

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090984.D
 Acq On : 2 Nov 2016 17:18
 Operator : UM/SJ
 Sample : H5509-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

Quant Time: Nov 02 23:11:04 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	160525	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	536475	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	295343	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	507454	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	406675	20.00	ng	-0.02
86) Perylene-d12	15.28	264	353808	20.00	ng	-0.02

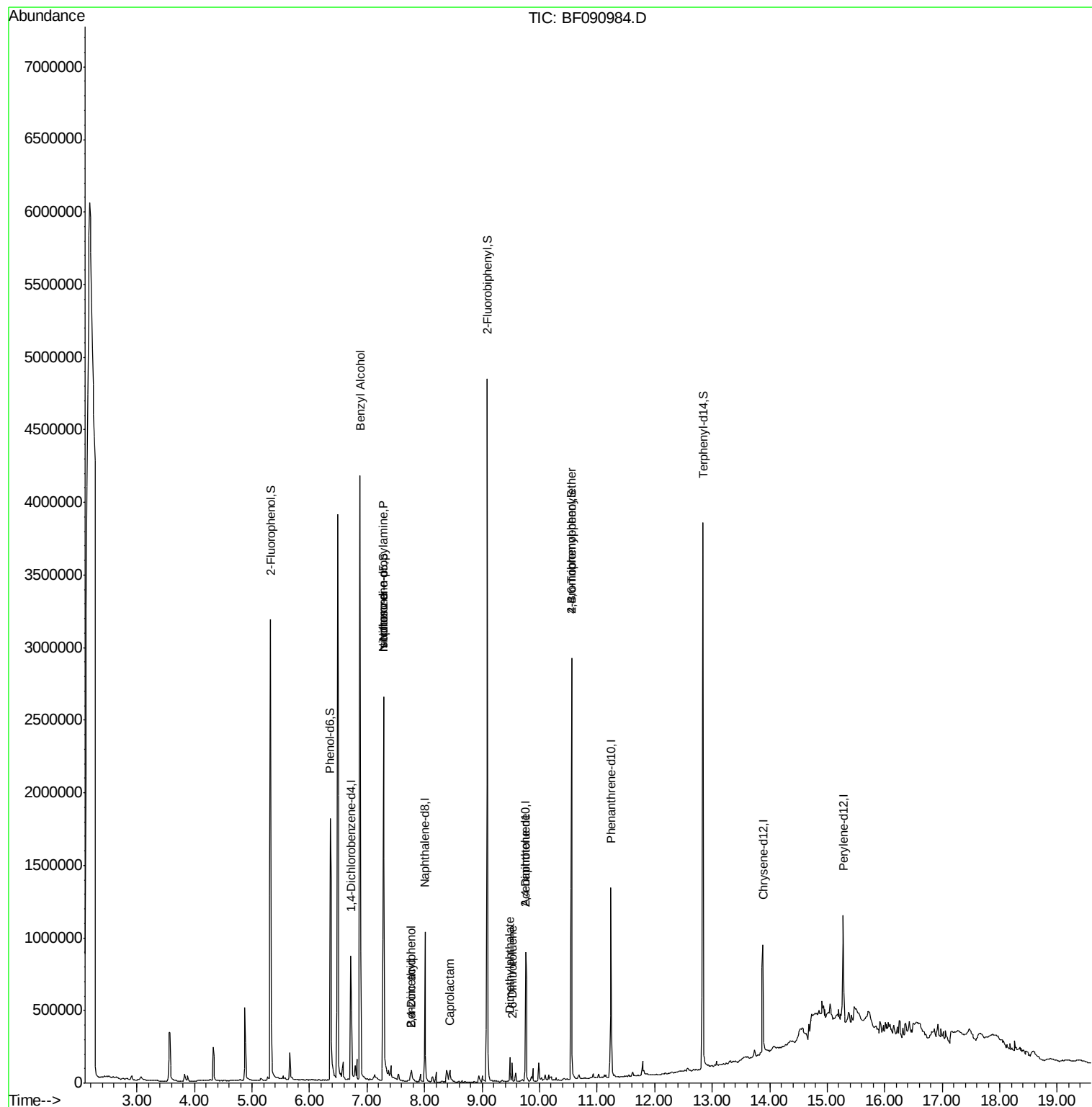
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1009519	109.95	ng	-0.01
7) Phenol-d6	6.36	99	929045	75.00	ng	-0.03
23) Nitrobenzene-d5	7.29	82	1306145	159.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	516564	170.19	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1864922	110.88	ng	-0.02
78) Terphenyl-d14	12.84	244	2067456	128.08	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.88	79	25930	3.19	ng	# 33
19) n-Nitroso-di-n-propylamine	7.29	70	177084	24.73	ng	# 55
25) Isophorone	7.29	82	1087162	65.37	ng	# 59
27) 2,4-Dimethylphenol	7.77	122	22212	2.95	ng	# 12
32) Benzoic acid	7.77	122	22680	4.16	ng	# 74
35) Caprolactam	8.44	113	18583	8.60	ng	# 68
49) Dimethylphthalate	9.48	163	86355	4.38	ng	# 97
50) 2,6-Dinitrotoluene	9.53	165	16216	3.72	ng	# 38
56) 2,4-Dinitrotoluene	9.76	165	38374	7.09	ng	# 33
66) 4-Bromophenyl-phenylether	10.56	248	32308	5.81	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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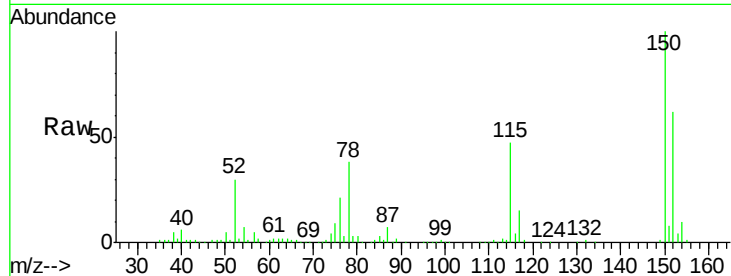




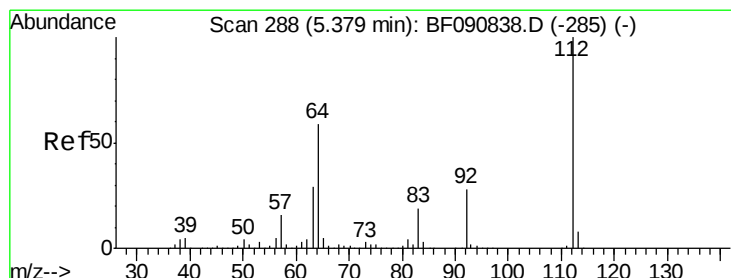
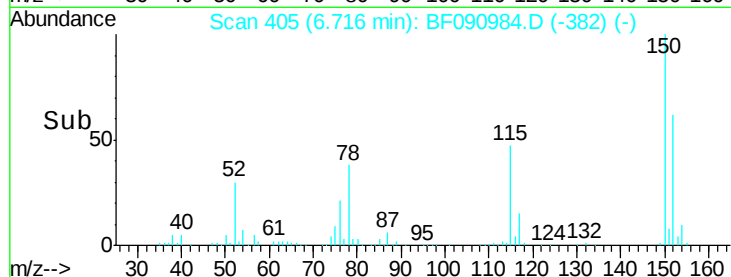
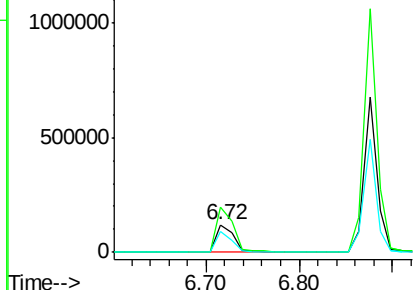
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 405
 Delta R.T. -0.03 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

Tgt Ion:152 Resp: 160525
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.7 187.1
 115 76.1 39.0 58.4#

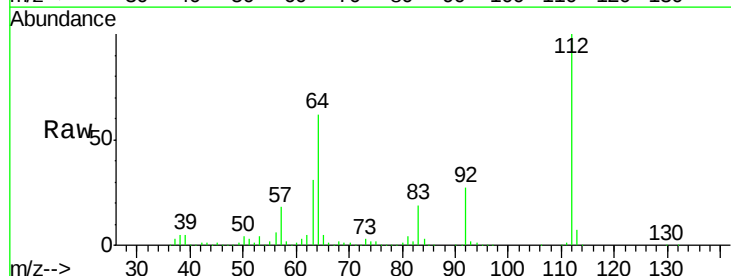


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

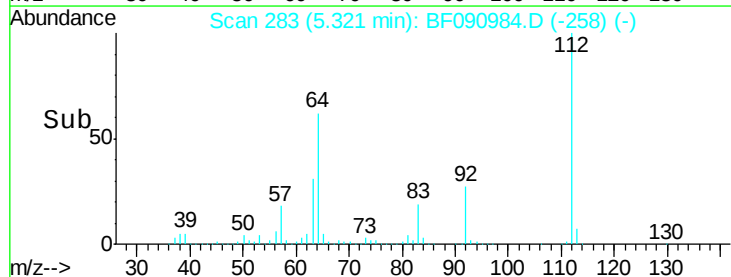
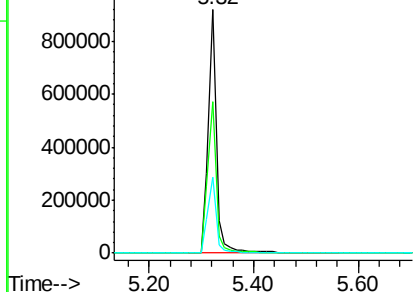


#5
 2-Fluorophenol
 Concen: 109.95 ng
 RT: 5.32 min Scan# 283
 Delta R.T. -0.01 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Tgt Ion:112 Resp: 1009519
 Ion Ratio Lower Upper
 112 100
 64 62.3 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: 75.00 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

Instrument :

BNA_F

ClientSampleId :

GW-87-8.4-16.0

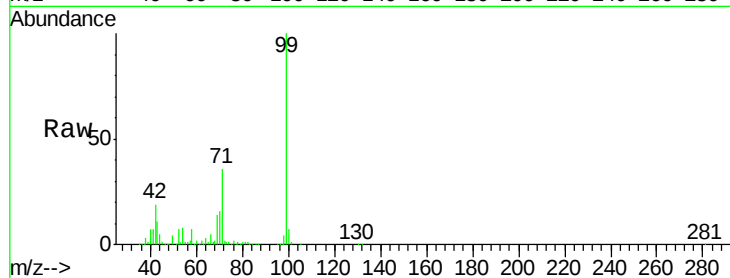
Tgt Ion: 99 Resp: 929045

Ion Ratio Lower Upper

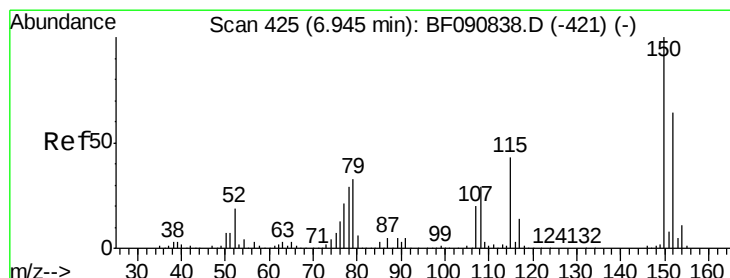
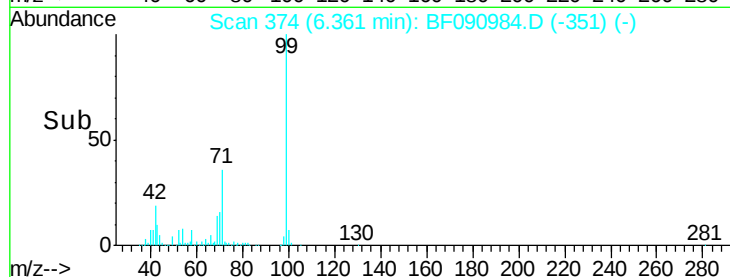
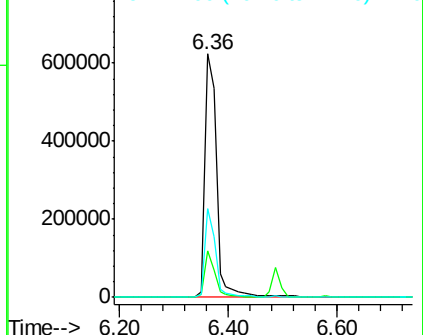
99 100

42 19.2 13.7 20.5

71 36.2 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



#15

Benzyl Alcohol

Concen: 3.19 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF090984.D

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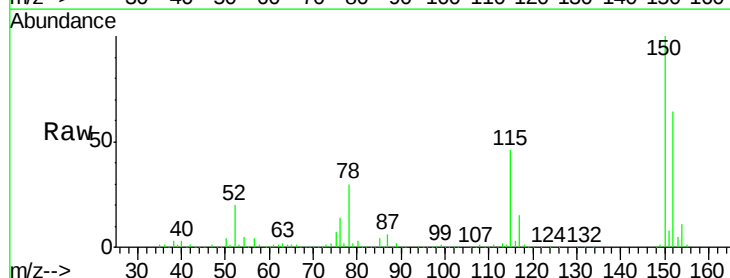
Tgt Ion: 79 Resp: 25930

Ion Ratio Lower Upper

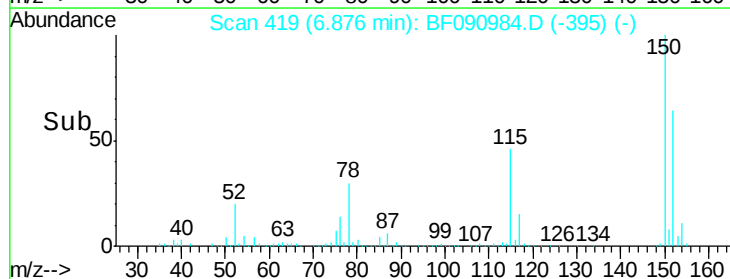
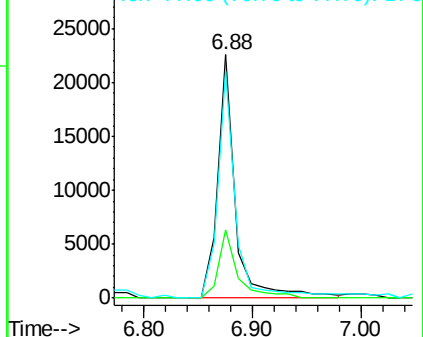
79 100

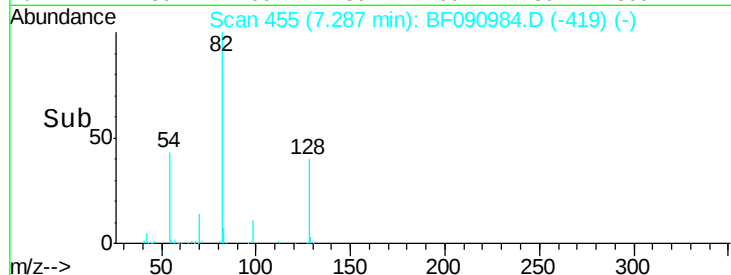
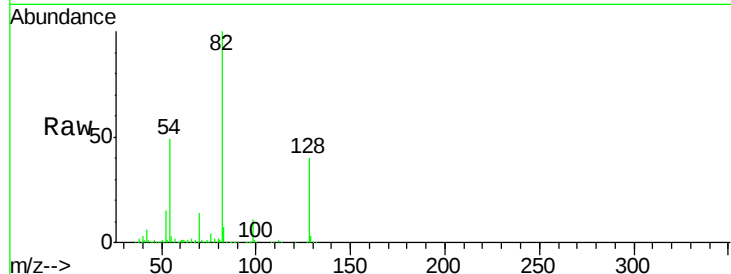
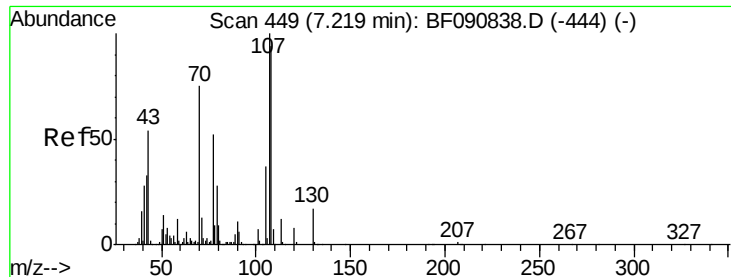
108 28.0 88.6 132.8#

77 93.3 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

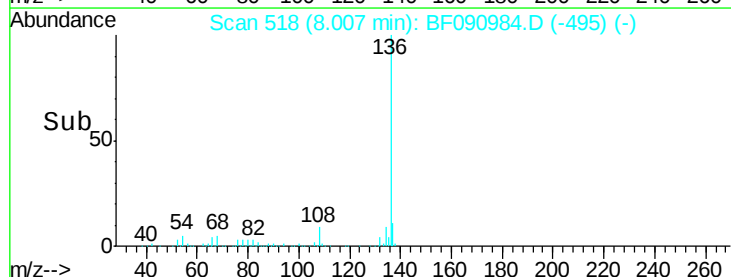
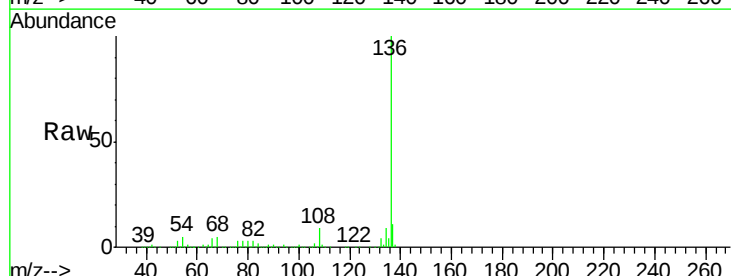
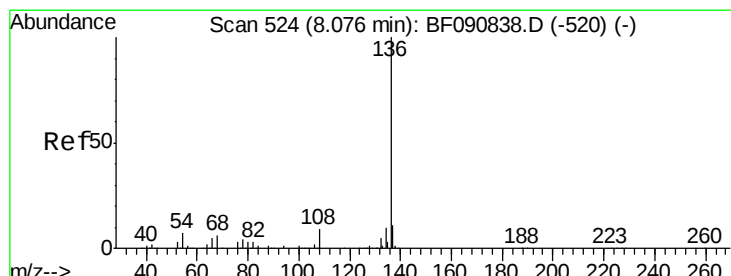
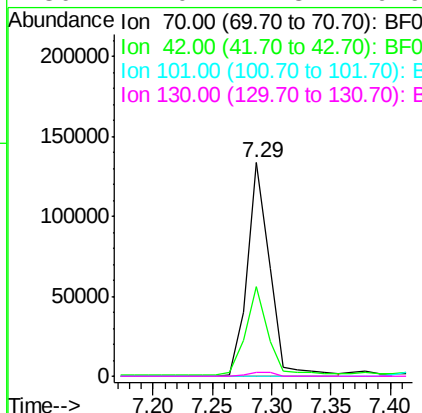




#19
n-Nitroso-di-n-propylamine
Concen: 24.73 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF090984.D
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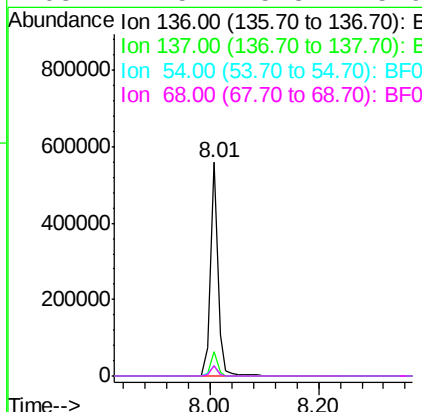
Instrument :
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ClientSampleId :
GW-87-8.4-16.0

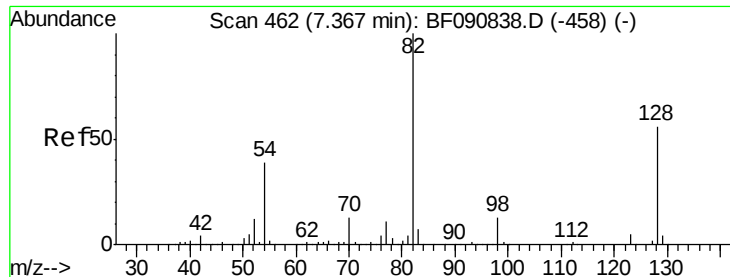
Tgt Ion: 70 Resp: 177084
Ion Ratio Lower Upper
70 100
42 41.9 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090984.D
Acq: 2 Nov 2016 17:18

Tgt Ion: 136 Resp: 536475
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 4.7 8.2 12.2#
68 4.5 5.8 8.6#

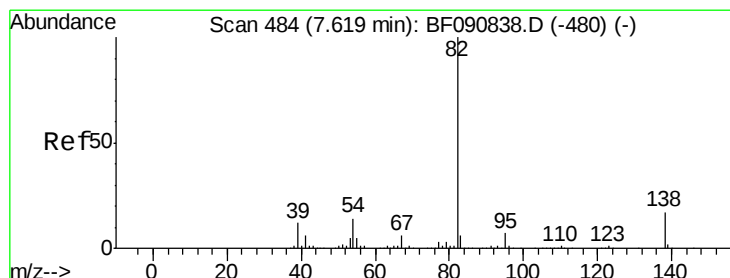
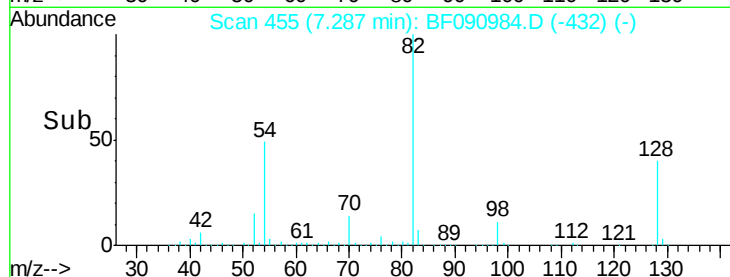
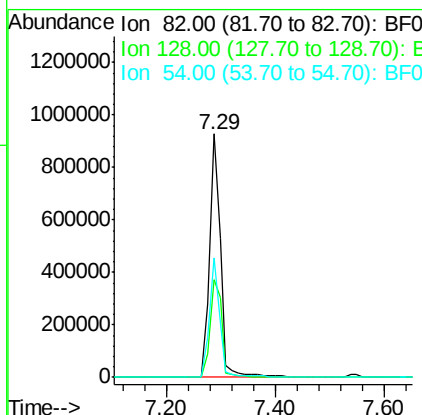
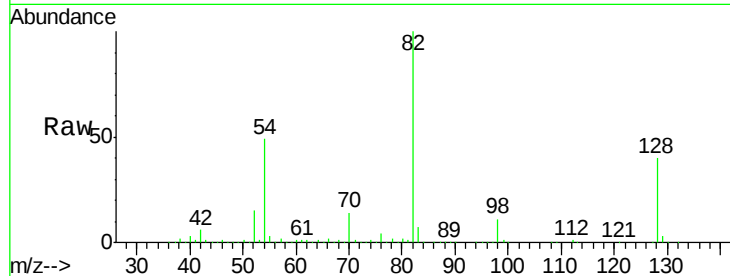




#23
 Nitrobenzene-d5
 Concen: 159.38 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

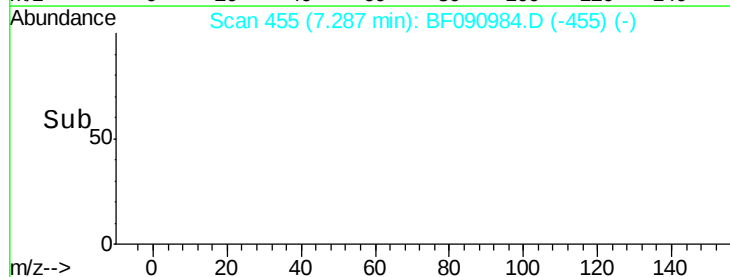
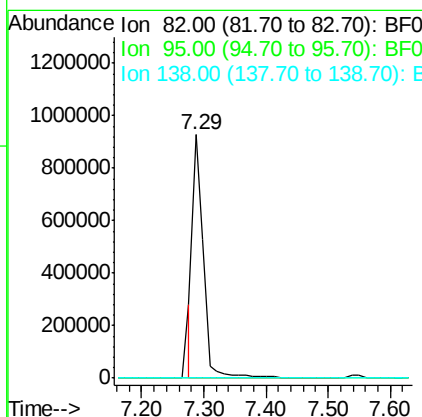
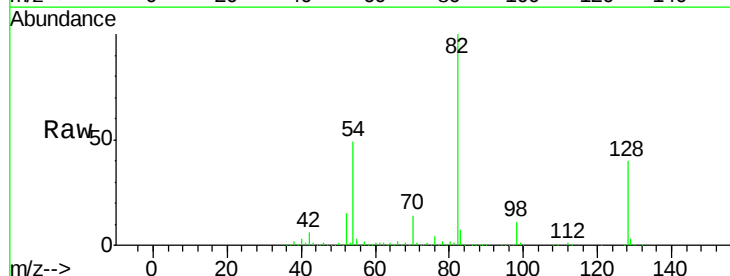
Instrument :
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 GW-87-8.4-16.0

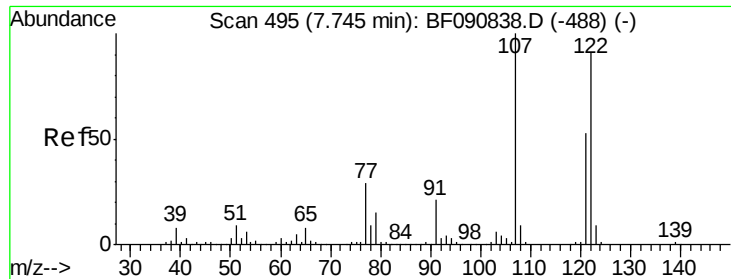
Tgt Ion: 82 Resp: 1306145
 Ion Ratio Lower Upper
 82 100
 128 40.1 51.0 76.6#
 54 49.1 47.5 71.3



#25
 Isophorone
 Concen: 65.37 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.30 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Tgt Ion: 82 Resp: 1087162
 Ion Ratio Lower Upper
 82 100
 95 0.1 4.0 6.0#
 138 0.0 18.3 27.5#

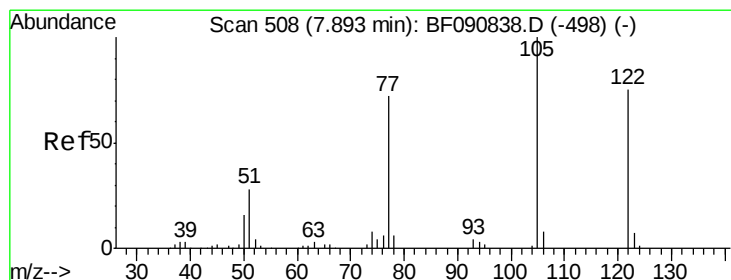
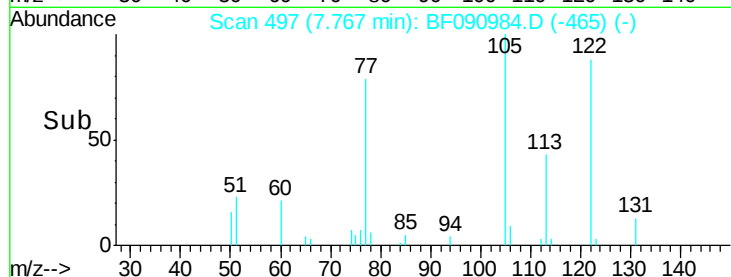
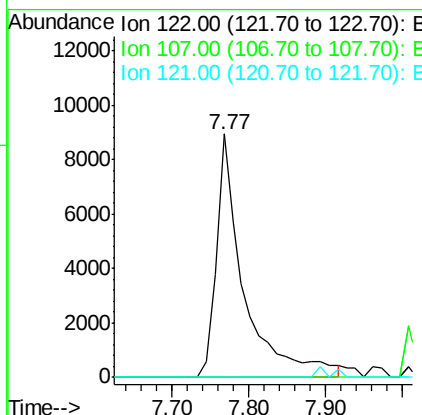
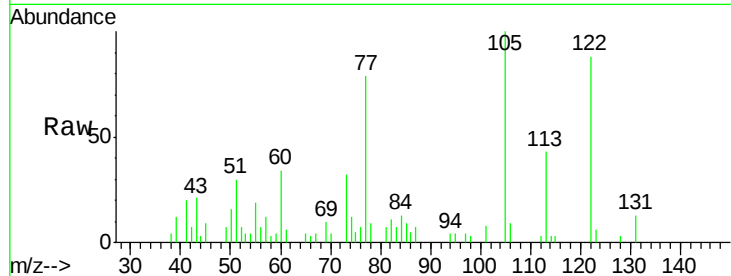




#27
 2,4-Dimethylphenol
 Concen: 2.95 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.07 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

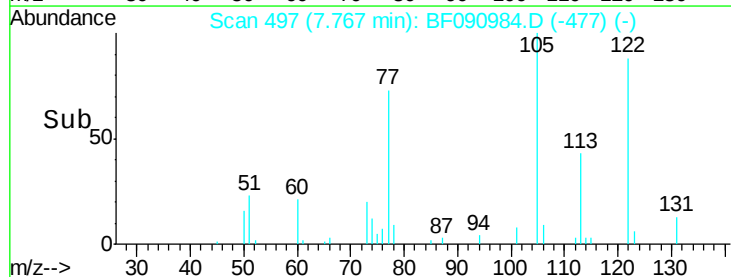
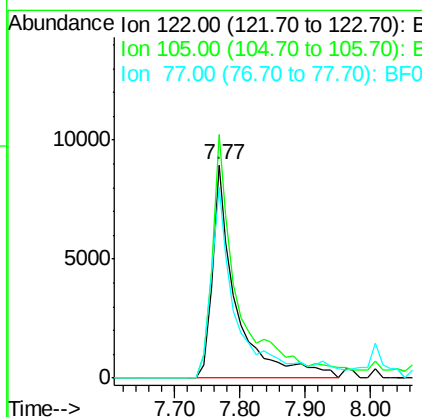
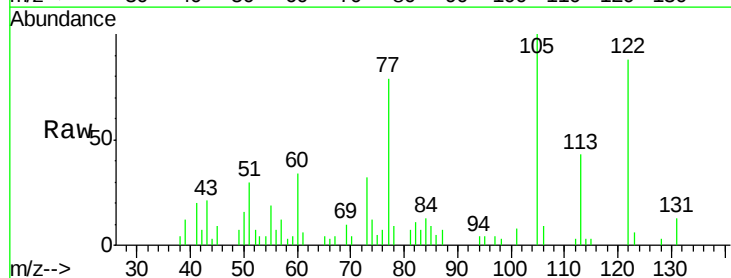
Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

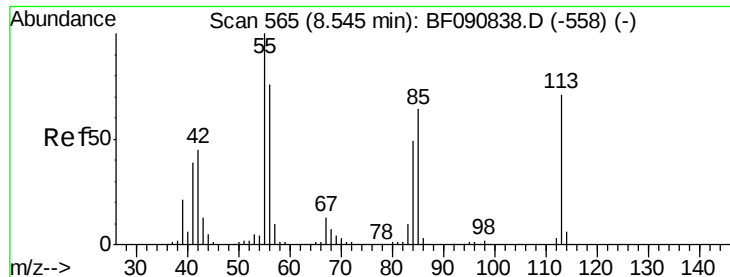
Tgt Ion:122 Resp: 22212
 Ion Ratio Lower Upper
 122 100
 107 0.0 71.8 107.6#
 121 0.0 42.3 63.5#



#32
 Benzoic acid
 Concen: 4.16 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.07 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Tgt Ion:122 Resp: 22680
 Ion Ratio Lower Upper
 122 100
 105 114.2 76.1 116.1
 77 89.7 40.5 80.5#

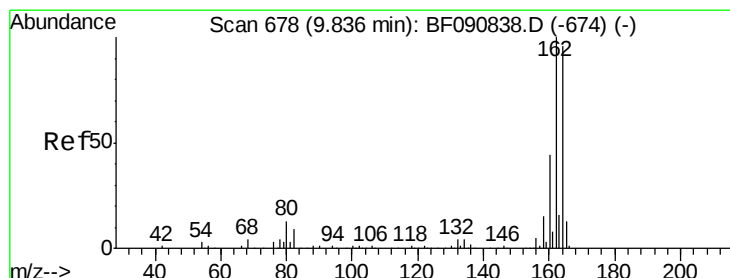
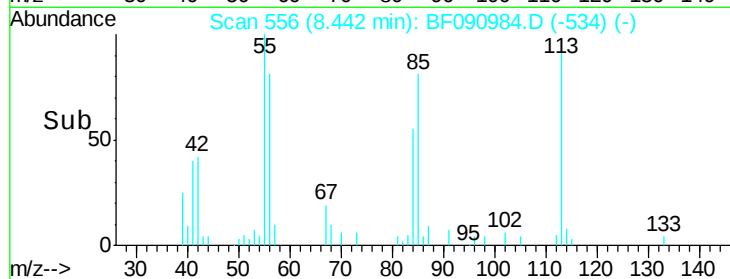
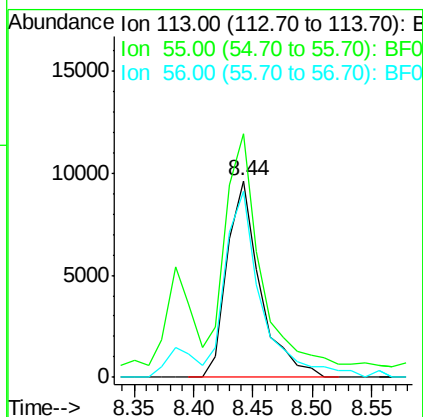
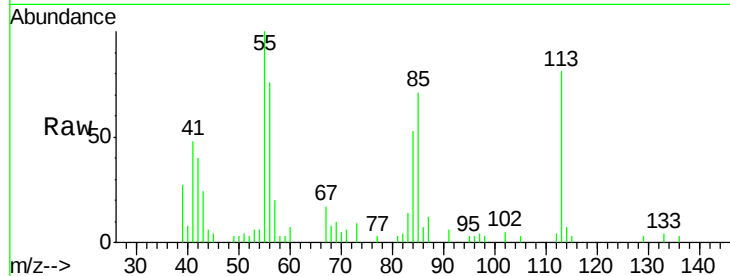




#35
 Caprolactam
 Concen: 8.60 ng
 RT: 8.44 min Scan# 556
 Delta R.T. -0.05 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

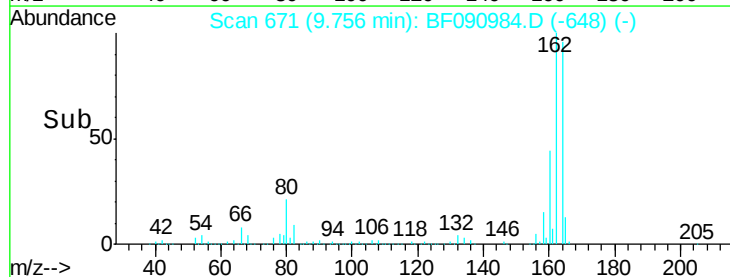
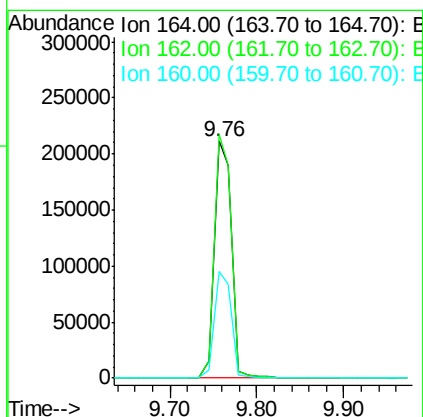
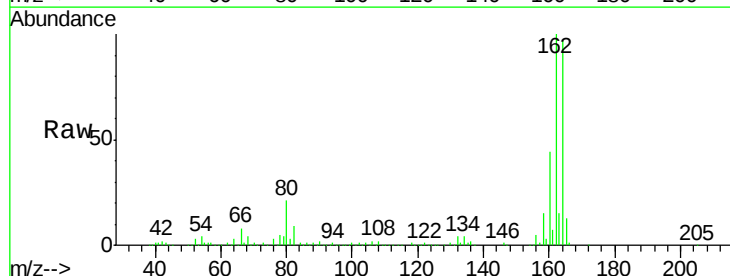
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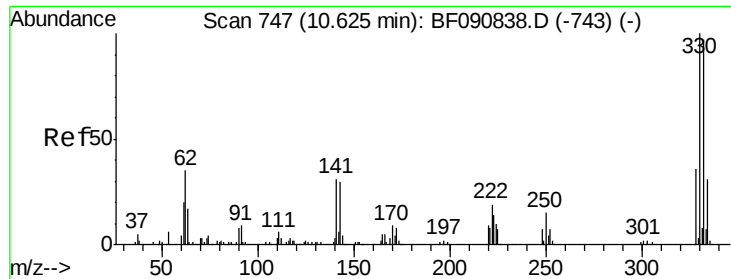
Tgt Ion:113 Resp: 18583
 Ion Ratio Lower Upper
 113 100
 55 123.8 152.4 192.4#
 56 94.4 104.6 144.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.03 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Tgt Ion:164 Resp: 295343
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 45.0 31.5 47.3

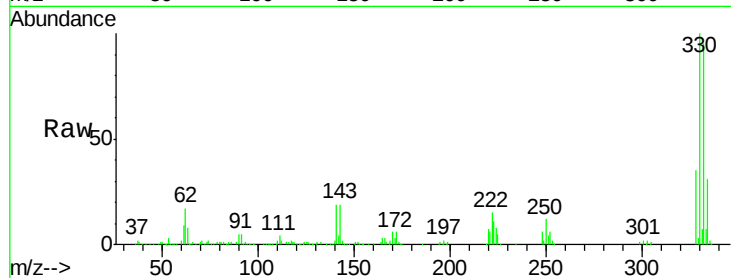




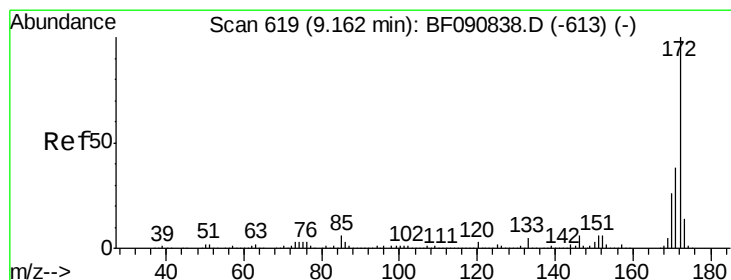
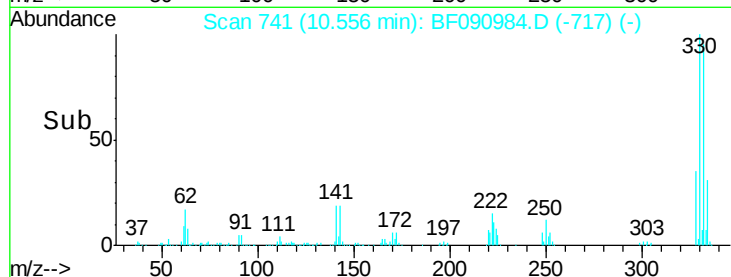
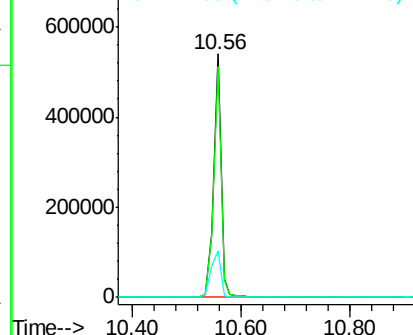
#41
 2,4,6-Tribromophenol
 Concen: 170.19 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

Tgt Ion:330 Resp: 516564
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 25.2 29.7 44.5#

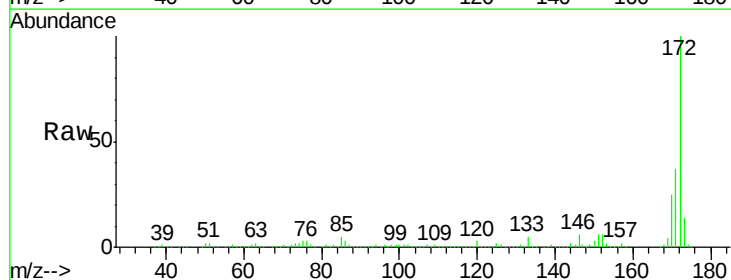


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

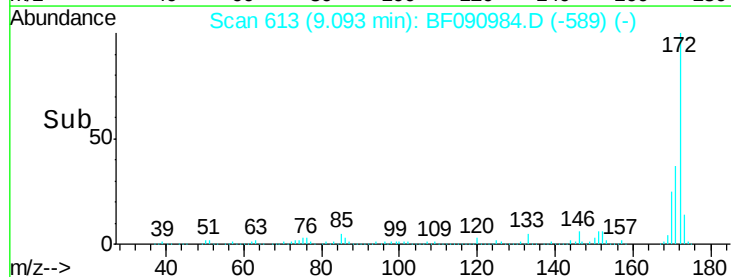
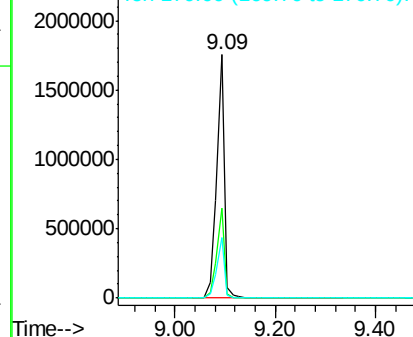


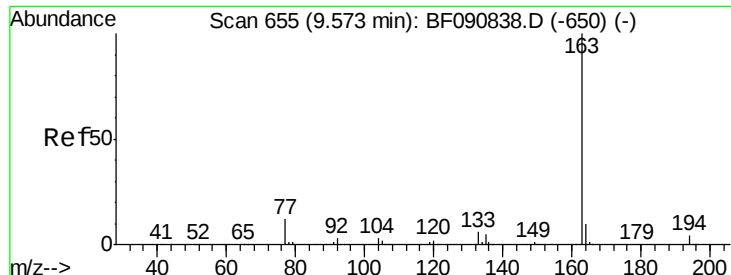
#44
 2-Fluorobiphenyl
 Concen: 110.88 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090984.D
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Tgt Ion:172 Resp: 1864922
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.1 17.4 26.2



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





#49

Dimethylphthalate

Concen: 4.38 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.03 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

Instrument :

BNA_F

ClientSampleId :

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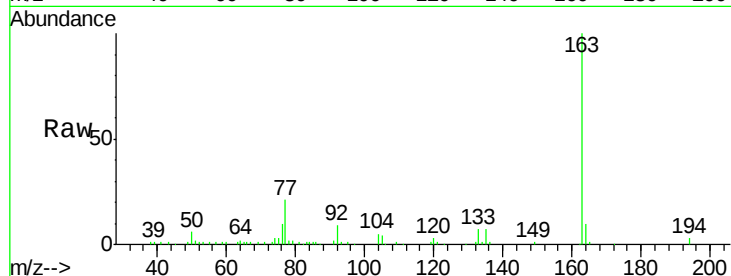
Tgt Ion:163 Resp: 86355

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

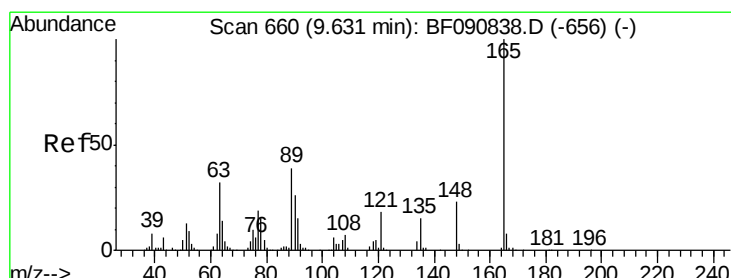
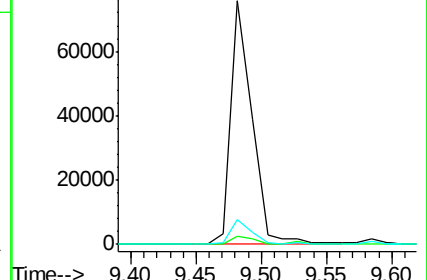
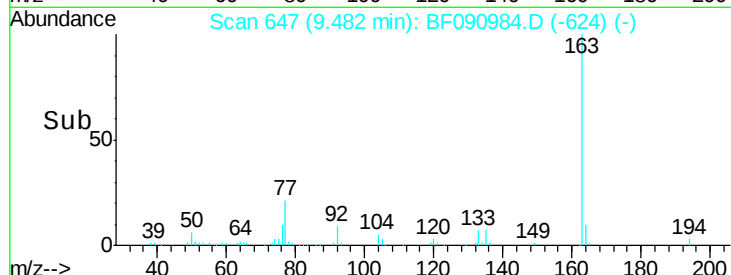
164 10.2 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 3.72 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.06 min

Lab File: BF090984.D

Acq: 2 Nov 2016 17:18

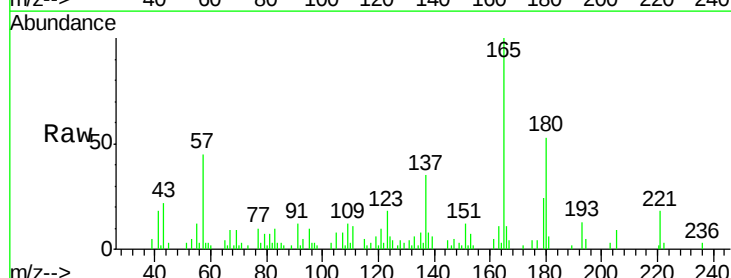
Tgt Ion:165 Resp: 16216

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

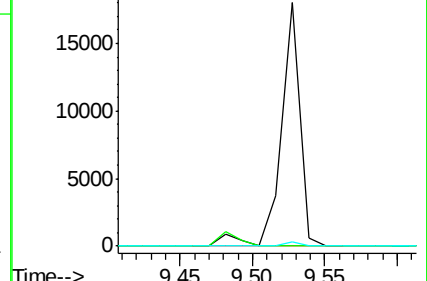
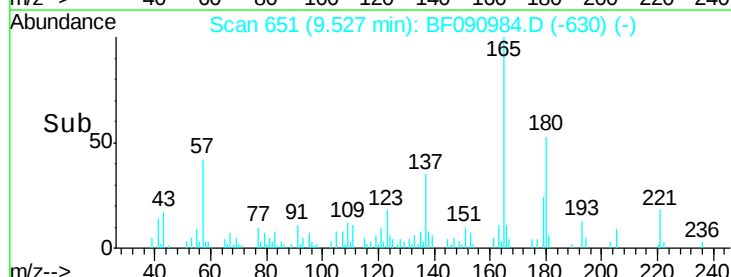
89 1.8 28.6 43.0#

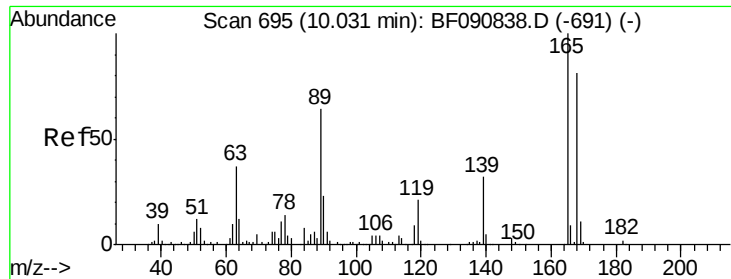


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

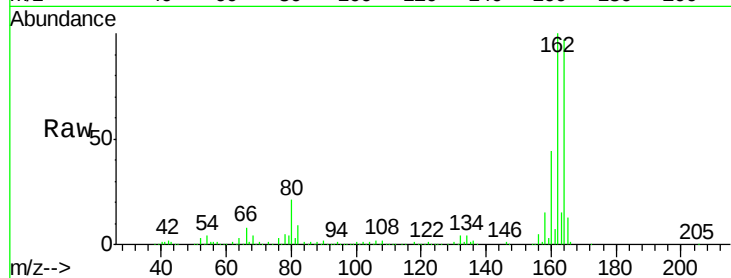




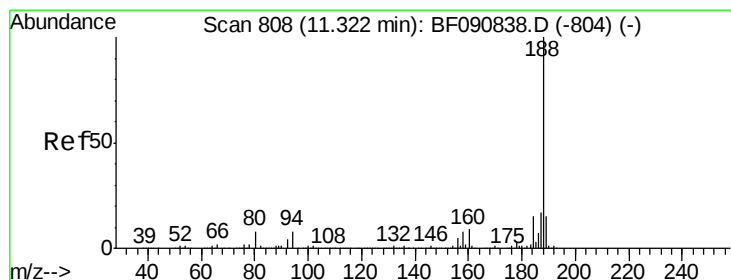
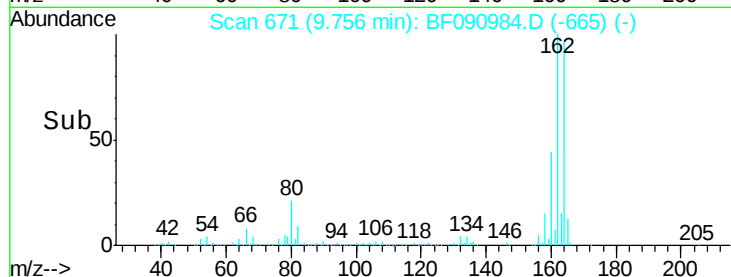
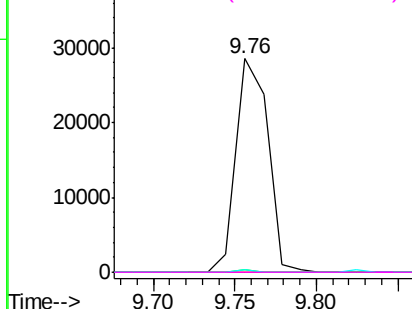
#56
 2,4-Dinitrotoluene
 Concen: 7.09 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.23 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-87-8.4-16.0

Tgt Ion:165 Resp: 38374
 Ion Ratio Lower Upper
 165 100
 63 1.2 29.8 44.6#
 89 1.1 44.5 66.7#
 182 0.0 3.0 4.4#

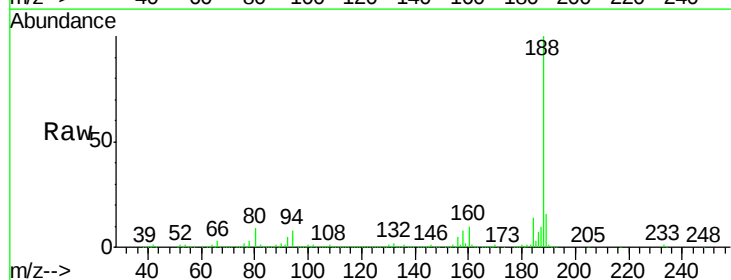


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF090984.D
 Acq: 2 Nov 2016 17:18

Tgt Ion:188 Resp: 507454
 Ion Ratio Lower Upper
 188 100
 94 8.3 11.1 16.7#
 80 8.8 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

