

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090981.D
 Acq On : 2 Nov 2016 15:57
 Operator : UM/SJ
 Sample : H5491-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-74-8.3-15.0

Quant Time: Nov 03 00:54:44 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

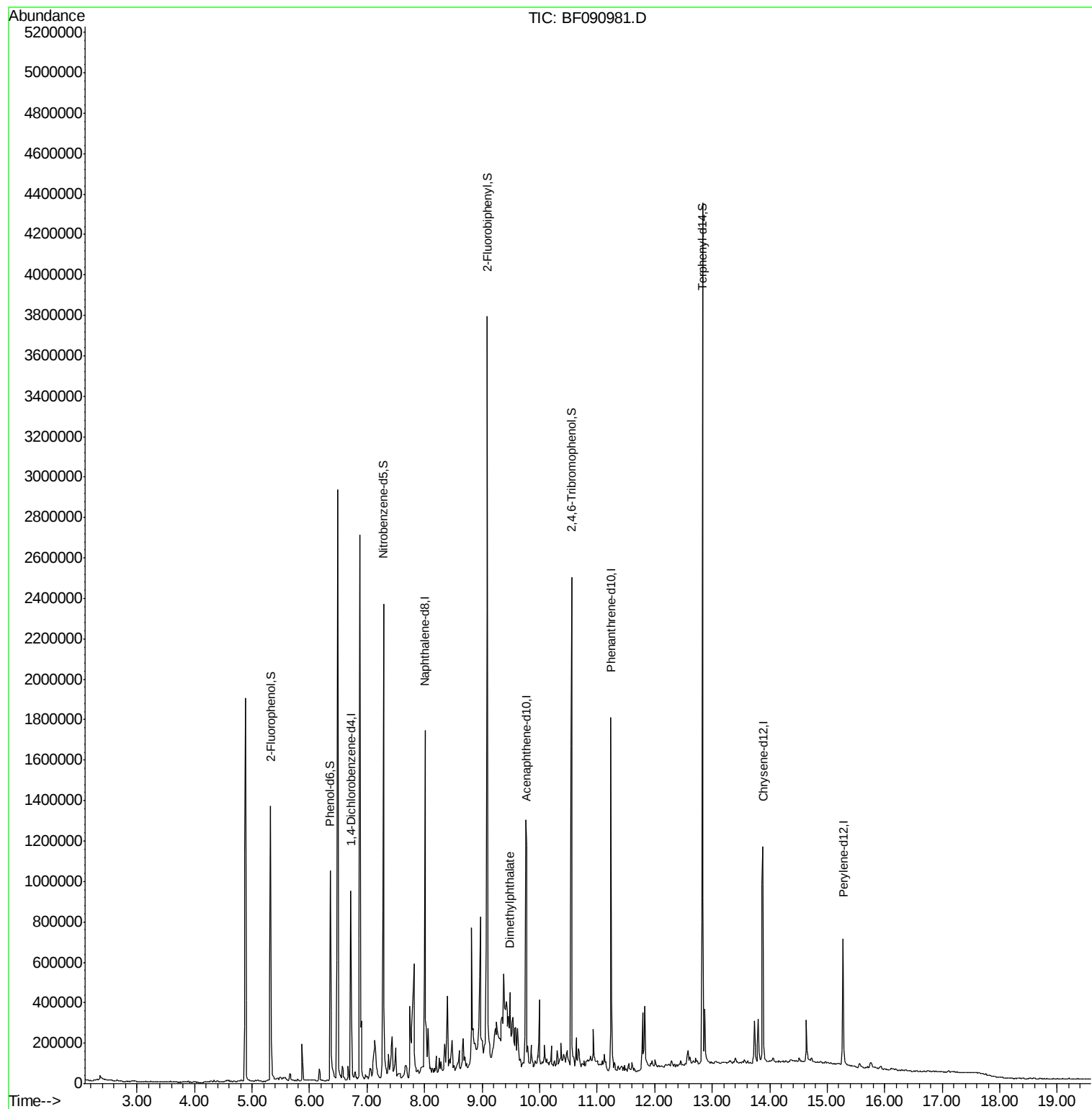
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162473	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	765564	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	388347	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	652162	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	501035	20.00	ng	-0.02
86) Perylene-d12	15.28	264	330822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	464627	50.00	ng	-0.01
7) Phenol-d6	6.36	99	407783	32.53	ng	-0.03
23) Nitrobenzene-d5	7.29	82	909972	77.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	437205	109.55	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1555383	70.33	ng	-0.02
78) Terphenyl-d14	12.83	244	1319519	66.35	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.48	163	75975	2.93	ng	Qvalue # 94

(#) = 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: BF090981.D

Acq: 2 Nov 2016 15:57

Instrument :

BNA_F

ClientSampleId :

GW-74-8.3-15.0

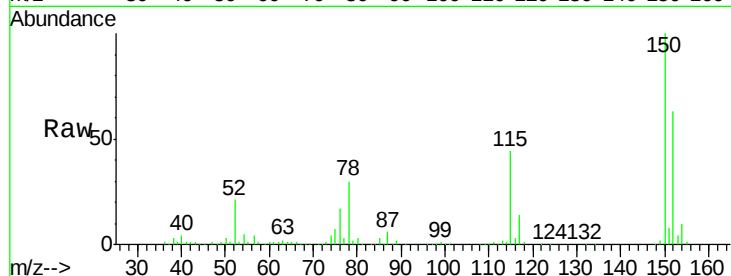
Tgt Ion:152 Resp: 162473

Ion Ratio Lower Upper

152 100

150 158.2 124.7 187.1

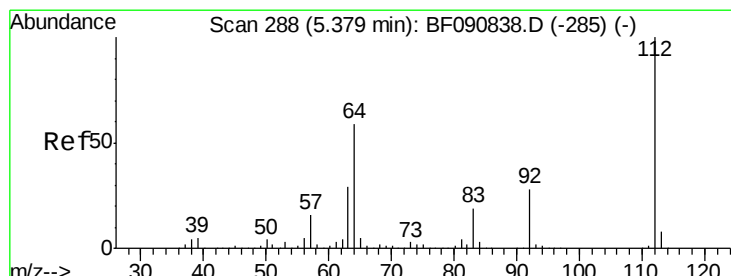
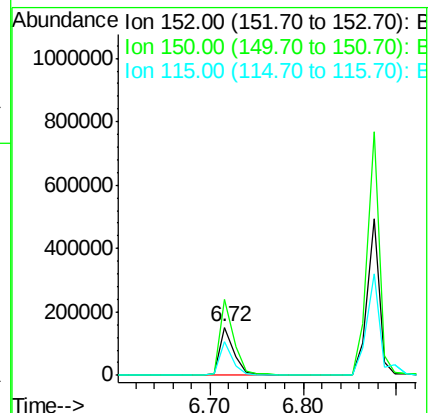
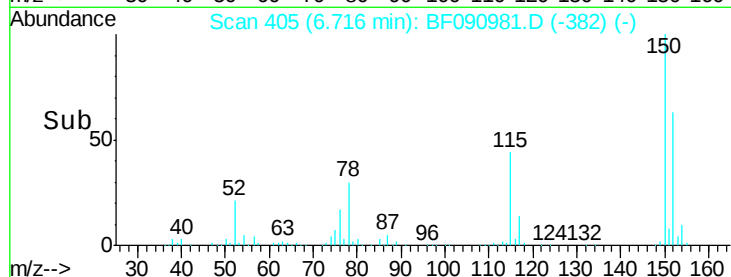
115 70.0 39.0 58.4#



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: 50.00 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090981.D

Acq: 2 Nov 2016 15:57

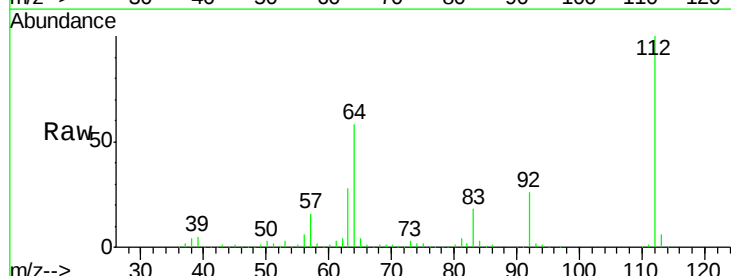
Tgt Ion:112 Resp: 464627

Ion Ratio Lower Upper

112 100

64 57.6 39.7 59.5

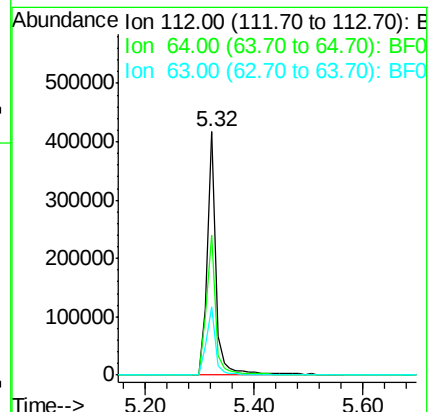
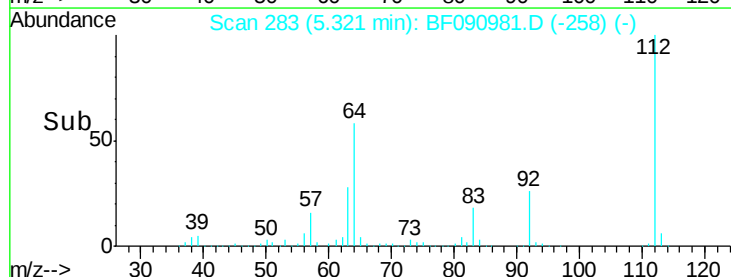
63 28.1 17.4 26.0#



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: 32.53 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF090981.D

Acq: 2 Nov 2016 15:57

Instrument :

BNA_F

ClientSampleId :

GW-74-8.3-15.0

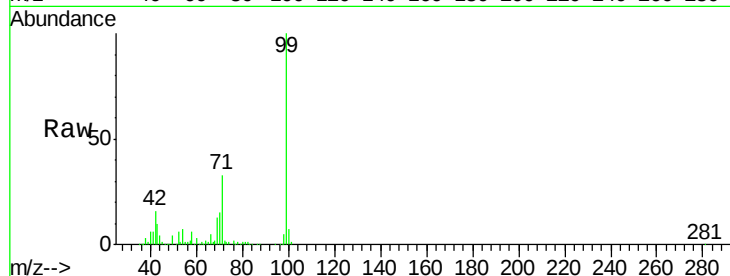
Tgt Ion: 99 Resp: 407783

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

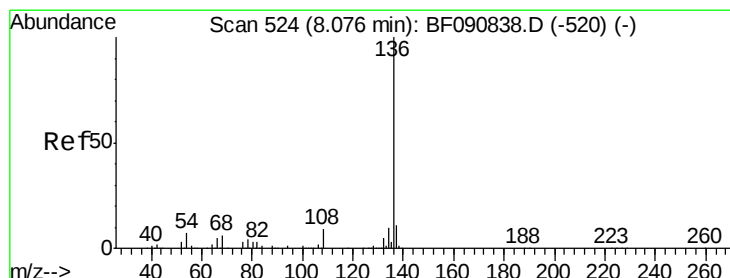
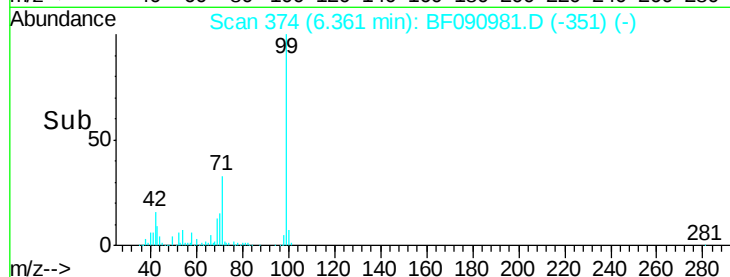
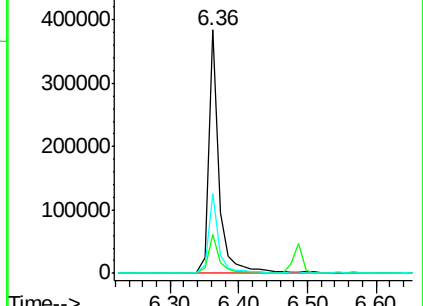
71 32.6 14.2 21.2#



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: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090981.D

Acq: 2 Nov 2016 15:57

Tgt Ion: 136 Resp: 765564

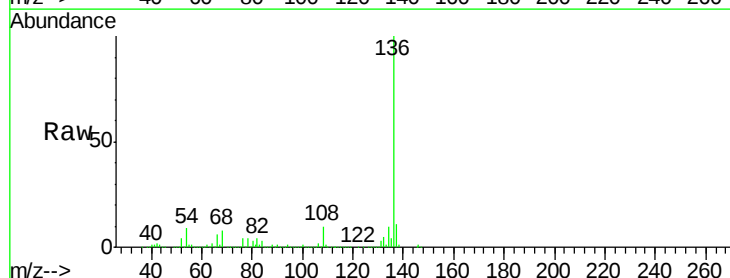
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.5 8.2 12.2

68 7.5 5.8 8.6

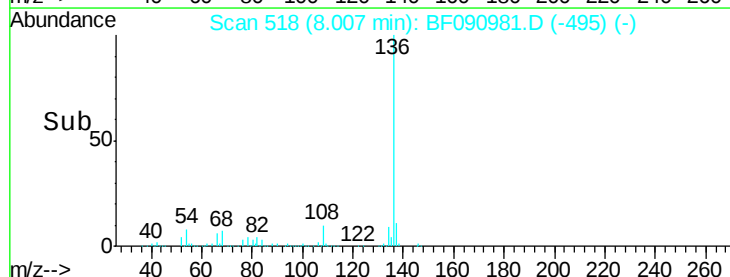
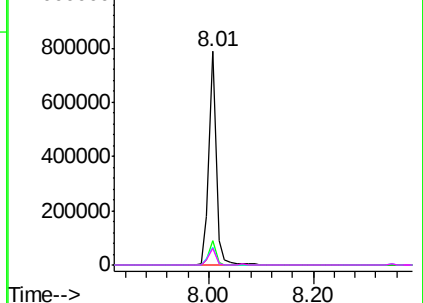


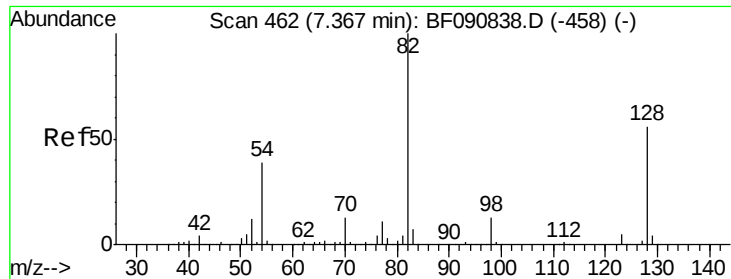
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

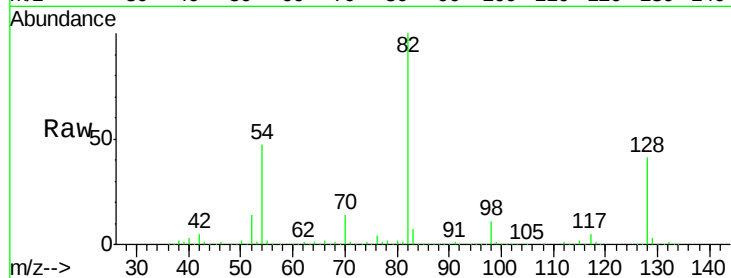




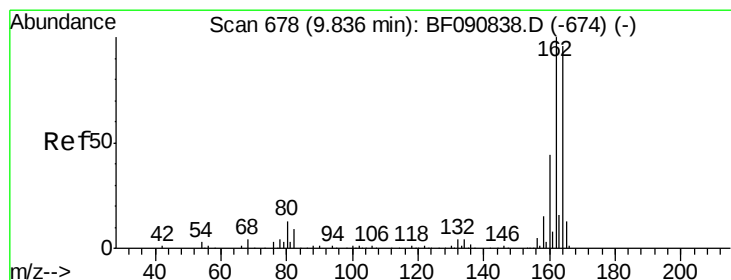
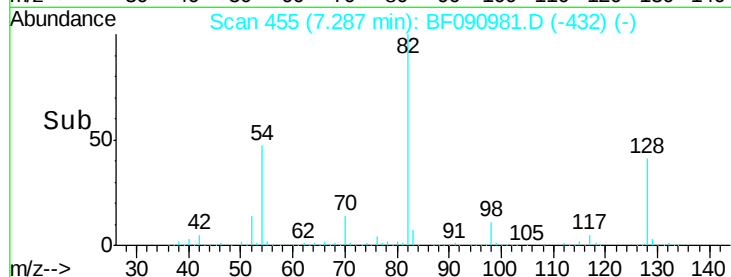
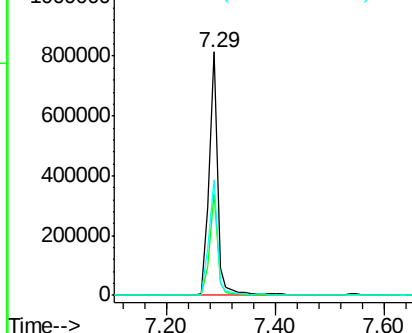
#23
 Nitrobenzene-d5
 Concen: 77.81 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090981.D
 Acq: 2 Nov 2016 15:57

Instrument :
 BNA_F
 ClientSampleId :
 GW-74-8.3-15.0

Tgt Ion: 82 Resp: 909972
 Ion Ratio Lower Upper
 82 100
 128 41.5 51.0 76.6#
 54 47.3 47.5 71.3#

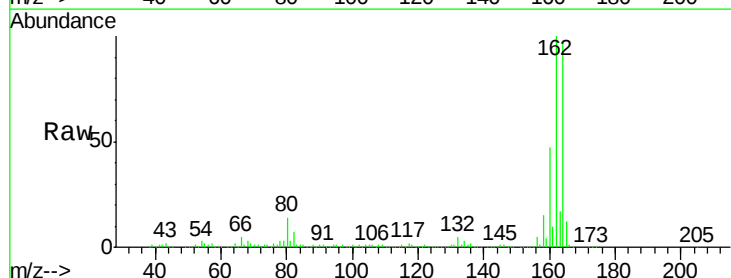


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

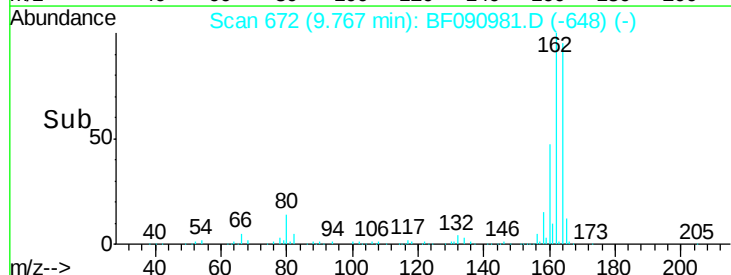
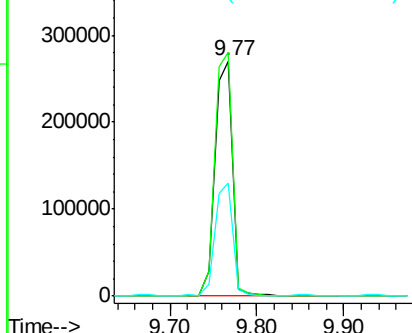


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF090981.D
 Acq: 2 Nov 2016 15:57

Tgt Ion: 164 Resp: 388347
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 48.2 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

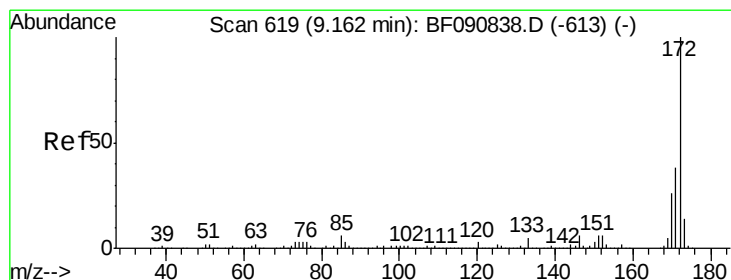
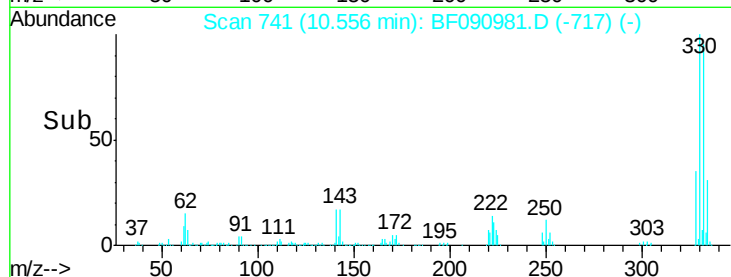
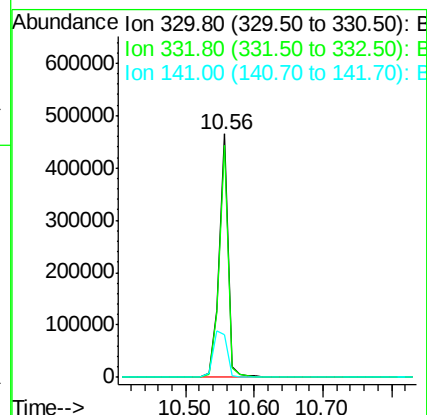
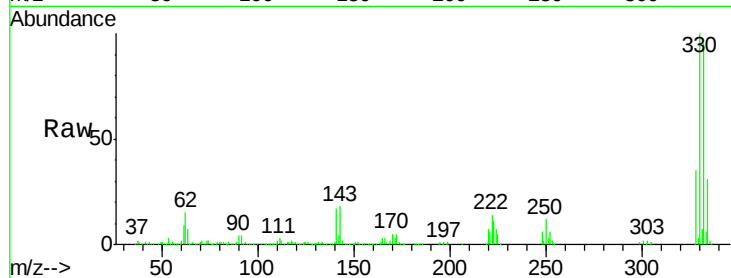




#41
 2,4,6-Tribromophenol
 Concen: 109.55 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090981.D
 Acq: 2 Nov 2016 15:57

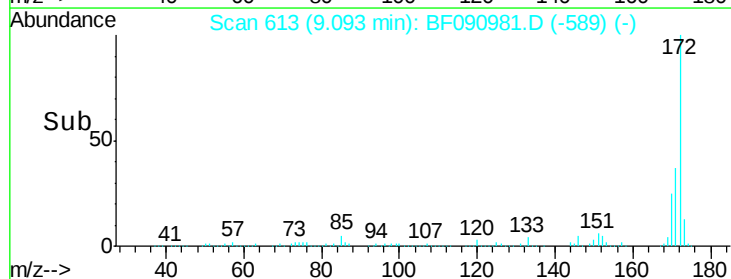
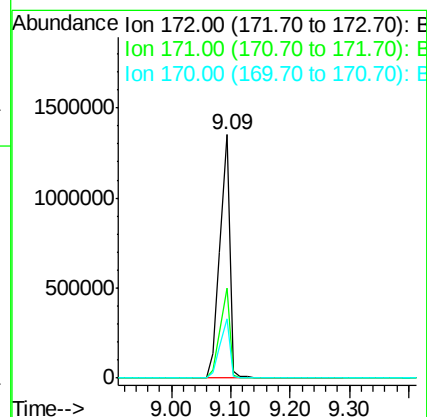
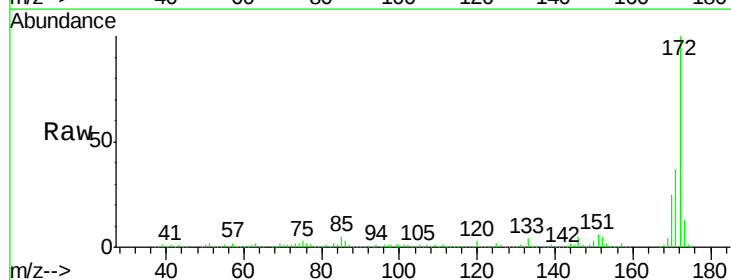
Instrument :
 BNA_F
 ClientSampleId :
 GW-74-8.3-15.0

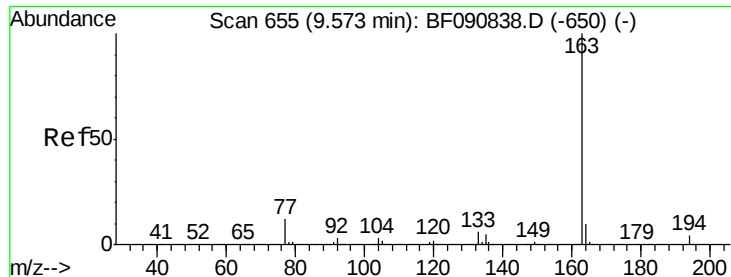
Tgt Ion:330 Resp: 437205
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 28.8 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 70.33 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090981.D
 Acq: 2 Nov 2016 15:57

Tgt Ion:172 Resp: 1555383
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.5 17.4 26.2

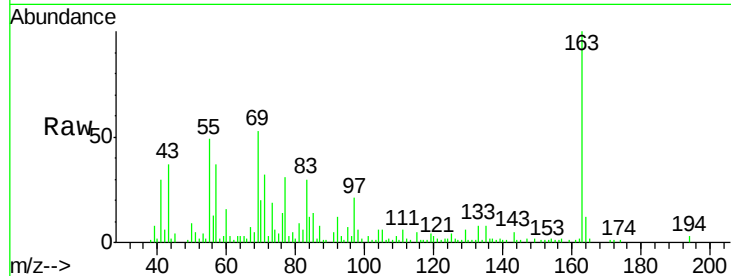




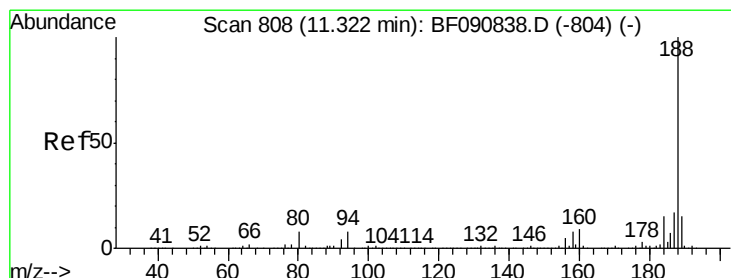
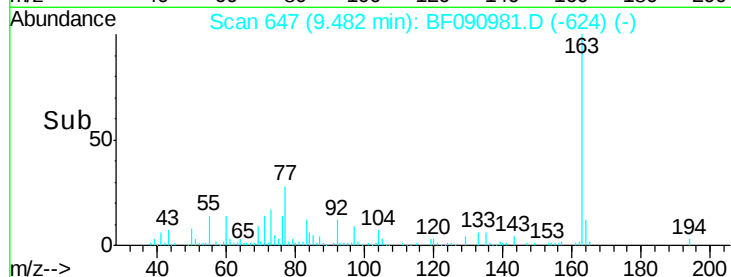
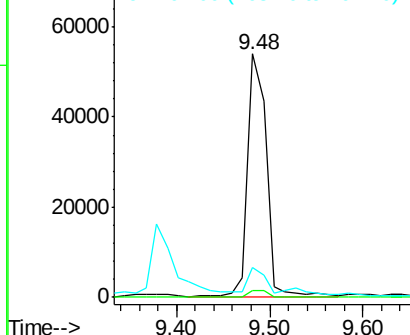
#49
Dimethylphthalate
Concen: 2.93 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

Instrument :
BNA_F
ClientSampleId :
GW-74-8.3-15.0

Tgt Ion:163 Resp: 75975
Ion Ratio Lower Upper
163 100
194 2.6 4.4 6.6#
164 12.1 8.3 12.5

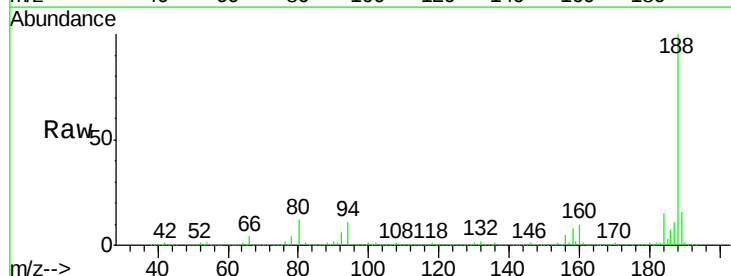


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

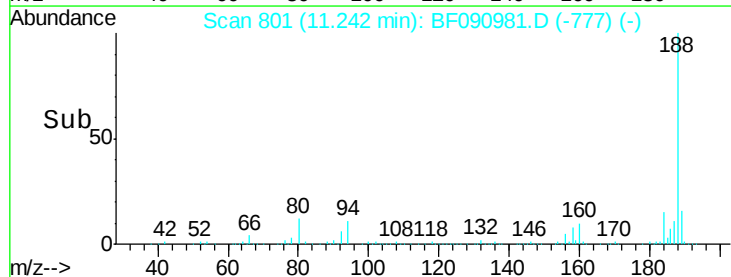
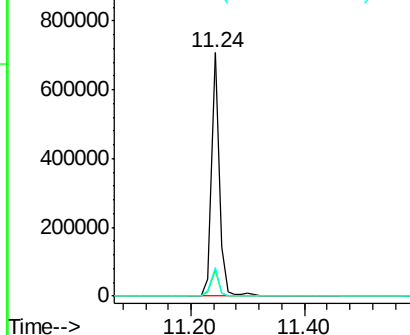


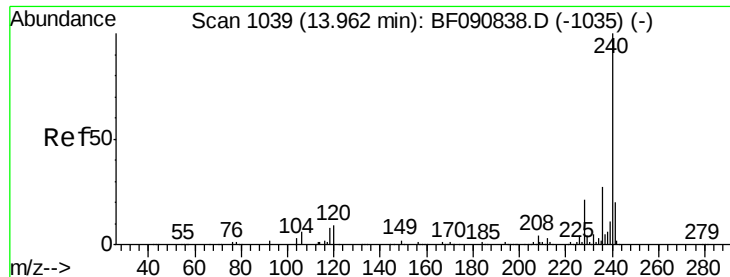
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

Tgt Ion:188 Resp: 652162
Ion Ratio Lower Upper
188 100
94 10.6 11.1 16.7#
80 11.7 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: BF090981.D

Acq: 2 Nov 2016 15:57

Instrument :

BNA_F

ClientSampleId :

GW-74-8.3-15.0

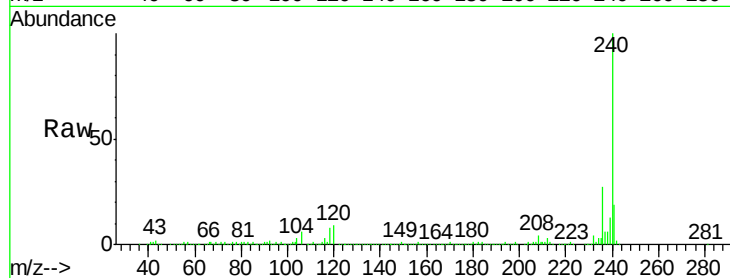
Tgt Ion:240 Resp: 501035

Ion Ratio Lower Upper

240 100

120 8.7 16.2 24.2#

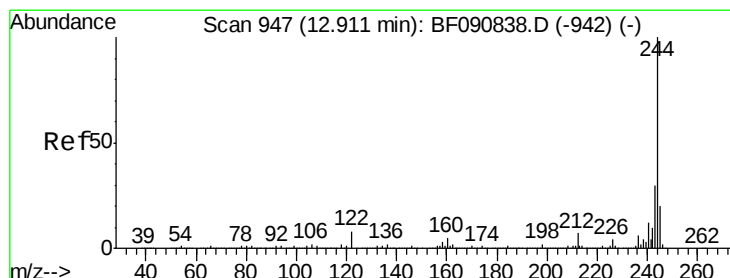
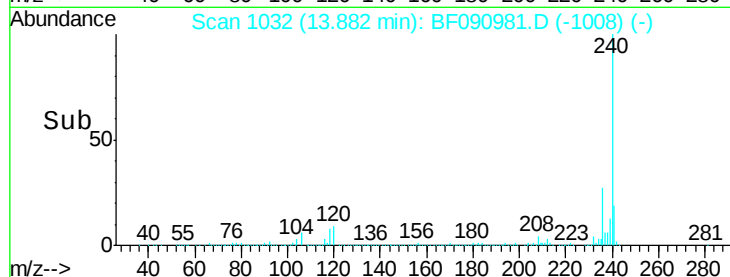
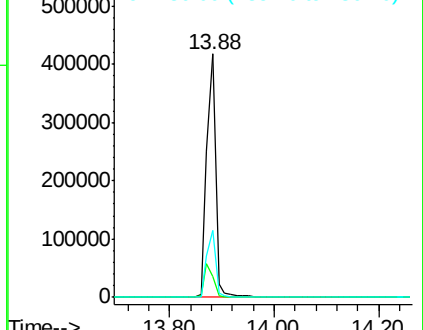
236 27.3 18.4 27.6



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: 66.35 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090981.D

Acq: 2 Nov 2016 15:57

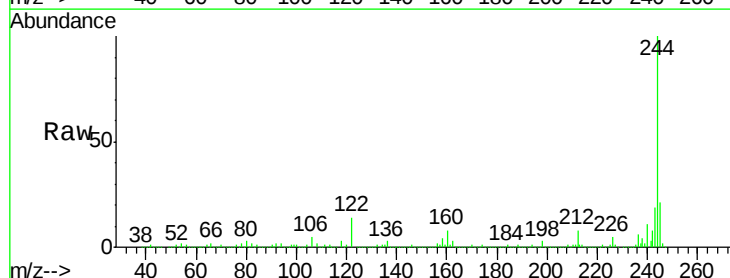
Tgt Ion:244 Resp: 1319519

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

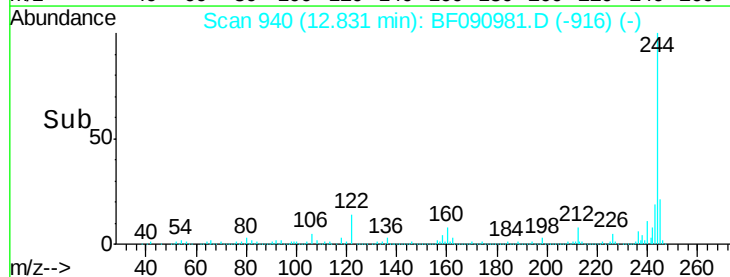
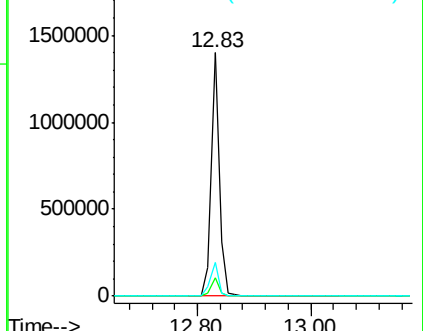
122 13.8 17.4 26.2#

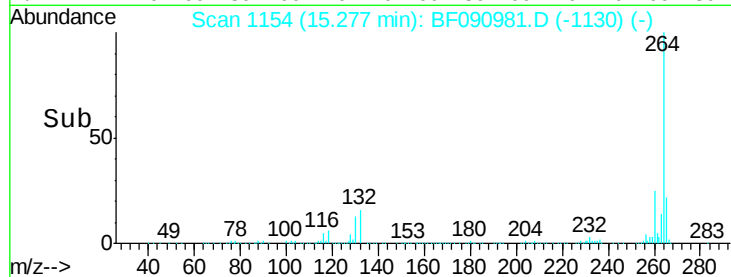
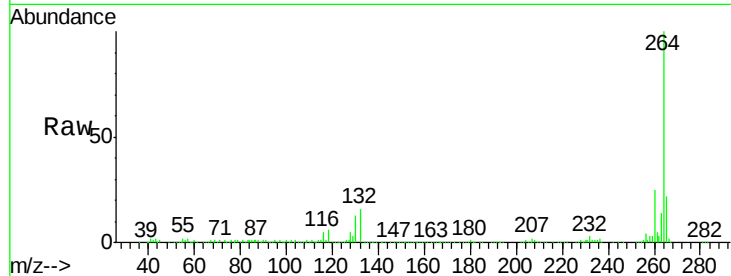
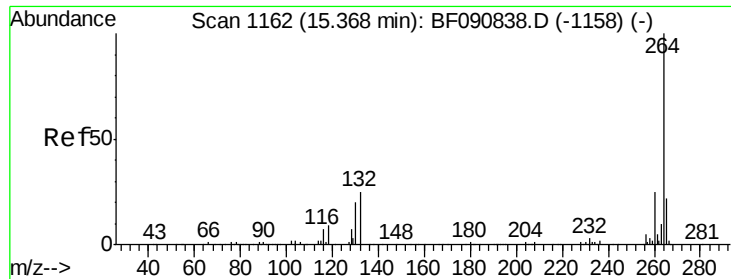


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090981.D

Acq: 2 Nov 2016 15:57

Instrument :

BNA_F

ClientSampleId :

GW-74-8.3-15.0

Tgt Ion: 264 Resp: 330822

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

265 21.8 17.2 25.8

