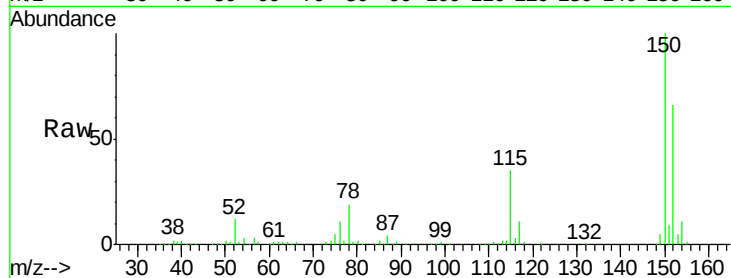
Tgt Ion:152 Resp: 135918

Ion Ratio Lower Upper

152 100

150 152.7 128.9 193.3

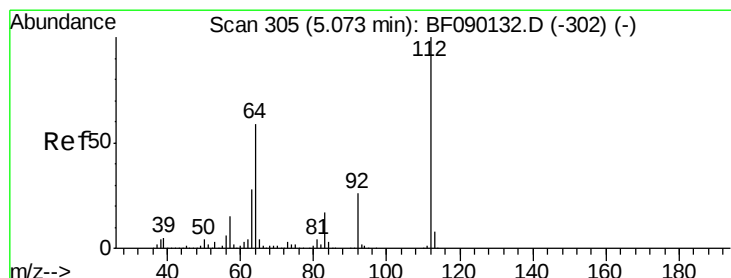
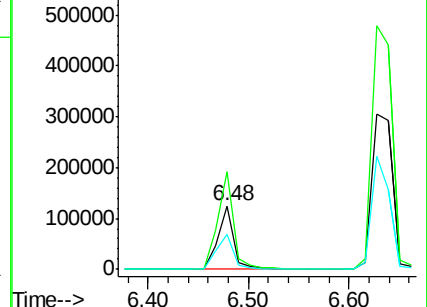
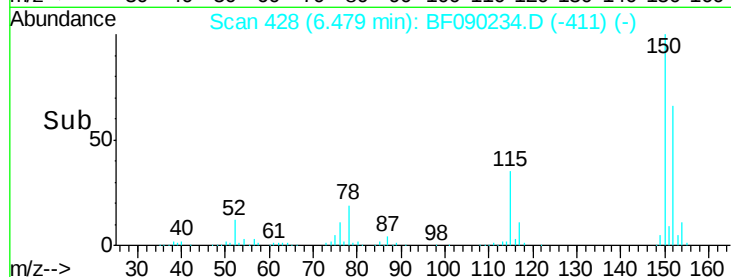
115 54.1 55.5 83.3#



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: 55.17 ng

RT: 5.03 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF090234.D

Acq: 26 Sep 2016 21:06

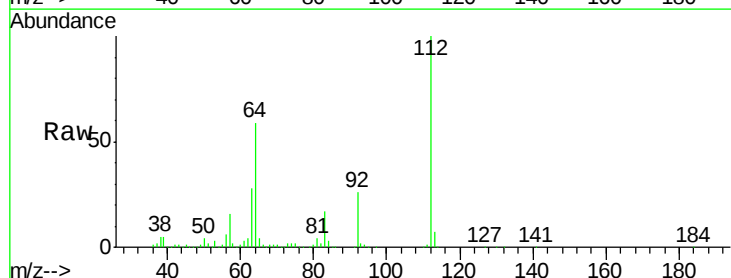
Tgt Ion:112 Resp: 460076

Ion Ratio Lower Upper

112 100

64 59.1 39.8 59.6

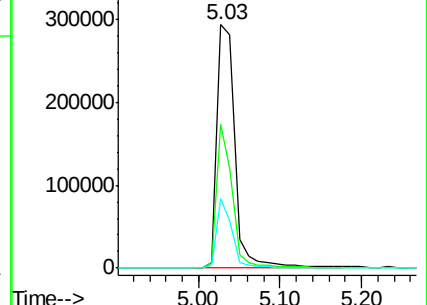
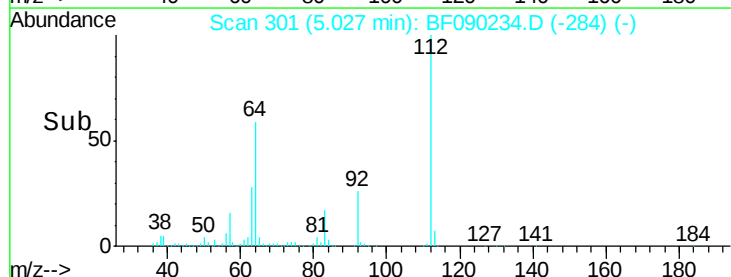
63 28.3 18.9 28.3



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: 36.13 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090234.D

Acq: 26 Sep 2016 21:06

Instrument :

BNA_F

ClientSampleId :

MW-05I-092216

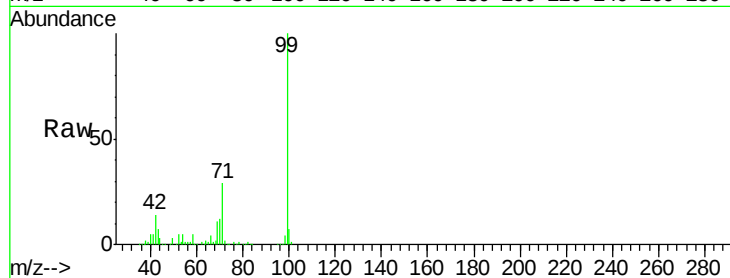
Tgt Ion: 99 Resp: 372015

Ion Ratio Lower Upper

99 100

42 13.5 10.6 15.8

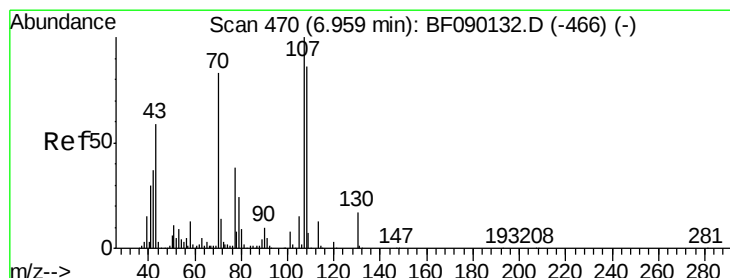
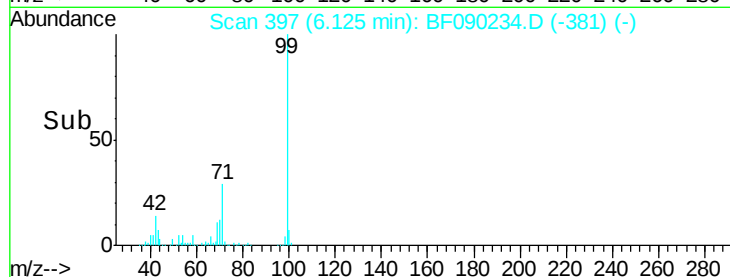
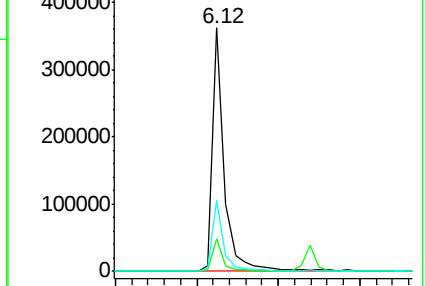
71 28.9 23.0 34.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.63 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090234.D

Acq: 26 Sep 2016 21:06

Tgt Ion: 70 Resp: 88491

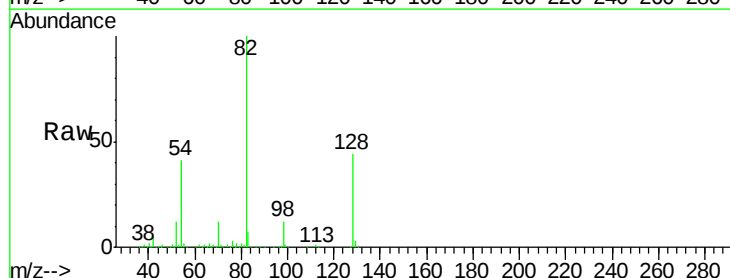
Ion Ratio Lower Upper

70 100

42 37.4 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

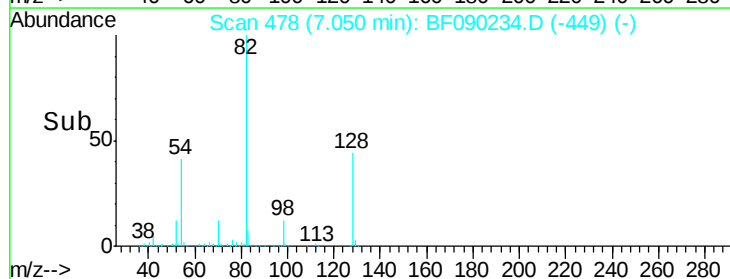
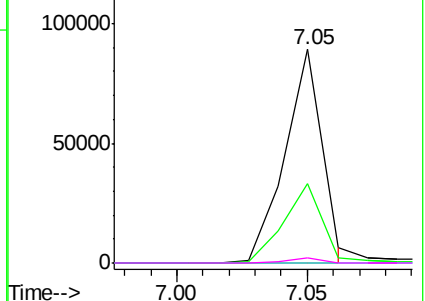


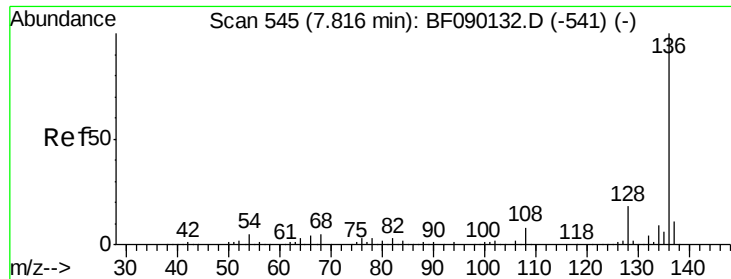
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

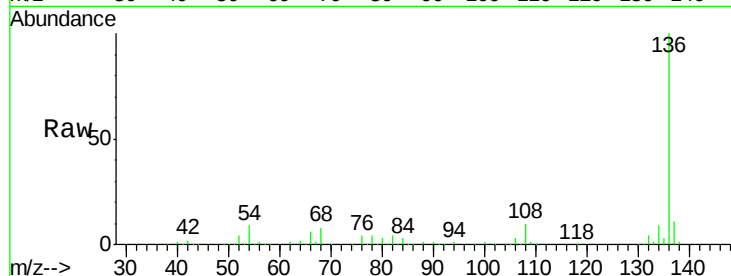




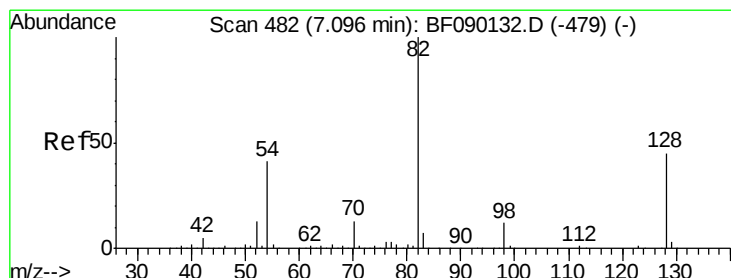
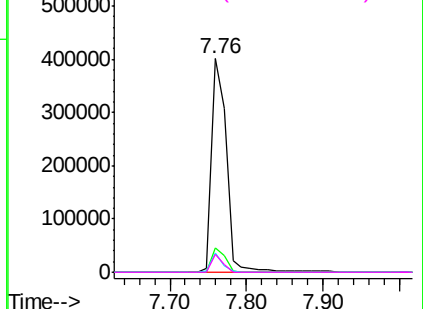
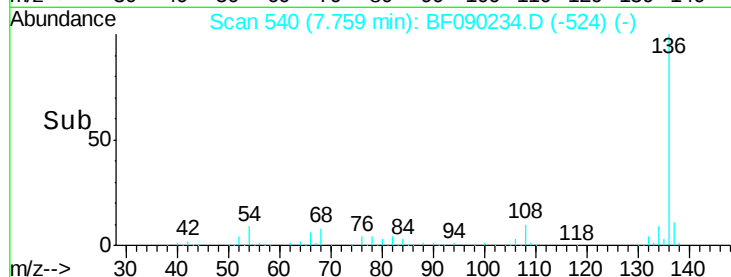
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090234.D
Acq: 26 Sep 2016 21:06

Instrument :
BNA_F
ClientSampleId :
MW-05I-092216

Tgt Ion:	136	Resp:	537835
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.8	6.4	9.6
68	8.1	6.3	9.5

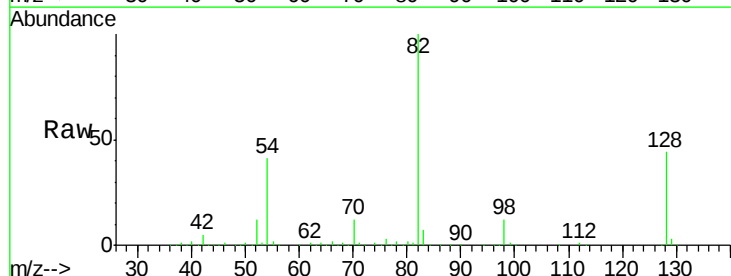


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

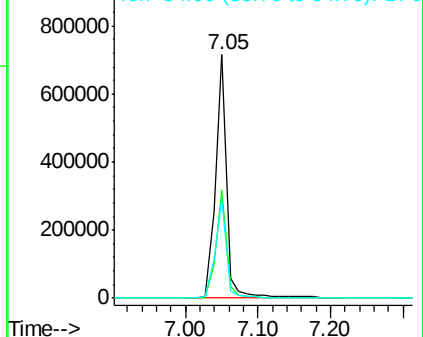
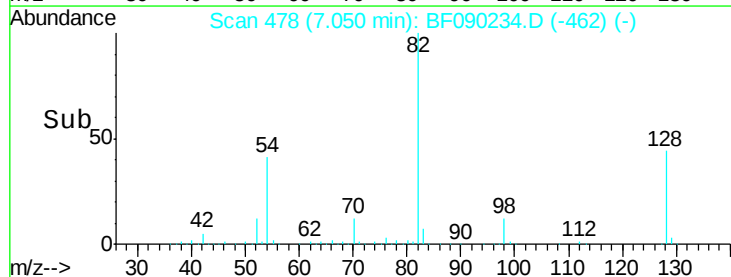


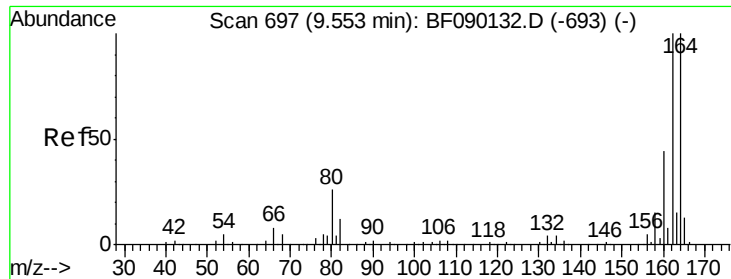
#23
Nitrobenzene-d5
Concen: 82.38 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090234.D
Acq: 26 Sep 2016 21:06

Tgt Ion:	82	Resp:	764370
Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.5	56.3
54	40.8	31.9	47.9



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: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF090234.D

Acq: 26 Sep 2016 21:06

Instrument :

BNA_F

ClientSampleId :

MW-05I-092216

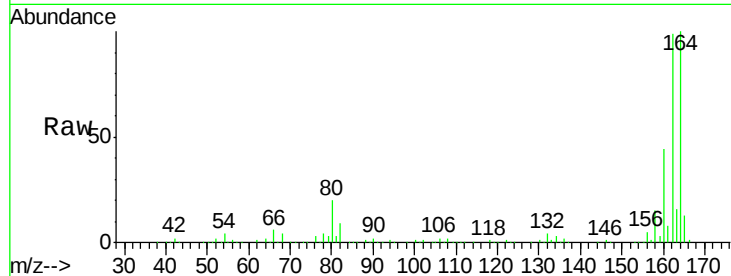
Tgt Ion:164 Resp: 323280

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.2

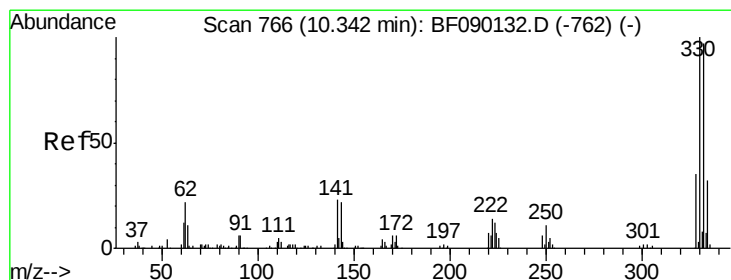
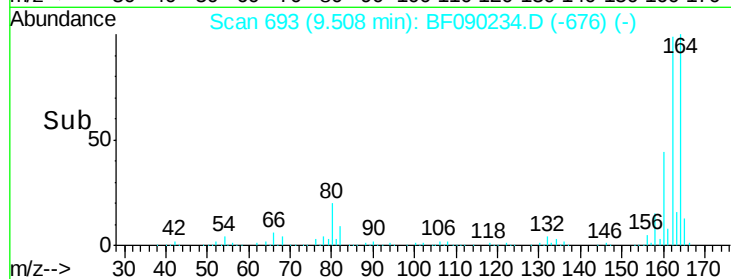
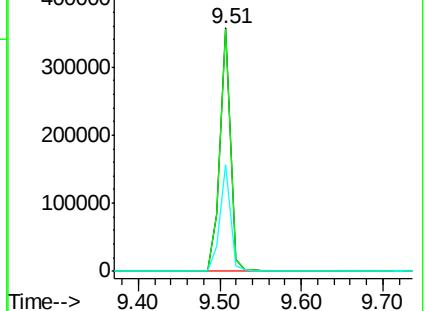
160 43.8 36.6 54.8



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: 120.49 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF090234.D

Acq: 26 Sep 2016 21:06

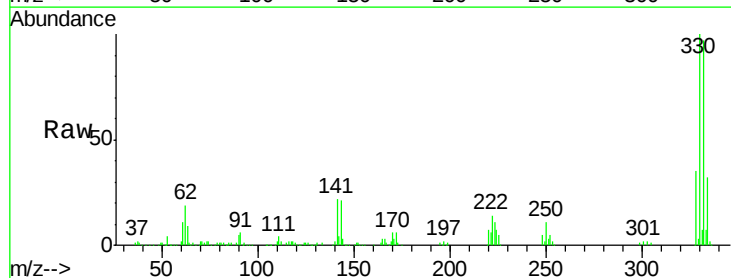
Tgt Ion:330 Resp: 334168

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

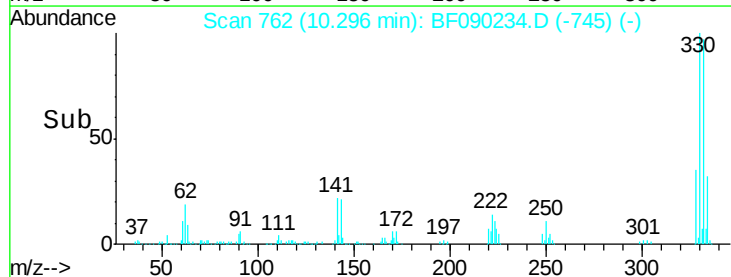
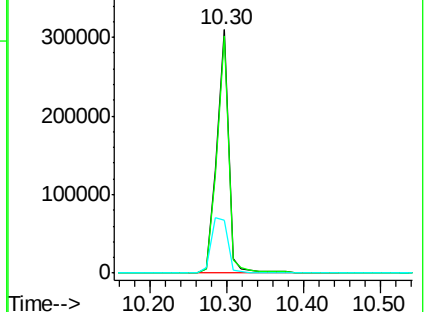
141 32.0 23.9 35.9

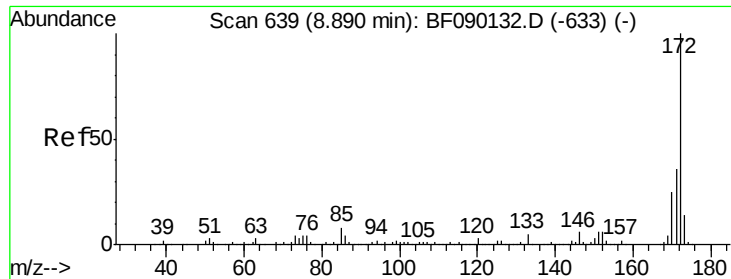


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

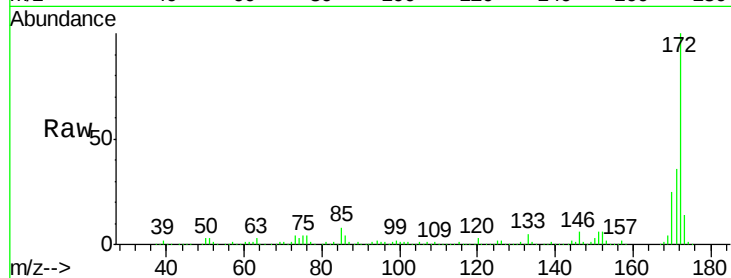




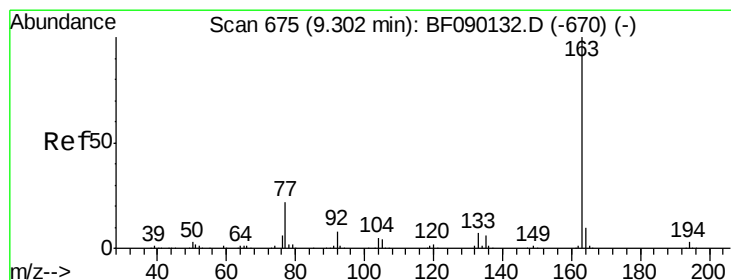
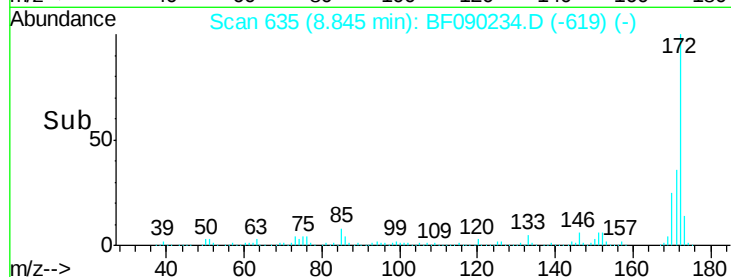
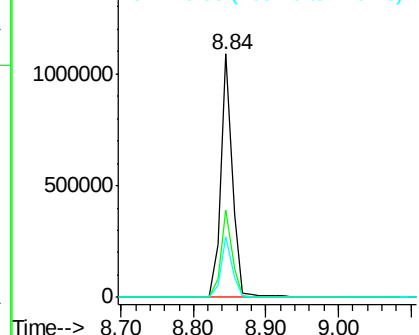
#44
 2-Fluorobiphenyl
 Concen: 73.94 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090234.D
 Acq: 26 Sep 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-05I-092216

Tgt Ion:172 Resp: 1217535
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 24.9 19.8 29.8

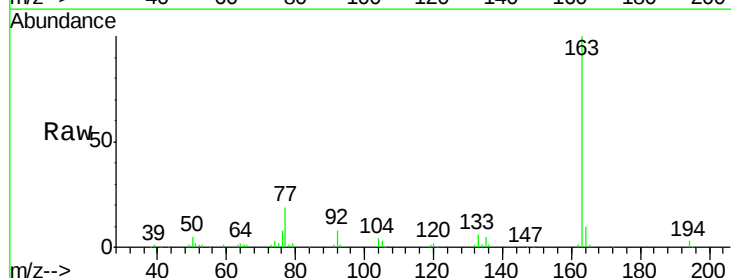


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

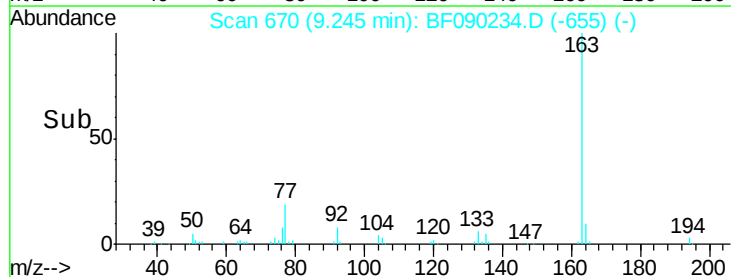
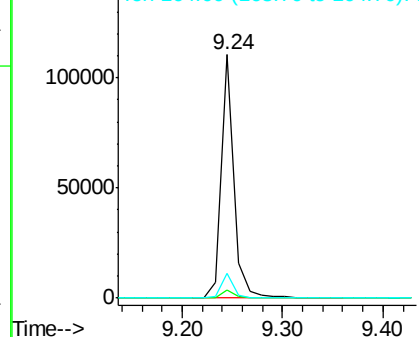


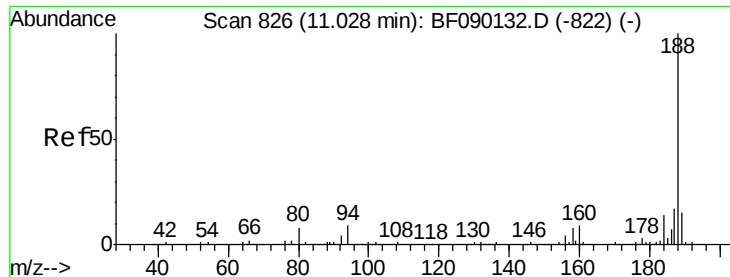
#49
 Dimethylphthalate
 Concen: 4.71 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF090234.D
 Acq: 26 Sep 2016 21:06

Tgt Ion:163 Resp: 96893
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 10.1 8.1 12.1



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

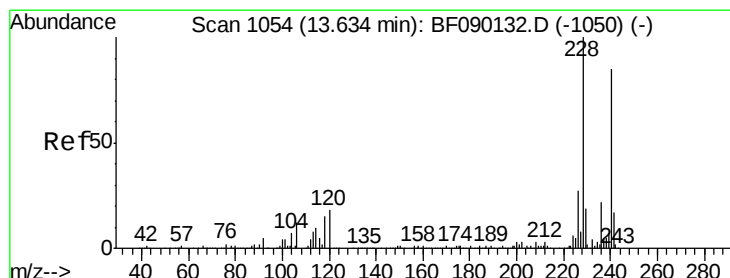
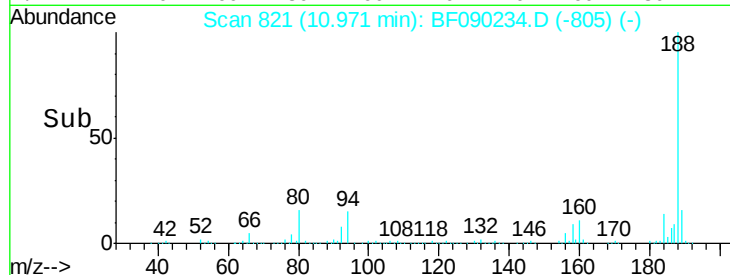
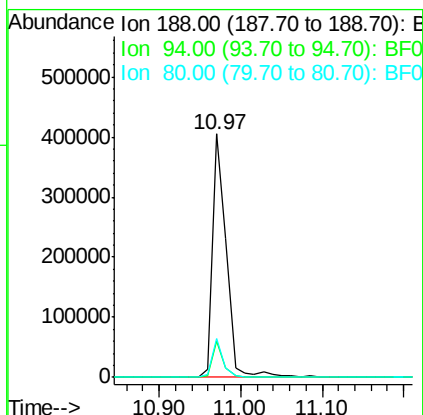
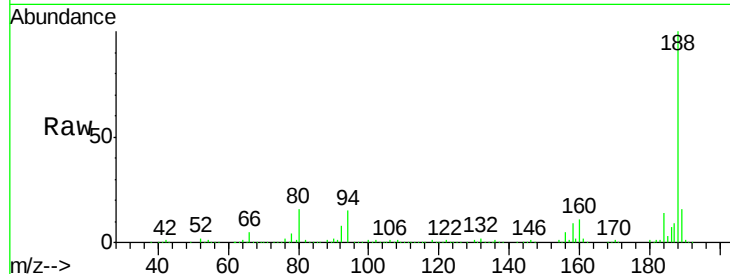




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090234.D
Acq: 26 Sep 2016 21:06

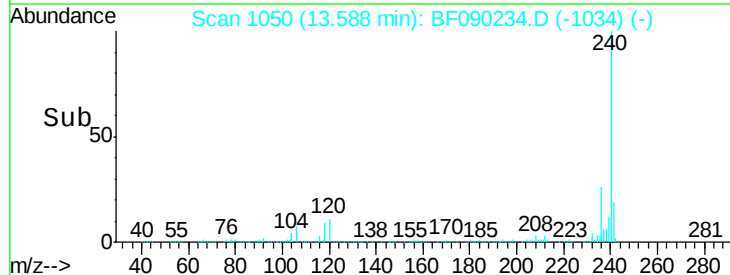
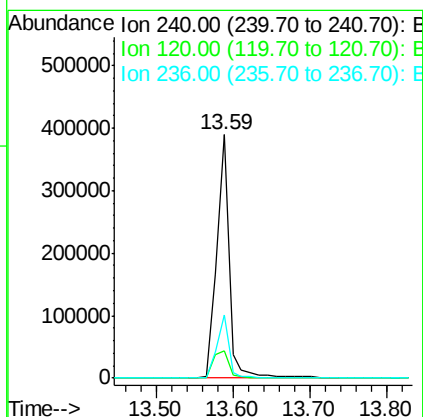
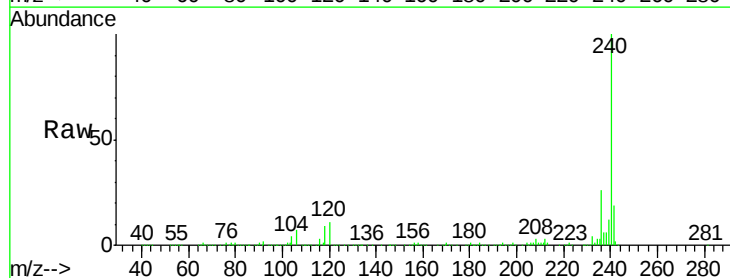
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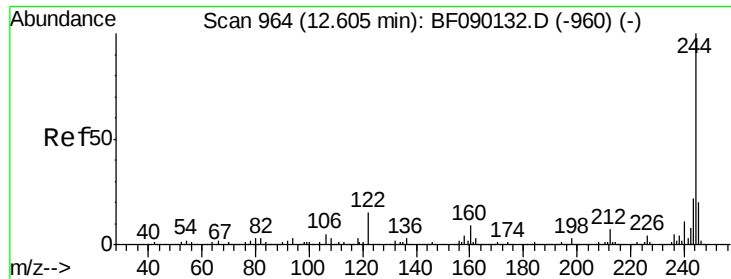
Tgt Ion:188 Resp: 482259
Ion Ratio Lower Upper
188 100
94 15.0 10.5 15.7
80 15.7 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090234.D
Acq: 26 Sep 2016 21:06

Tgt Ion:240 Resp: 440008
Ion Ratio Lower Upper
240 100
120 11.0 10.6 16.0
236 25.8 21.6 32.4

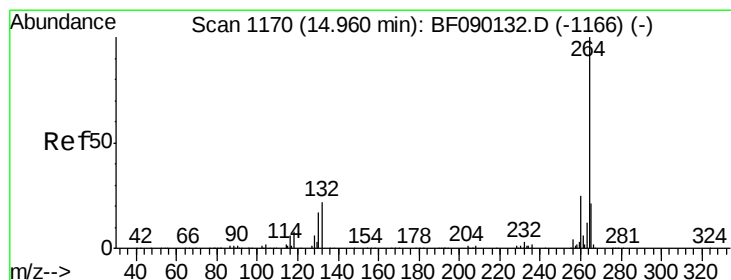
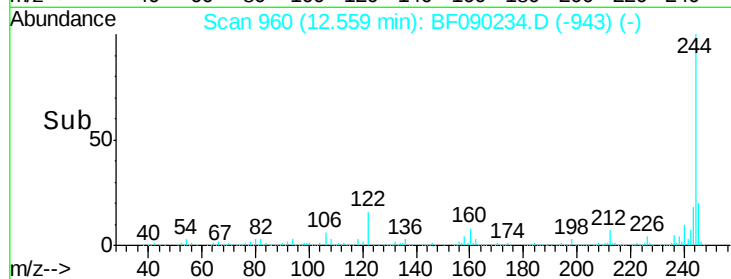
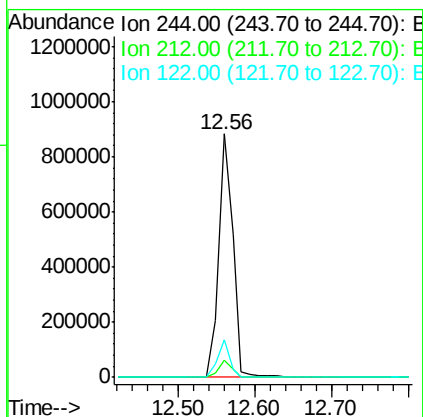
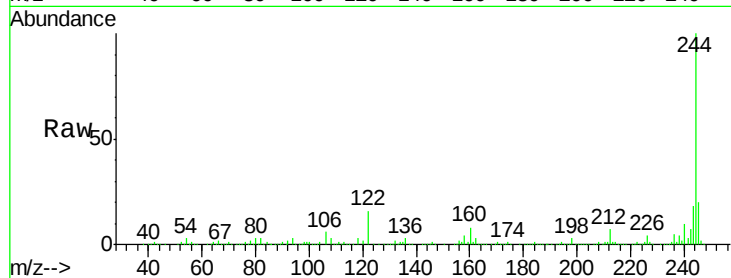




#78
 Terphenyl-d14
 Concen: 66.36 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF090234.D
 Acq: 26 Sep 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-05I-092216

Tgt Ion:244 Resp: 1150103
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 15.6 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090234.D
 Acq: 26 Sep 2016 21:06

Tgt Ion:264 Resp: 329257
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.0 25.4

