

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024110.D
 Acq On : 24 Sep 2016 5:38
 Operator : UM/SJ
 Sample : H4893-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

Quant Time: Sep 24 06:39:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

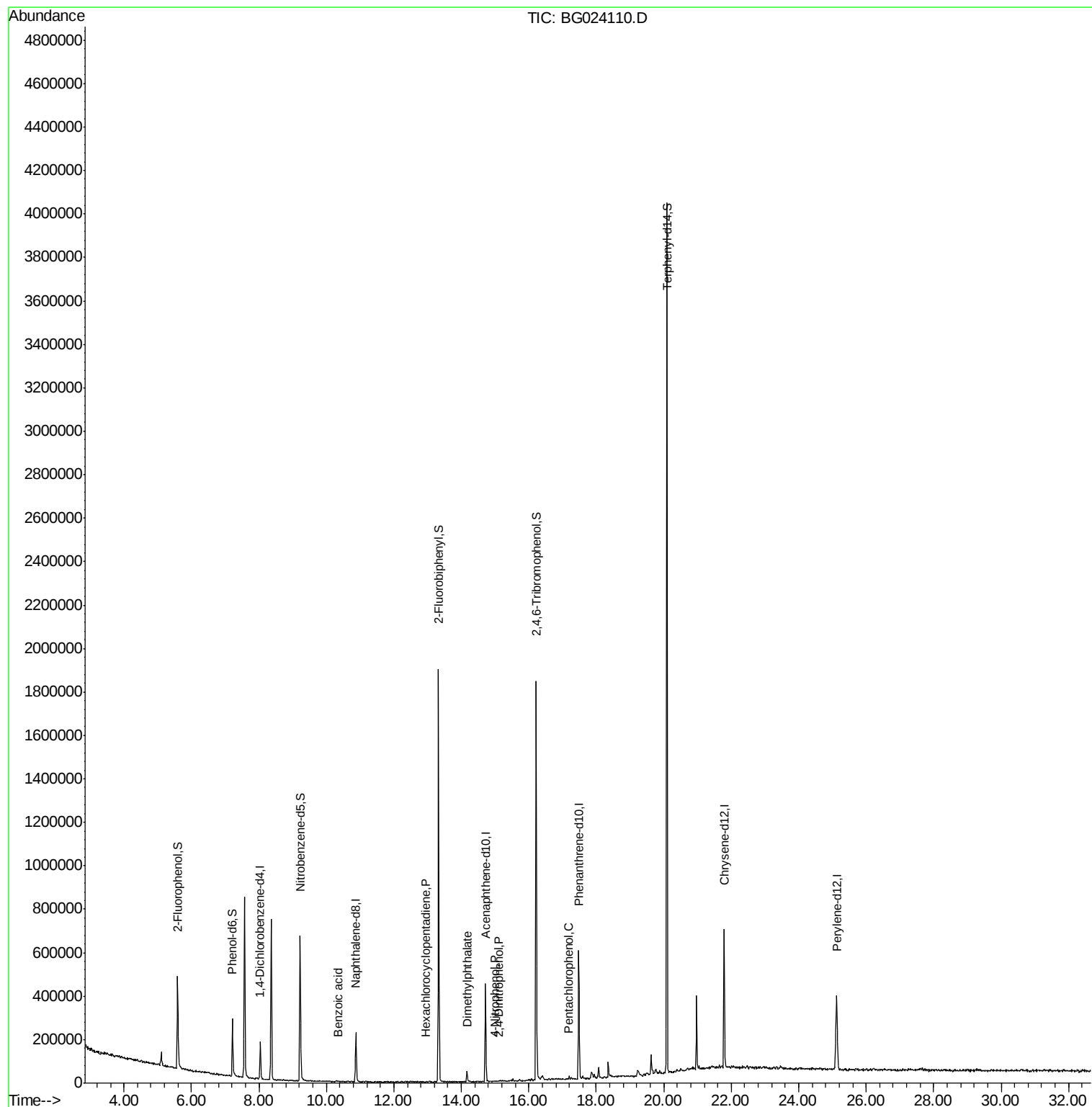
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43525	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	186257	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	155451	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	352551	20.00	ng	0.00
75) Chrysene-d12	21.79	240	404564	20.00	ng	0.00
86) Perylene-d12	25.12	264	389828	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	172230	68.55	ng	0.00
7) Phenol-d6	7.21	99	167641	39.66	ng	0.00
23) Nitrobenzene-d5	9.22	82	463087	97.99	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	321019	143.67	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	913267	98.75	ng	0.00
78) Terphenyl-d14	20.09	244	1588851	80.42	ng	0.00
Target Compounds						
32) Benzoic acid	10.35	122	62	2.18	ng	# 28
40) Hexachlorocyclopentadiene	12.95	237	69	3.62	ng	# 26
49) Dimethylphthalate	14.17	163	34253	2.87	ng	# 94
53) 2,4-Dinitrophenol	15.09	184	104	2.53	ng	# 10
55) 4-Nitrophenol	14.99	139	108	5.40	ng	# 1
69) Pentachlorophenol	17.18	266	263	3.67	ng	# 18

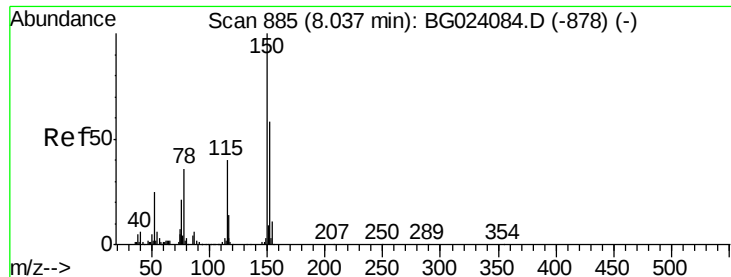
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_G
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Quant Time: Sep 24 06:39:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

Instrument :

BNA_G

ClientSampled :

PZ-4

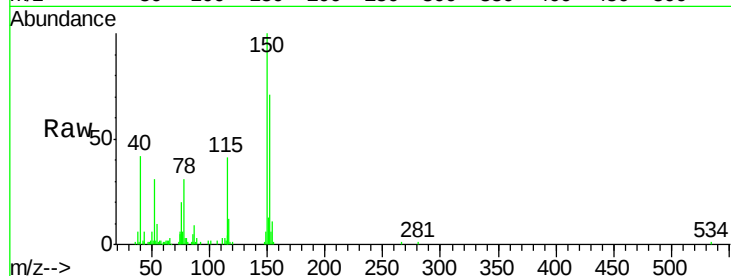
Tgt Ion:152 Resp: 43525

Ion Ratio Lower Upper

152 100

150 140.3 144.7 217.1#

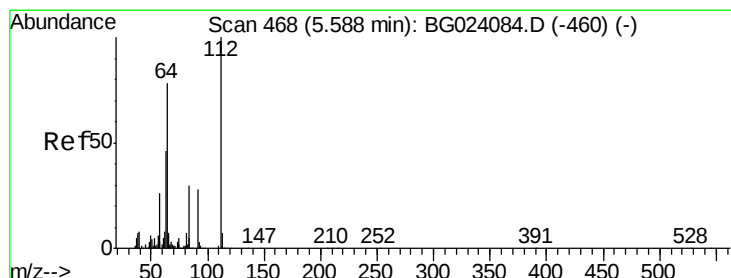
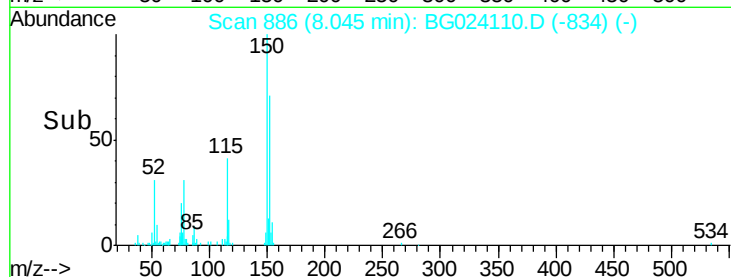
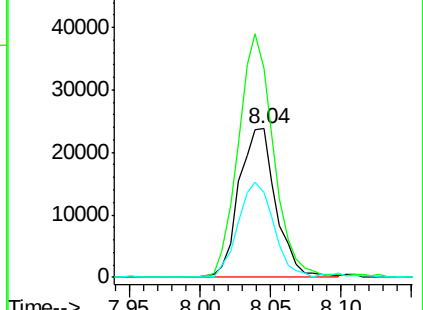
115 57.2 64.0 96.0#



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: 68.55 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

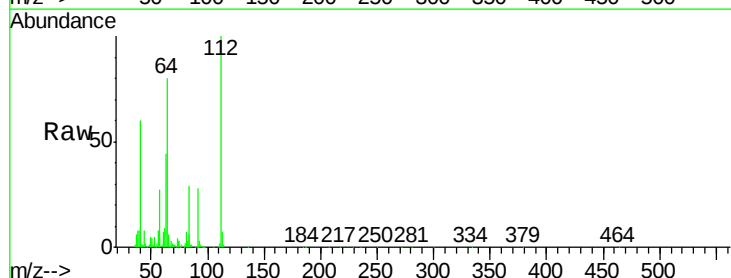
Tgt Ion:112 Resp: 172230

Ion Ratio Lower Upper

112 100

64 80.0 59.0 88.4

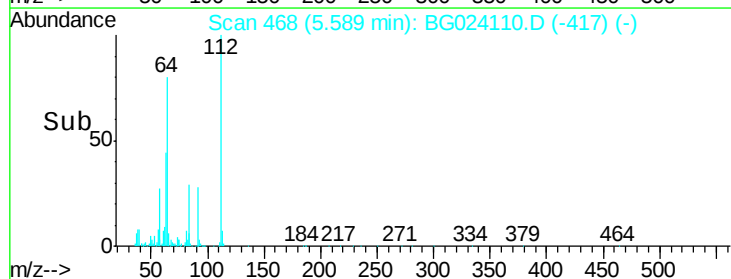
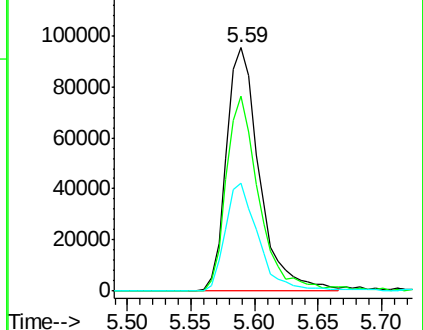
63 44.3 37.8 56.8

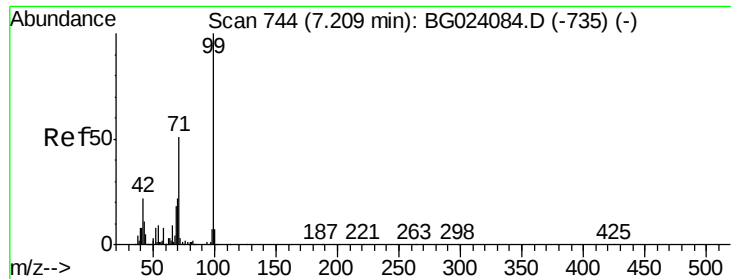


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.66 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

Instrument :

BNA_G

ClientSampleId :

PZ-4

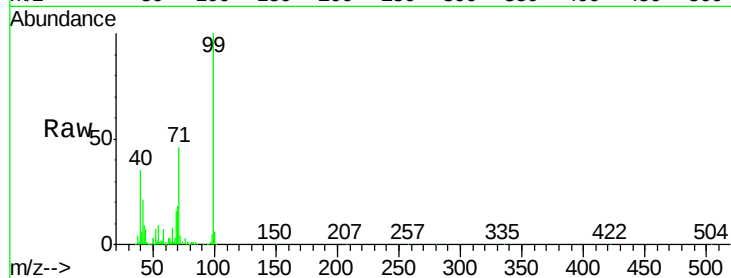
Tgt Ion: 99 Resp: 167641

Ion Ratio Lower Upper

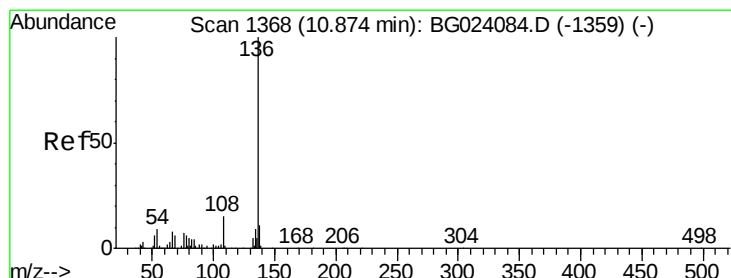
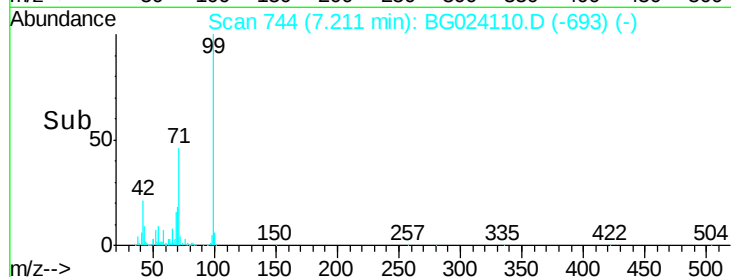
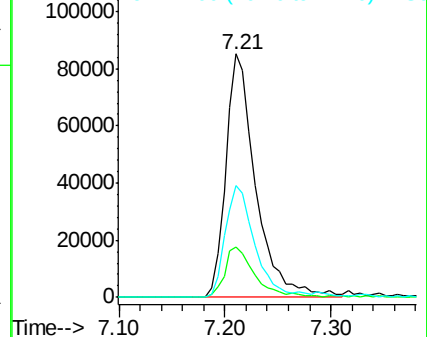
99 100

42 20.7 17.8 26.6

71 46.1 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

Tgt Ion: 136 Resp: 186257

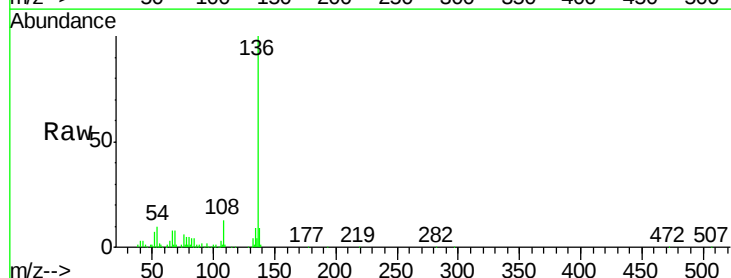
Ion Ratio Lower Upper

136 100

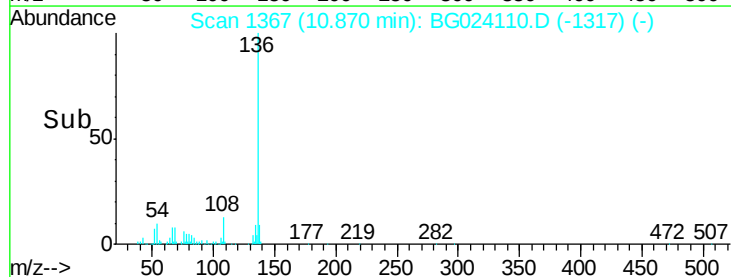
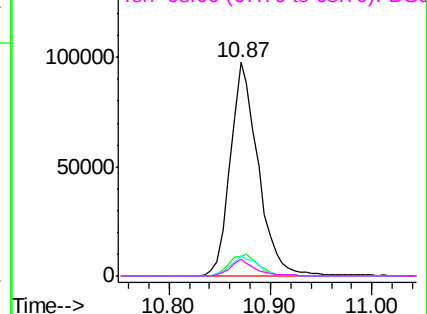
137 8.9 9.6 14.4#

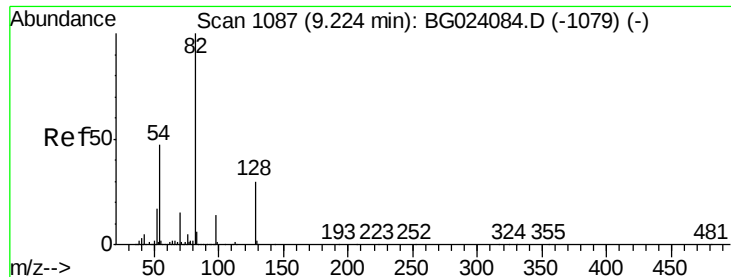
54 9.8 7.3 10.9

68 7.7 5.3 7.9



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

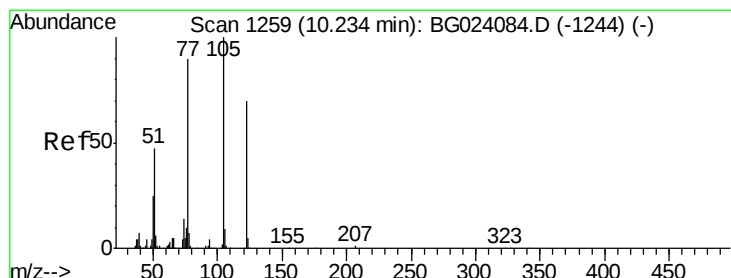
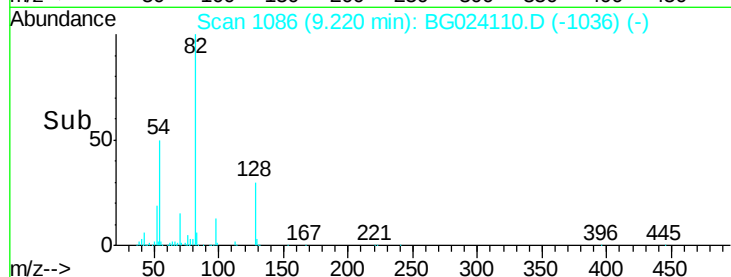
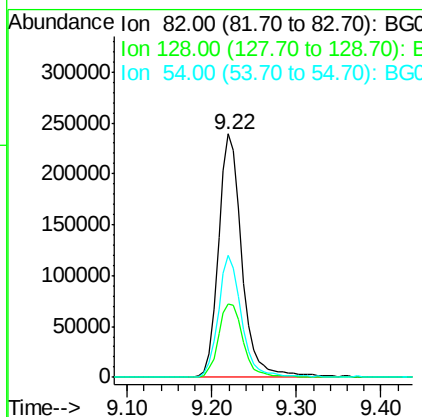
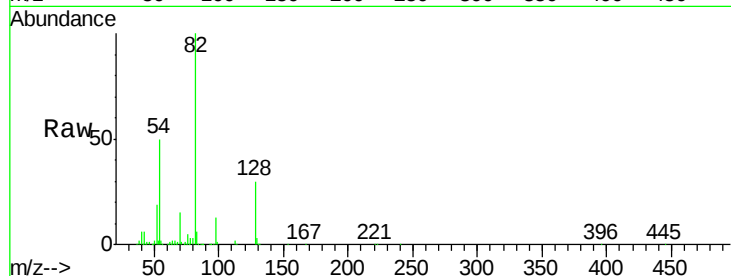




#23
 Nitrobenzene-d5
 Concen: 97.99 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024110.D
 Acq: 24 Sep 2016 5:38

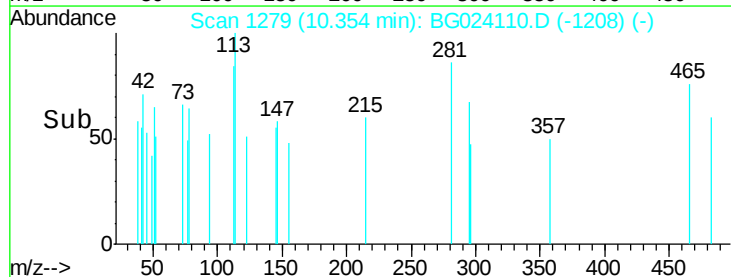
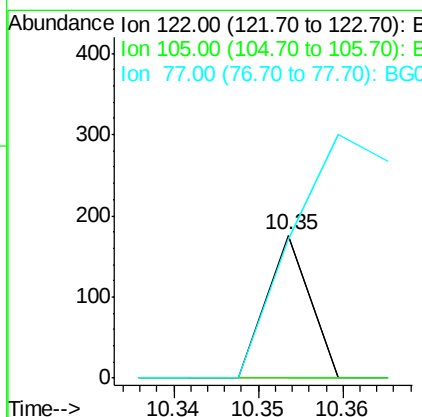
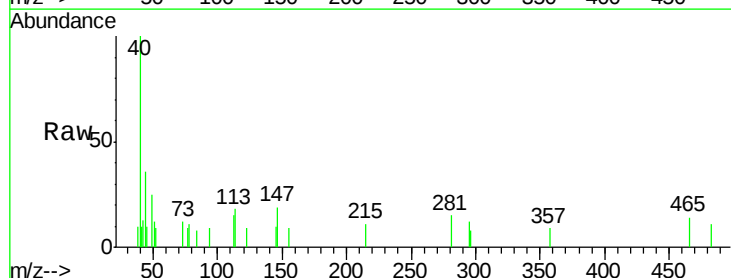
Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

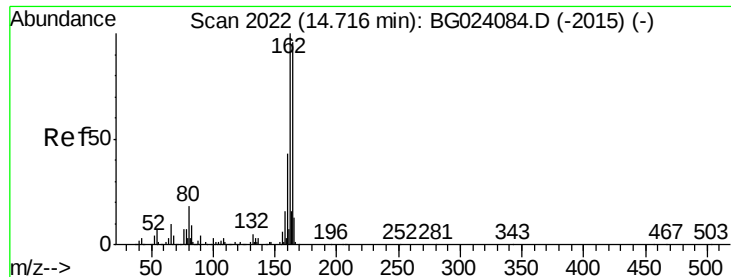
Tgt Ion: 82 Resp: 463087
 Ion Ratio Lower Upper
 82 100
 128 29.9 24.4 36.6
 54 50.1 41.4 62.0



#32
 Benzoic acid
 Concen: 2.18 ng
 RT: 10.35 min Scan# 1279
 Delta R.T. 0.12 min
 Lab File: BG024110.D
 Acq: 24 Sep 2016 5:38

Tgt Ion: 122 Resp: 62
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 97.2 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

Instrument :

BNA_G

ClientSampled :

PZ-4

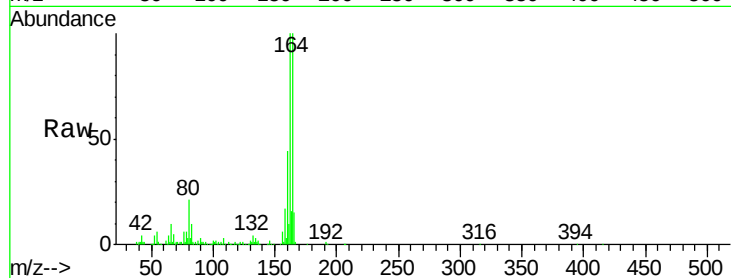
Tgt Ion:164 Resp: 155451

Ion Ratio Lower Upper

164 100

162 100.0 87.7 131.5

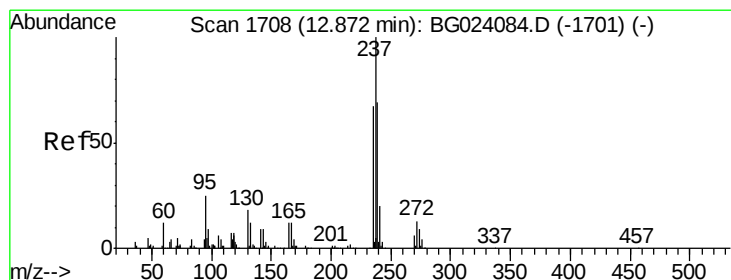
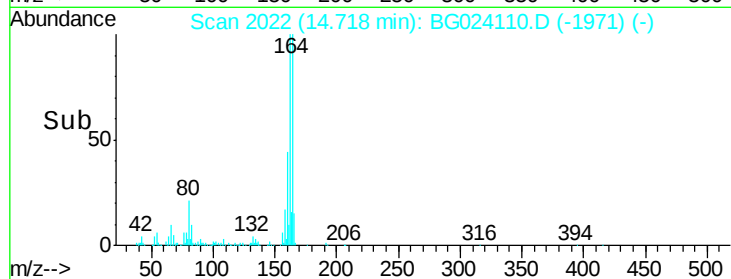
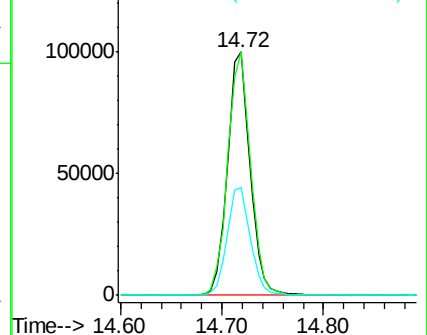
160 44.3 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 3.62 ng

RT: 12.95 min Scan# 1721

Delta R.T. 0.08 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

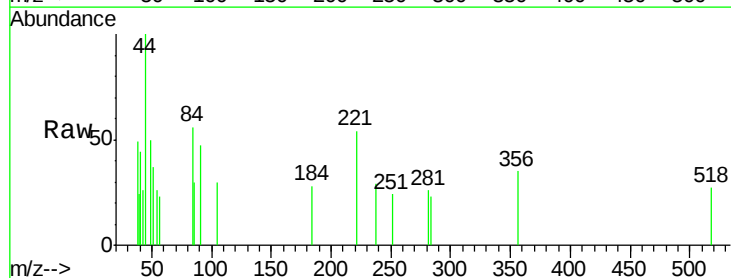
Tgt Ion:237 Resp: 69

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

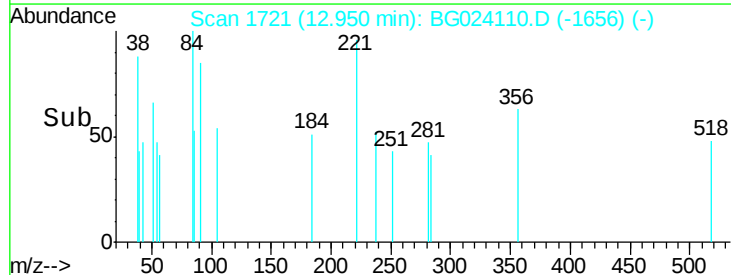
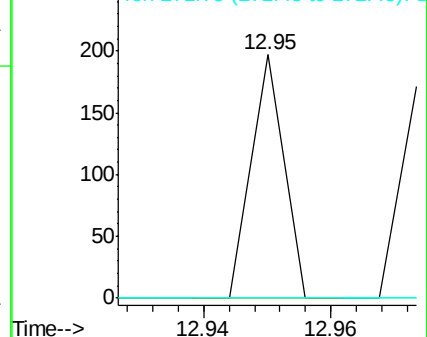
272 0.0 0.0 30.9

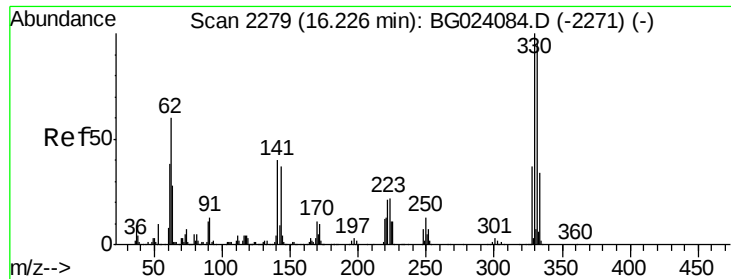


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

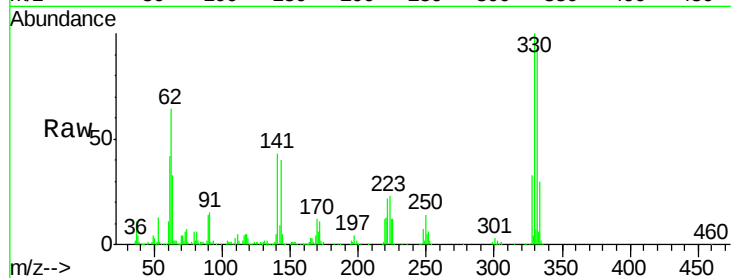




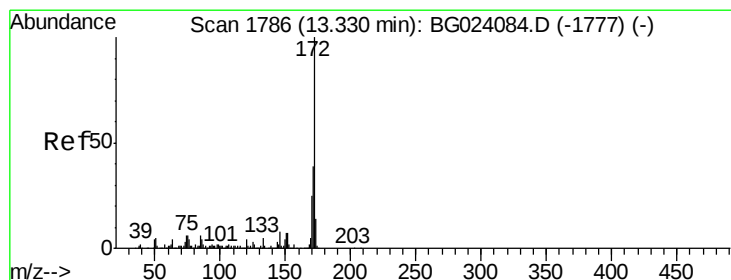
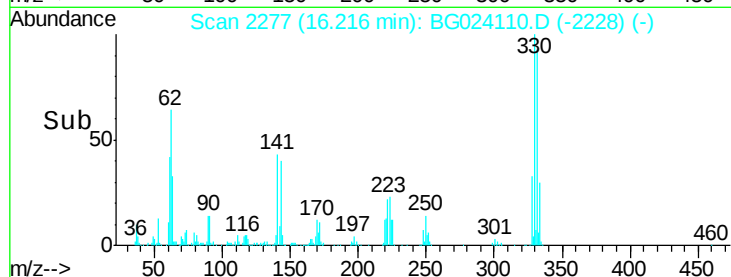
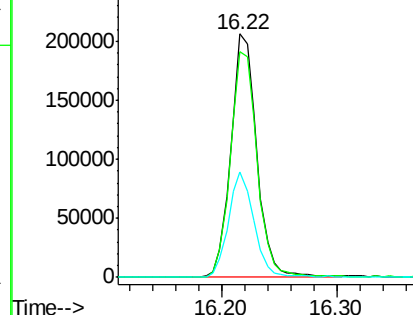
#41
 2,4,6-Tribromophenol
 Concen: 143.67 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024110.D
 Acq: 24 Sep 2016 5:38

Instrument :
 BNA_G
 ClientSampled :
 PZ-4

Tgt Ion:330 Resp: 321019
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 42.7 31.7 47.5

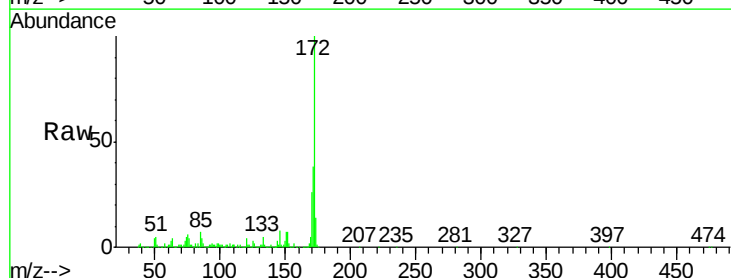


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

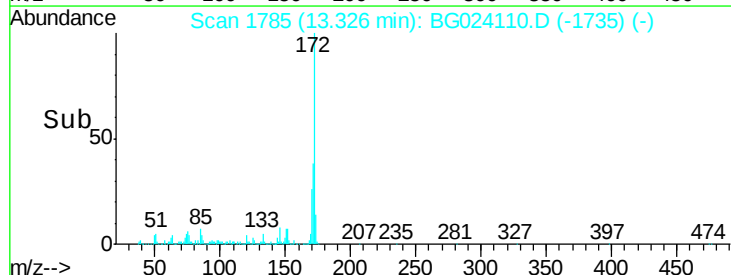
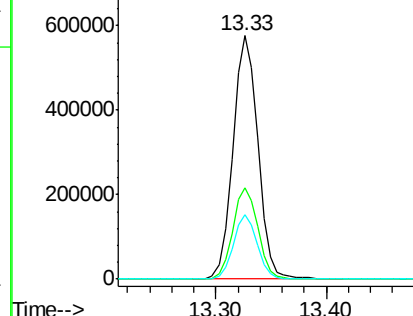


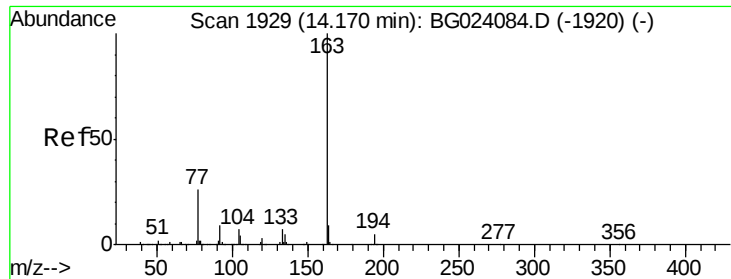
#44
 2-Fluorobiphenyl
 Concen: 98.75 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024110.D
 Acq: 24 Sep 2016 5:38

Tgt Ion:172 Resp: 913267
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.6 47.4
 170 26.3 21.3 31.9



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: 2.87 ng

RT: 14.17 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

Instrument :

BNA_G

ClientSampled :

PZ-4

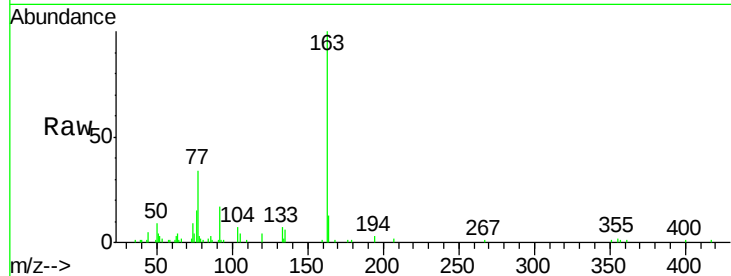
Tgt Ion:163 Resp: 34253

Ion Ratio Lower Upper

163 100

194 2.7 3.6 5.4#

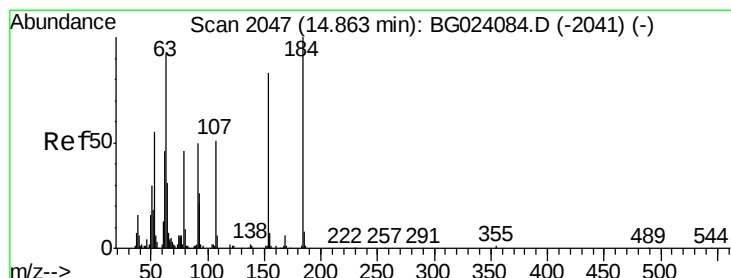
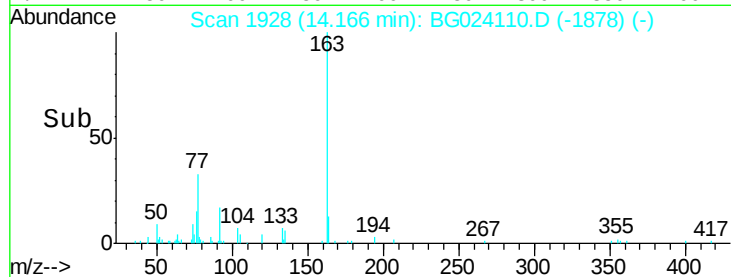
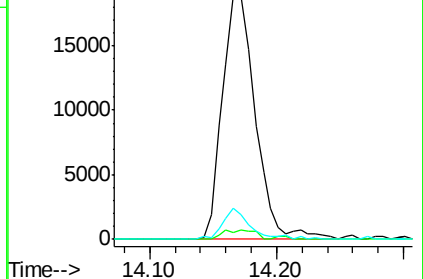
164 12.7 8.1 12.1#



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



#53

2,4-Dinitrophenol

Concen: 2.53 ng

RT: 15.09 min Scan# 2086

Delta R.T. 0.23 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

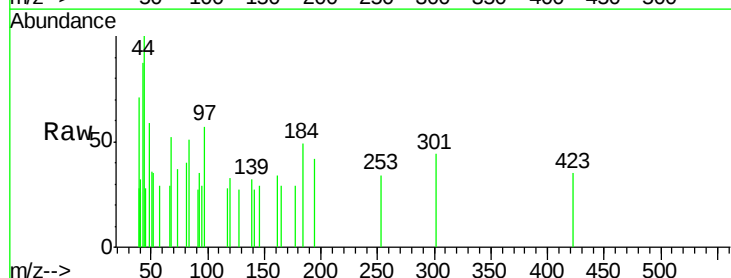
Tgt Ion:184 Resp: 104

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

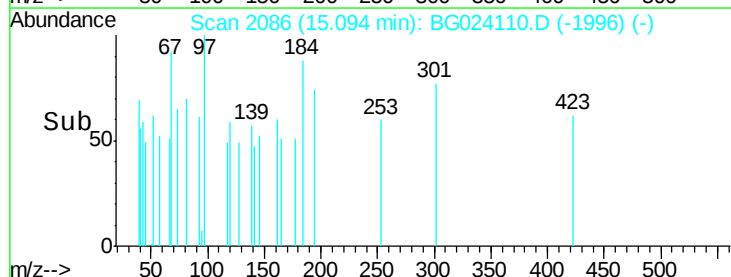
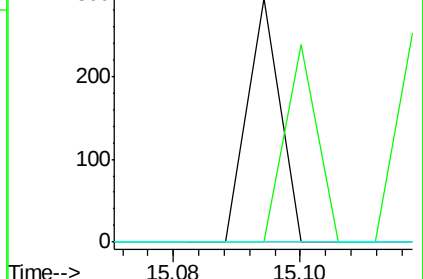
154 0.0 67.4 101.0#

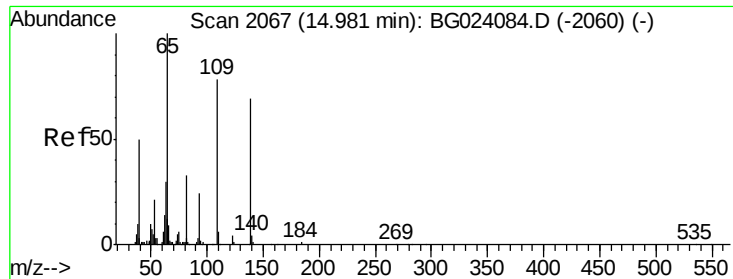


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

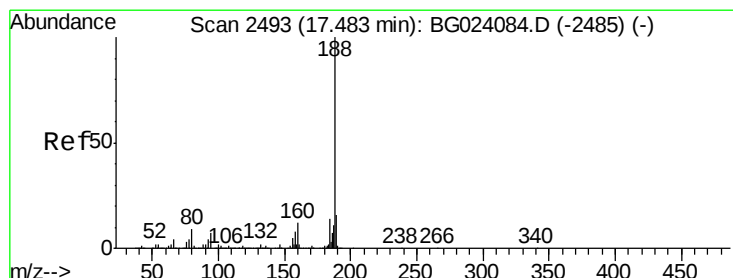
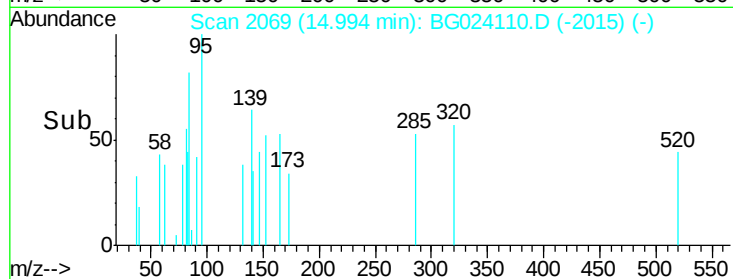
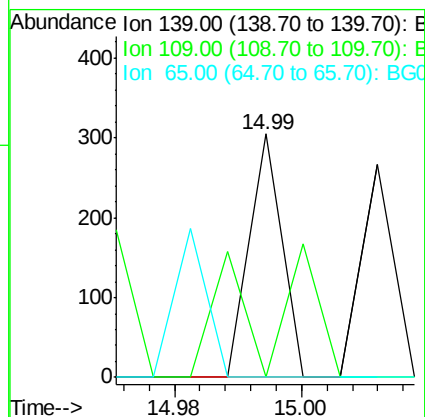
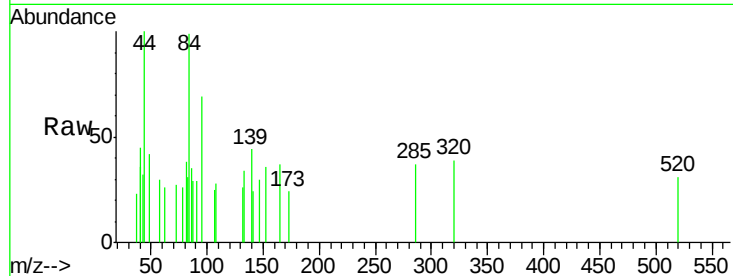




#55
4-Nitrophenol
Concen: 5.40 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG024110.D
Acq: 24 Sep 2016 5:38

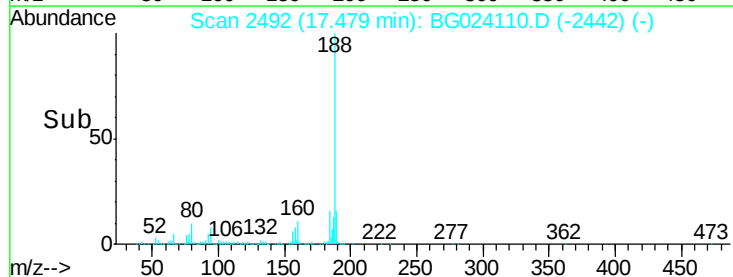
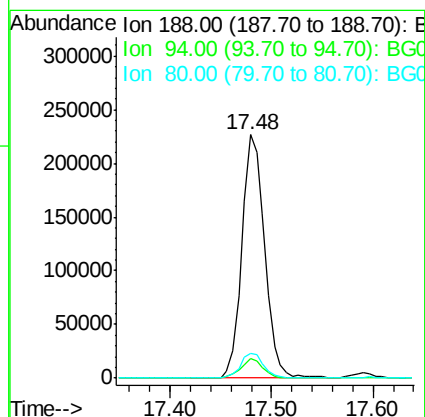
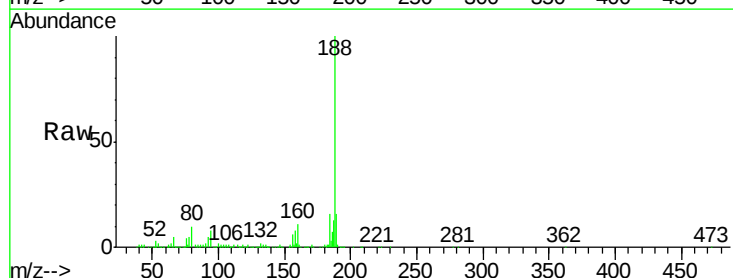
Instrument :
BNA_G
ClientSampleId :
PZ-4

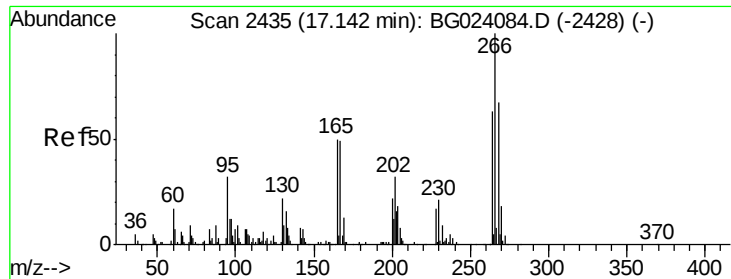
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	103.0	143.0#
65	0.0	112.7	152.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG024110.D
Acq: 24 Sep 2016 5:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.2	7.8#
80	10.4	7.2	10.8

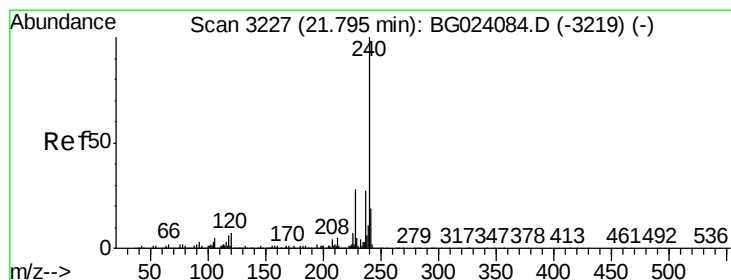
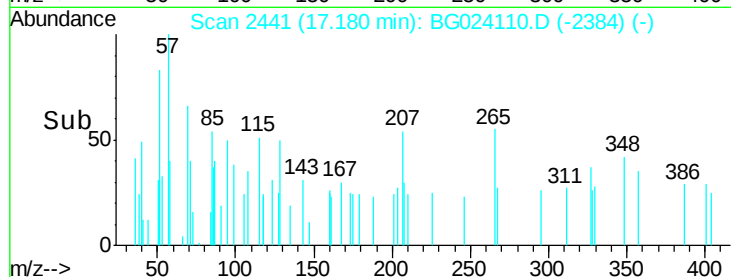
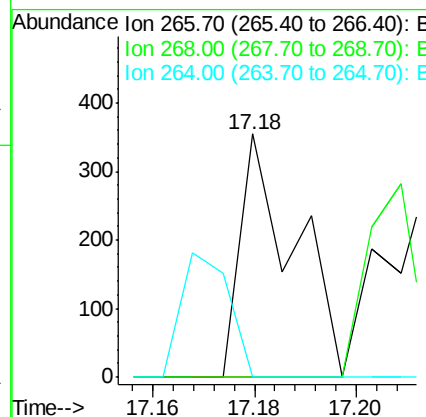
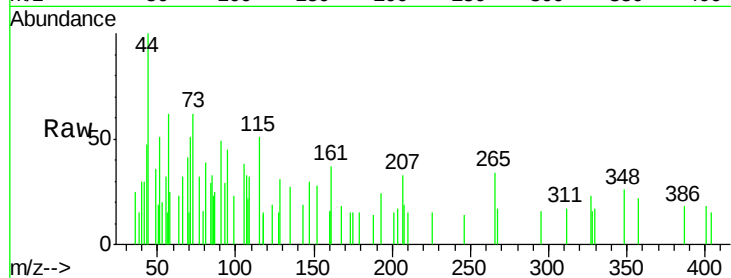




#69
 Pentachlorophenol
 Concen: 3.67 ng
 RT: 17.18 min Scan# 2441
 Delta R.T. 0.04 min
 Lab File: BG024110.D
 Acq: 24 Sep 2016 5:38

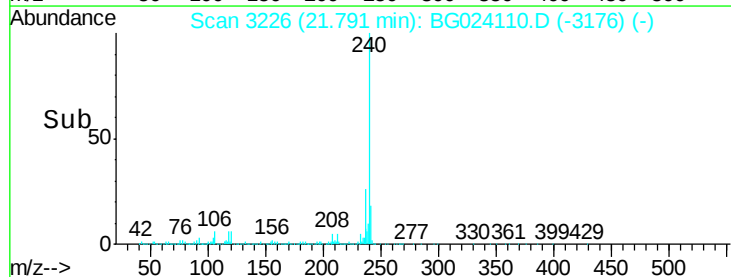
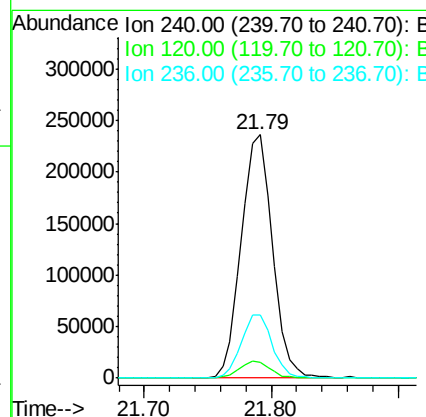
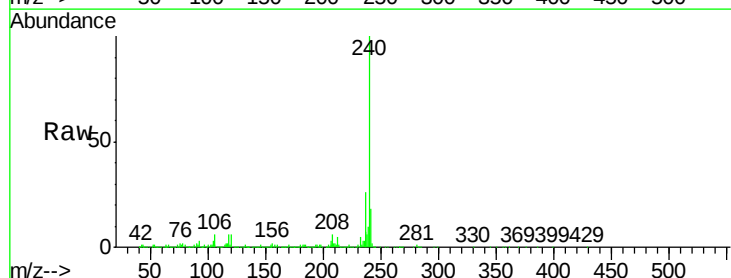
Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

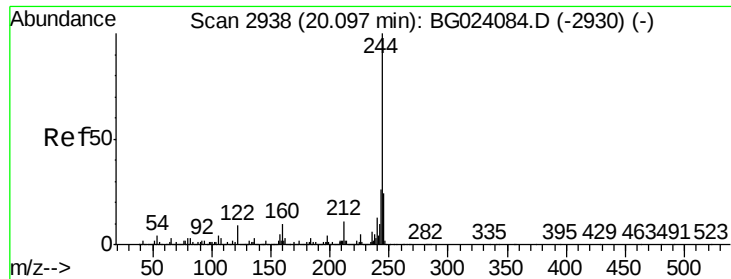
Tgt Ion: 266 Resp: 263
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.9 77.9#
 264 0.0 50.6 75.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: BG024110.D
 Acq: 24 Sep 2016 5:38

Tgt Ion: 240 Resp: 404564
 Ion Ratio Lower Upper
 240 100
 120 6.5 4.1 6.1#
 236 25.9 21.1 31.7





#78

Terphenyl-d14

Concen: 80.42 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

Instrument :

BNA_G

ClientSampleId :

PZ-4

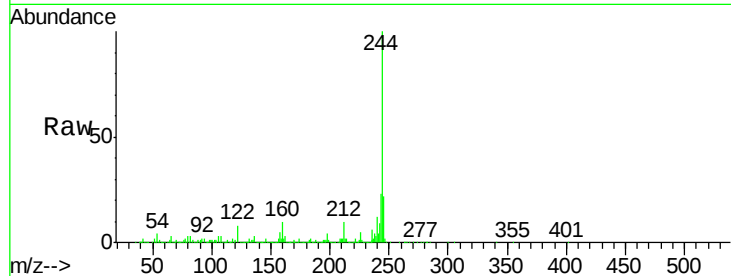
Tgt Ion:244 Resp: 1588851

Ion Ratio Lower Upper

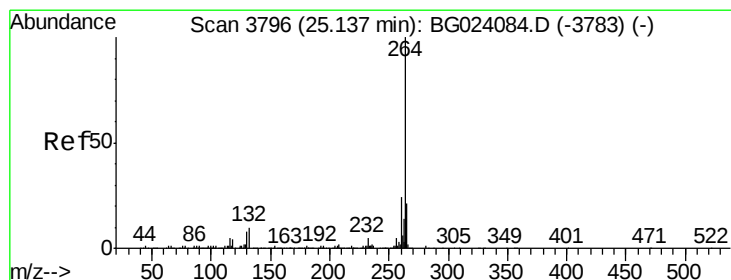
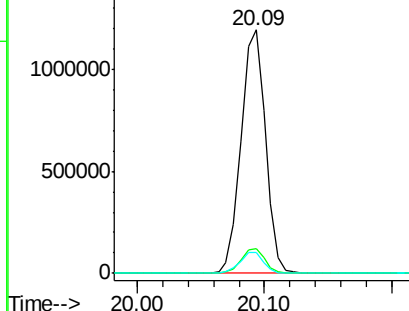
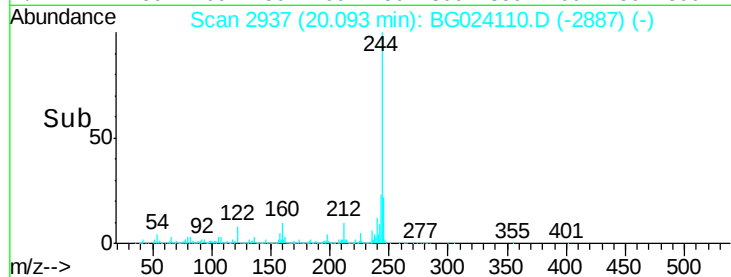
244 100

212 10.3 10.8 16.2#

122 8.4 8.0 12.0



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: 25.12 min Scan# 3793

Delta R.T. -0.02 min

Lab File: BG024110.D

Acq: 24 Sep 2016 5:38

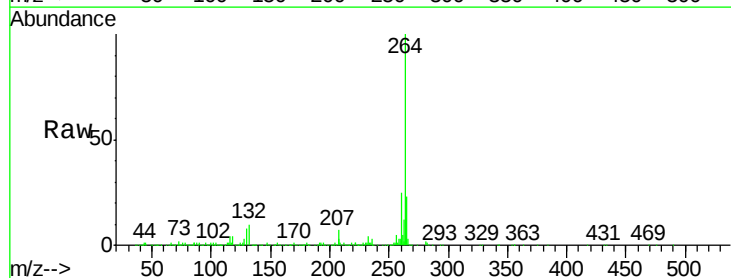
Tgt Ion:264 Resp: 389828

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 22.7 18.9 28.3



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

