

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090240.D
 Acq On : 27 Sep 2016 1:40
 Operator : UM/SJ
 Sample : H4946-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06D-092216

Quant Time: Sep 27 03:42:47 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

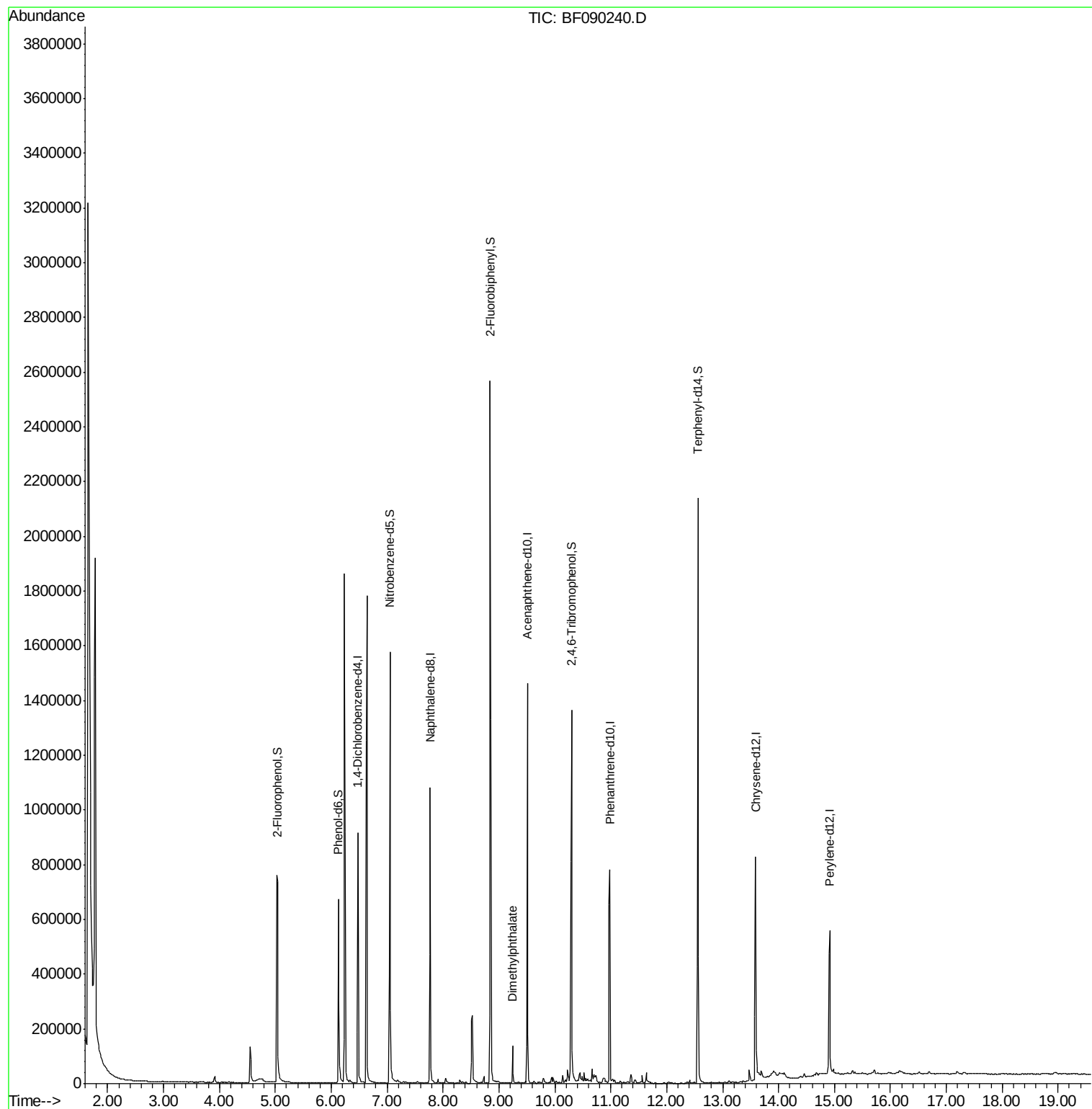
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	156499	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	596879	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	300297	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	418029	20.00	ng	0.00
75) Chrysene-d12	13.59	240	309668	20.00	ng	-0.01
86) Perylene-d12	14.91	264	277252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	394707	41.11	ng	0.01
7) Phenol-d6	6.12	99	323964	27.32	ng	-0.01
23) Nitrobenzene-d5	7.05	82	616537	59.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	220236	85.49	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1044339	68.27	ng	-0.01
78) Terphenyl-d14	12.56	244	714603	58.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	56190	2.94	ng	# 99

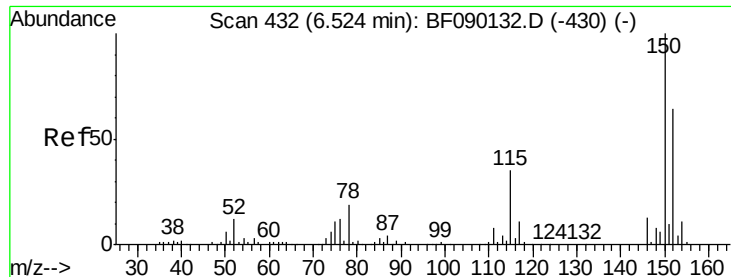
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090240.D

Acq: 27 Sep 2016 1:40

Instrument :

BNA_F

ClientSampleId :

MW-06D-092216

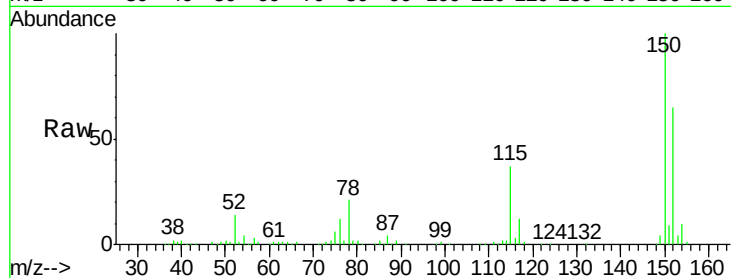
Tot Ion:152 Resp: 156499

Ion Ratio Lower Upper

152 100

150 153.6 128.9 193.3

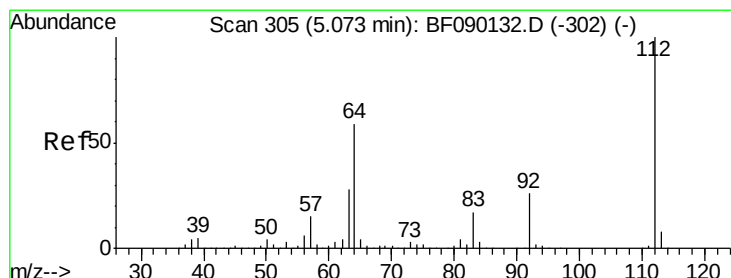
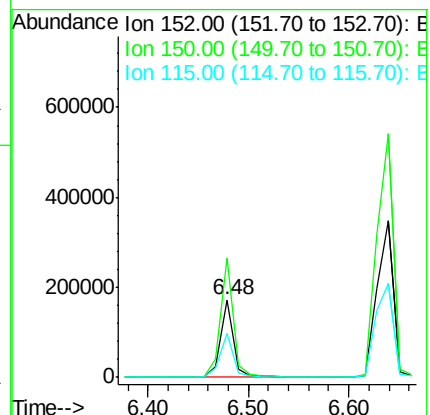
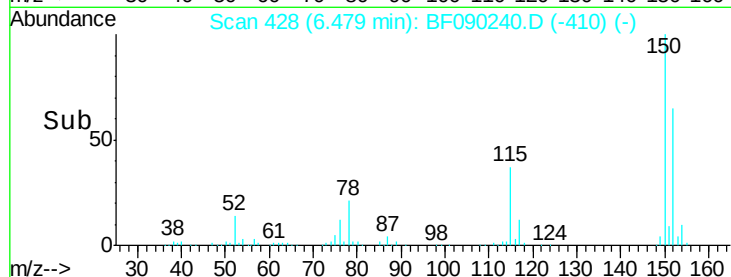
115 57.5 55.5 83.3



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: 41.11 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090240.D

Acq: 27 Sep 2016 1:40

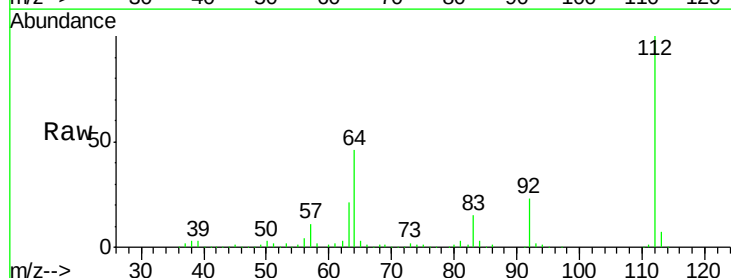
Tgt Ion:112 Resp: 394707

Ion Ratio Lower Upper

112 100

64 46.1 39.8 59.6

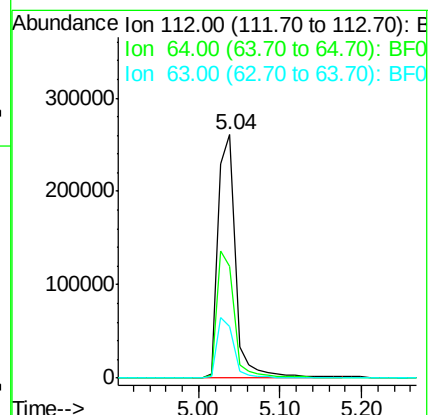
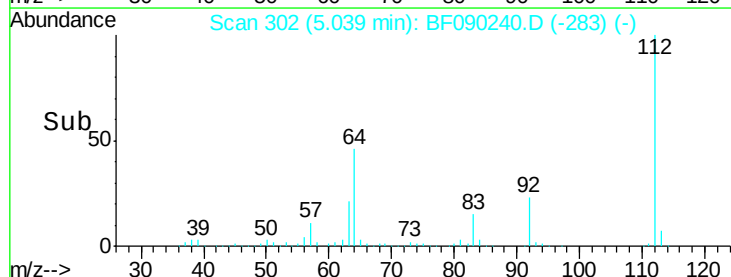
63 21.3 18.9 28.3

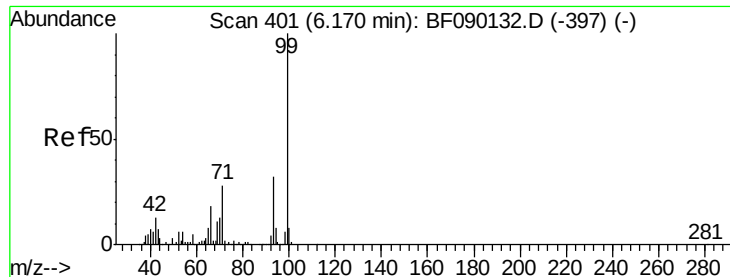


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.32 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090240.D

Acq: 27 Sep 2016 1:40

Instrument :

BNA_F

ClientSampleId :

MW-06D-092216

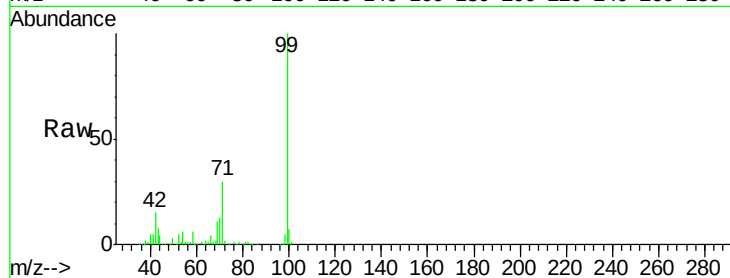
Tot Ion: 99 Resp: 323964

Ion Ratio Lower Upper

99 100

42 14.7 10.6 15.8

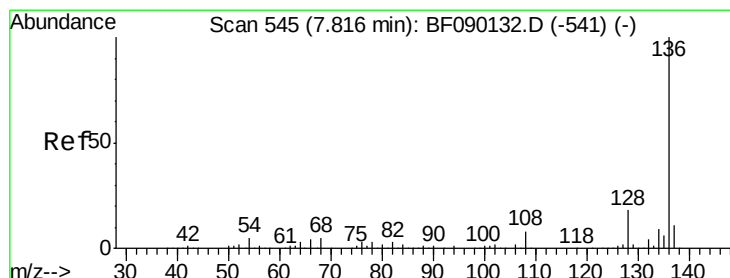
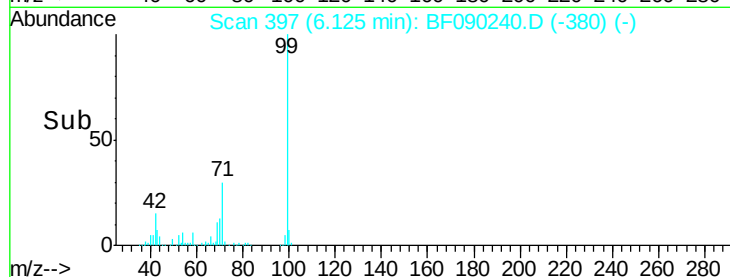
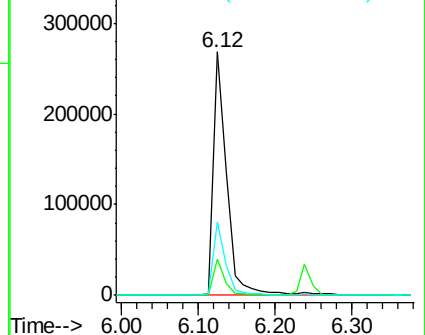
71 30.1 23.0 34.6



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF090240.D

Acq: 27 Sep 2016 1:40

Tgt Ion: 136 Resp: 596879

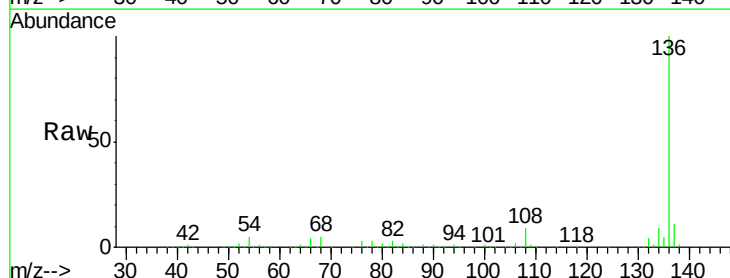
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.3 6.4 9.6#

68 5.4 6.3 9.5#

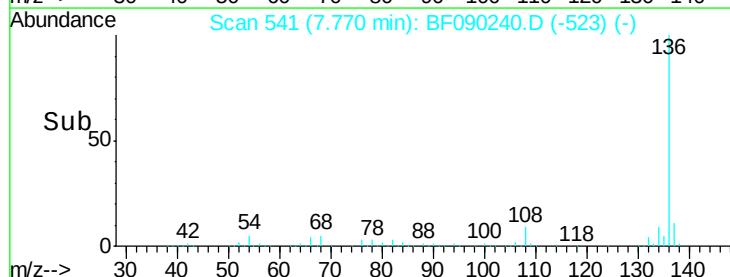
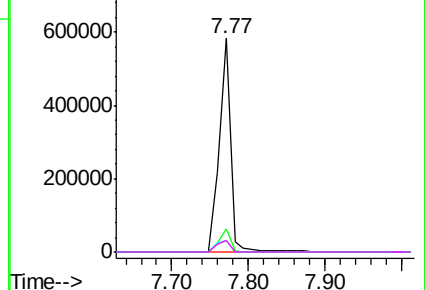


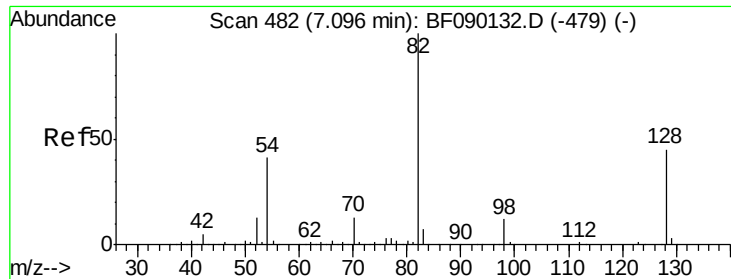
Abundance Ion 136.00 (135.70 to 136.70): E

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

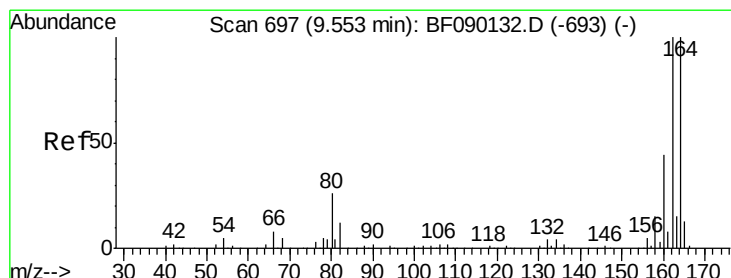
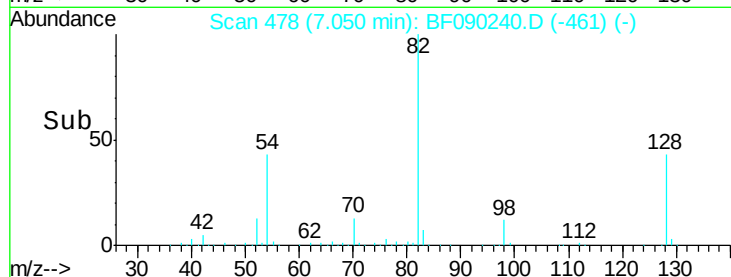
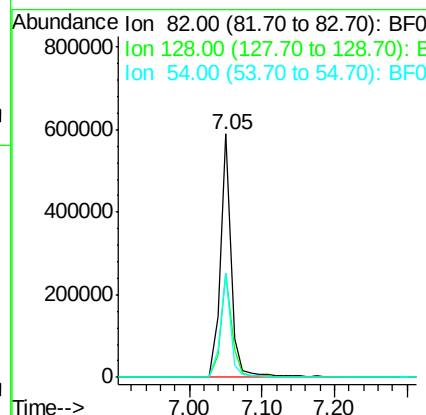
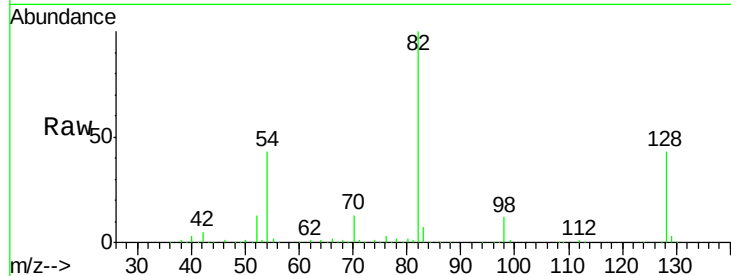




#23
 Nitrobenzene-d5
 Concen: 59.88 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090240.D
 Acq: 27 Sep 2016 1:40

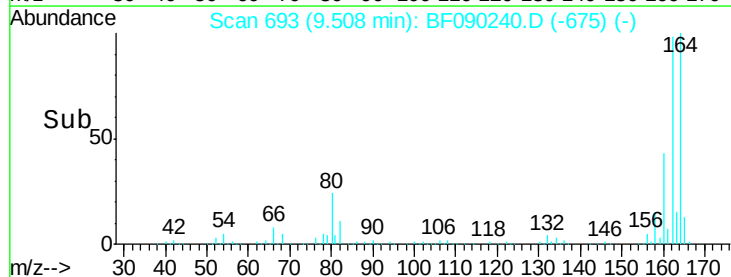
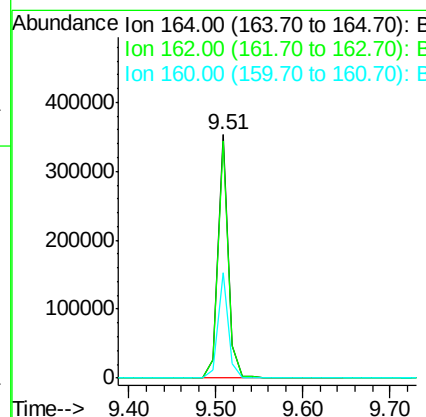
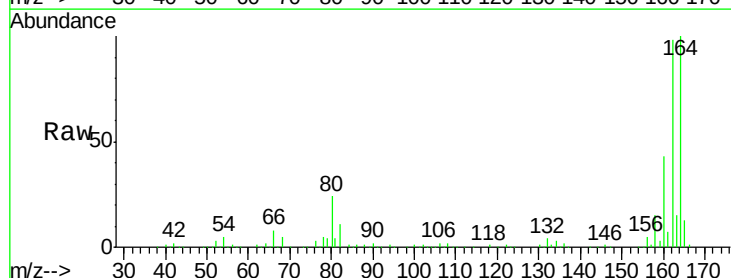
Instrument :
 BNA_F
 ClientSampleId :
 MW-06D-092216

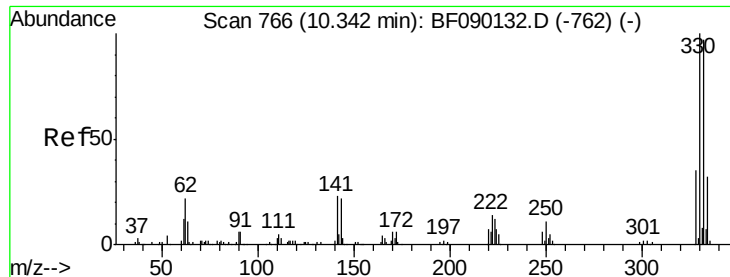
Tot Ion	82	Resp	616537
Ion Ratio	100	Lower	Upper
128	43.0	37.5	56.3
54	42.8	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF090240.D
 Acq: 27 Sep 2016 1:40

Tgt Ion	164	Resp	300297
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	97.7	81.4	122.2
160	43.4	36.6	54.8

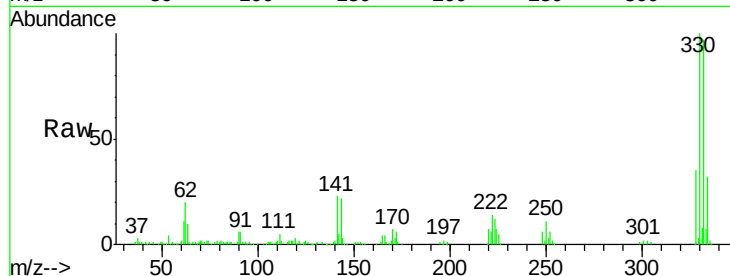




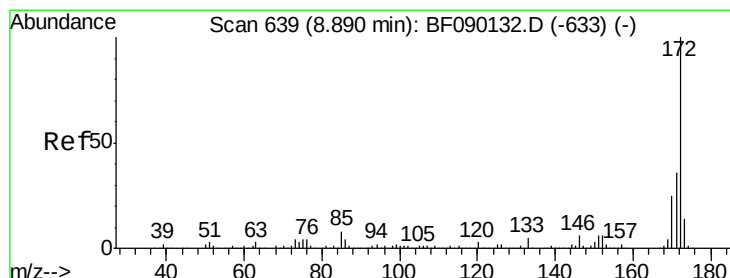
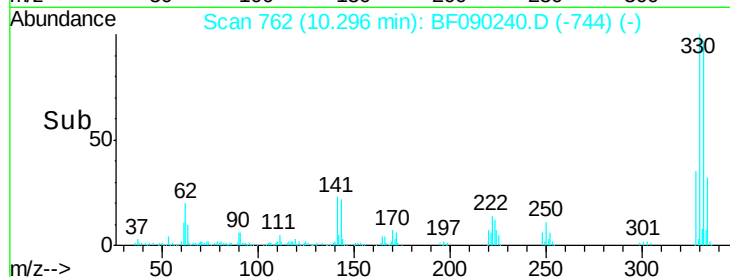
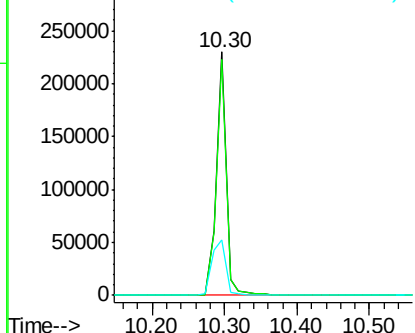
#41
 2,4,6-Tribromophenol
 Concen: 85.49 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF090240.D
 Acq: 27 Sep 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-06D-092216

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.1	117.1
141	32.1	23.9	35.9

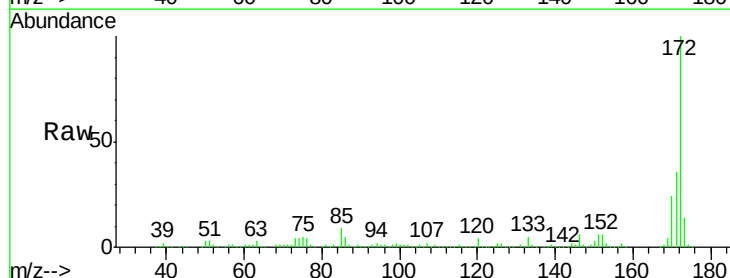


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

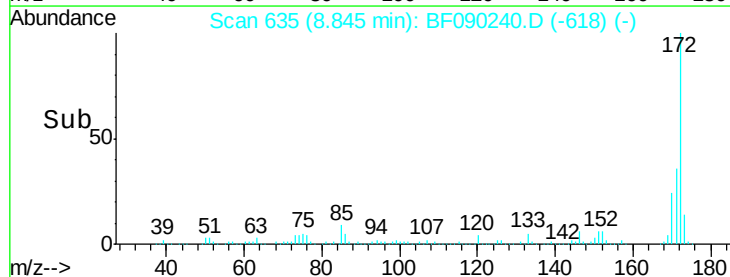
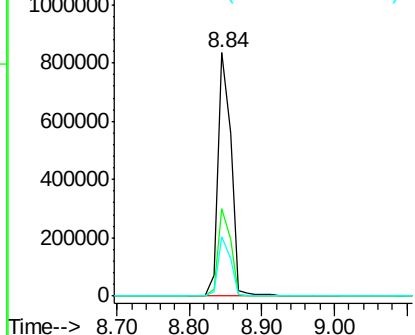


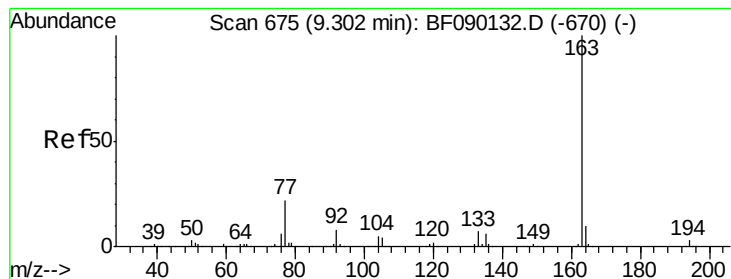
#44
 2-Fluorobiphenyl
 Concen: 68.27 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090240.D
 Acq: 27 Sep 2016 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.4	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: 2.94 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF090240.D

Acq: 27 Sep 2016 1:40

Instrument :

BNA_F

ClientSampleId :

MW-06D-092216

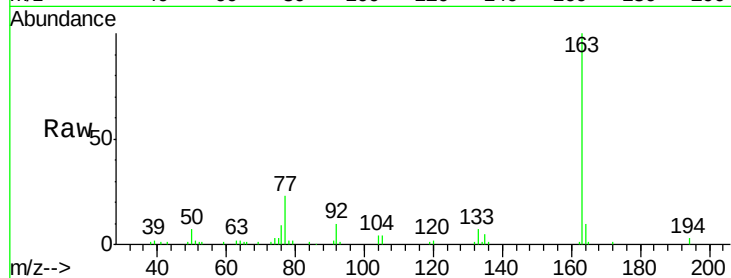
Tot Ion:163 Resp: 56190

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2#

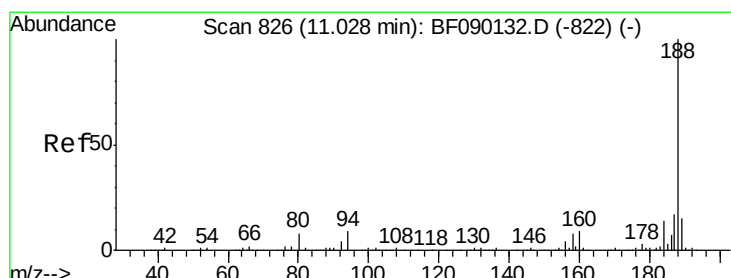
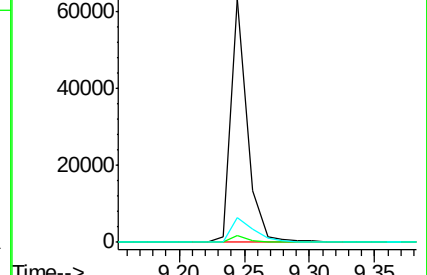
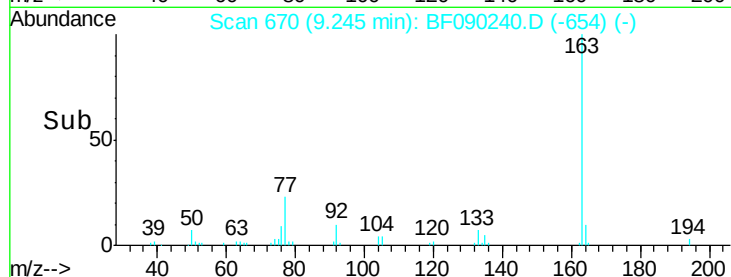
164 9.9 8.1 12.1



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: 10.98 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF090240.D

Acq: 27 Sep 2016 1:40

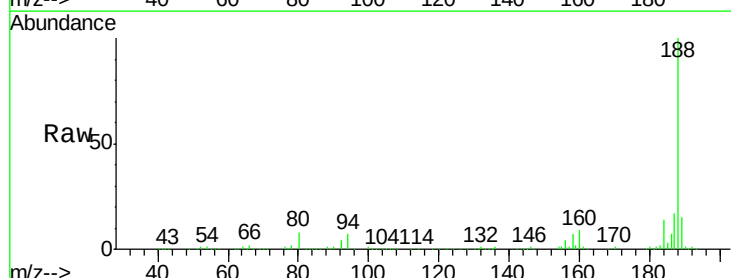
Tgt Ion:188 Resp: 418029

Ion Ratio Lower Upper

188 100

94 7.4 10.5 15.7#

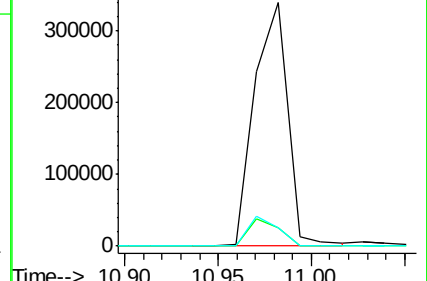
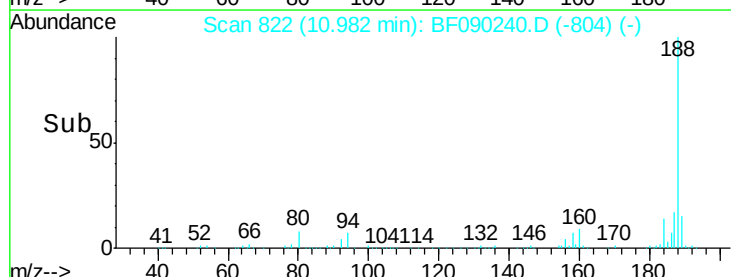
80 7.5 11.2 16.8#

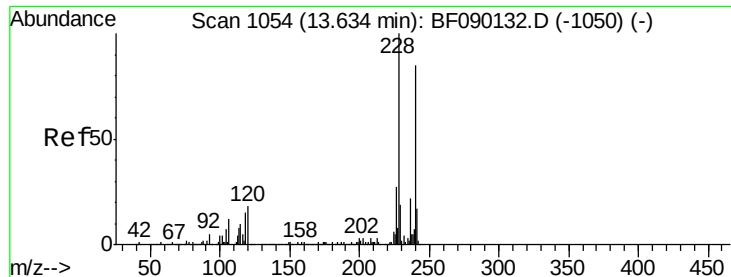


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090240.D

Acq: 27 Sep 2016 1:40

Instrument :

BNA_F

ClientSampleId :

MW-06D-092216

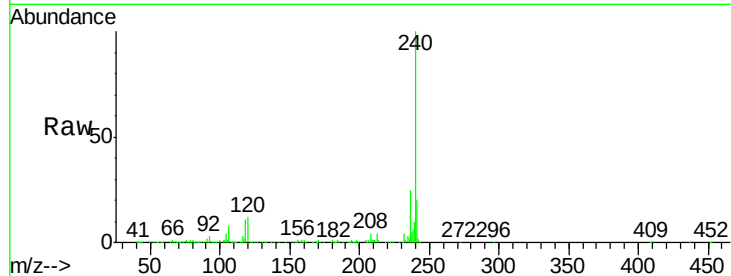
Tot Ion:240 Resp: 309668

Ion Ratio Lower Upper

240 100

120 12.0 10.6 16.0

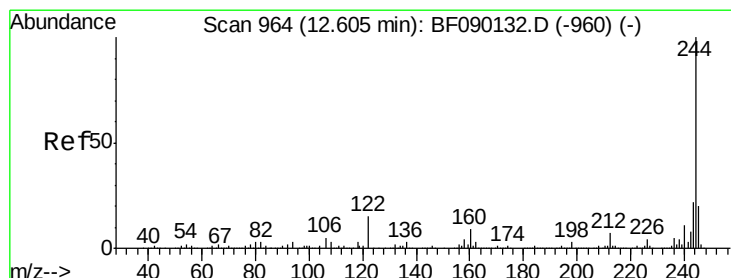
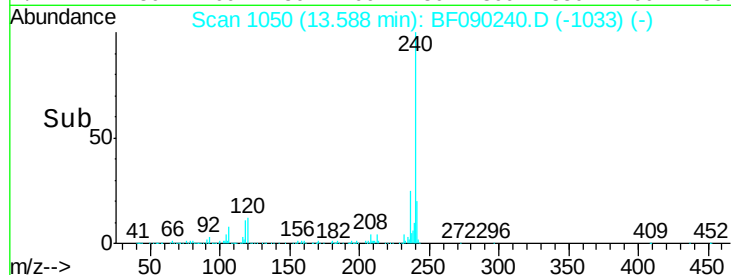
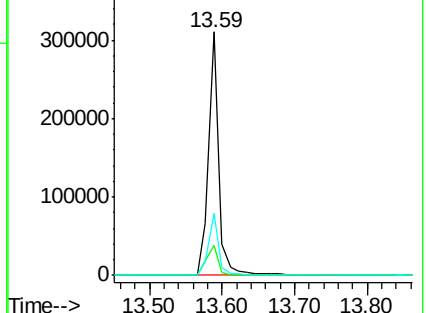
236 25.4 21.6 32.4



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: 58.59 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF090240.D

Acq: 27 Sep 2016 1:40

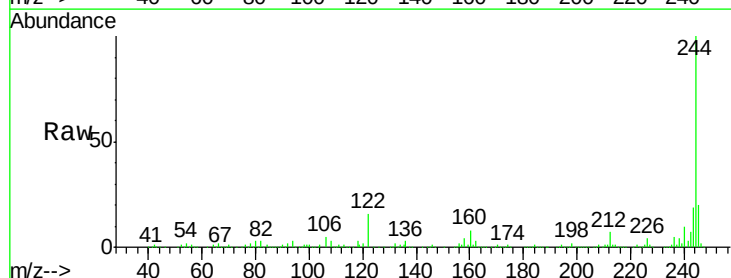
Tgt Ion:244 Resp: 714603

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

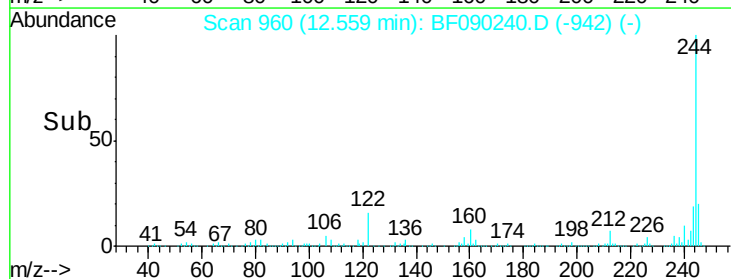
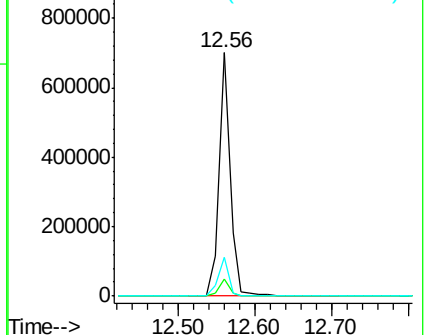
122 15.7 9.4 14.0#

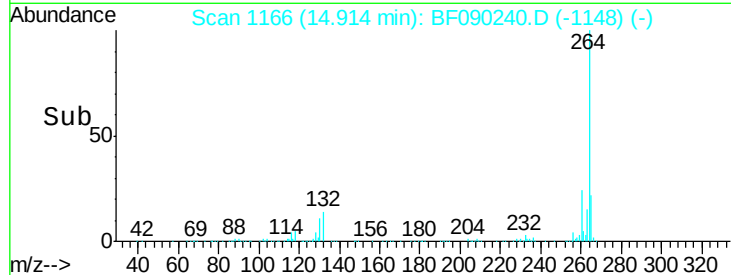
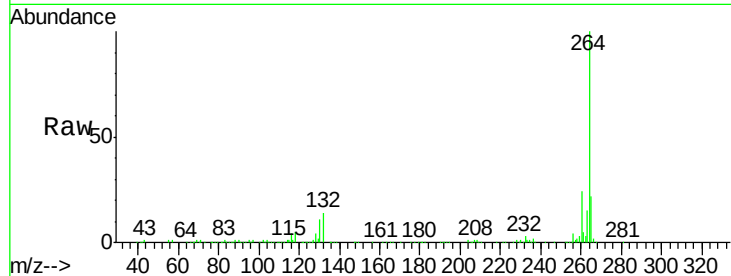
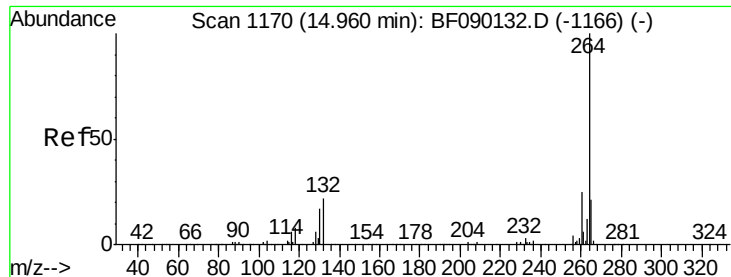


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF090240.D
 Acq: 27 Sep 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-06D-092216

Tot Ion:	264	Resp:	277252
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.8	17.0	25.4

