

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
 Data File : BF090110.D
 Acq On : 16 Sep 2016 17:03
 Operator : UM/SJ
 Sample : H4780-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WM-184(6-10)

Quant Time: Sep 16 23:06:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

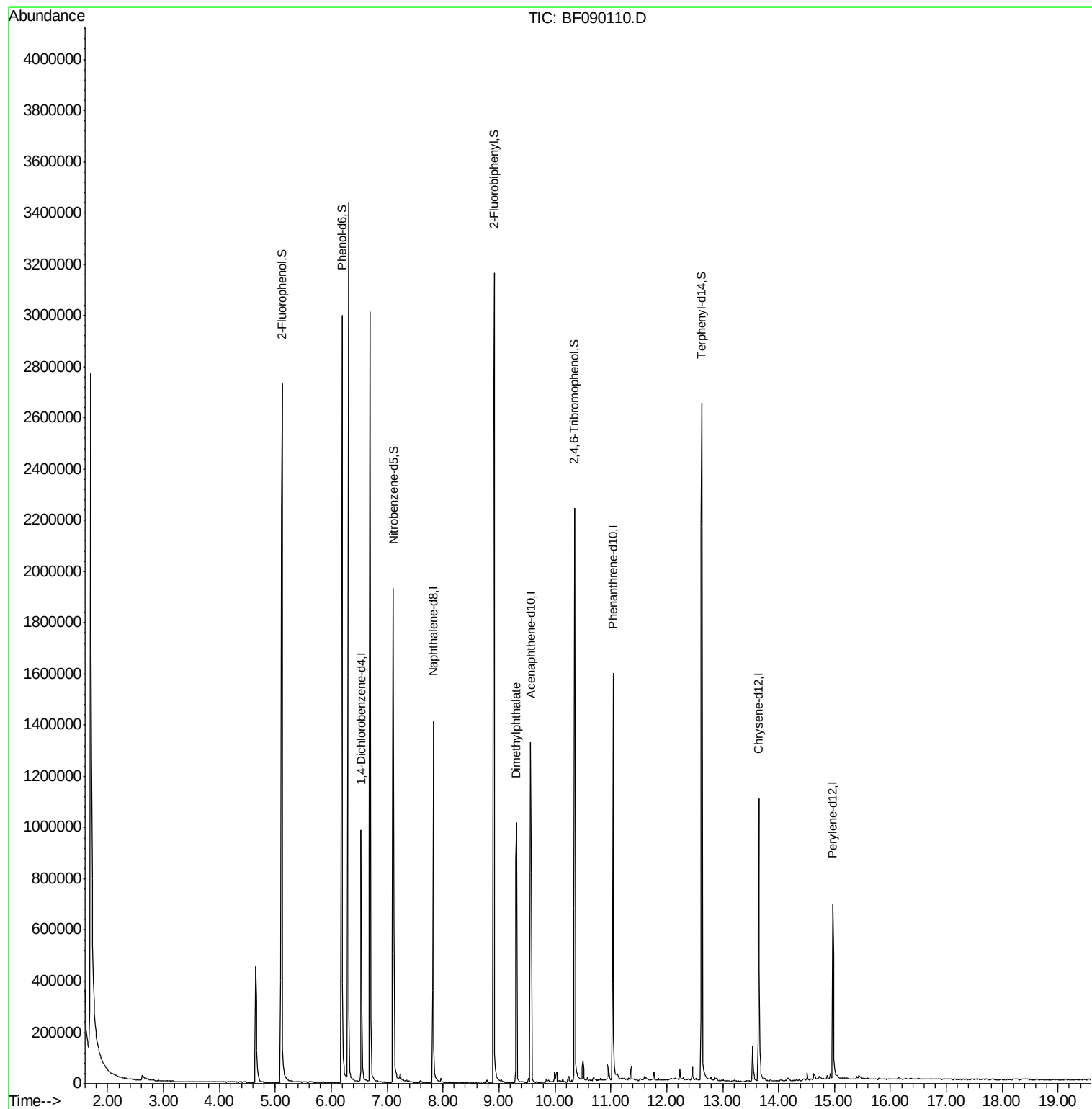
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	175458	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	727779	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	384525	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	627304	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	456175	20.00	ng	-0.02
86) Perylene-d12	14.97	264	356633	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1306731	119.78	ng	0.00
7) Phenol-d6	6.19	99	1495734	104.72	ng	-0.01
23) Nitrobenzene-d5	7.11	82	891489	68.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	321290	83.18	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1547117	63.19	ng	-0.01
78) Terphenyl-d14	12.63	244	1244652	64.79	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	685036	23.99	ng	99

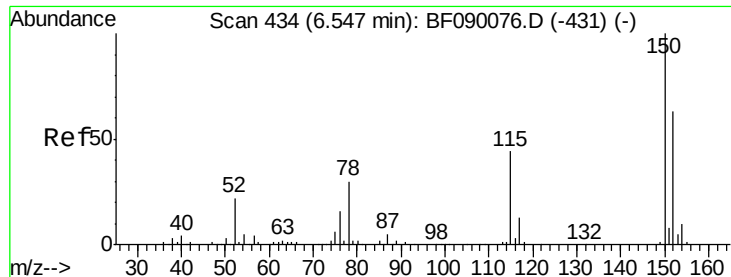
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

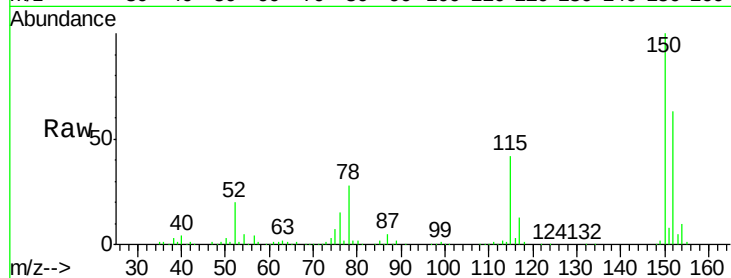
Tot Ion:152 Resp: 175458

Ion Ratio Lower Upper

152 100

150 158.8 128.9 193.3

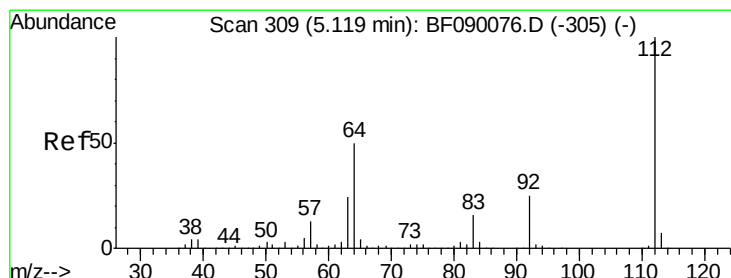
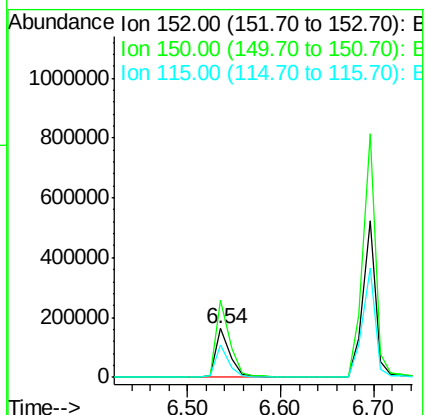
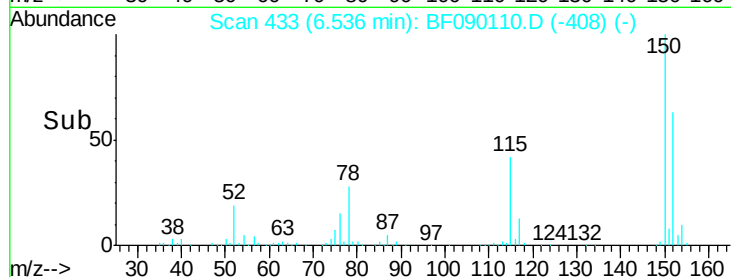
115 66.9 55.5 83.3



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: 119.78 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

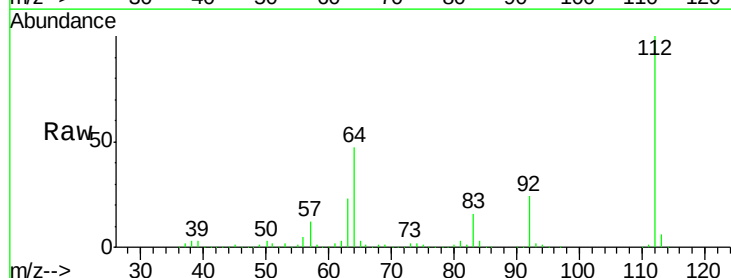
Tgt Ion:112 Resp: 1306731

Ion Ratio Lower Upper

112 100

64 47.0 39.8 59.6

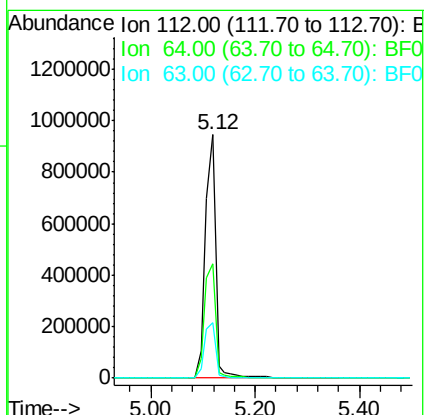
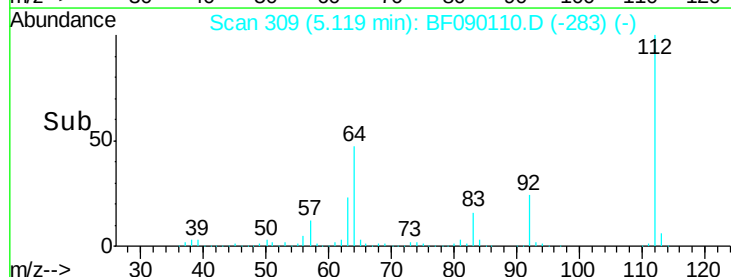
63 22.6 18.9 28.3

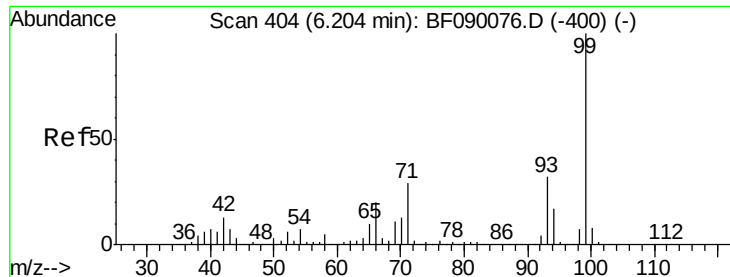


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.72 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

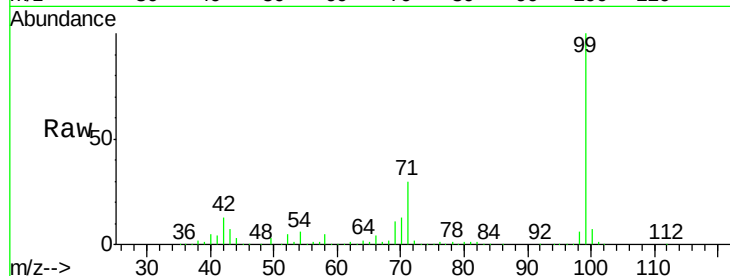
Tot Ion: 99 Resp: 1495734

Ion Ratio Lower Upper

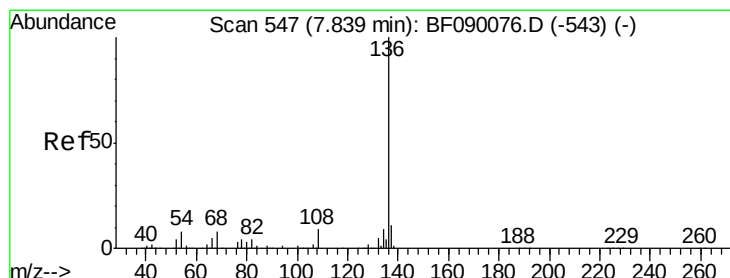
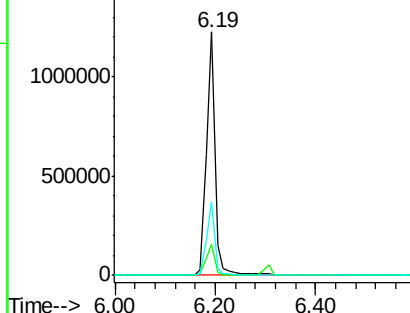
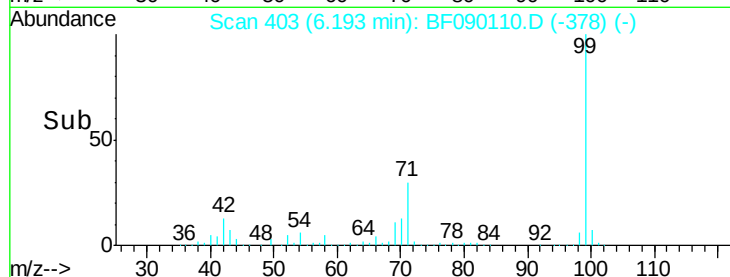
99 100

42 12.9 10.6 15.8

71 29.9 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Tgt Ion: 136 Resp: 727779

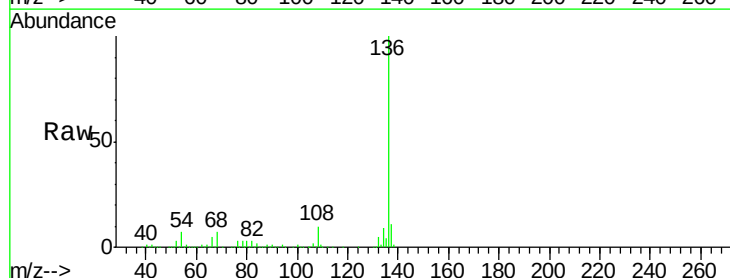
Ion Ratio Lower Upper

136 100

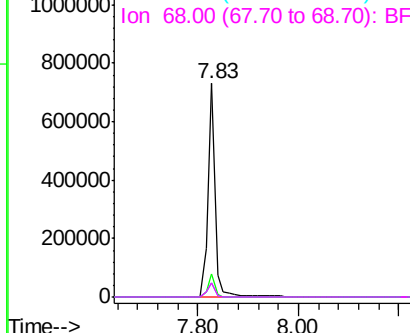
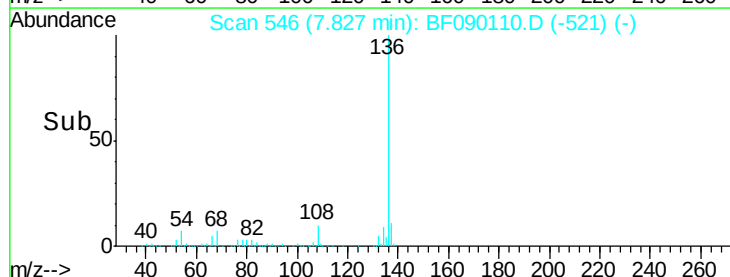
137 11.1 9.0 13.4

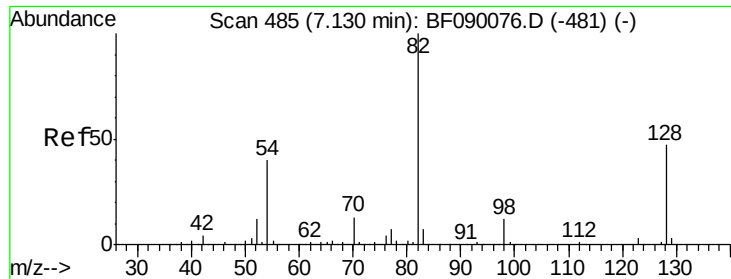
54 6.8 6.4 9.6

68 6.6 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

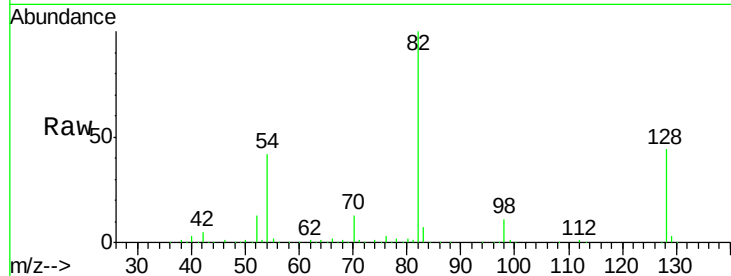




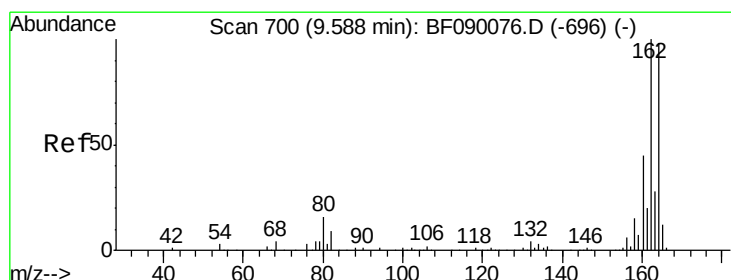
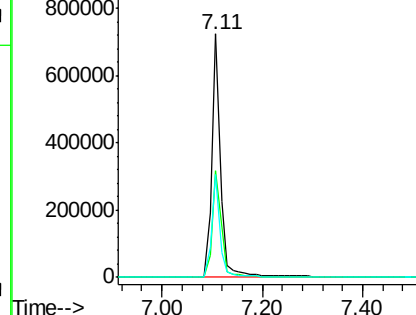
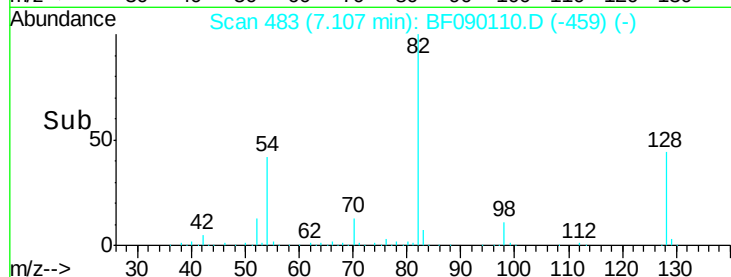
#23
 Nitrobenzene-d5
 Concen: 68.87 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF090110.D
 Acq: 16 Sep 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 WM-184(6-10)

Tot Ion	82	Resp	891489
Ion Ratio	100	Lower	Upper
128	43.6	37.5	56.3
54	42.0	31.9	47.9

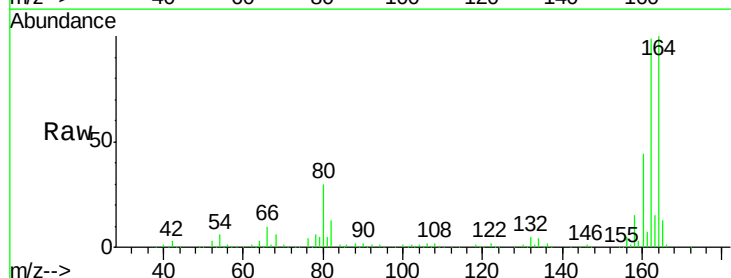


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

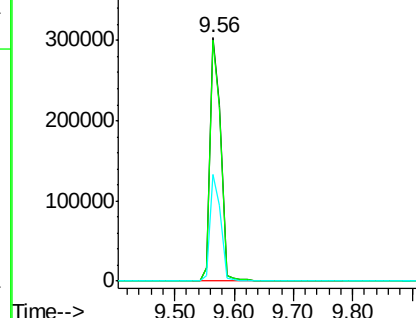
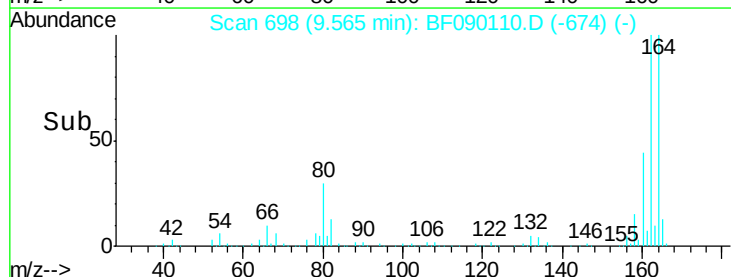


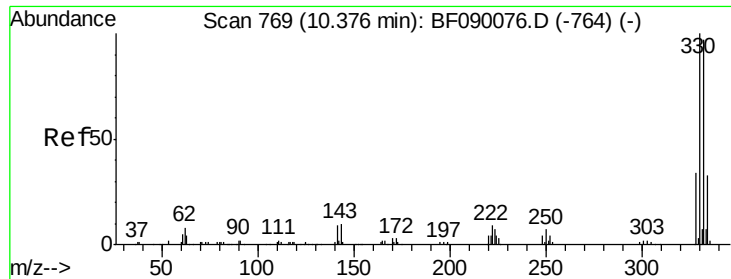
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF090110.D
 Acq: 16 Sep 2016 17:03

Tgt Ion	164	Resp	384525
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.1	81.4	122.2
160	43.7	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

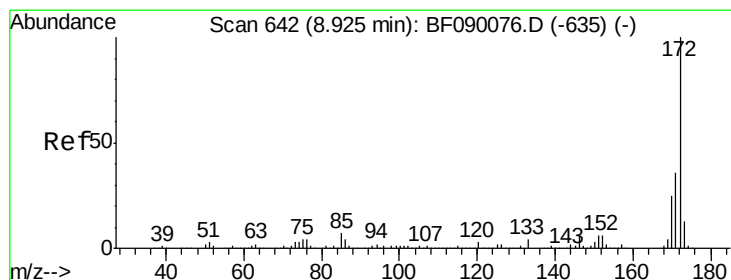
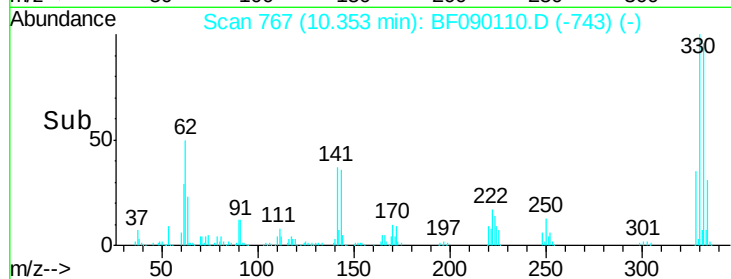
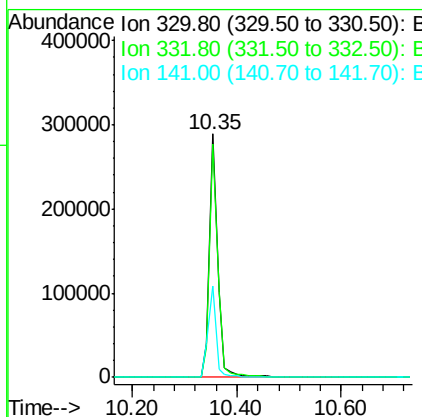
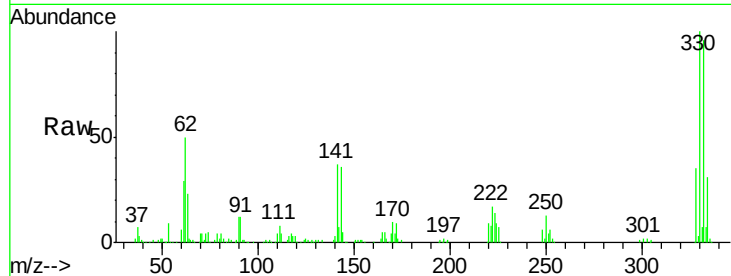




#41
 2,4,6-Tribromophenol
 Concen: 83.18 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090110.D
 Acq: 16 Sep 2016 17:03

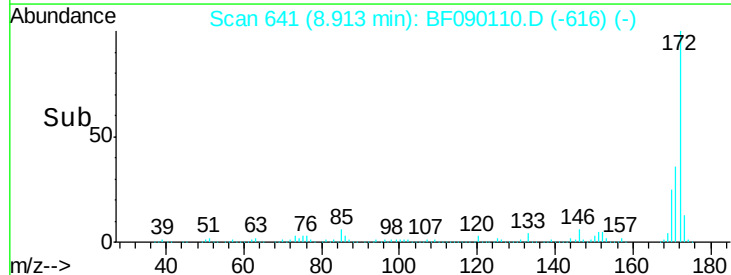
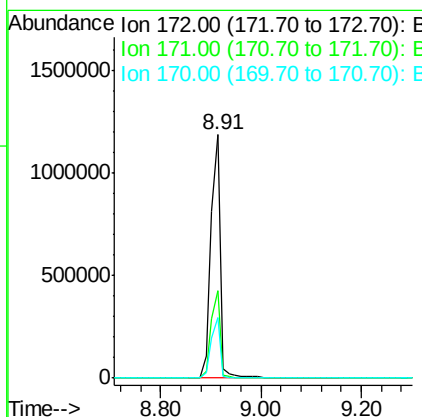
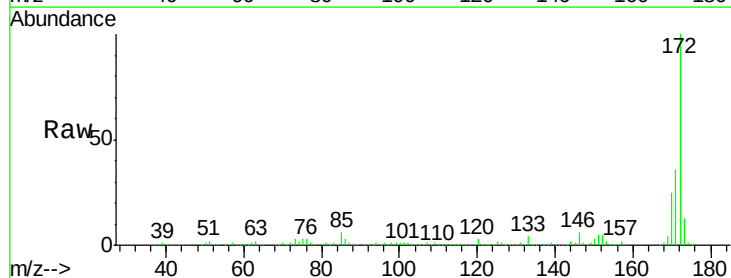
Instrument :
 BNA_F
 ClientSampleId :
 WM-184(6-10)

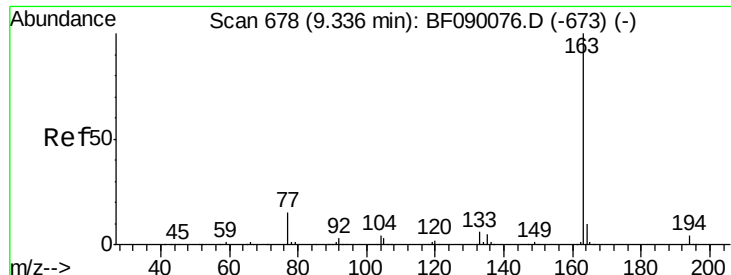
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	35.9	23.9	35.9#



#44
 2-Fluorobiphenyl
 Concen: 63.19 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090110.D
 Acq: 16 Sep 2016 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.6	19.8	29.8





#49

Dimethylphthalate

Concen: 23.99 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

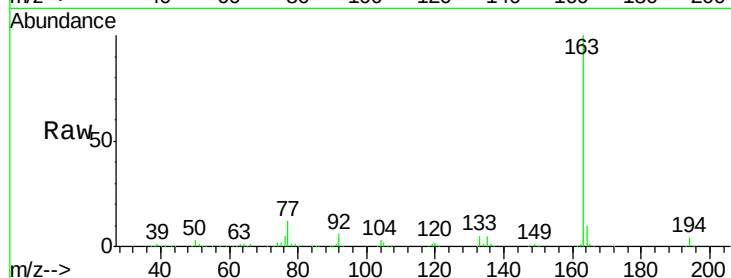
Tot Ion:163 Resp: 685036

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

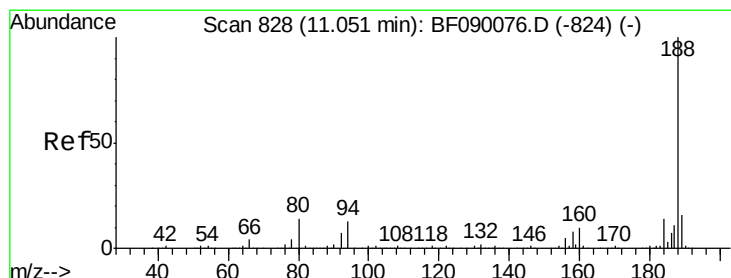
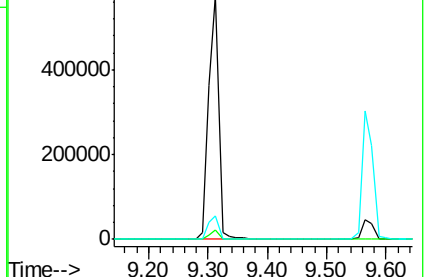
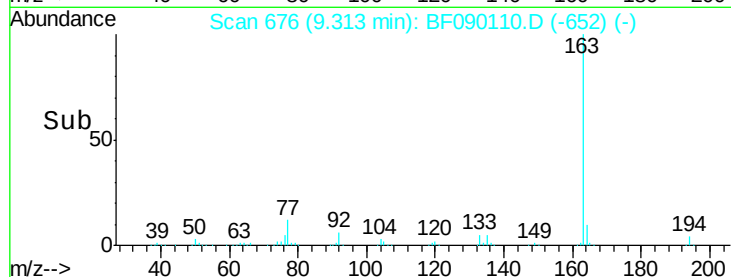
164 9.8 8.1 12.1



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: 11.04 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

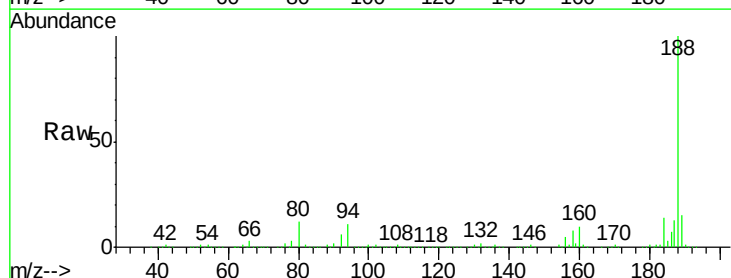
Tgt Ion:188 Resp: 627304

Ion Ratio Lower Upper

188 100

94 11.4 10.5 15.7

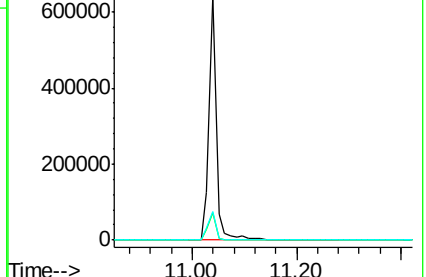
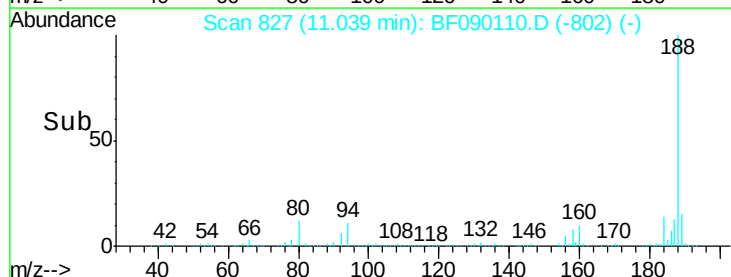
80 11.6 11.2 16.8

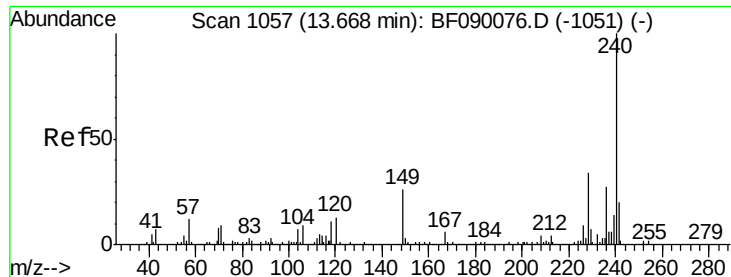


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

Instrument :

BNA_F

ClientSampleId :

WM-184(6-10)

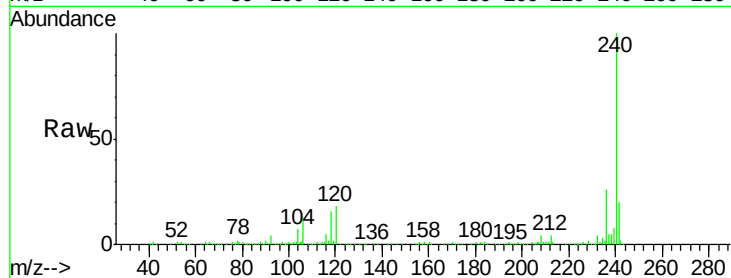
Tot Ion:240 Resp: 456175

Ion Ratio Lower Upper

240 100

120 18.2 10.6 16.0#

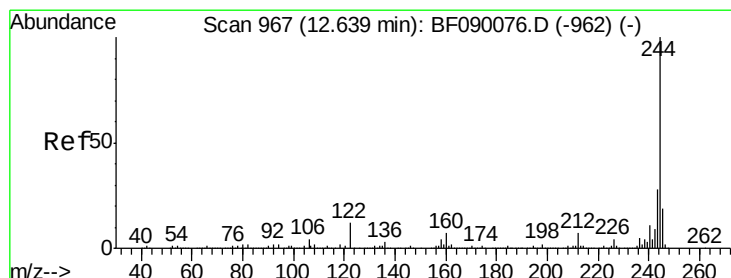
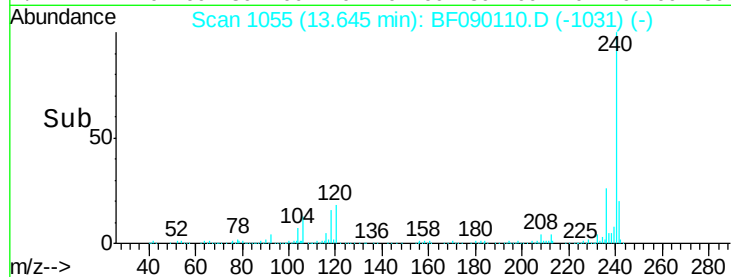
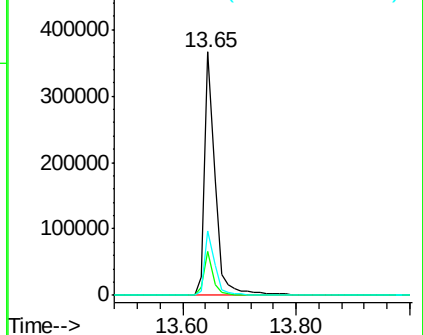
236 26.2 21.6 32.4



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: 64.79 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090110.D

Acq: 16 Sep 2016 17:03

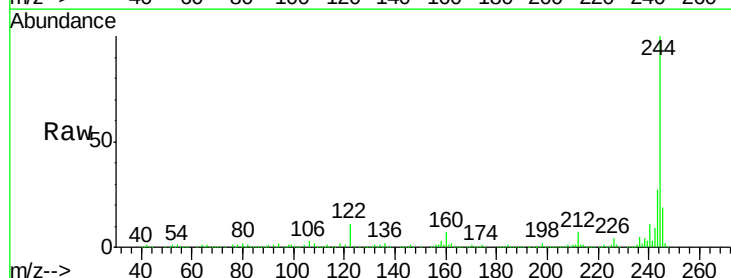
Tgt Ion:244 Resp: 1244652

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

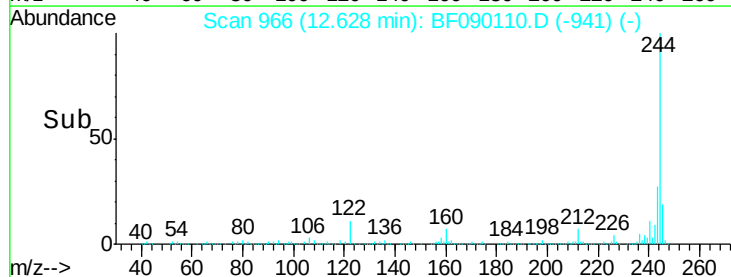
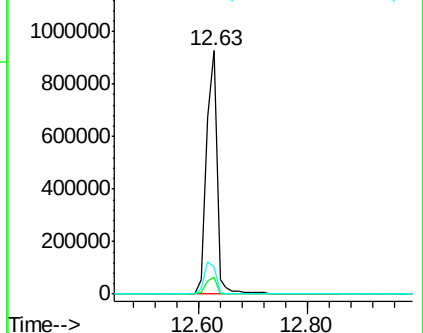
122 11.0 9.4 14.0

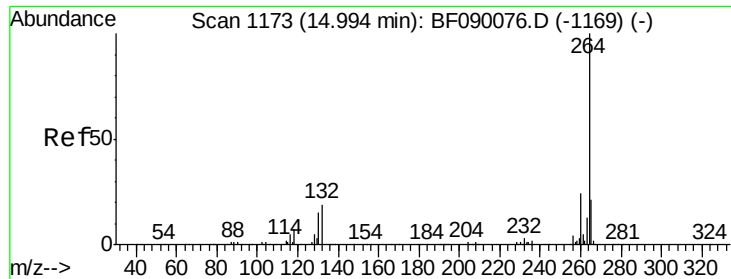


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.97 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF090110.D
 Acq: 16 Sep 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 WM-184(6-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.0	25.4

