

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092616\
 Data File : BF090231.D
 Acq On : 26 Sep 2016 19:45
 Operator : UM/SJ
 Sample : H4946-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-092216

Quant Time: Sep 27 01:20:55 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

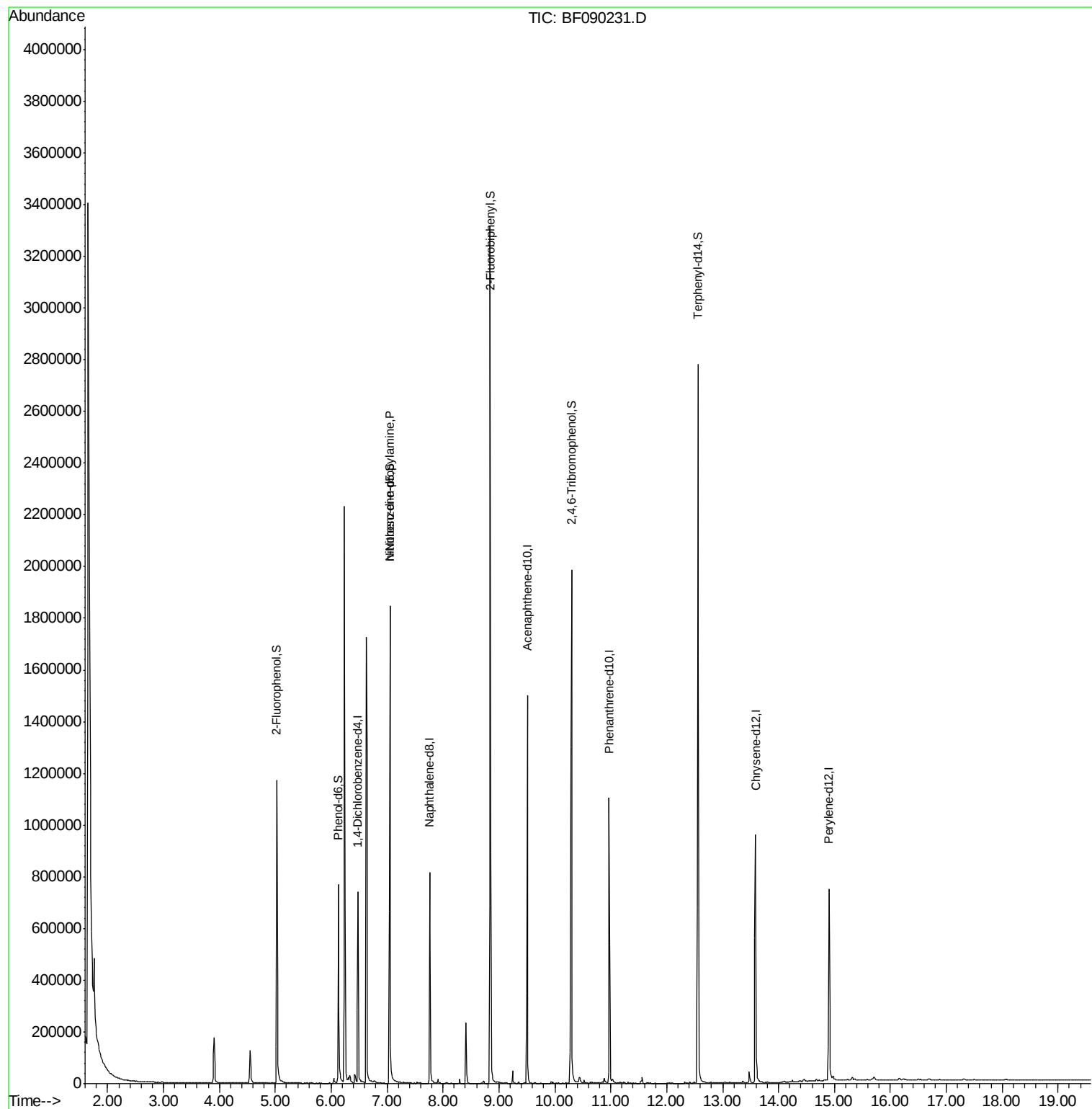
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	140807	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	556332	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	332243	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	499519	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	437991	20.00	ng	-0.01
86) Perylene-d12	14.90	264	314599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	425654	49.27	ng	0.00
7) Phenol-d6	6.12	99	364796	34.19	ng	-0.01
23) Nitrobenzene-d5	7.05	82	735883	76.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	350138	122.84	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1222071	72.21	ng	-0.01
78) Terphenyl-d14	12.56	244	1233132	71.48	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.05	70	85381	13.62	ng	# 79

(#) = 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

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MW-04S-092216

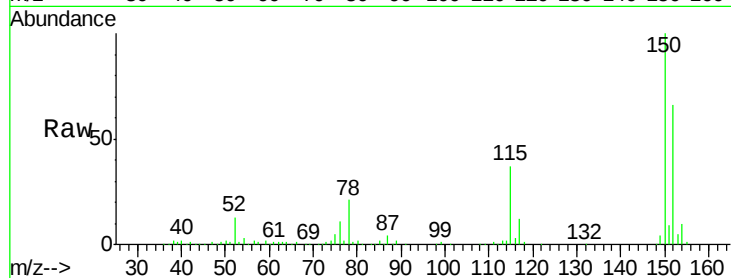
Tgt Ion:152 Resp: 140807

Ion Ratio Lower Upper

152 100

150 151.8 128.9 193.3

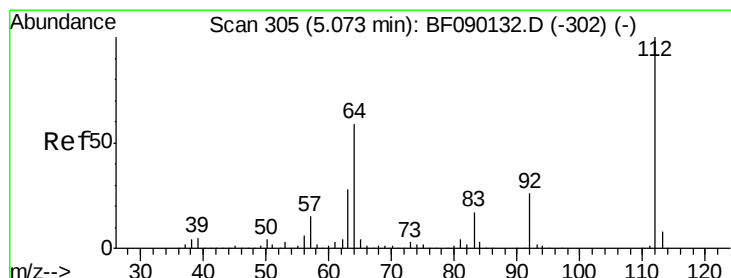
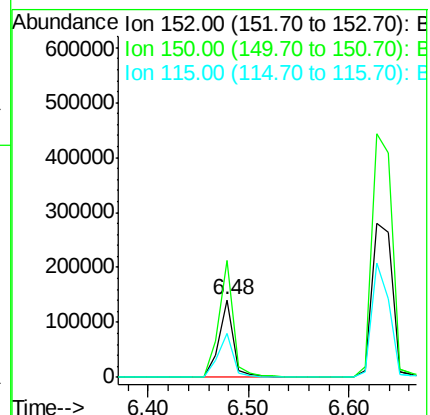
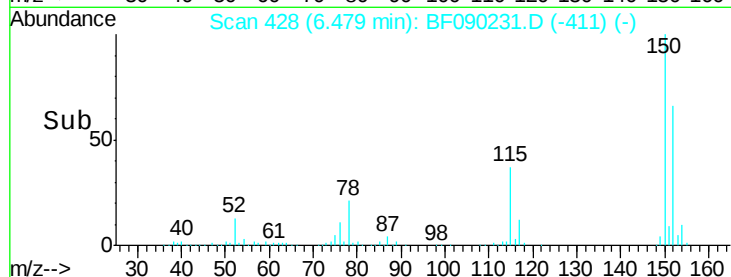
115 56.1 55.5 83.3



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: 49.27 ng

RT: 5.03 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF090231.D

Acq: 26 Sep 2016 19:45

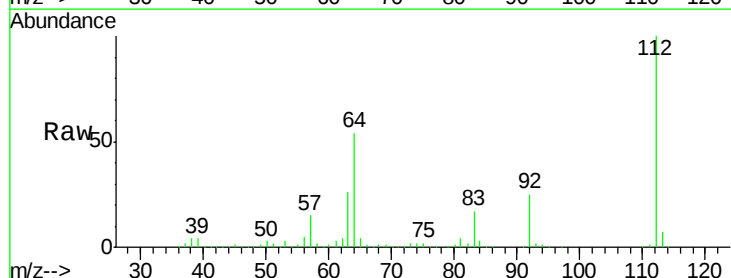
Tgt Ion:112 Resp: 425654

Ion Ratio Lower Upper

112 100

64 54.3 39.8 59.6

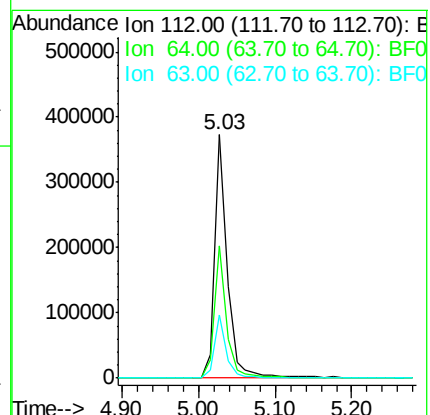
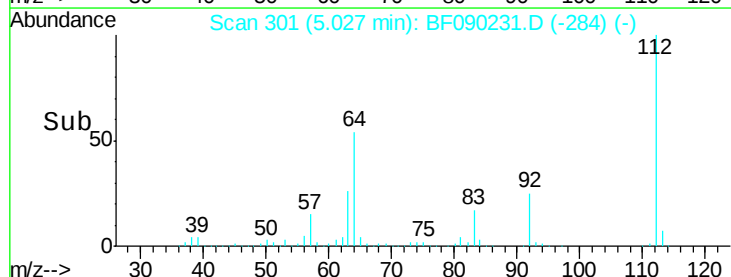
63 26.1 18.9 28.3

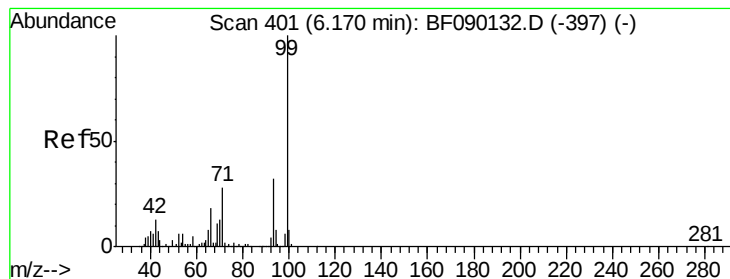


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.19 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090231.D

Acq: 26 Sep 2016 19:45

Instrument :

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MW-04S-092216

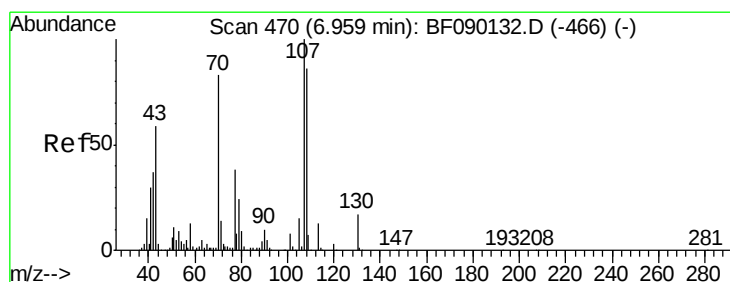
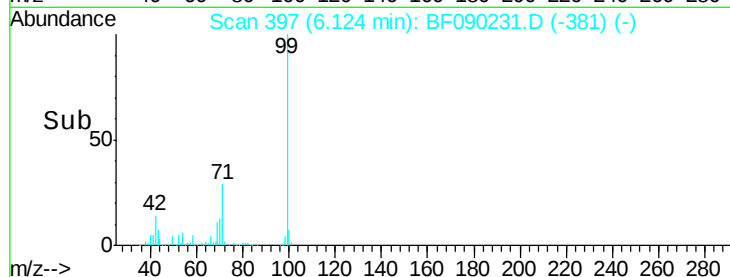
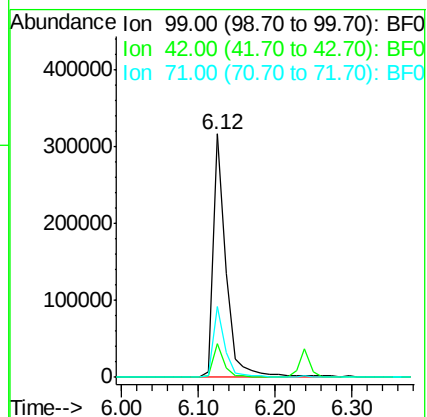
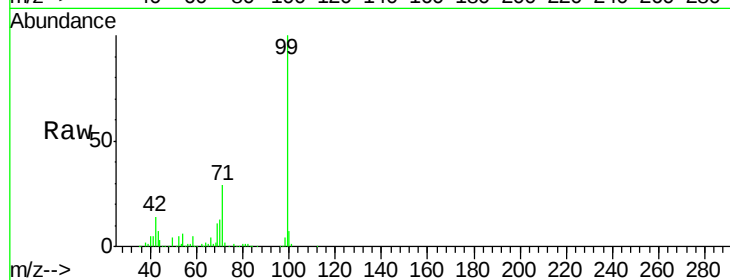
Tgt Ion: 99 Resp: 364796

Ion Ratio Lower Upper

99 100

42 13.7 10.6 15.8

71 29.0 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.62 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090231.D

Acq: 26 Sep 2016 19:45

Tgt Ion: 70 Resp: 85381

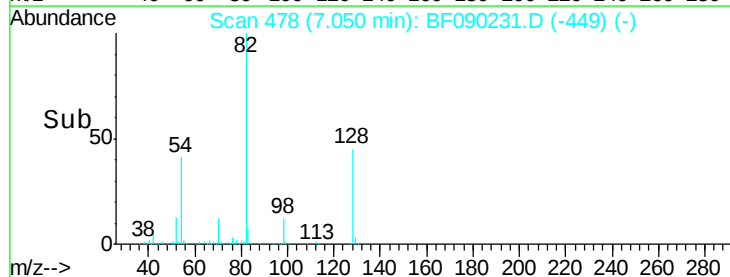
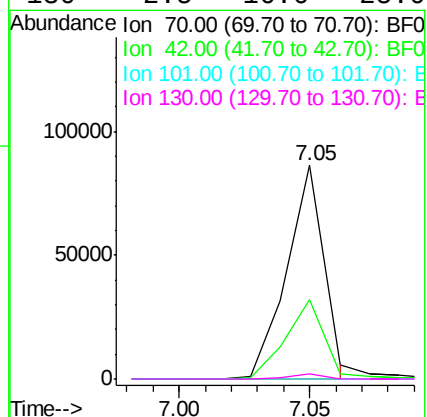
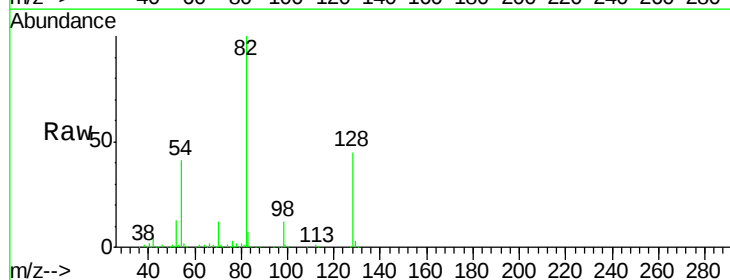
Ion Ratio Lower Upper

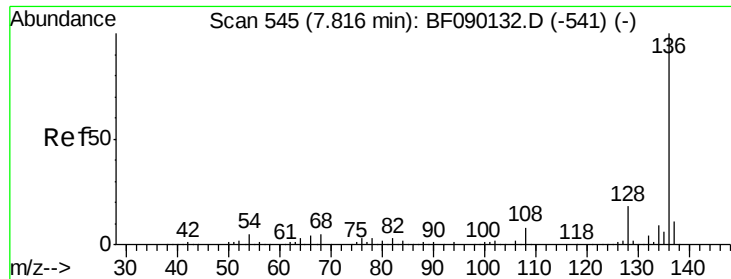
70 100

42 37.1 35.1 52.7

101 0.0 7.5 11.3#

130 2.5 16.6 25.0#

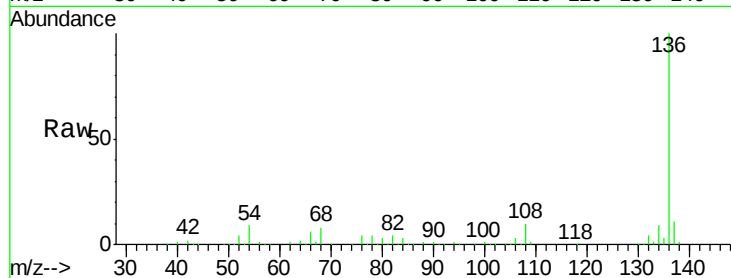




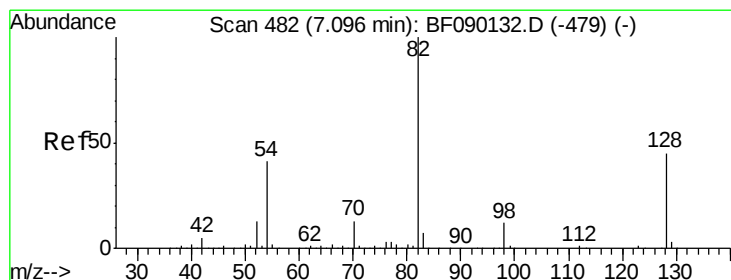
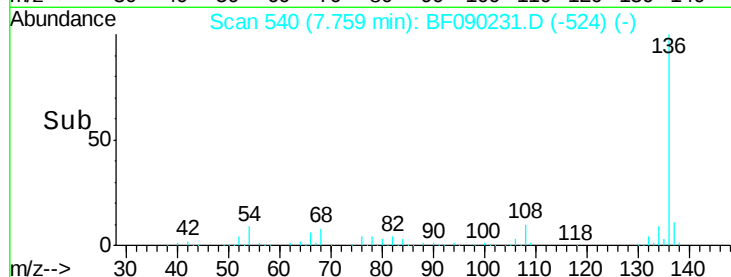
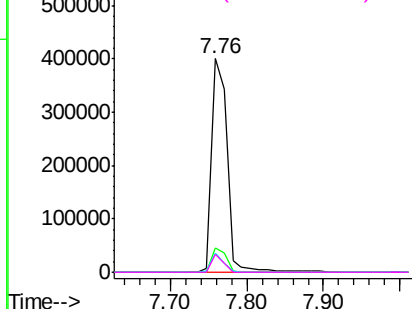
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090231.D
Acq: 26 Sep 2016 19:45

Instrument :
BNA_F
ClientSampleId :
MW-04S-092216

Tgt Ion:	136	Resp:	556332
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.8	6.4	9.6
68	8.2	6.3	9.5

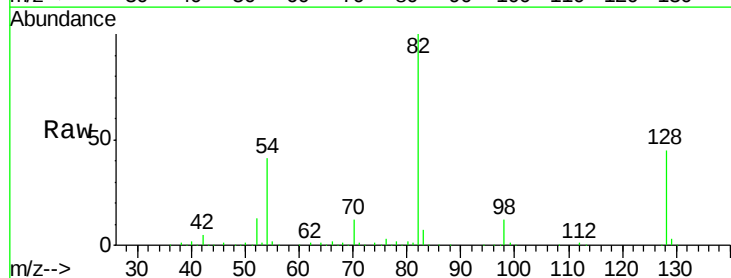


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

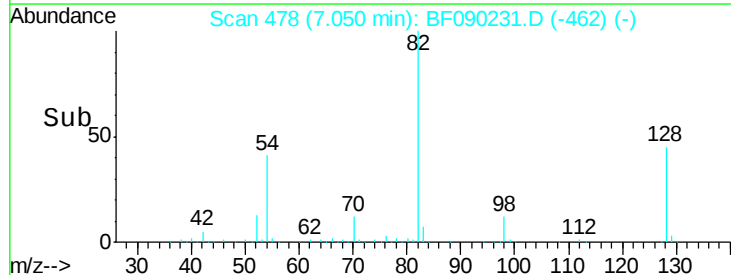
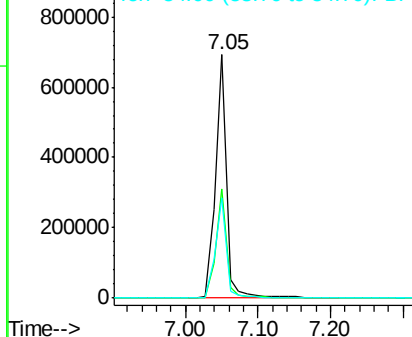


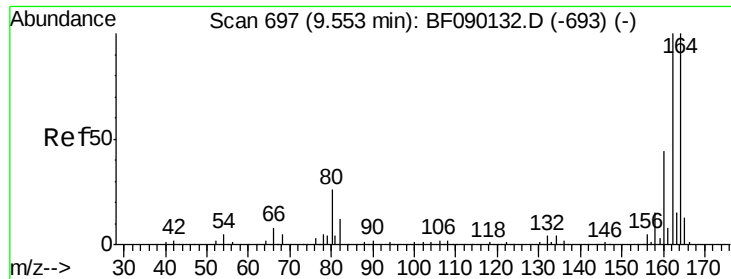
#23
Nitrobenzene-d5
Concen: 76.68 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090231.D
Acq: 26 Sep 2016 19:45

Tgt Ion:	82	Resp:	735883
Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.5	56.3
54	41.3	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: BF090231.D

Acq: 26 Sep 2016 19:45

Instrument :

BNA_F

ClientSampleId :

MW-04S-092216

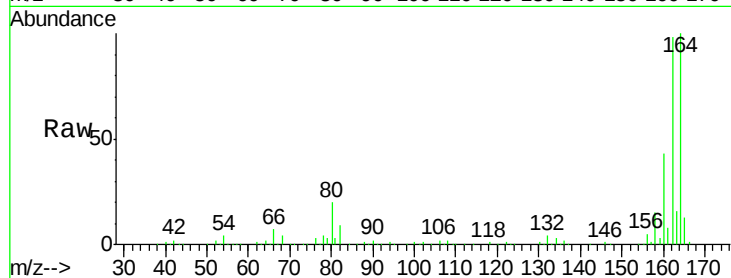
Tgt Ion:164 Resp: 332243

Ion Ratio Lower Upper

164 100

162 98.1 81.4 122.2

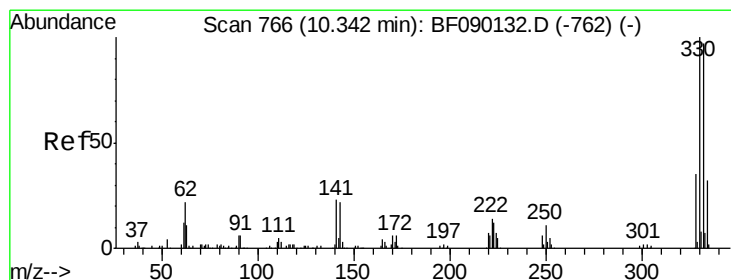
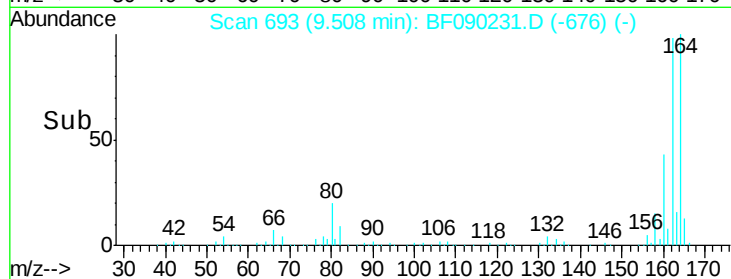
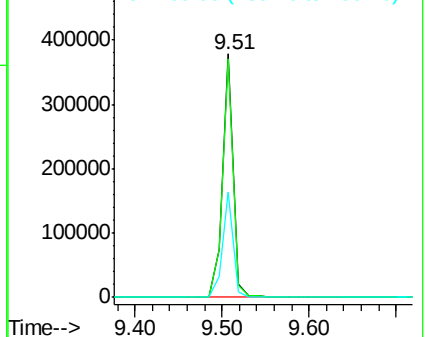
160 43.1 36.6 54.8



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: 122.84 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF090231.D

Acq: 26 Sep 2016 19:45

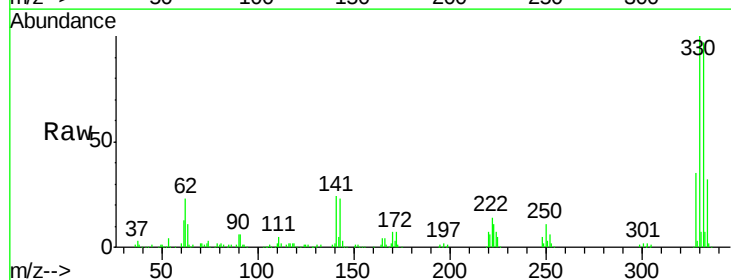
Tgt Ion:330 Resp: 350138

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

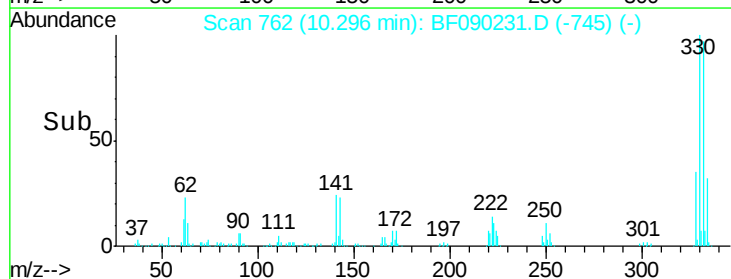
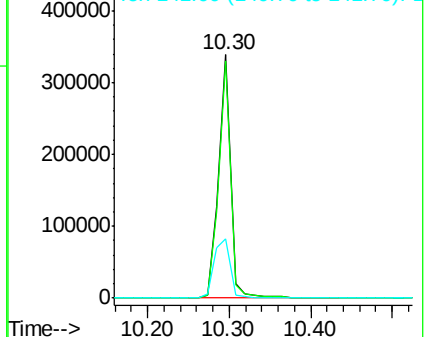
141 32.6 23.9 35.9



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

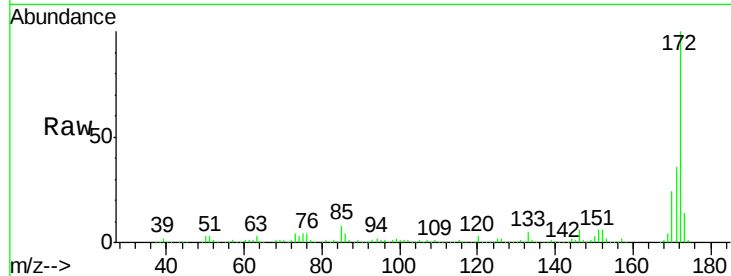




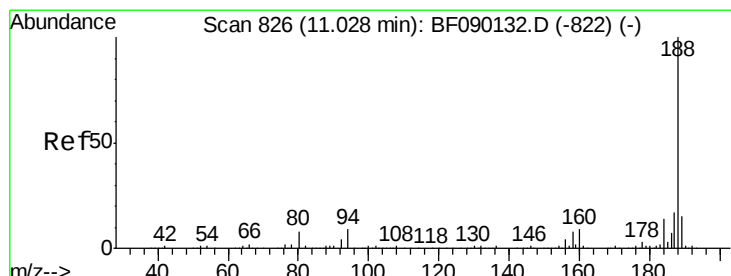
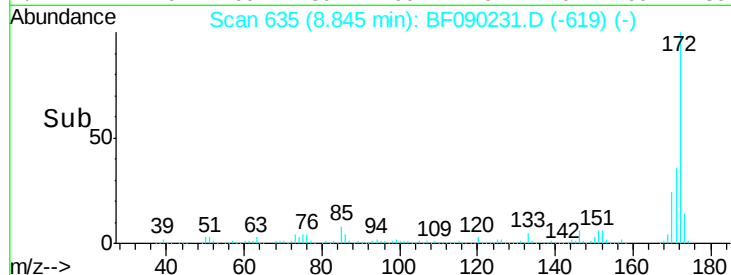
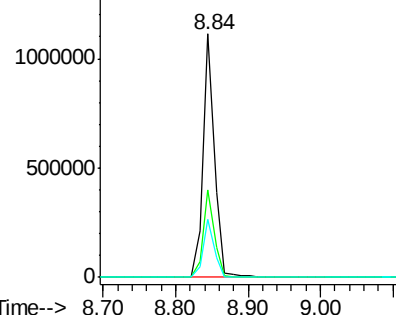
#44
 2-Fluorobiphenyl
 Concen: 72.21 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090231.D
 Acq: 26 Sep 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-092216

Tgt Ion:172 Resp: 1222071
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.9 19.8 29.8

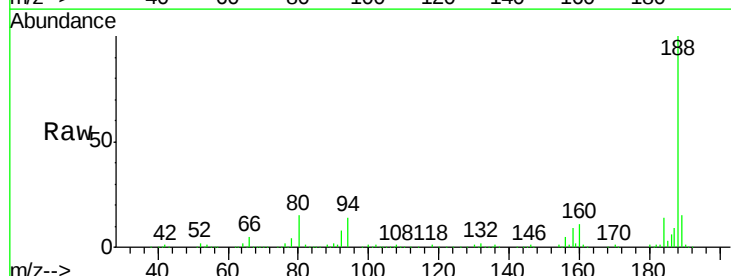


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

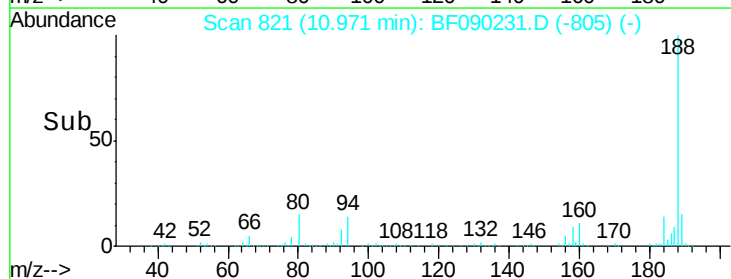
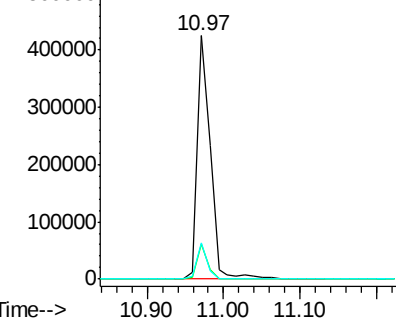


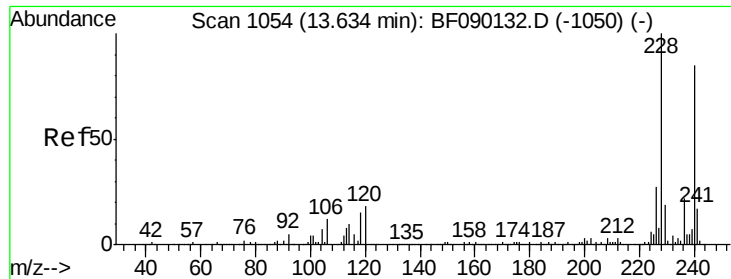
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF090231.D
 Acq: 26 Sep 2016 19:45

Tgt Ion:188 Resp: 499519
 Ion Ratio Lower Upper
 188 100
 94 14.3 10.5 15.7
 80 15.0 11.2 16.8



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: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090231.D

Acq: 26 Sep 2016 19:45

Instrument :

BNA_F

ClientSampleId :

MW-04S-092216

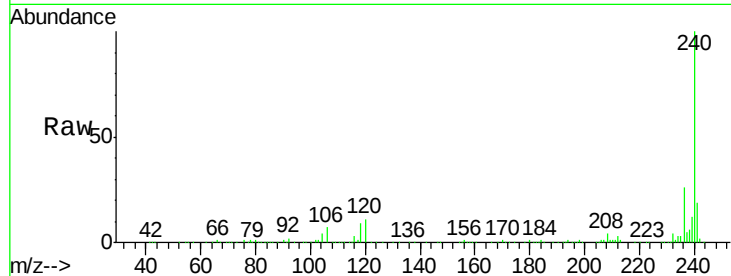
Tgt Ion:240 Resp: 437991

Ion Ratio Lower Upper

240 100

120 10.7 10.6 16.0

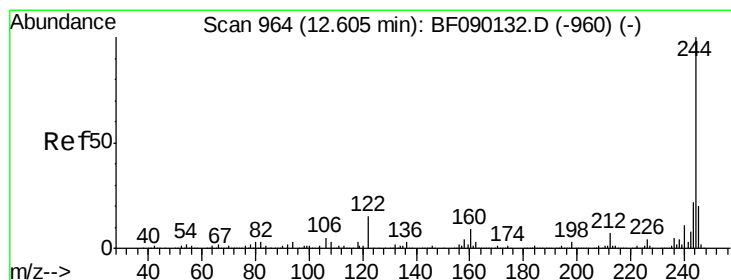
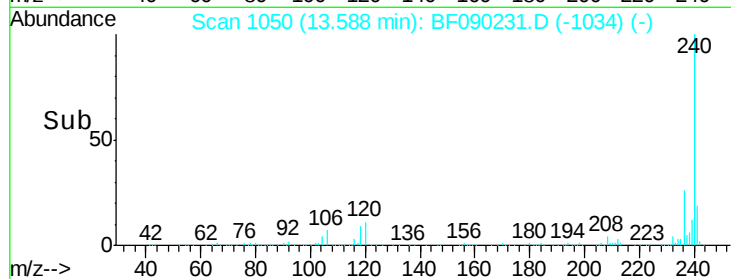
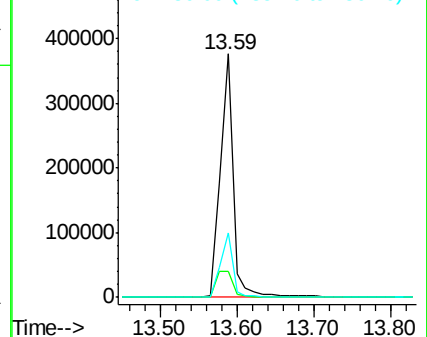
236 26.2 21.6 32.4



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: 71.48 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090231.D

Acq: 26 Sep 2016 19:45

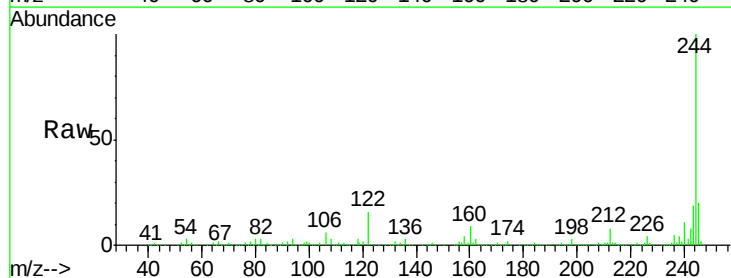
Tgt Ion:244 Resp: 1233132

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

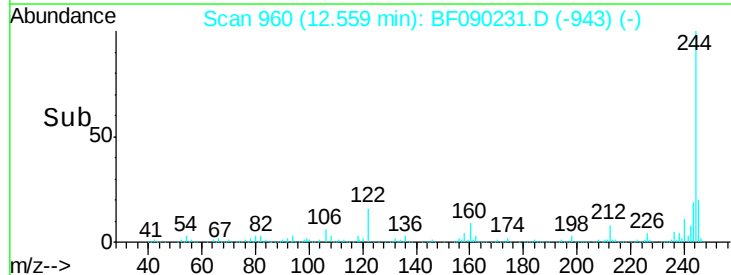
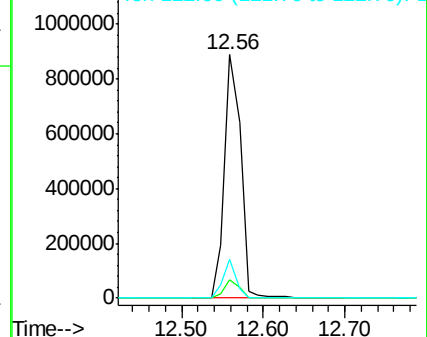
122 16.1 9.4 14.0#

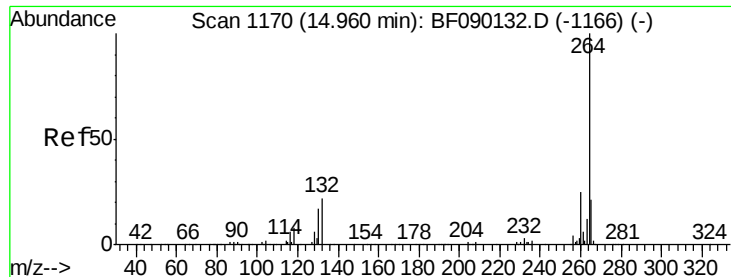


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090231.D
Acq: 26 Sep 2016 19:45

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.0	25.4

