

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 02 23:10:22 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

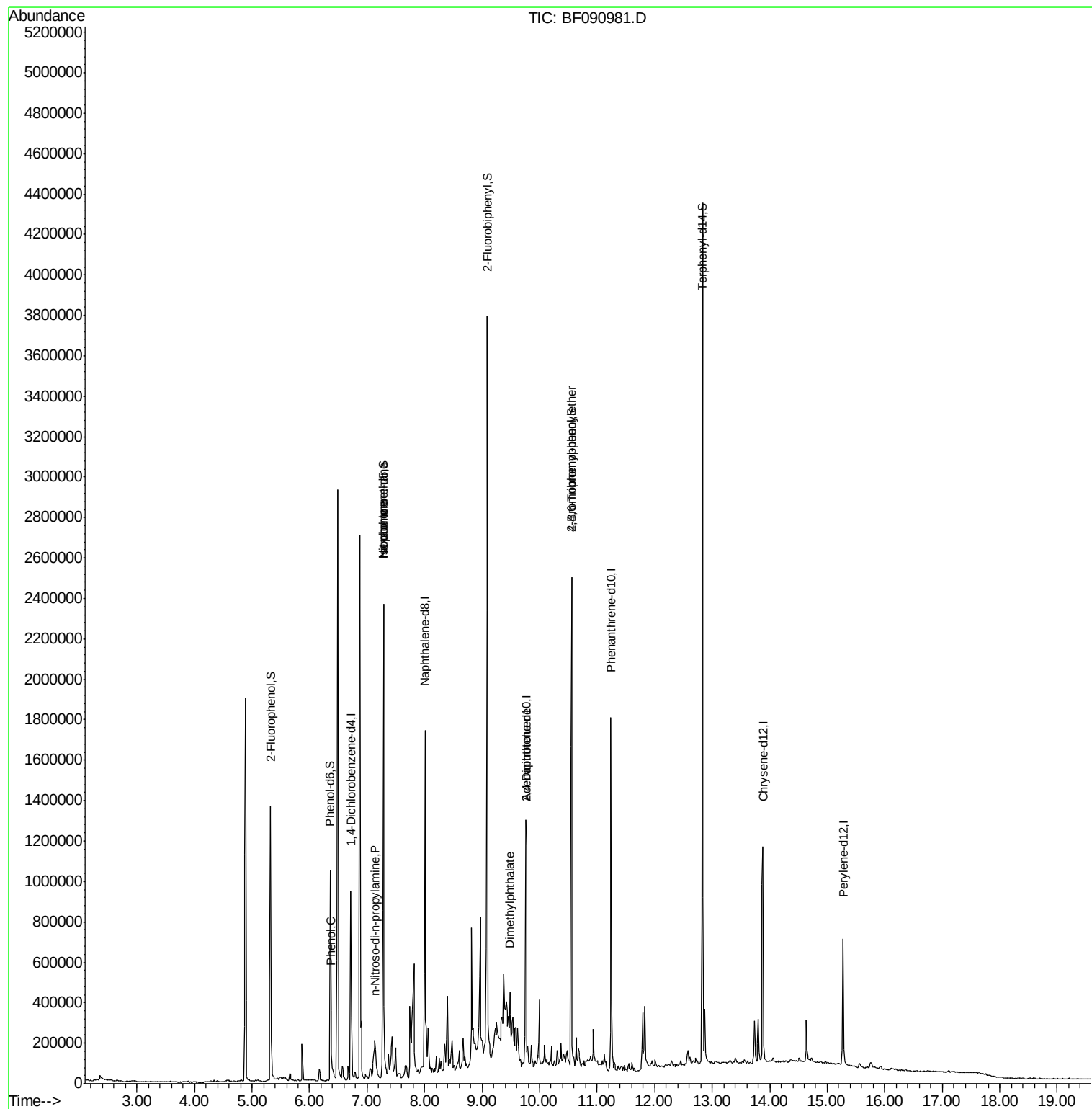
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162473	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	765564	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	388347	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	652162	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	501035	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						
10) Phenol	6.37	94	31819	2.30	ng	# 51
18) Hexachloroethane	7.29	117	61086	13.61	ng	# 6
19) n-Nitroso-di-n-propylamine	7.14	70	21702	2.99	ng	# 62
25) Isophorone	7.29	82	679277	28.62	ng	# 59
49) Dimethylphthalate	9.48	163	75975	2.93	ng	# 94
56) 2,4-Dinitrotoluene	9.77	165	51255	7.20	ng	# 35
66) 4-Bromophenyl-phenylether	10.56	248	28138	3.94	ng	# 1

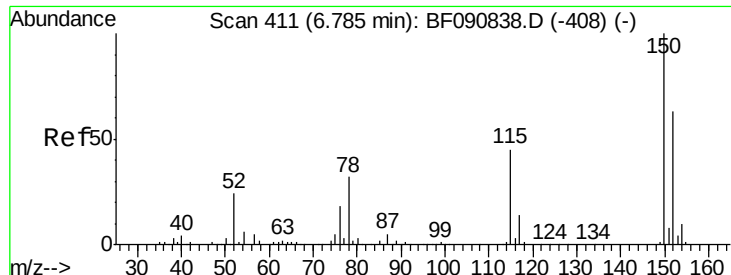
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 02 23:10:22 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



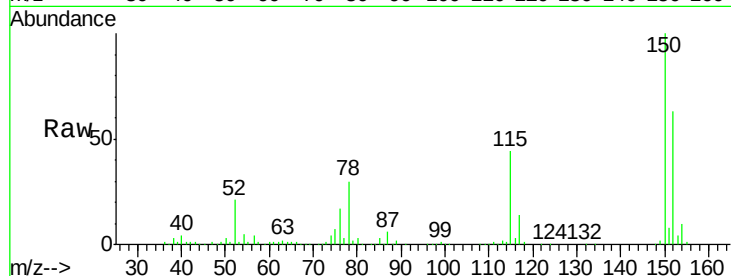


#1

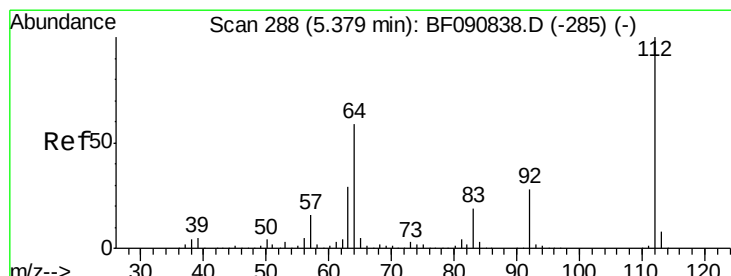
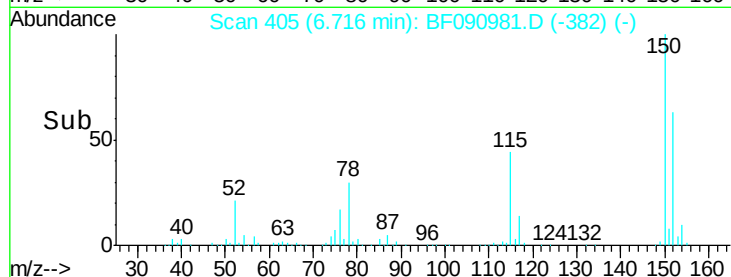
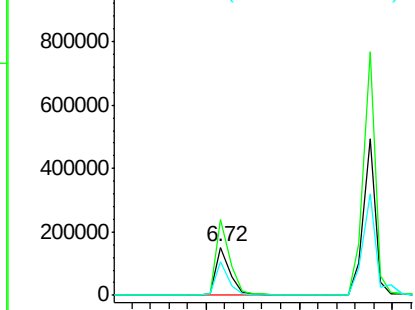
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

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#



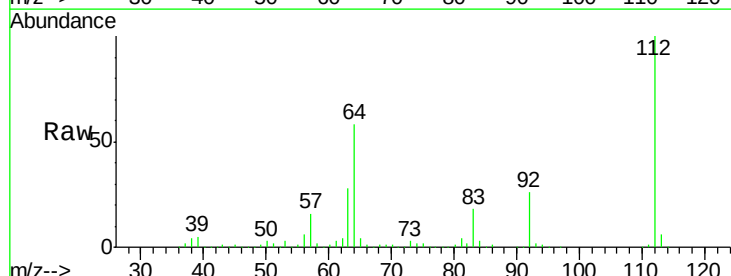
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



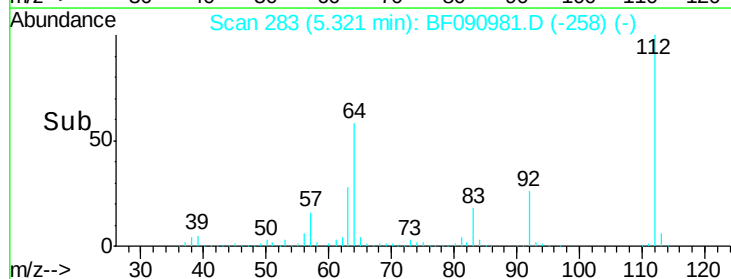
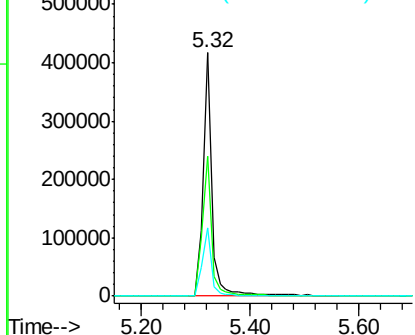
#5

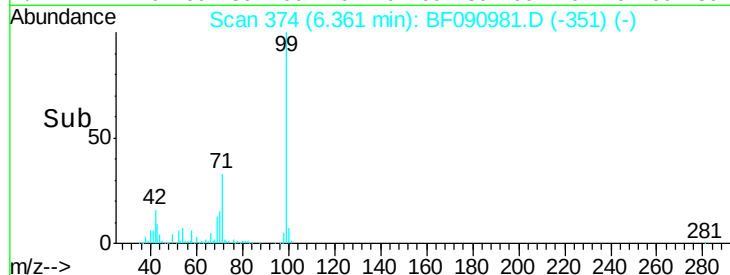
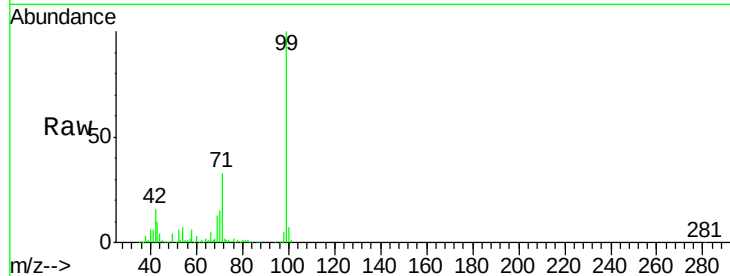
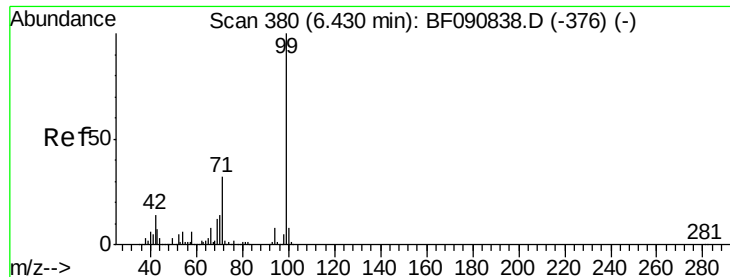
2-Fluorophenol
Concen: 50.00 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

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

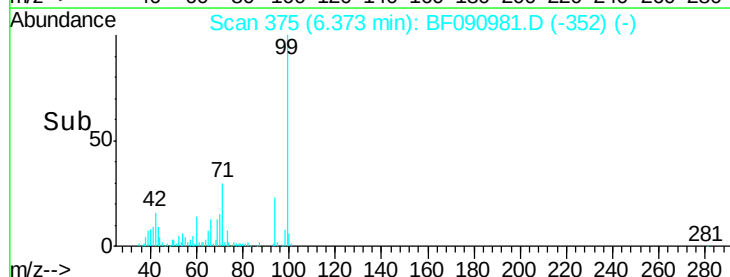
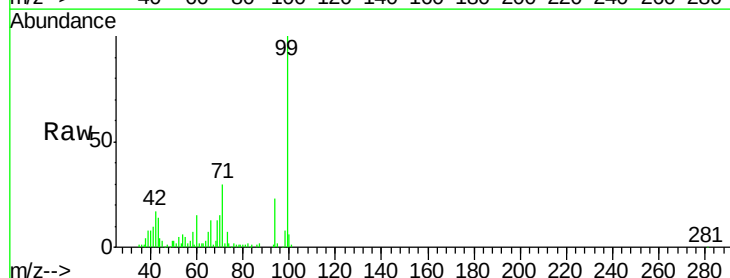
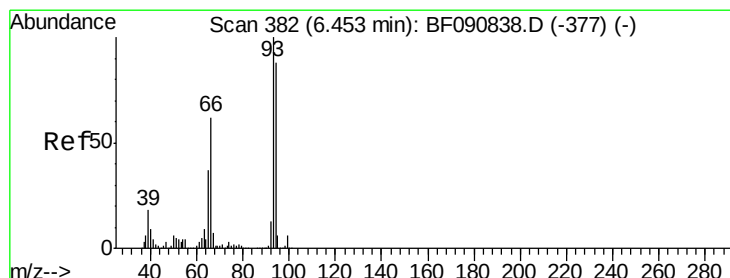
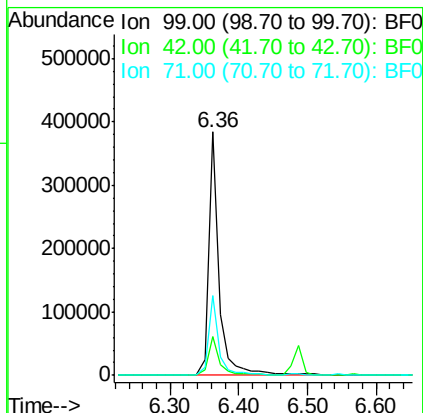
Tgt Ion: 99 Resp: 407783

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

71 32.6 14.2 21.2#



#10

Phenol

Concen: 2.30 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF090981.D

Acq: 2 Nov 2016 15:57

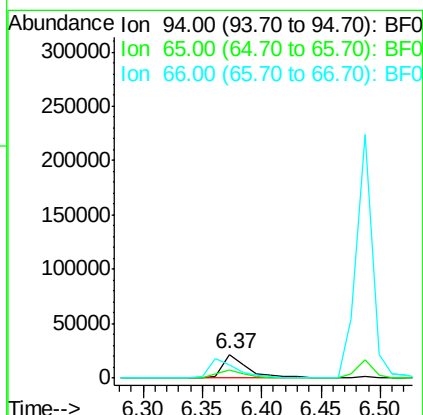
Tgt Ion: 94 Resp: 31819

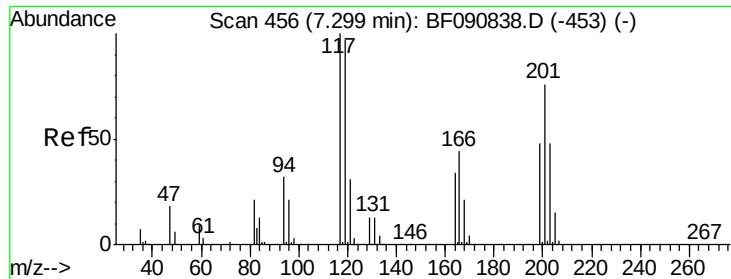
Ion Ratio Lower Upper

94 100

65 32.5 0.7 40.7

66 55.0 0.8 40.8#

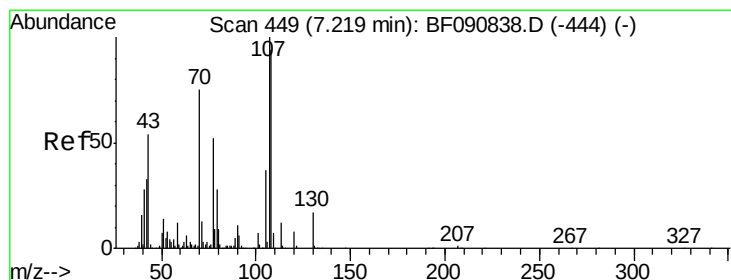
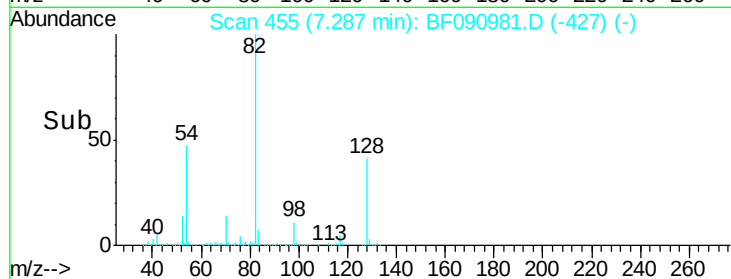
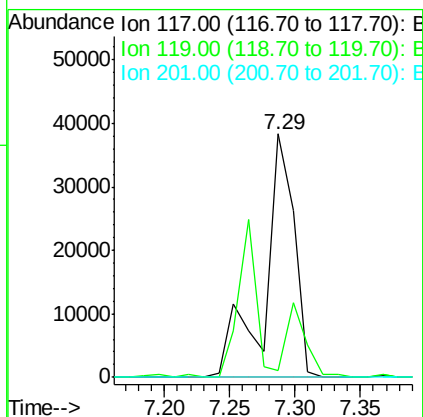
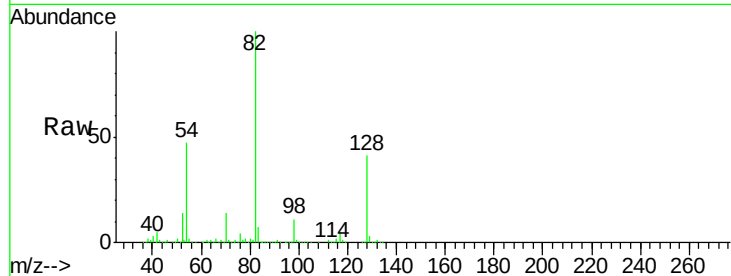




#18
Hexachloroethane
Concen: 13.61 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.02 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

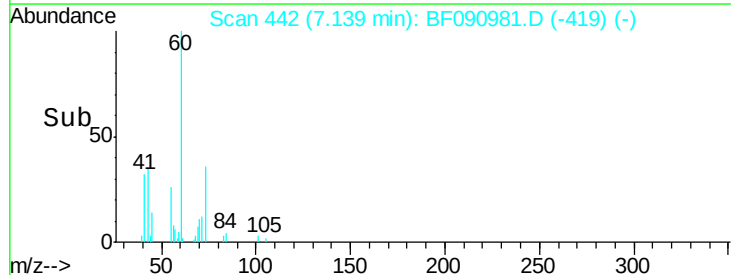
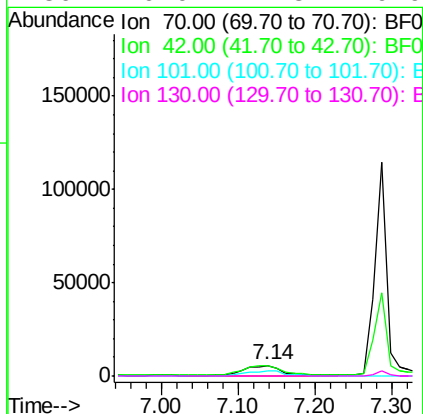
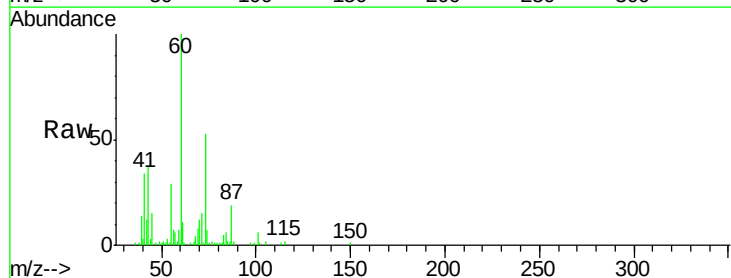
Instrument :
BNA_F
ClientSampleId :
GW-74-8.3-15.0

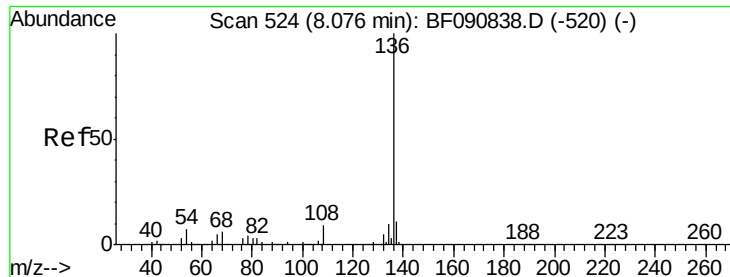
Tgt Ion: 117 Resp: 61086
Ion Ratio Lower Upper
117 100
119 2.7 83.8 125.6#
201 0.0 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 2.99 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.03 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

Tgt Ion: 70 Resp: 21702
Ion Ratio Lower Upper
70 100
42 97.6 63.8 95.6#
101 47.6 9.2 13.8#
130 0.0 27.3 40.9#

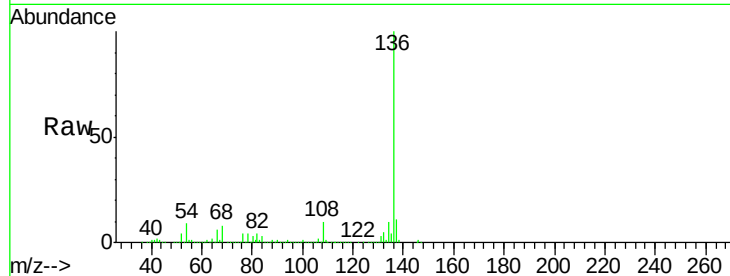




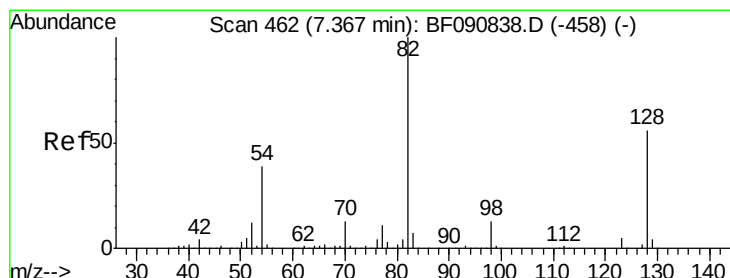
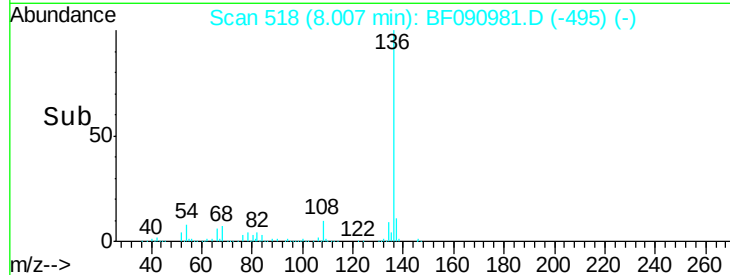
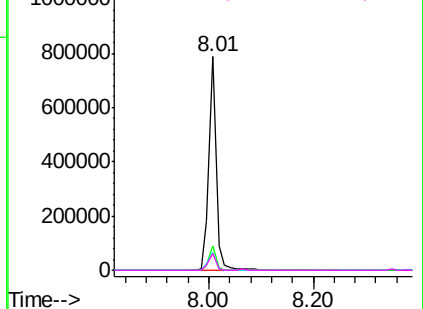
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

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

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

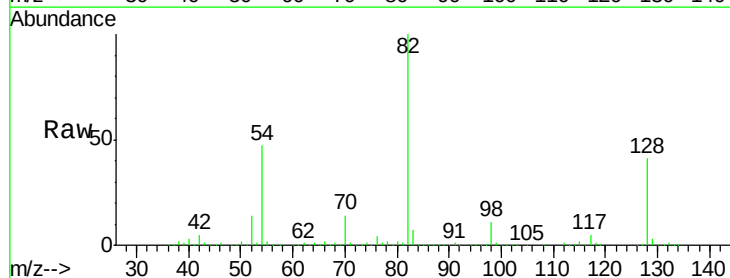


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

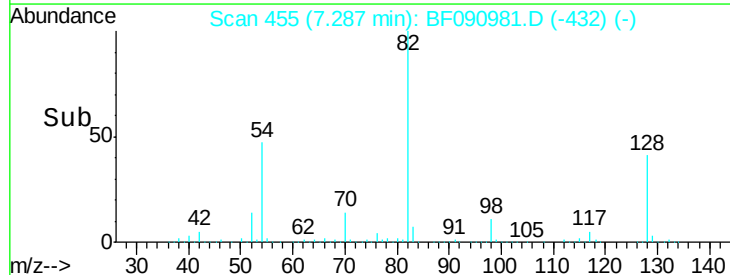
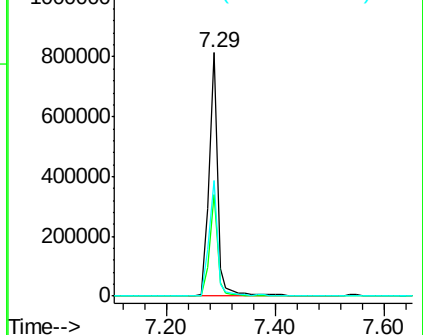


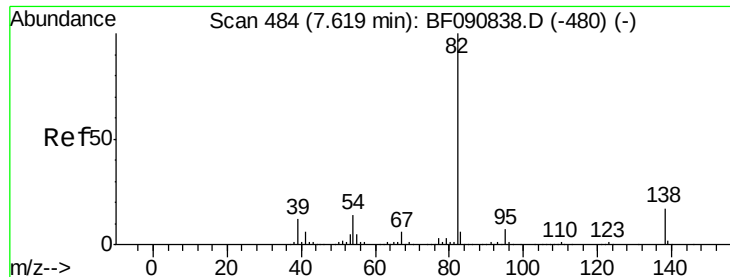
#23
Nitrobenzene-d5
Concen: 77.81 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

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





#25

Isophorone

Concen: 28.62 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.30 min

Lab File: BF090981.D

Acq: 2 Nov 2016 15:57

Instrument :

BNA_F

ClientSampleId :

GW-74-8.3-15.0

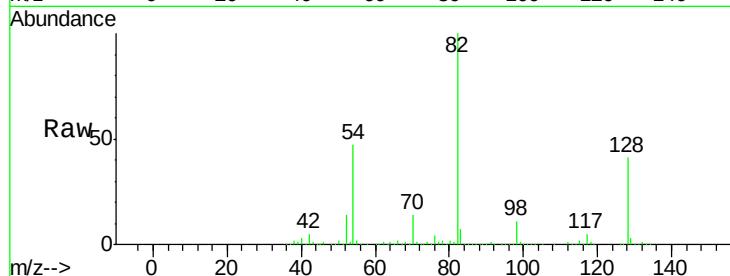
Tgt Ion: 82 Resp: 679277

Ion Ratio Lower Upper

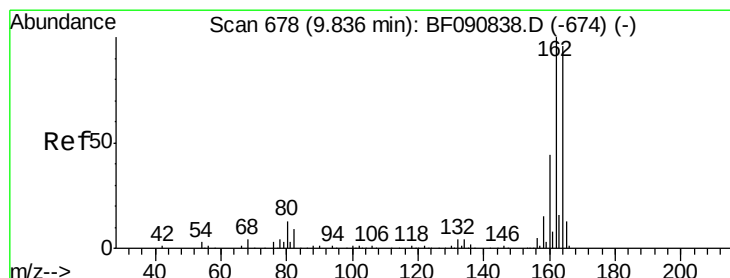
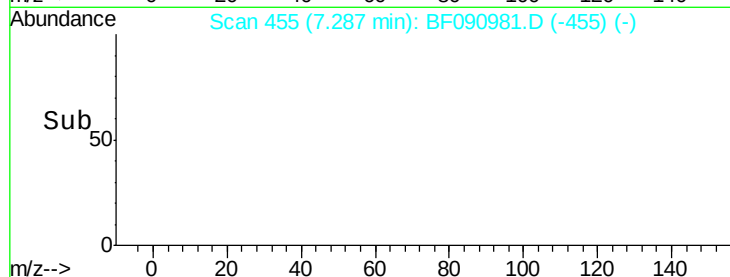
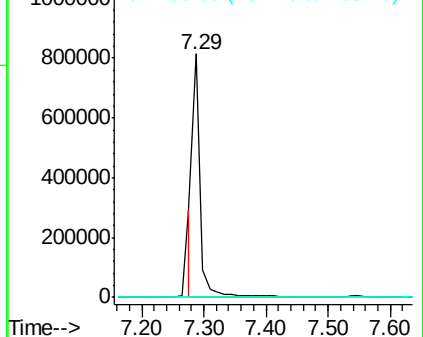
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): 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

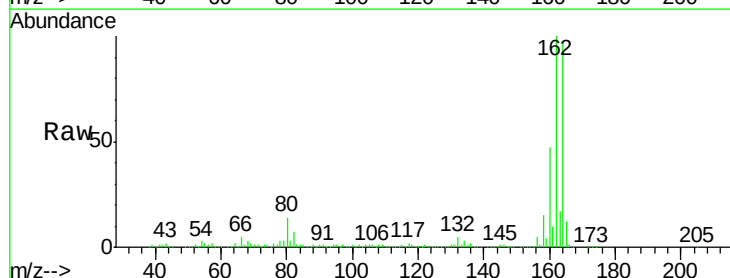
Tgt Ion: 164 Resp: 388347

Ion Ratio Lower Upper

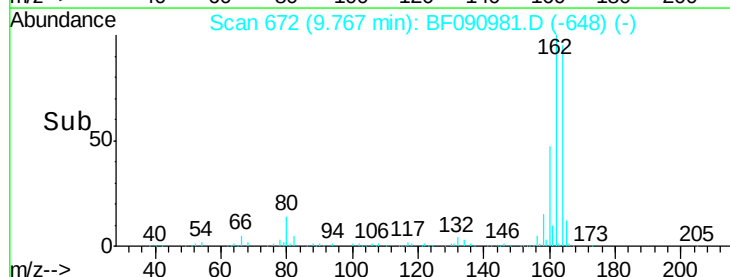
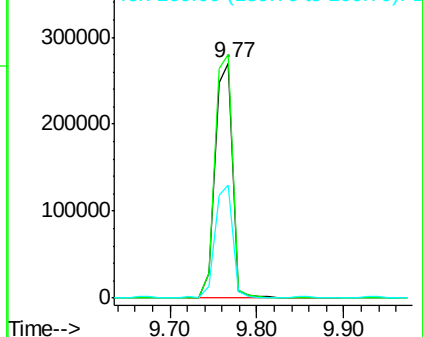
164 100

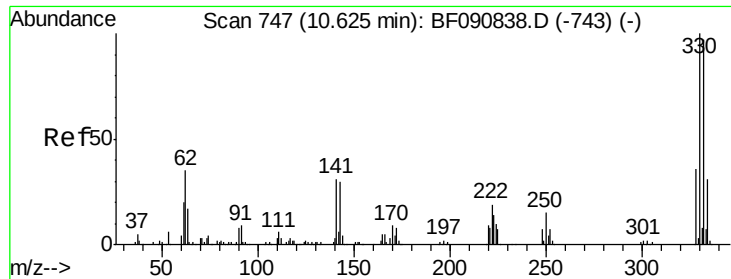
162 103.5 75.2 112.8

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

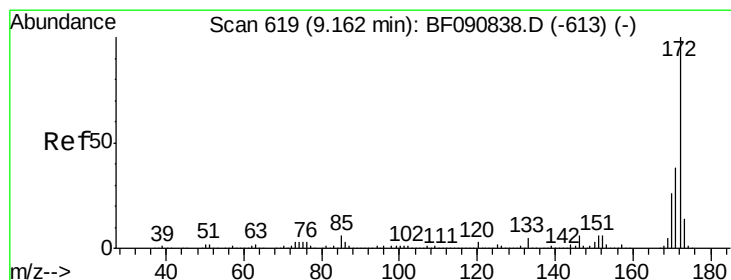
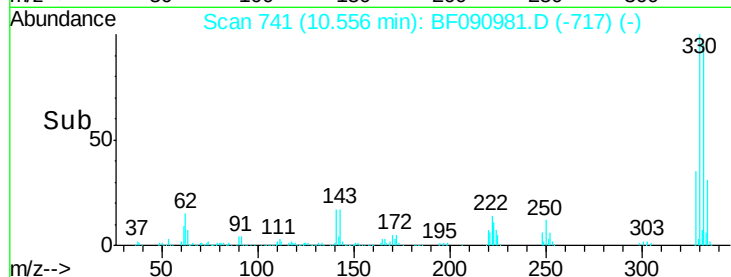
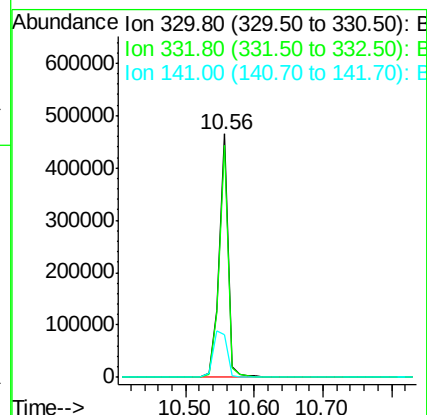
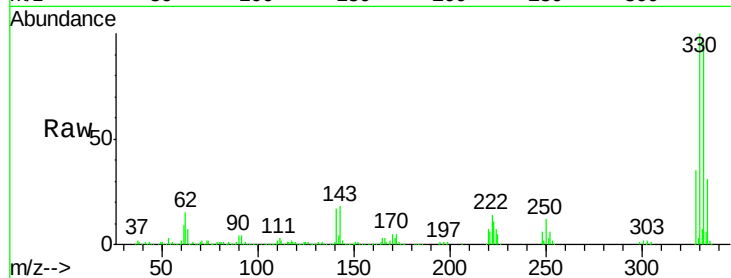




#41
 2,4,6-Tribromophenol
 Concen: 109.55 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090981.D
 Acq: 2 Nov 2016 15:57

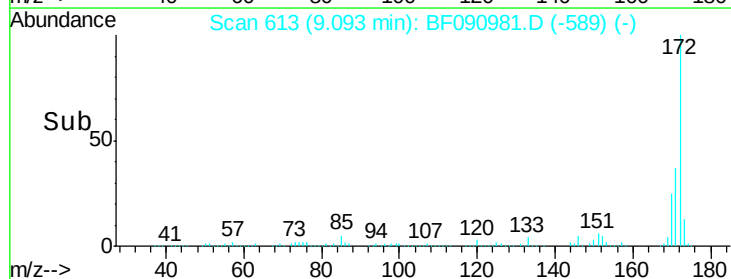
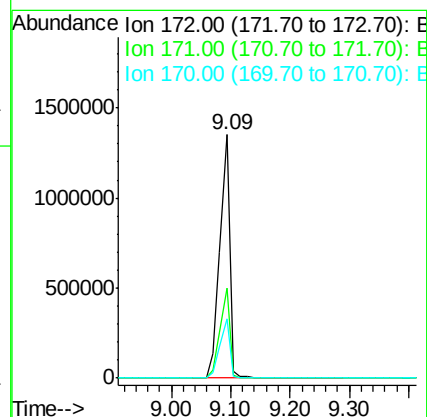
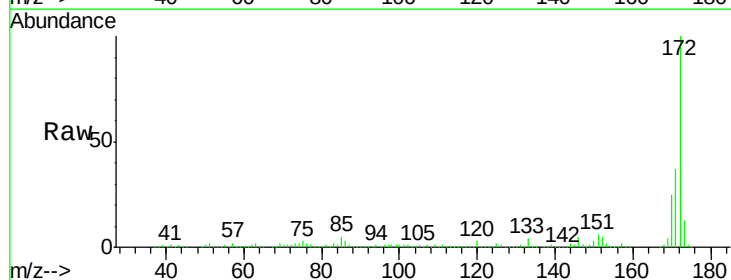
Instrument :
 BNA_F
 ClientSampleId :
 GW-74-8.3-15.0

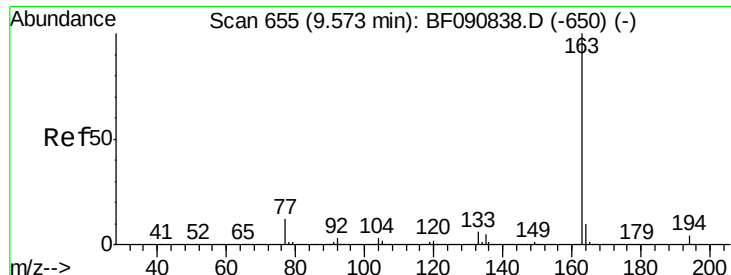
Tgt Ion:330 Resp: 437205
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 28.8 29.7 44.5#



#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

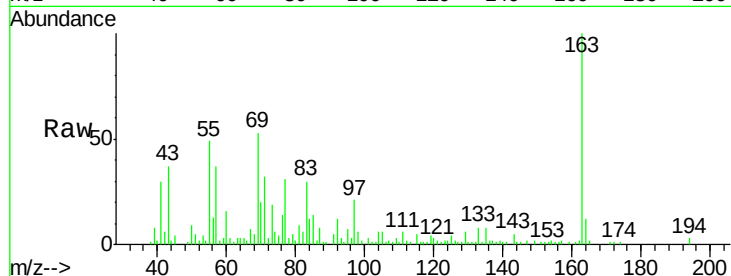




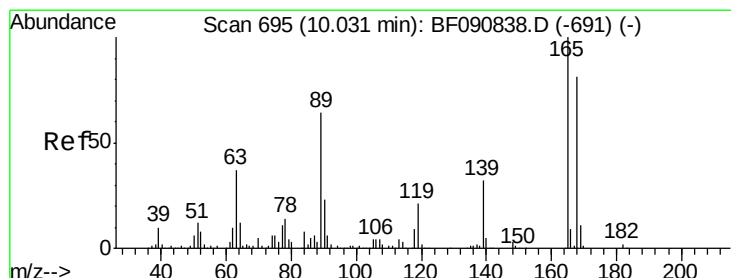
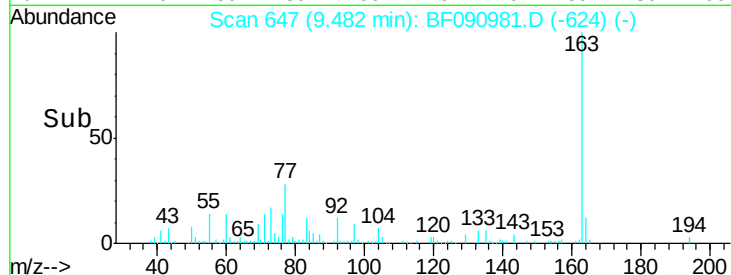
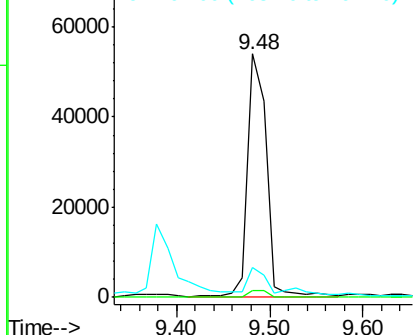
#49
Dimethylphthalate
Concen: 2.93 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

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

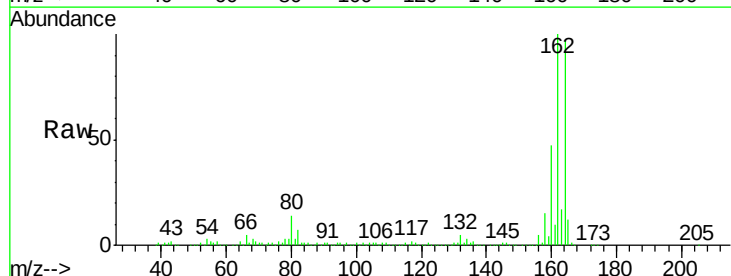


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

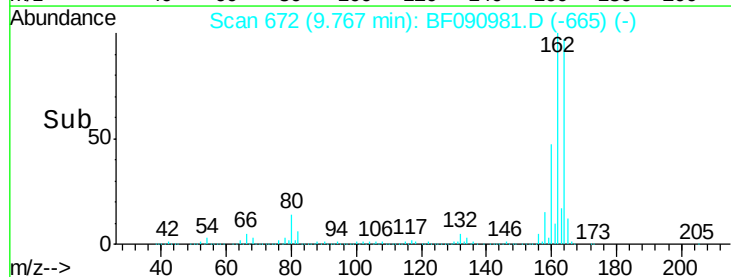
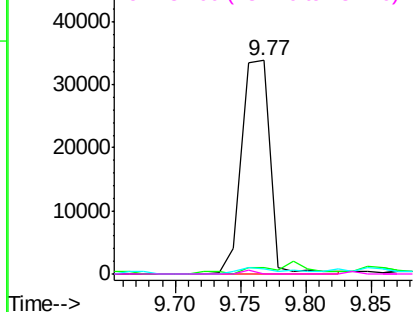


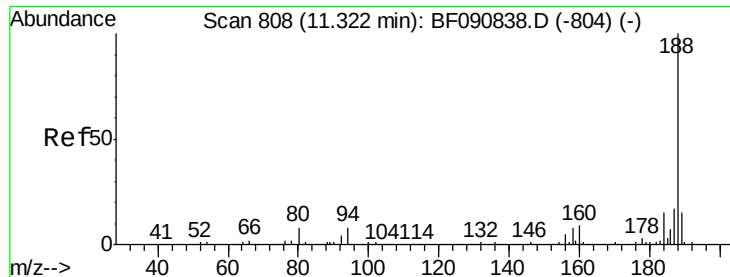
#56
2,4-Dinitrotoluene
Concen: 7.20 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.22 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

Tgt Ion:165 Resp: 51255
Ion Ratio Lower Upper
165 100
63 2.8 29.8 44.6#
89 2.3 44.5 66.7#
182 0.0 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

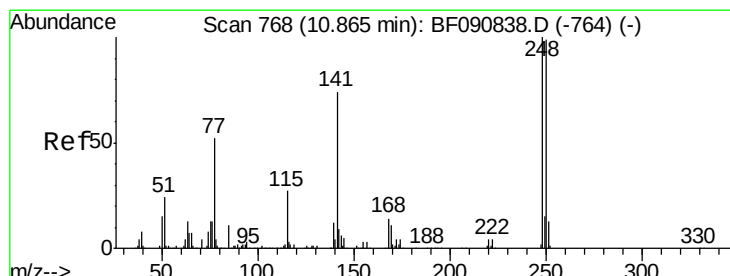
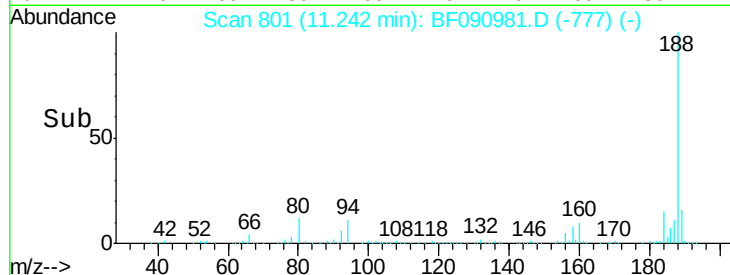
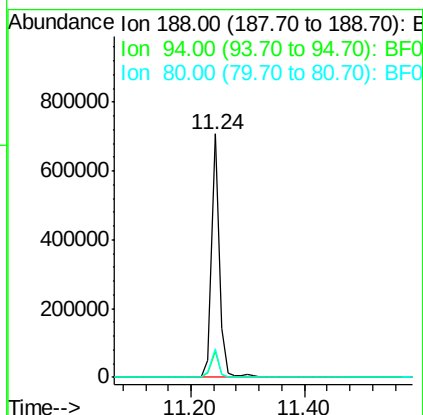
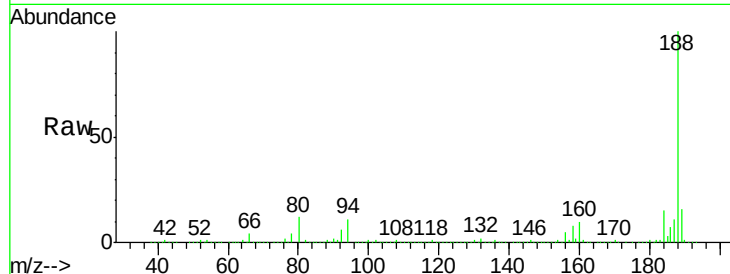




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

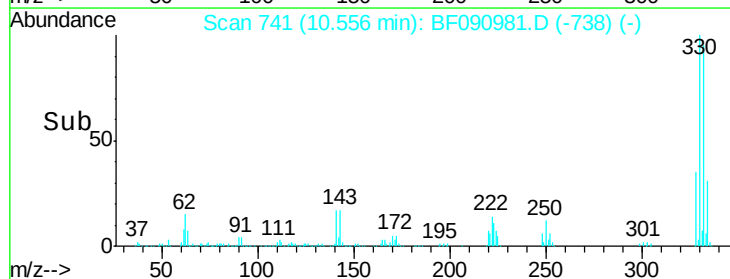
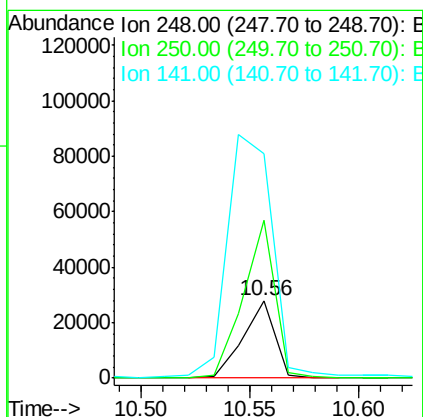
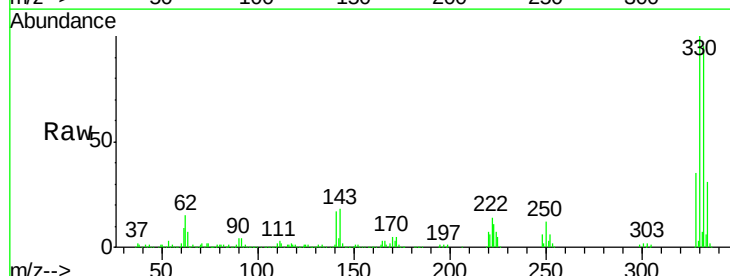
Instrument :
BNA_F
ClientSampleId :
GW-74-8.3-15.0

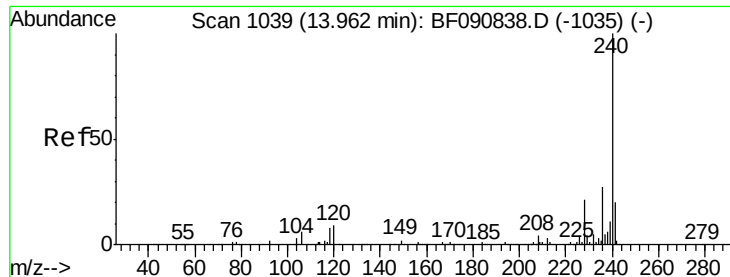
Tgt Ion:188 Resp: 652162
Ion Ratio Lower Upper
188 100
94 10.6 11.1 16.7#
80 11.7 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.26 min
Lab File: BF090981.D
Acq: 2 Nov 2016 15:57

Tgt Ion:248 Resp: 28138
Ion Ratio Lower Upper
248 100
250 203.7 78.5 117.7#
141 290.9 59.0 88.6#





#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

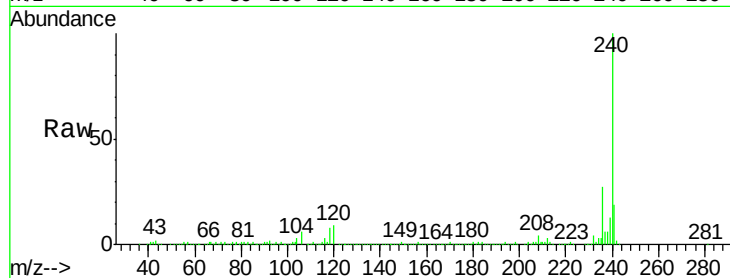
Tgt Ion:240 Resp: 501035

Ion Ratio Lower Upper

240 100

120 8.7 16.2 24.2#

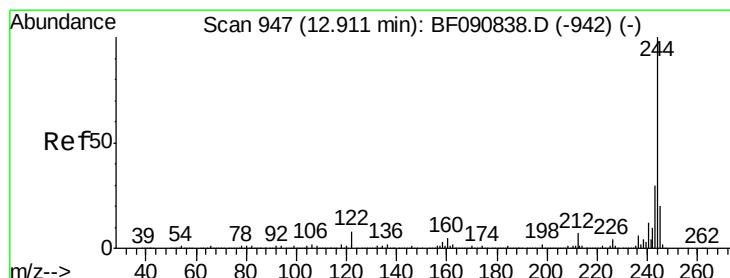
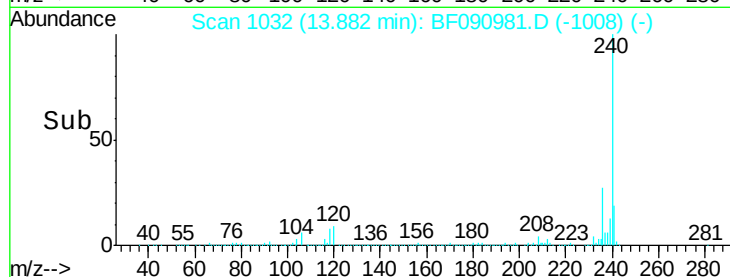
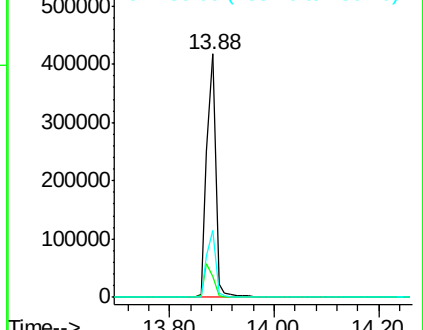
236 27.3 18.4 27.6



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

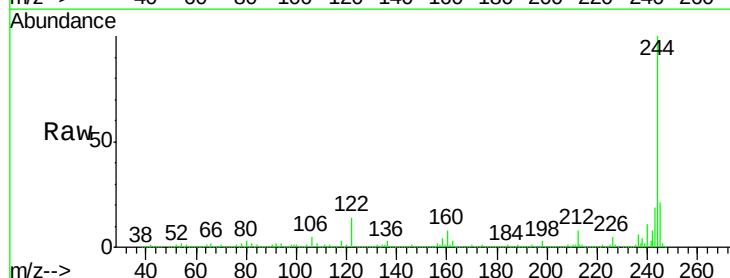
Tgt Ion:244 Resp: 1319519

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

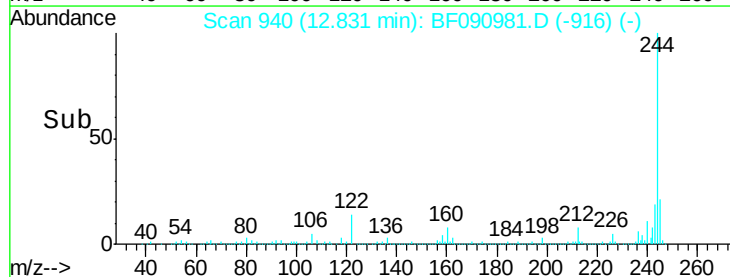
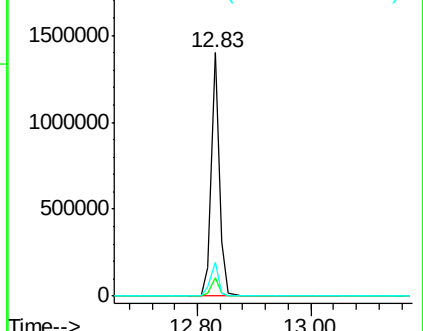
122 13.8 17.4 26.2#

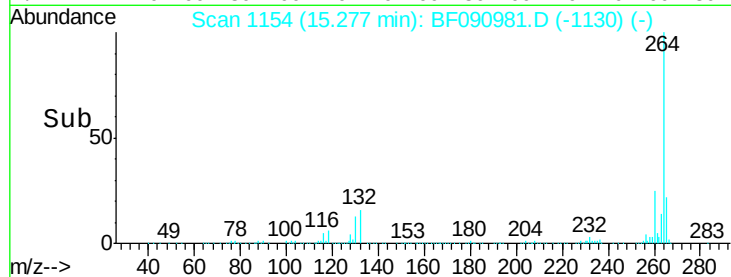
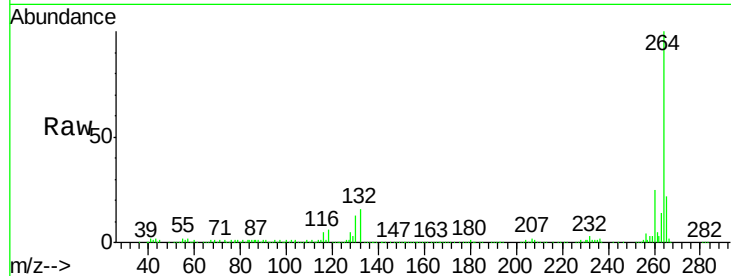
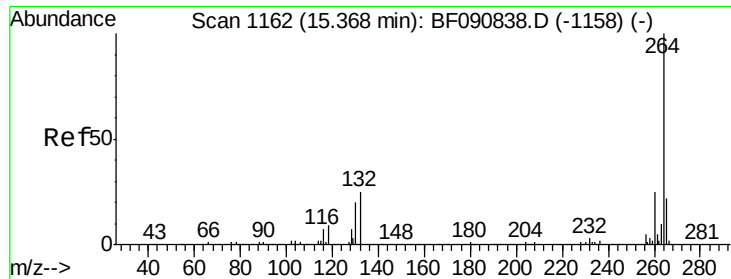


Abundance Ion 244.00 (243.70 to 244.70): E

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	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	21.8	17.2	25.8

