

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090982.D
 Acq On : 2 Nov 2016 16:25
 Operator : UM/SJ
 Sample : H5509-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-91-9.4-25.0

Quant Time: Nov 02 23:10:35 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

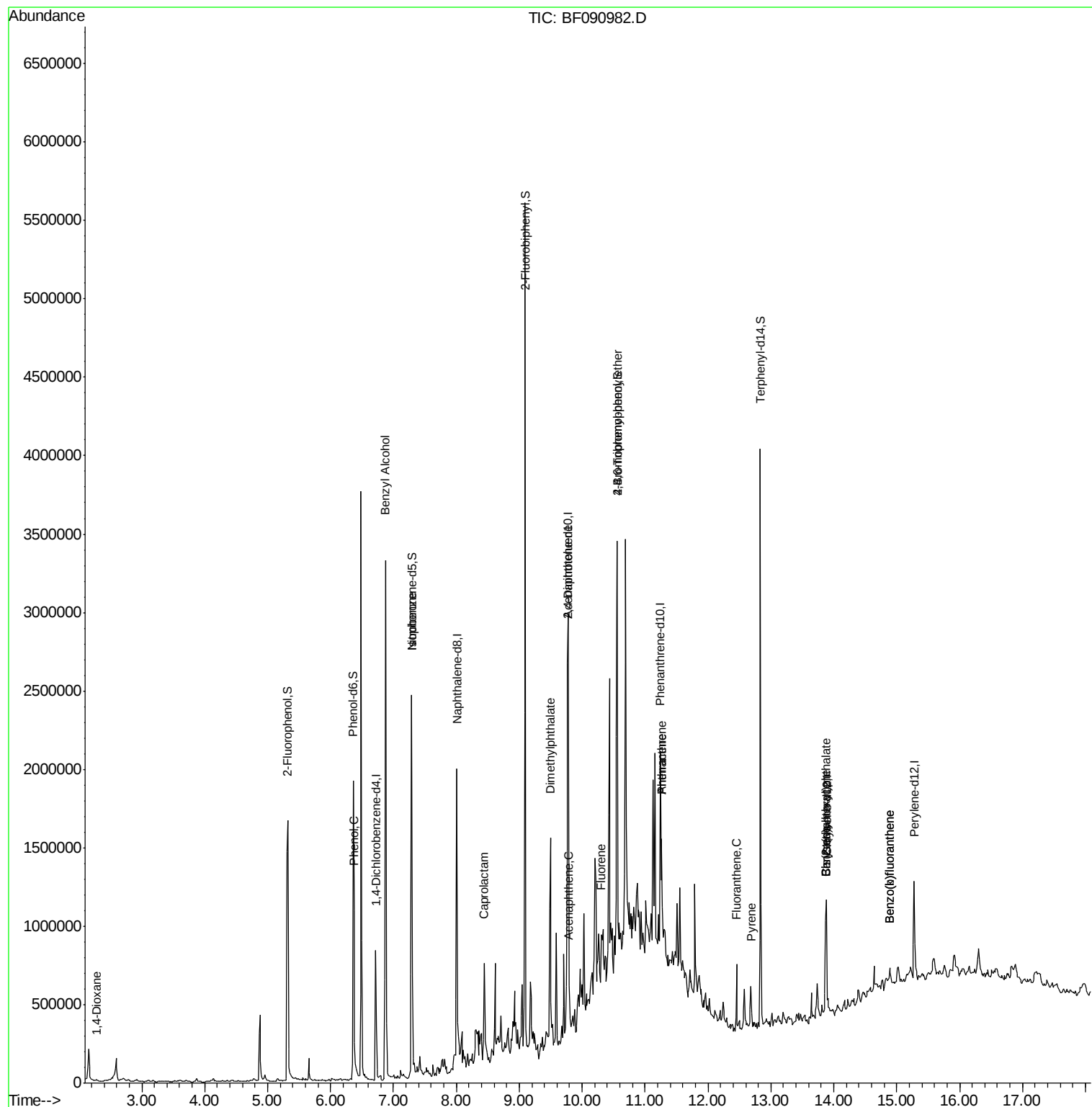
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154669	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	701032	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	338781	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	520281	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	342821	20.00	ng	-0.02
86) Perylene-d12	15.28	264	321257	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	761009	86.03	ng	-0.01
7) Phenol-d6	6.36	99	866189	72.58	ng	-0.03
23) Nitrobenzene-d5	7.29	82	1002764	93.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	412934	118.61	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1843527	95.55	ng	-0.02
78) Terphenyl-d14	12.83	244	1241845	91.26	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	9649	2.13	ng	# 52
10) Phenol	6.37	94	48932	3.72	ng	# 3
15) Benzyl Alcohol	6.88	79	16901	2.16	ng	# 32
25) Isophorone	7.29	82	815502	37.53	ng	# 59
35) Caprolactam	8.44	113	17925	6.35	ng	# 14
49) Dimethylphthalate	9.49	163	535943	23.68	ng	# 97
51) Acenaphthene	9.79	154	58089	3.00	ng	# 87
56) 2,4-Dinitrotoluene	9.77	165	47491	7.65	ng	# 48
57) Fluorene	10.30	166	51263	2.51	ng	# 87
66) 4-Bromophenyl-phenylether	10.56	248	27758	4.87	ng	# 1
70) Phenanthrene	11.26	178	196270	7.41	ng	# 95
71) Anthracene	11.26	178	196270	7.03	ng	# 95
74) Fluoranthene	12.45	202	162046	5.58	ng	# 92
77) Pyrene	12.68	202	123164	5.68	ng	# 97
80) Benzo(a)anthracene	13.87	228	50565	2.78	ng	# 95
82) Chrysene	13.87	228	50565	2.75	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.87	149	68267	5.33	ng	# 98
87) Benzo(b)fluoranthene	14.89	252	57417	2.66	ng	# 77
88) Benzo(k)fluoranthene	14.89	252	57417	3.36	ng	# 75

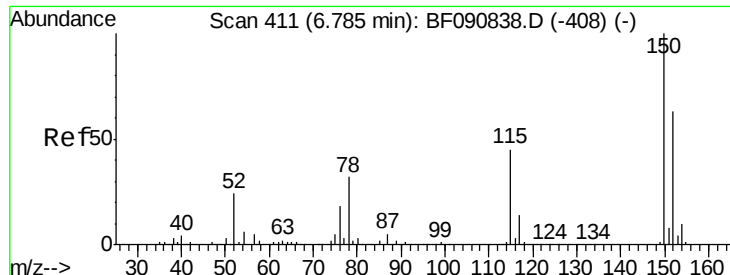
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
Sample : H5509-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-91-9.4-25.0

Quant Time: Nov 02 23:10:35 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

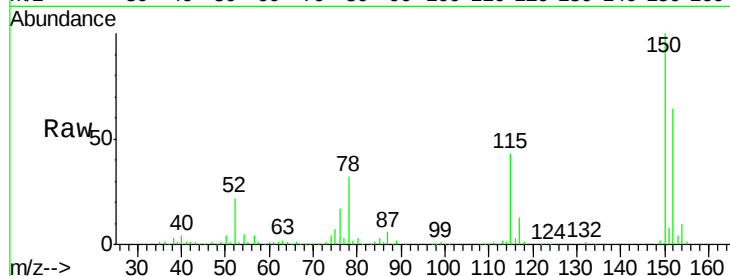




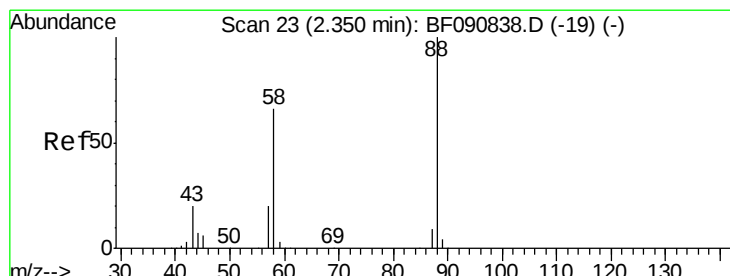
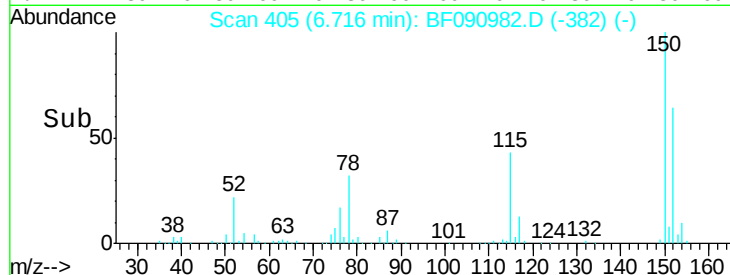
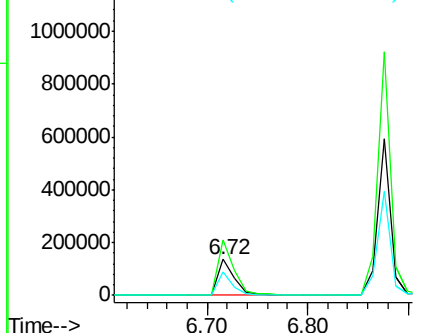
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 405
 Delta R.T. -0.03 min
 Lab File: BF090982.D
 Acq: 2 Nov 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 GW-91-9.4-25.0

Tgt Ion:152 Resp: 154669
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.7 187.1
 115 66.9 39.0 58.4#

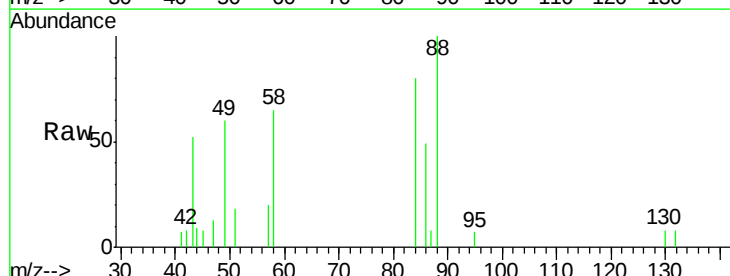


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

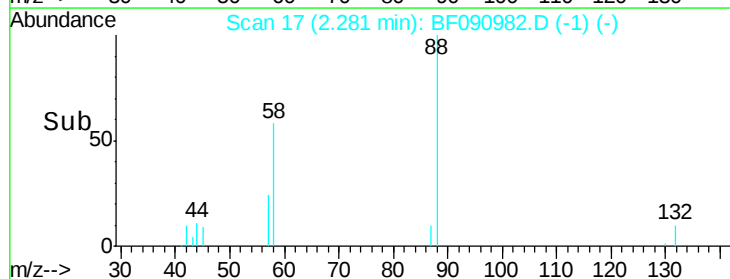
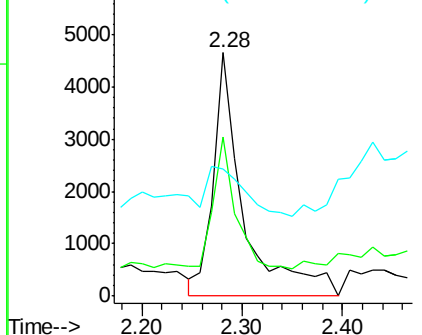


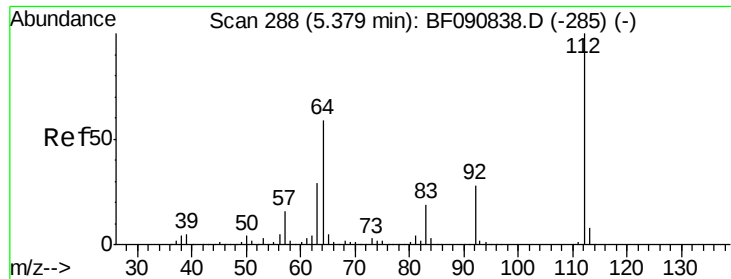
#2
 1,4-Dioxane
 Concen: 2.13 ng
 RT: 2.28 min Scan# 17
 Delta R.T. 0.03 min
 Lab File: BF090982.D
 Acq: 2 Nov 2016 16:25

Tgt Ion: 88 Resp: 9649
 Ion Ratio Lower Upper
 88 100
 58 39.2 77.7 116.5#
 43 24.1 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 86.03 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090982.D

Acq: 2 Nov 2016 16:25

Instrument :

BNA_F

ClientSampleId :

GW-91-9.4-25.0

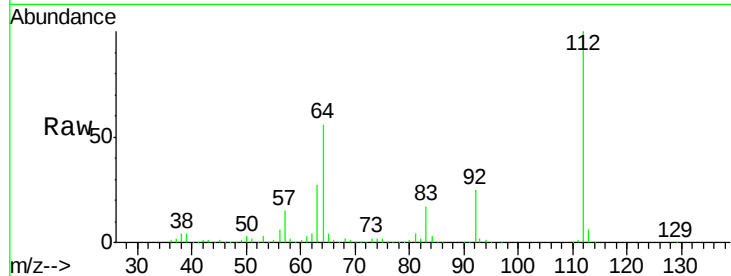
Tgt Ion: 112 Resp: 761009

Ion Ratio Lower Upper

112 100

64 55.6 39.7 59.5

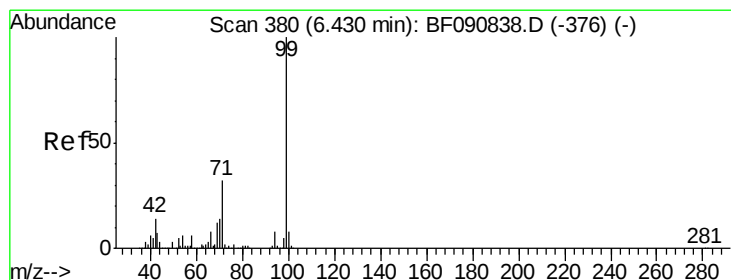
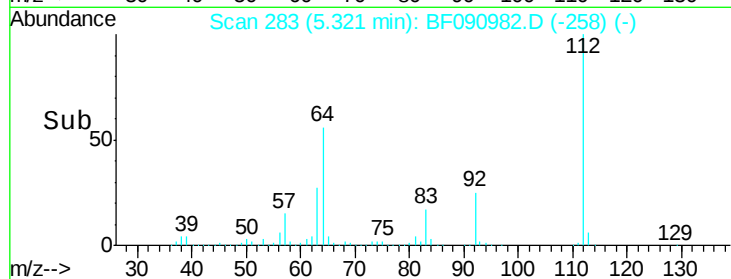
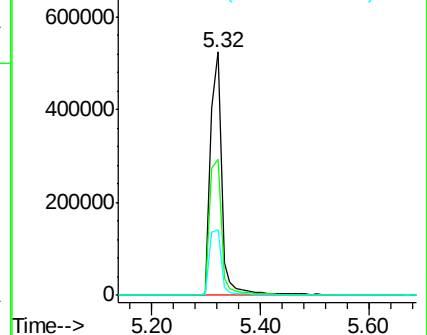
63 26.8 17.4 26.0#



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: 72.58 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF090982.D

Acq: 2 Nov 2016 16:25

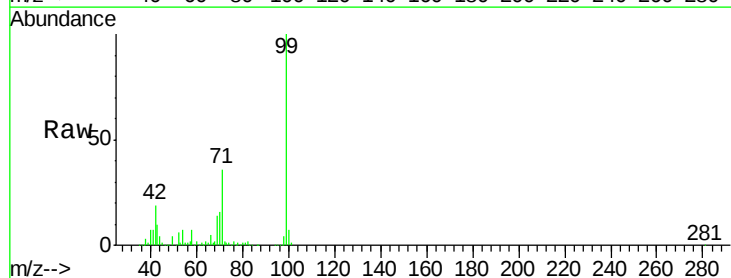
Tgt Ion: 99 Resp: 866189

Ion Ratio Lower Upper

99 100

42 18.7 13.7 20.5

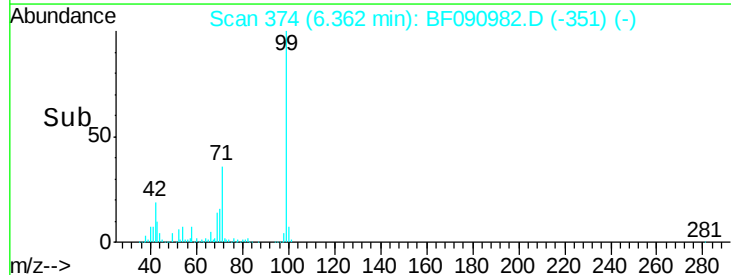
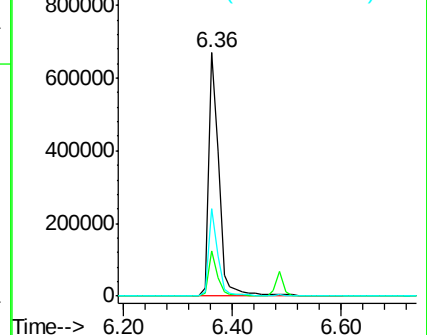
71 35.7 14.2 21.2#

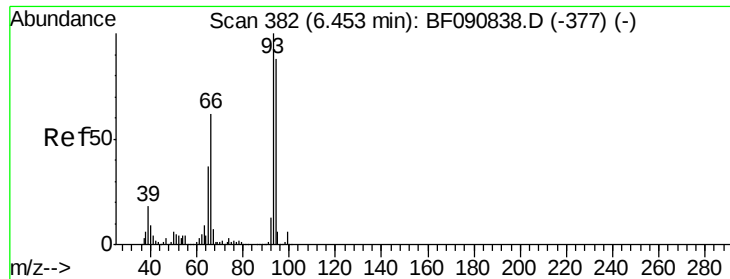


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.72 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF090982.D

Acq: 2 Nov 2016 16:25

Instrument :

BNA_F

ClientSampleId :

GW-91-9.4-25.0

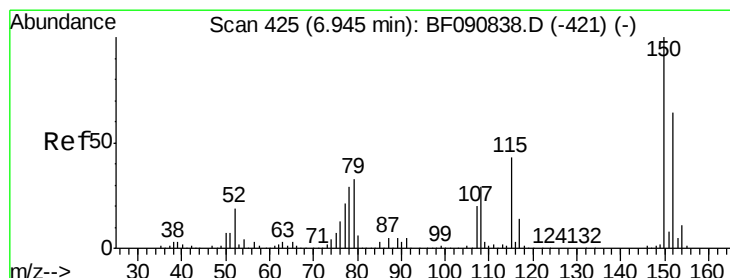
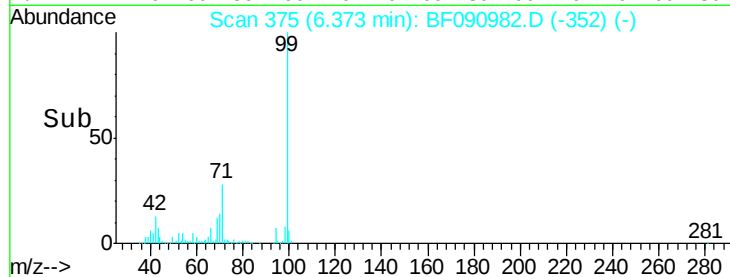
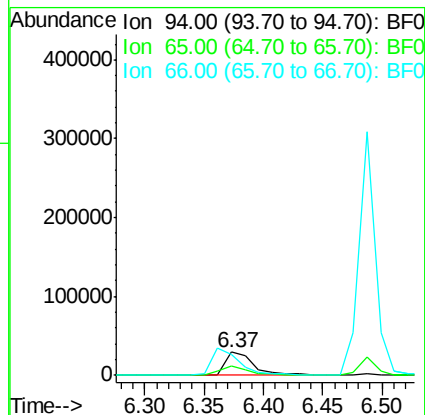
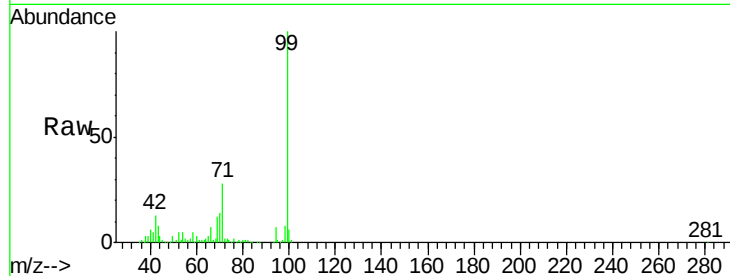
Tgt Ion: 94 Resp: 48932

Ion Ratio Lower Upper

94 100

65 40.9 0.7 40.7#

66 91.0 0.8 40.8#



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF090982.D

Acq: 2 Nov 2016 16:25

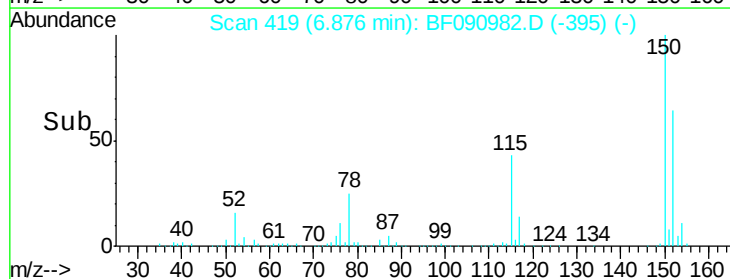
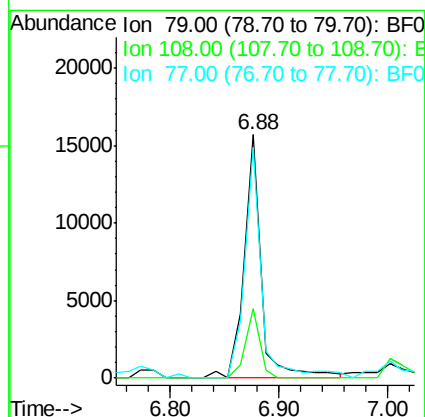
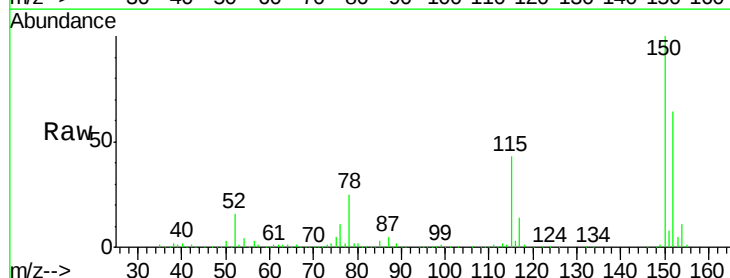
Tgt Ion: 79 Resp: 16901

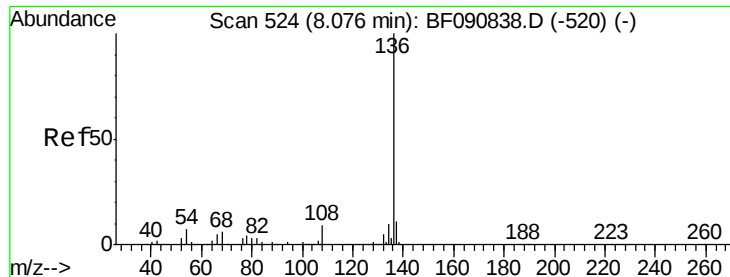
Ion Ratio Lower Upper

79 100

108 28.3 88.6 132.8#

77 94.8 47.0 70.4#

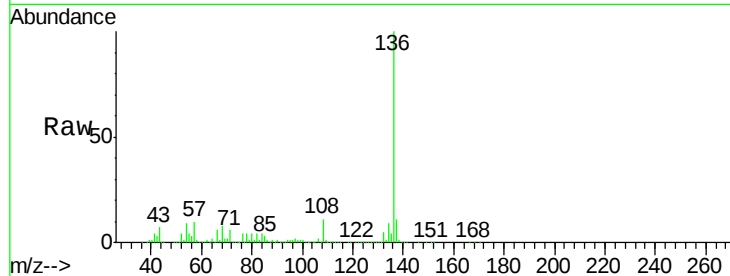




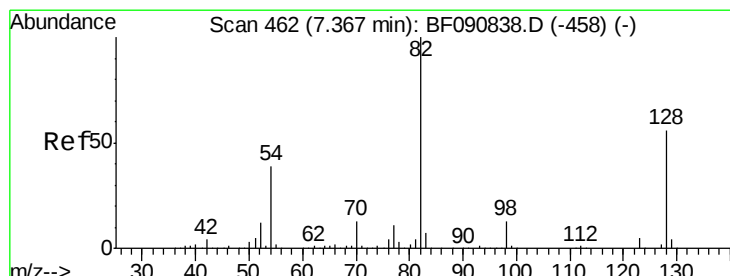
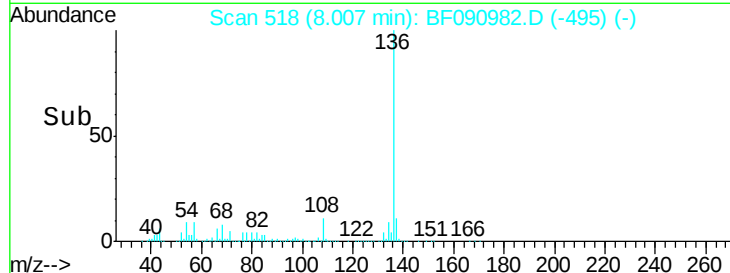
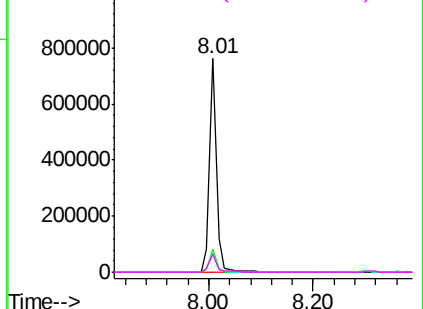
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090982.D
Acq: 2 Nov 2016 16:25

Instrument :
BNA_F
ClientSampleId :
GW-91-9.4-25.0

Tgt Ion:	136	Resp:	701032
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.3	8.2	12.2
68	8.2	5.8	8.6

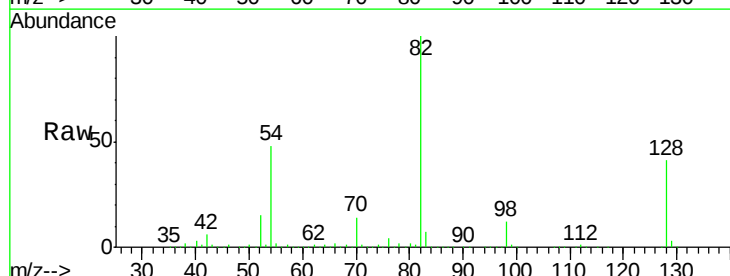


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

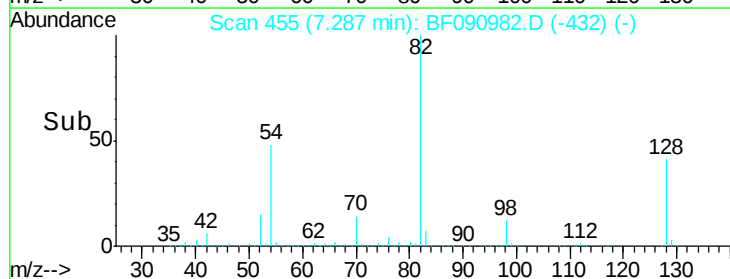
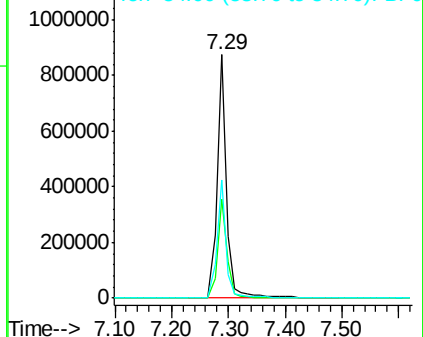


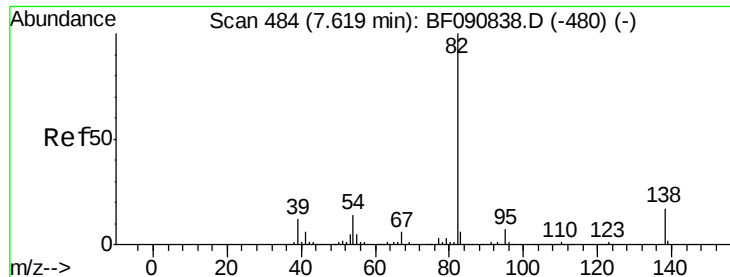
#23
Nitrobenzene-d5
Concen: 93.64 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF090982.D
Acq: 2 Nov 2016 16:25

Tgt Ion:	82	Resp:	1002764
Ion	Ratio	Lower	Upper
82	100		
128	40.6	51.0	76.6#
54	48.3	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: 37.53 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.30 min

Lab File: BF090982.D

Acq: 2 Nov 2016 16:25

Instrument :

BNA_F

ClientSampleId :

GW-91-9.4-25.0

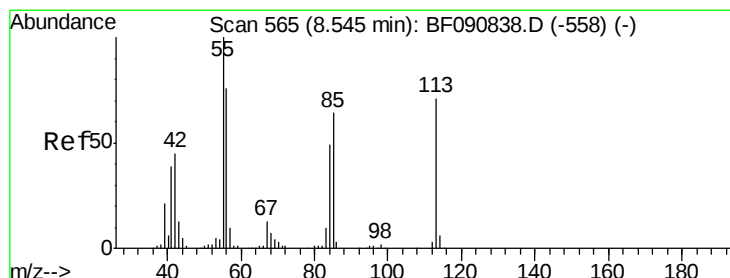
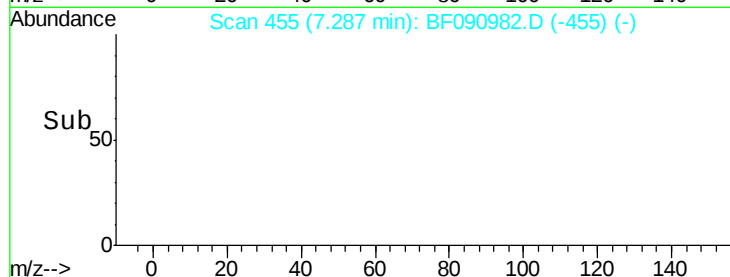
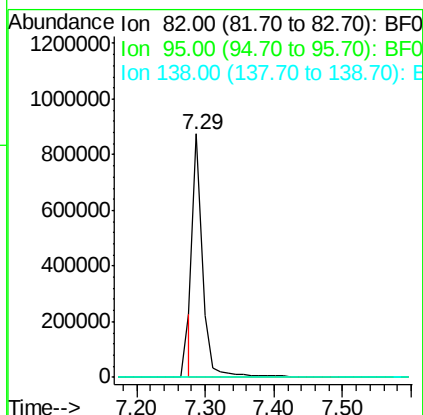
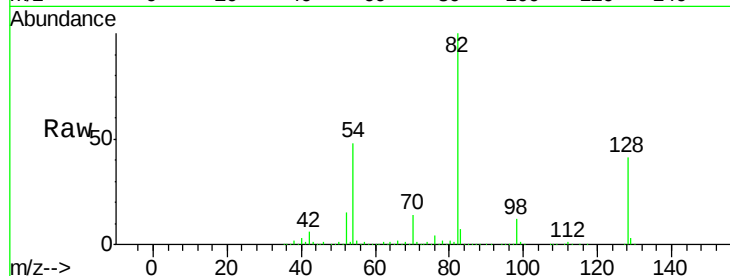
Tgt Ion: 82 Resp: 815502

Ion Ratio Lower Upper

82 100

95 0.1 4.0 6.0#

138 0.0 18.3 27.5#



#35

Caprolactam

Concen: 6.35 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.05 min

Lab File: BF090982.D

Acq: 2 Nov 2016 16:25

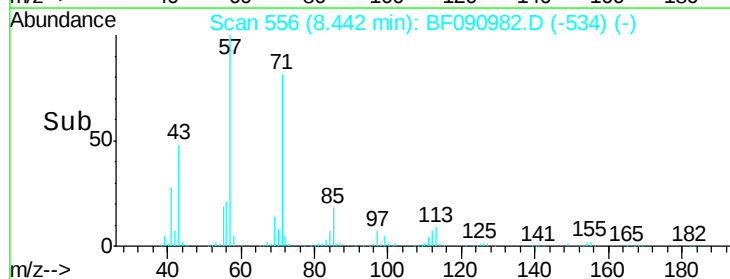
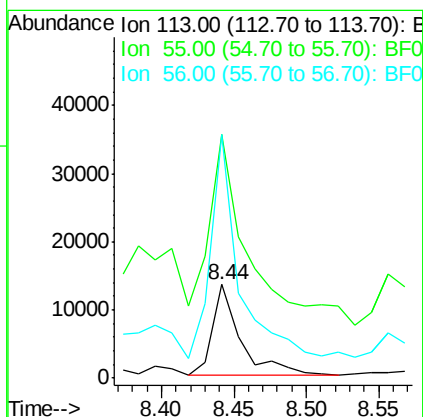
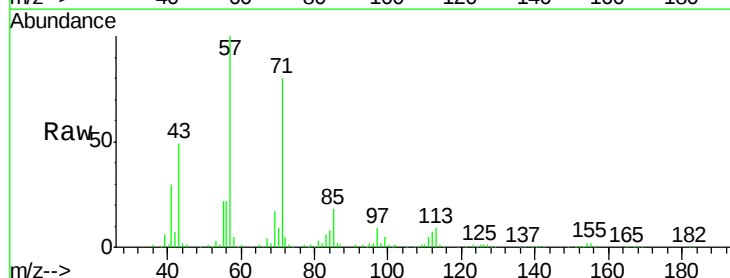
Tgt Ion: 113 Resp: 17925

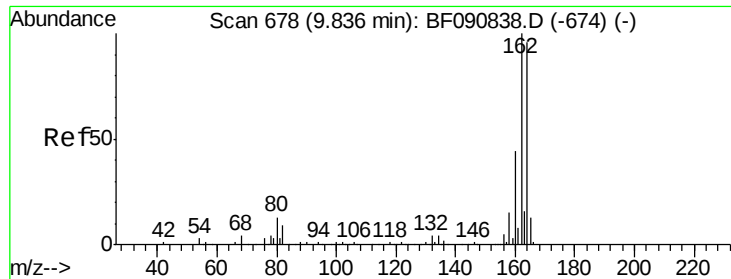
Ion Ratio Lower Upper

113 100

55 259.4 152.4 192.4#

56 259.5 104.6 144.6#

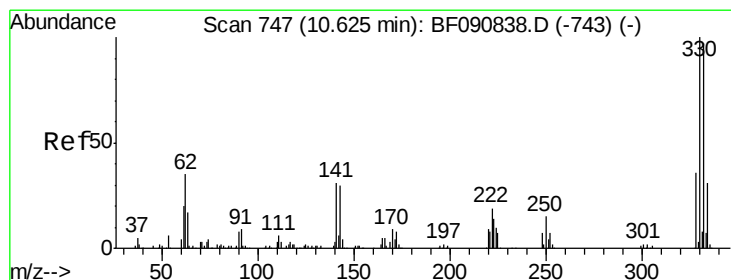
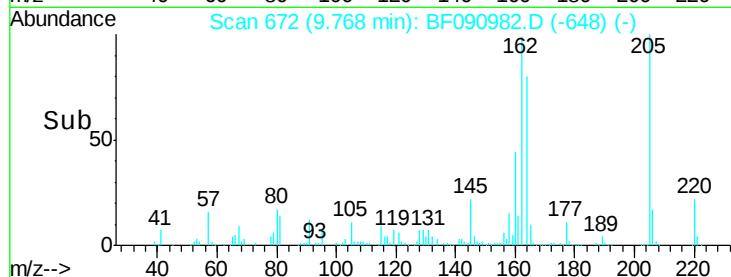
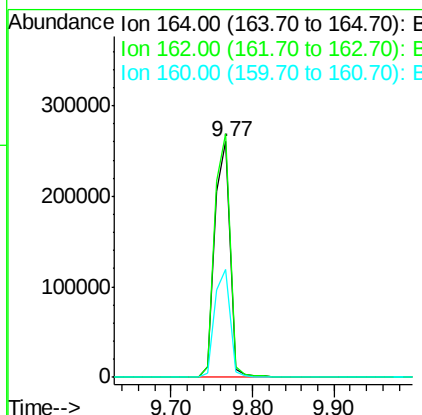
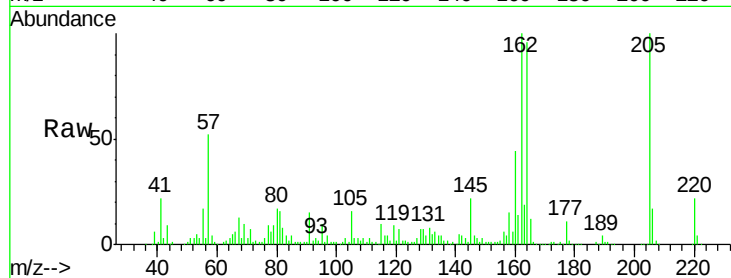




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF090982.D
Acq: 2 Nov 2016 16:25

Instrument :
BNA_F
ClientSampleId :
GW-91-9.4-25.0

Tgt Ion:164 Resp: 338781
Ion Ratio Lower Upper
164 100
162 103.3 75.2 112.8
160 46.0 31.5 47.3



#41
2,4,6-Tribromophenol
Concen: 118.61 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF090982.D
Acq: 2 Nov 2016 16:25

Tgt Ion:330 Resp: 412934
Ion Ratio Lower Upper
330 100
332 95.1 76.6 114.8
141 34.9 29.7 44.5

