

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090978.D
 Acq On : 2 Nov 2016 14:35
 Operator : UM/SJ
 Sample : H5491-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-68-6.4-9

Quant Time: Nov 03 00:36:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

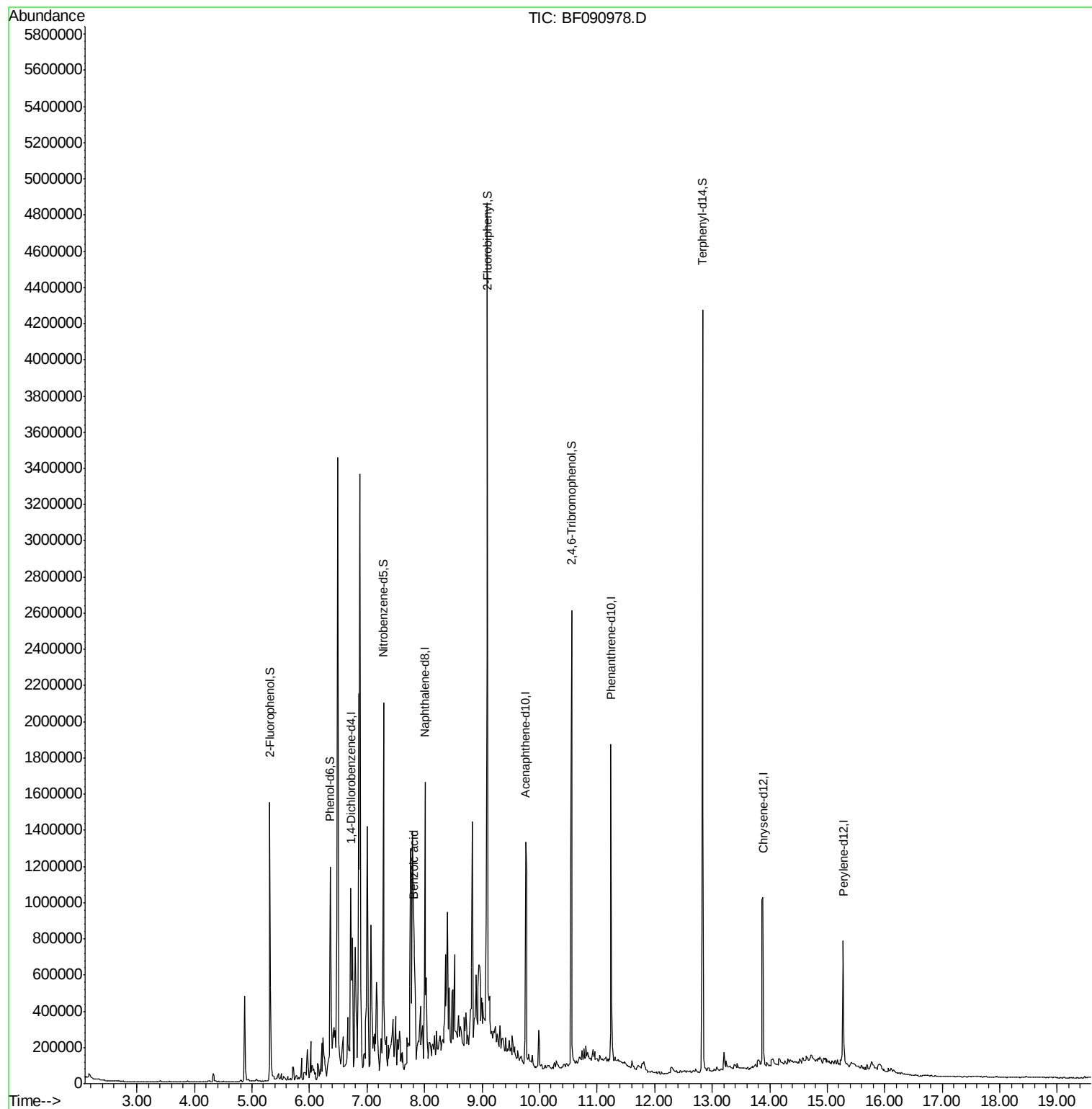
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167524	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	727059	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	389444	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	653431	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	502427	20.00	ng	-0.02
86) Perylene-d12	15.28	264	354666	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	502043	52.40	ng	-0.02
7) Phenol-d6	6.36	99	427963	33.11	ng	-0.03
23) Nitrobenzene-d5	7.29	82	828775	74.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	458702	114.61	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1764214	79.55	ng	-0.02
78) Terphenyl-d14	12.83	244	1589309	79.69	ng	-0.02
Target Compounds						
32) Benzoic acid	7.81	122	150127	20.29	ng	Qvalue # 66

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Instrument :

BNA_F

ClientSampleId :

GW-68-6.4-9

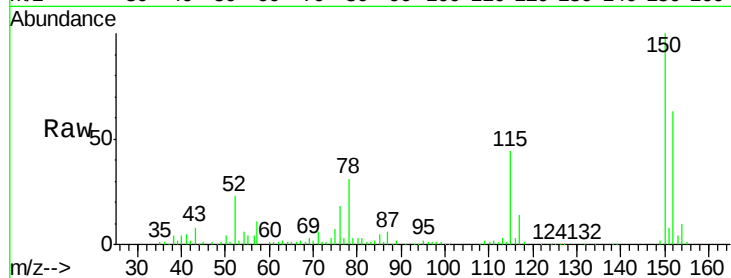
Tgt Ion:152 Resp: 167524

Ion Ratio Lower Upper

152 100

150 157.8 124.7 187.1

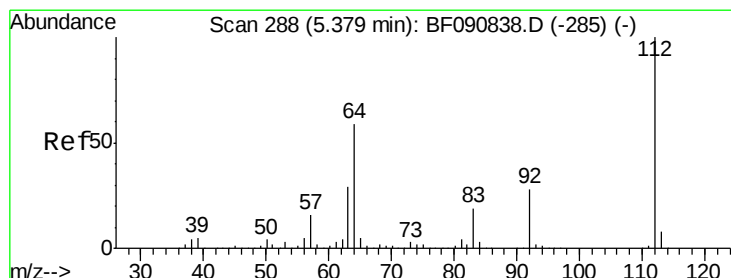
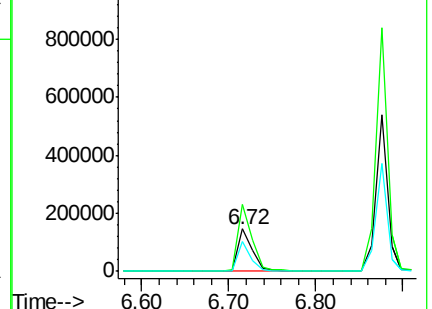
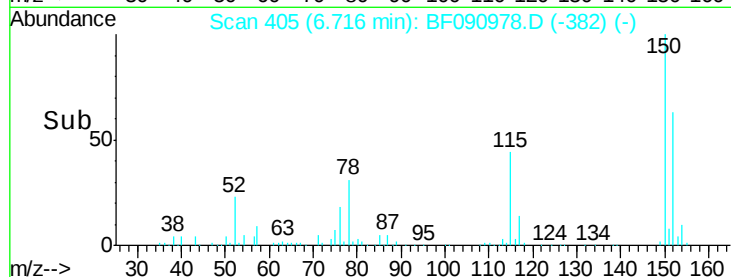
115 69.7 39.0 58.4#



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: 52.40 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.02 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

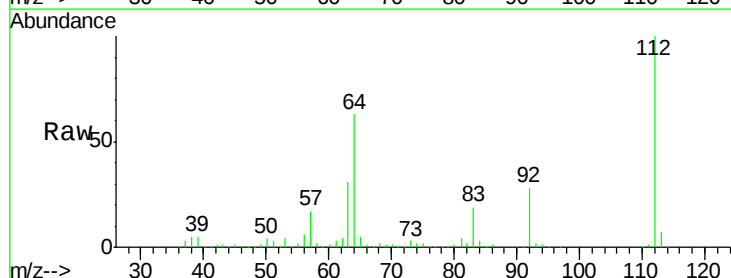
Tgt Ion:112 Resp: 502043

Ion Ratio Lower Upper

112 100

64 63.2 39.7 59.5#

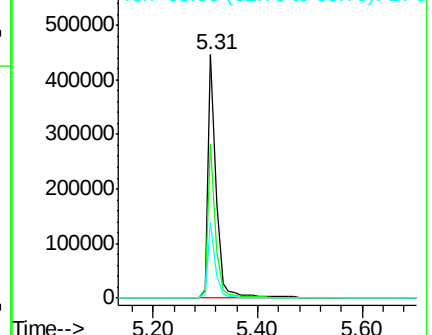
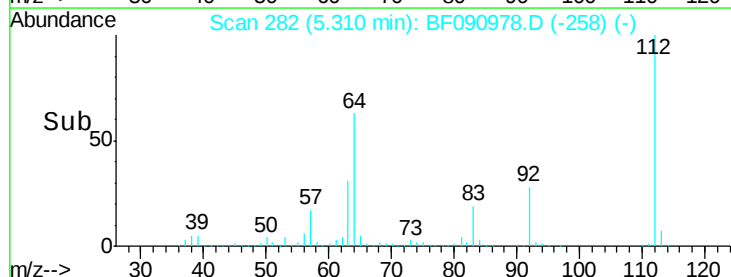
63 31.1 17.4 26.0#



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: 33.11 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Instrument :

BNA_F

ClientSampleId :

GW-68-6.4-9

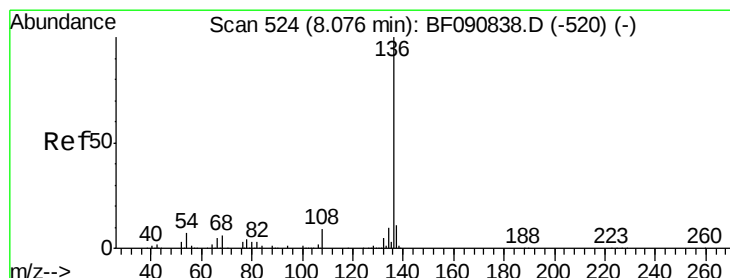
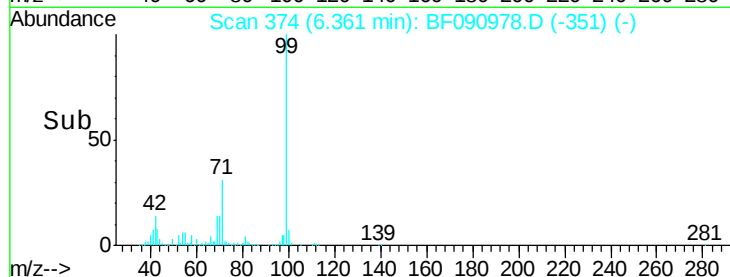
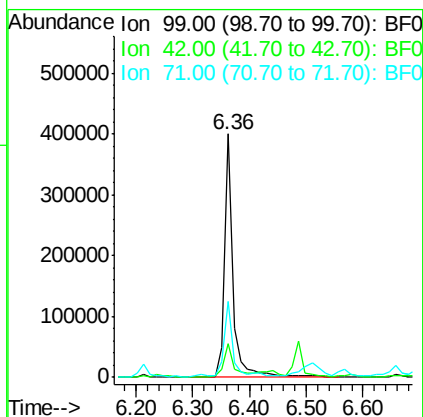
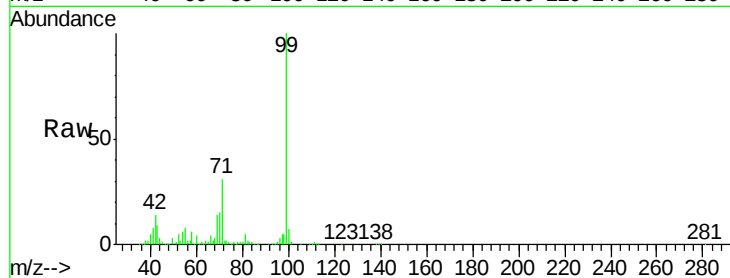
Tgt Ion: 99 Resp: 427963

Ion Ratio Lower Upper

99 100

42 13.8 13.7 20.5

71 31.0 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Tgt Ion: 136 Resp: 727059

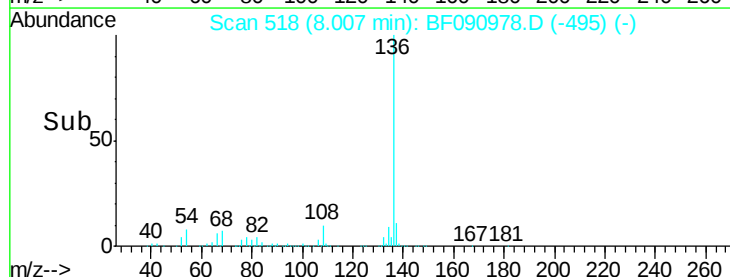
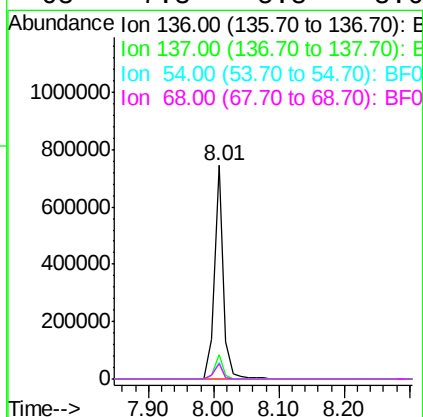
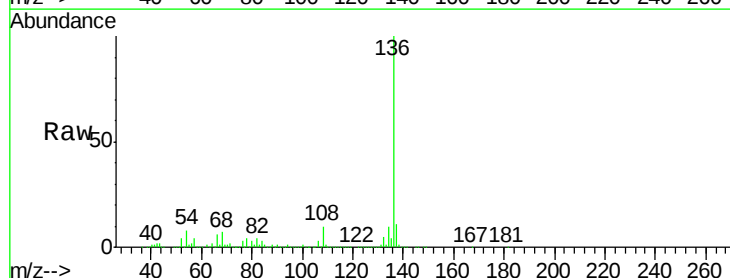
Ion Ratio Lower Upper

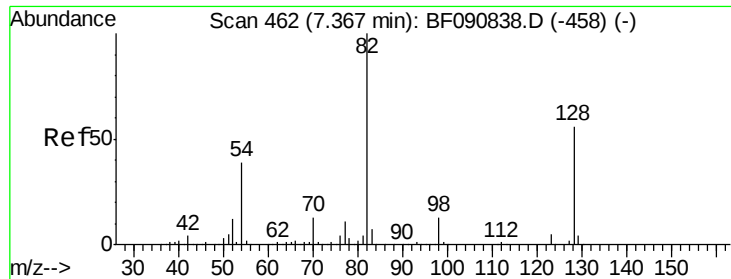
136 100

137 11.4 9.0 13.6

54 7.9 8.2 12.2#

68 7.3 5.8 8.6

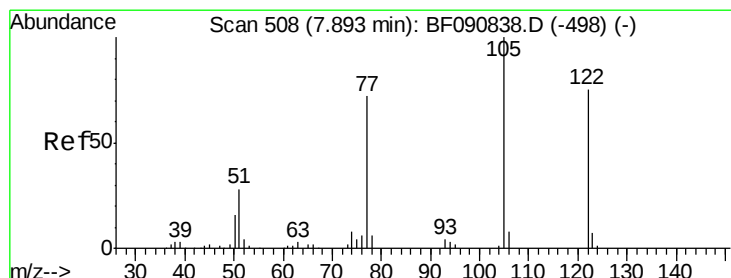
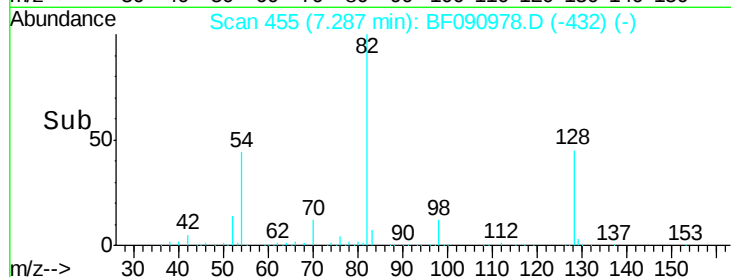
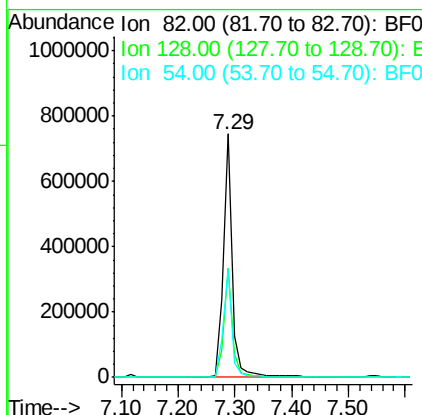
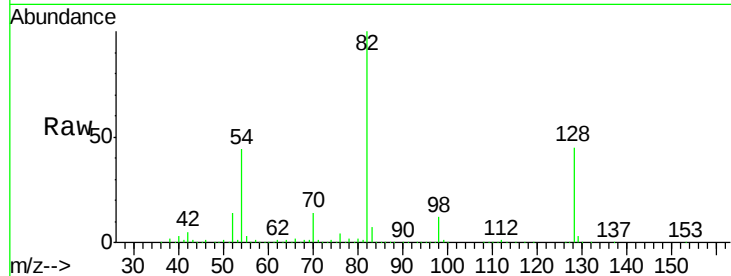




#23
 Nitrobenzene-d5
 Concen: 74.62 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090978.D
 Acq: 2 Nov 2016 14:35

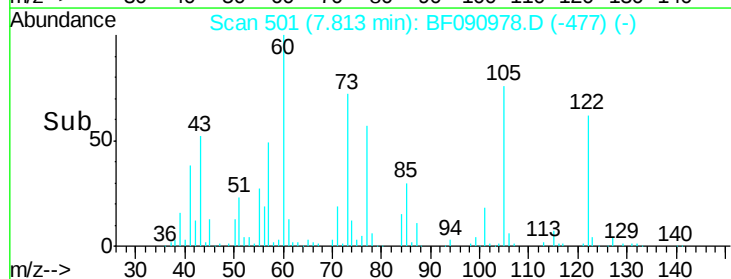
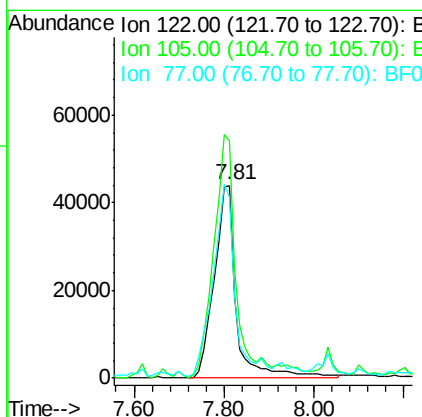
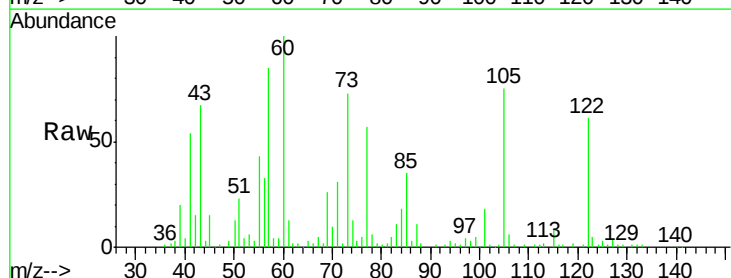
Instrument :
 BNA_F
 ClientSampleId :
 GW-68-6.4-9

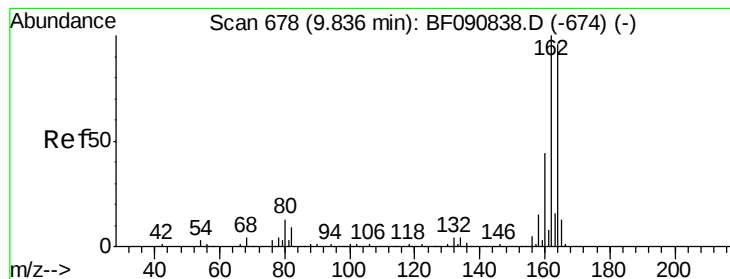
Tgt Ion: 82 Resp: 828775
 Ion Ratio Lower Upper
 82 100
 128 45.1 51.0 76.6#
 54 44.1 47.5 71.3#



#32
 Benzoic acid
 Concen: 20.29 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: BF090978.D
 Acq: 2 Nov 2016 14:35

Tgt Ion: 122 Resp: 150127
 Ion Ratio Lower Upper
 122 100
 105 123.2 76.1 116.1#
 77 93.9 40.5 80.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Instrument :

BNA_F

ClientSampleId :

GW-68-6.4-9

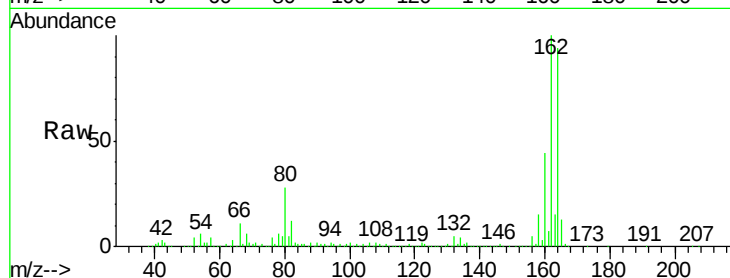
Tgt Ion:164 Resp: 389444

Ion Ratio Lower Upper

164 100

162 106.7 75.2 112.8

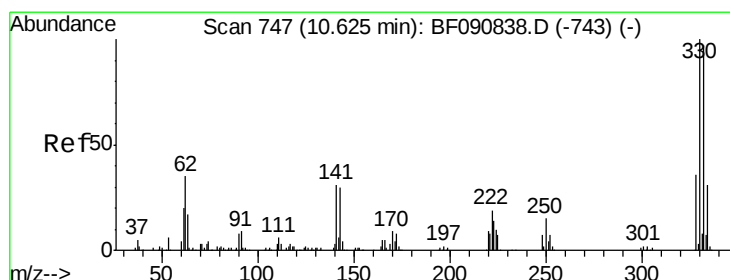
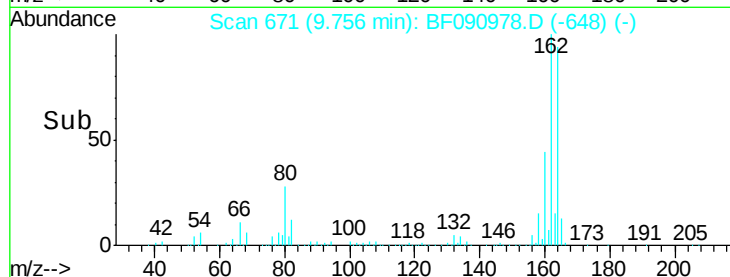
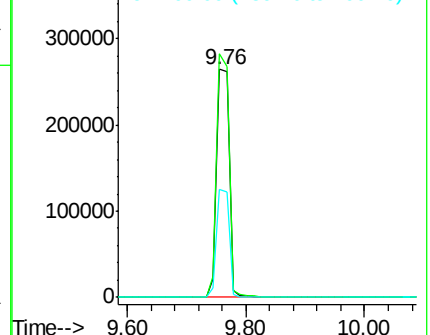
160 47.1 31.5 47.3



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: 114.61 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

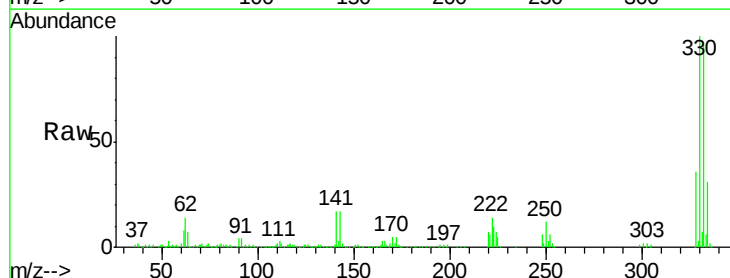
Tgt Ion:330 Resp: 458702

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

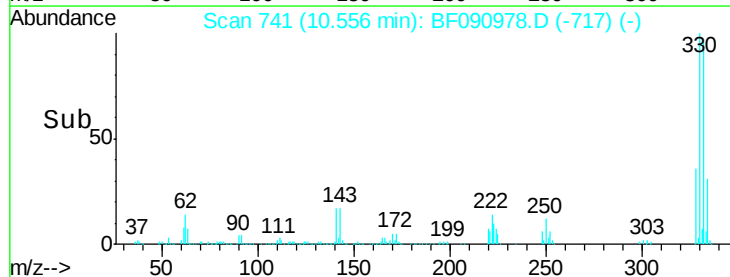
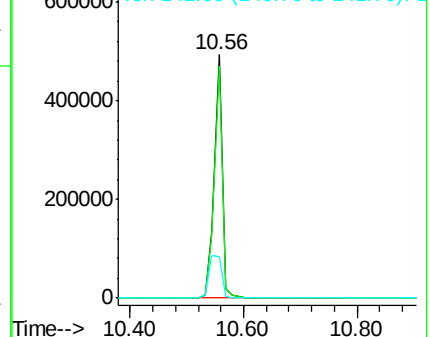
141 27.7 29.7 44.5#

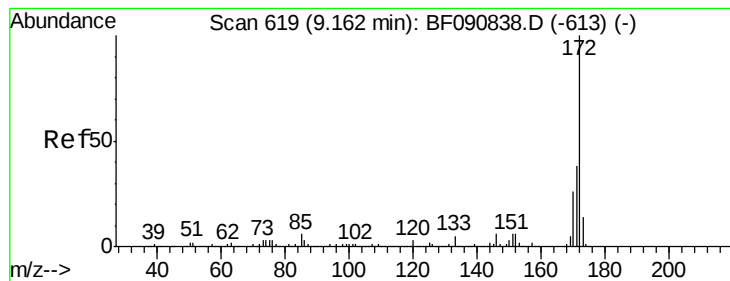


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.55 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Instrument :

BNA_F

ClientSampleId :

GW-68-6.4-9

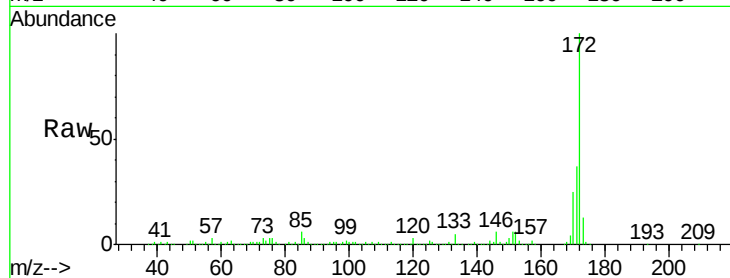
Tgt Ion:172 Resp: 1764214

Ion Ratio Lower Upper

172 100

171 36.9 26.1 39.1

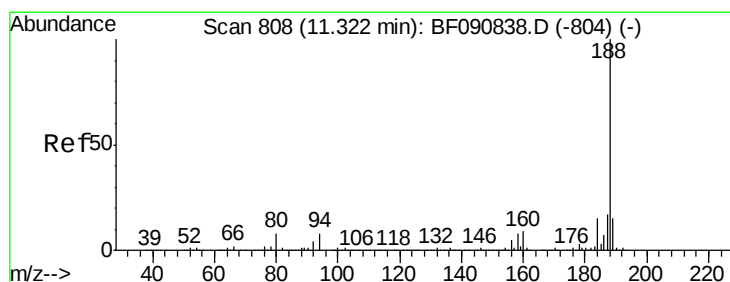
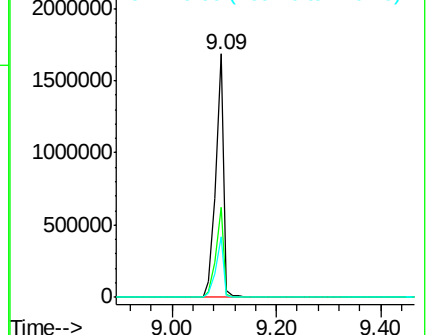
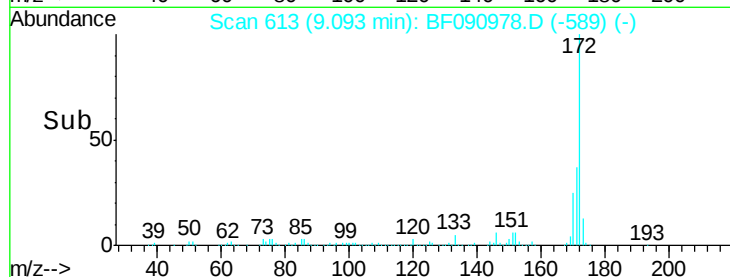
170 25.0 17.4 26.2



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: 11.24 min Scan# 801

Delta R.T. -0.02 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

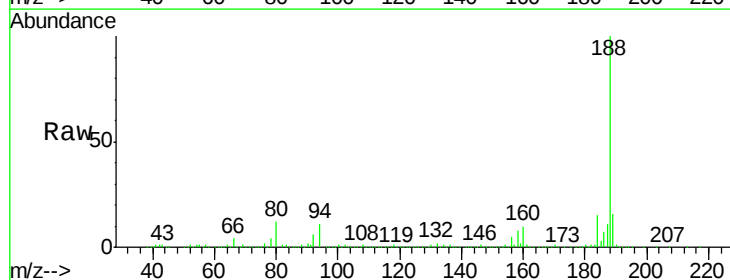
Tgt Ion:188 Resp: 653431

Ion Ratio Lower Upper

188 100

94 11.1 11.1 16.7

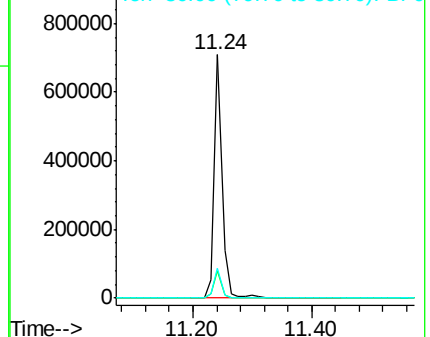
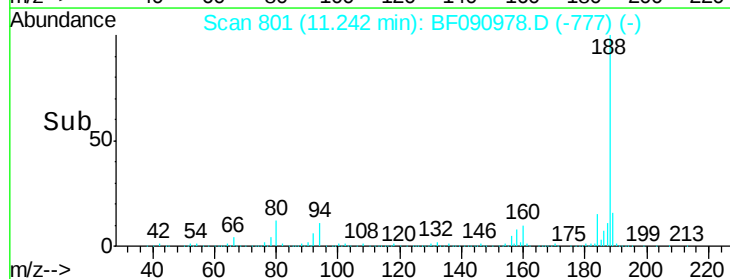
80 12.0 11.0 16.4

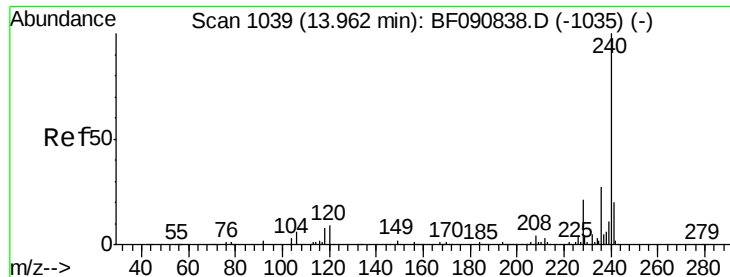


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

Instrument :

BNA_F

ClientSampleId :

GW-68-6.4-9

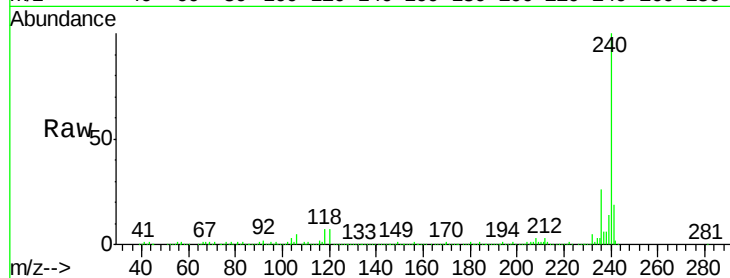
Tgt Ion:240 Resp: 502427

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

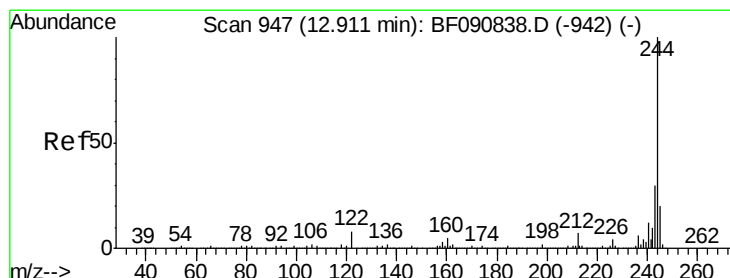
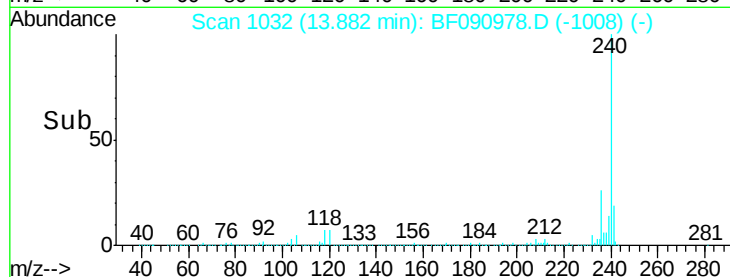
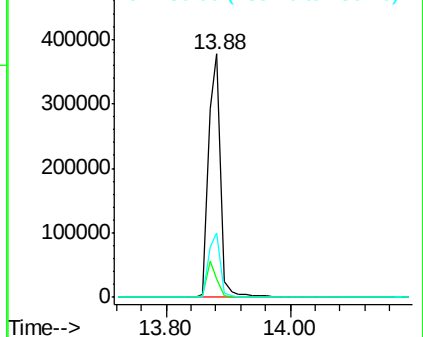
236 26.2 18.4 27.6



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: 79.69 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090978.D

Acq: 2 Nov 2016 14:35

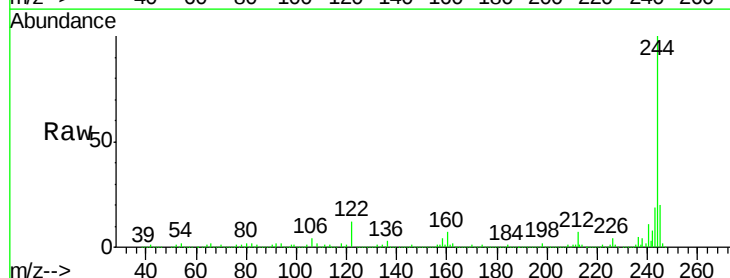
Tgt Ion:244 Resp: 1589309

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

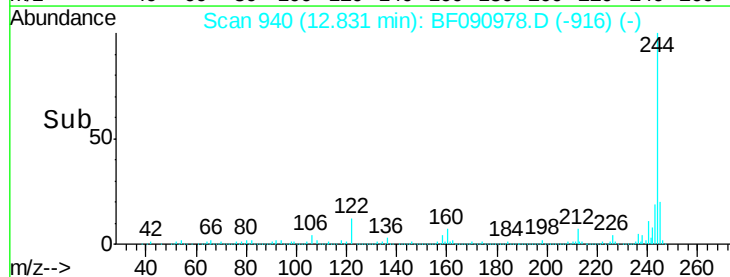
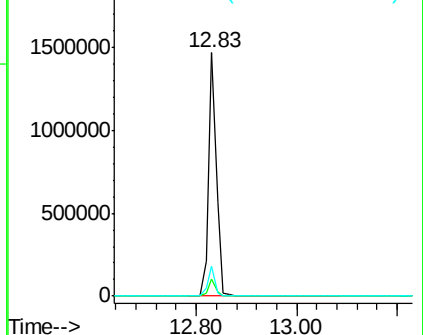
122 12.3 17.4 26.2#

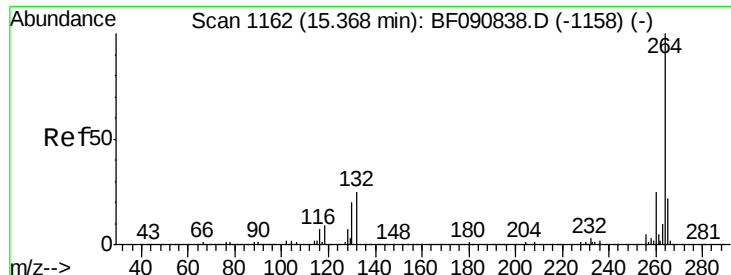


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

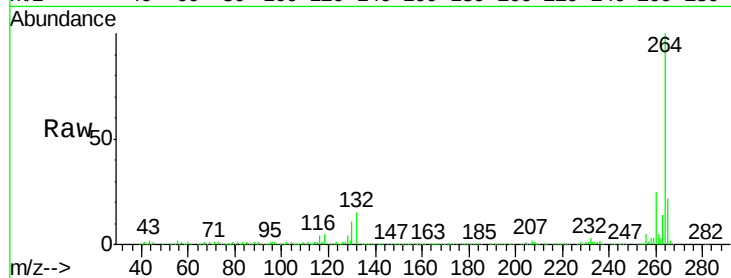




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090978.D
Acq: 2 Nov 2016 14:35

Instrument :
BNA_F
ClientSampleId :
GW-68-6.4-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

