

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024114.D
 Acq On : 24 Sep 2016 8:11
 Operator : UM/SJ
 Sample : H4893-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

Quant Time: Sep 26 00:48:45 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

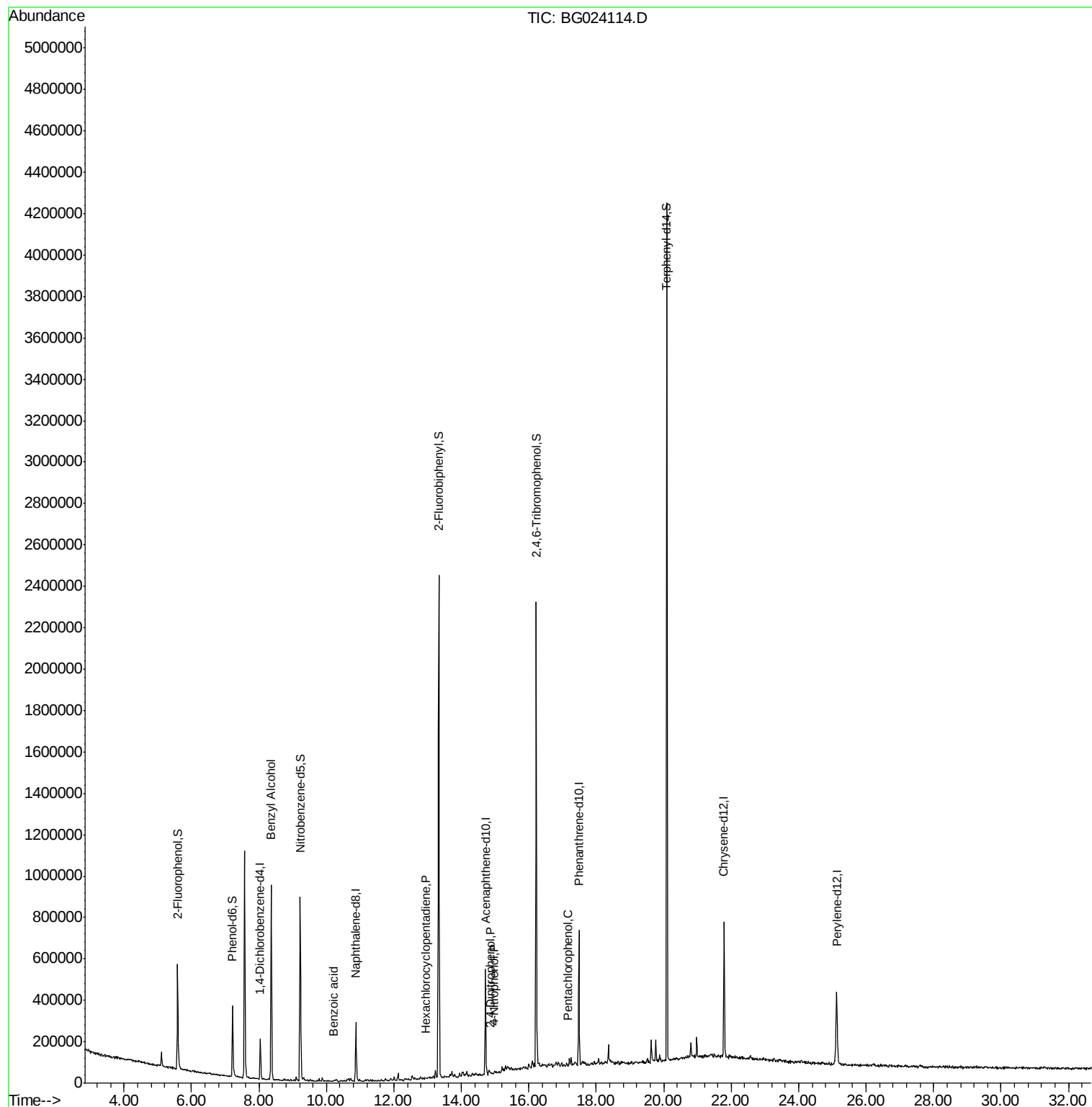
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47690	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	225905	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	176705	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	380027	20.00	ng	0.00
75) Chrysene-d12	21.79	240	420804	20.00	ng	0.00
86) Perylene-d12	25.12	264	408999	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	218269	79.29	ng	0.00
7) Phenol-d6	7.21	99	208393	44.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	594880	103.79	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	383922	151.15	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1142888	108.72	ng	0.00
78) Terphenyl-d14	20.09	244	1630044	79.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	9185	2.05	ng	# 55
32) Benzoic acid	10.20	122	76	2.18	ng	# 1
40) Hexachlorocyclopentadiene	12.93	237	80	3.63	ng	# 26
53) 2,4-Dinitrophenol	14.87	184	134	2.54	ng	# 1
55) 4-Nitrophenol	14.98	139	277	5.46	ng	# 81
69) Pentachlorophenol	17.17	266	70	3.59	ng	# 18

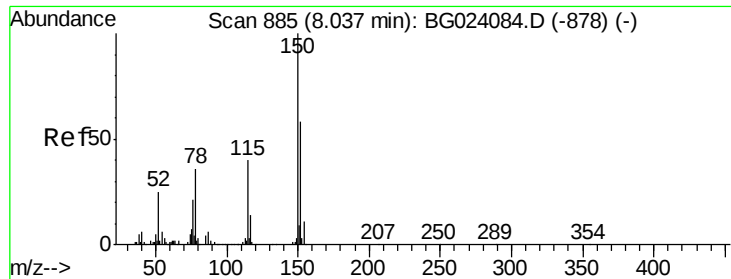
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

Instrument :

BNA_G

ClientSampleId :

PZ-8

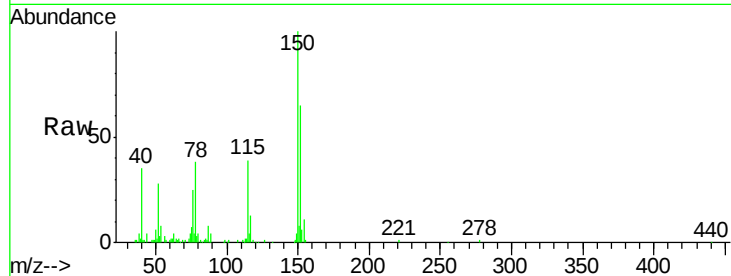
Tgt Ion:152 Resp: 47690

Ion Ratio Lower Upper

152 100

150 153.8 144.7 217.1

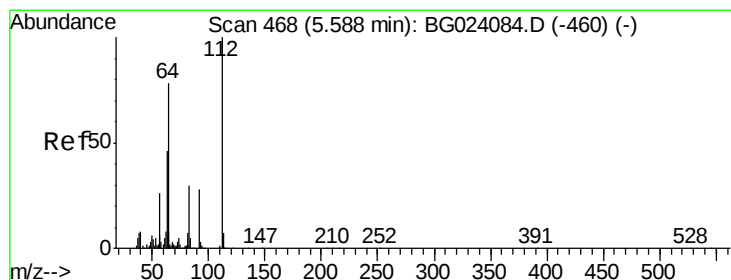
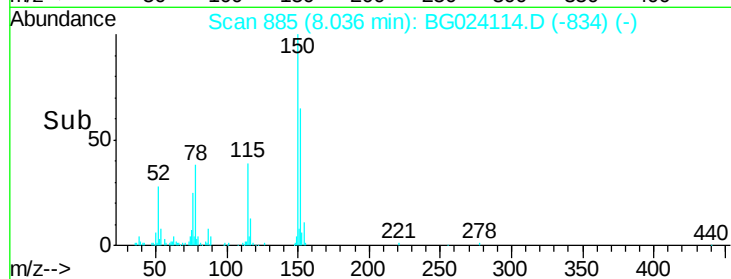
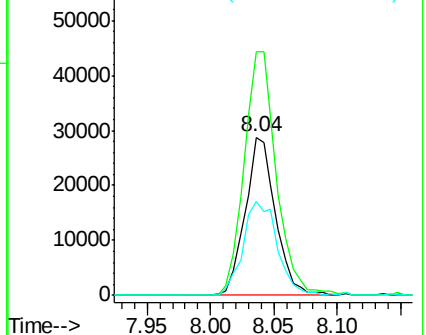
115 59.2 64.0 96.0#



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: 79.29 ng

RT: 5.59 min Scan# 468

Delta R.T. -0.00 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

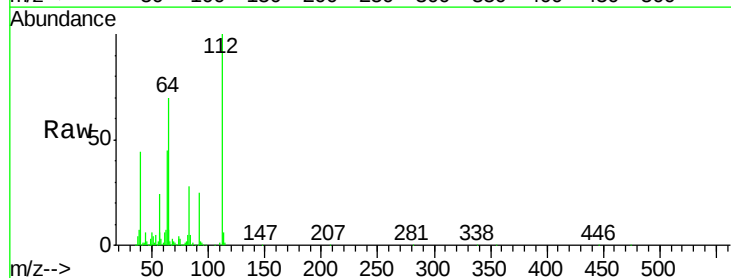
Tgt Ion:112 Resp: 218269

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

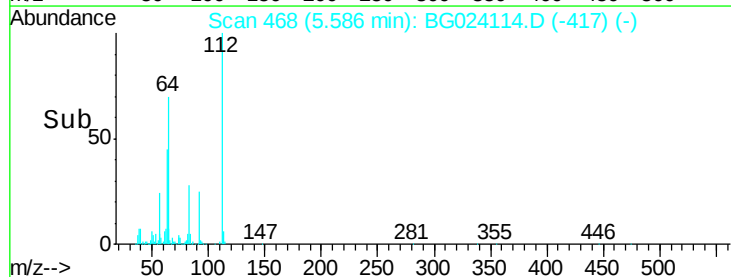
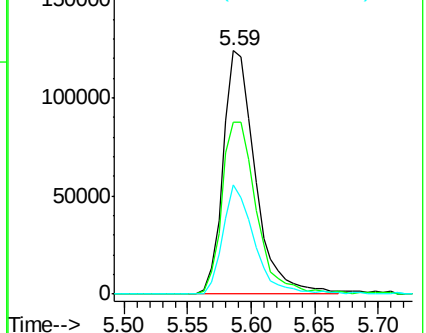
63 44.8 37.8 56.8

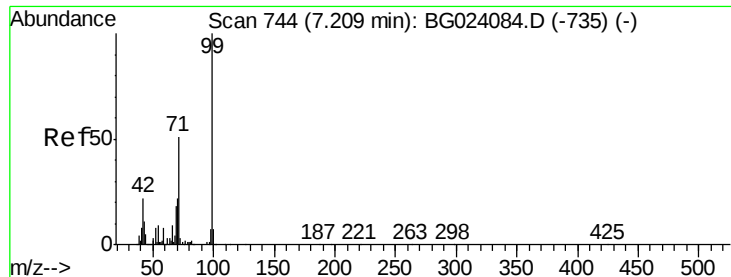


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 44.99 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

Instrument :

BNA_G

ClientSampleId :

PZ-8

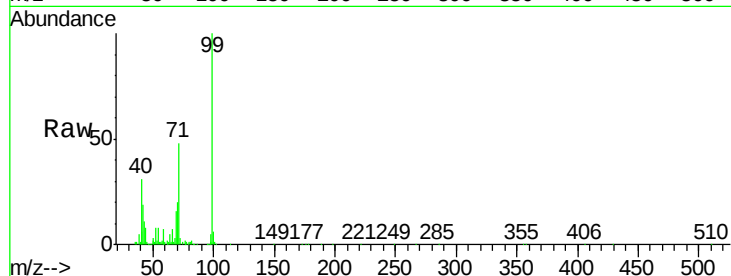
Tgt Ion: 99 Resp: 208393

Ion Ratio Lower Upper

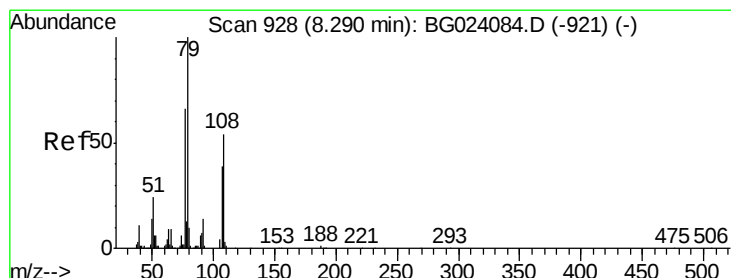
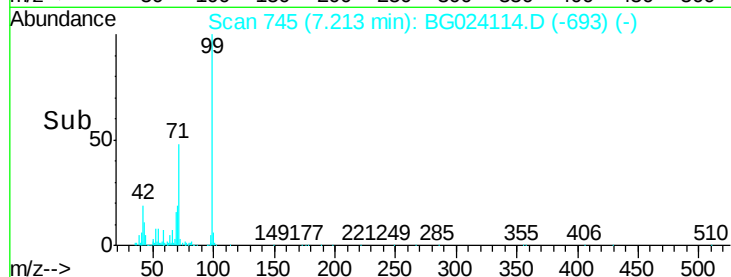
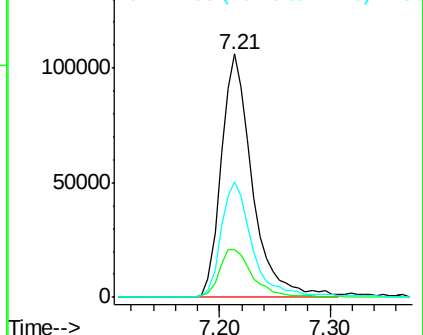
99 100

42 19.5 17.8 26.6

71 47.6 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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.07 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

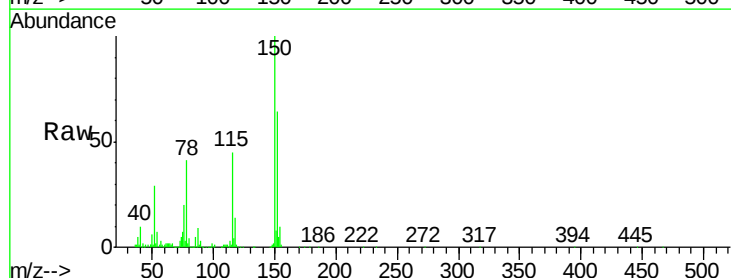
Tgt Ion: 79 Resp: 9185

Ion Ratio Lower Upper

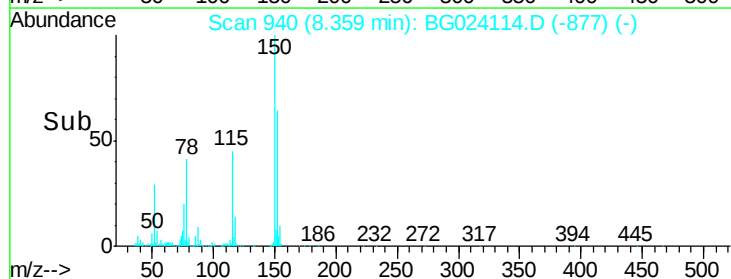
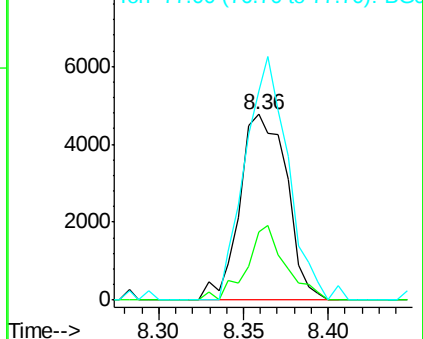
79 100

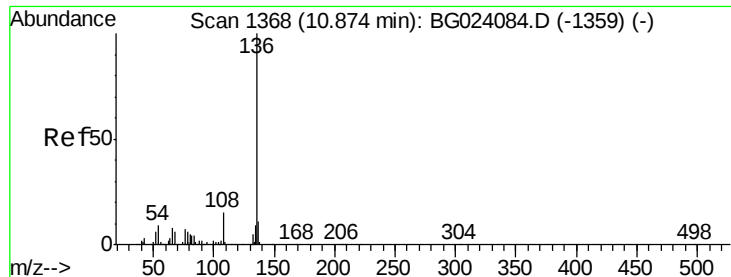
108 37.1 46.5 69.7#

77 112.5 52.3 78.5#



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

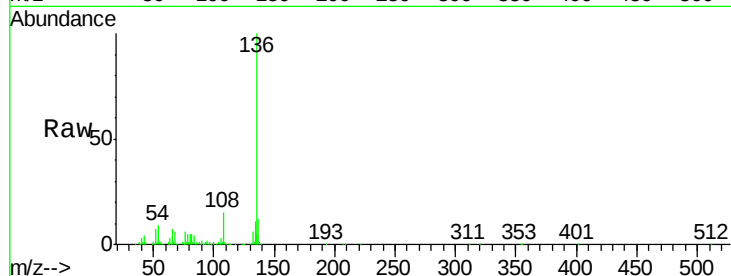




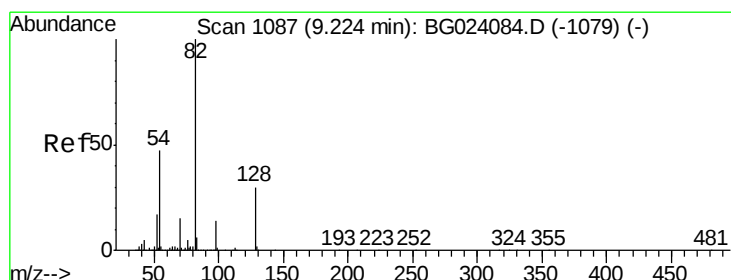
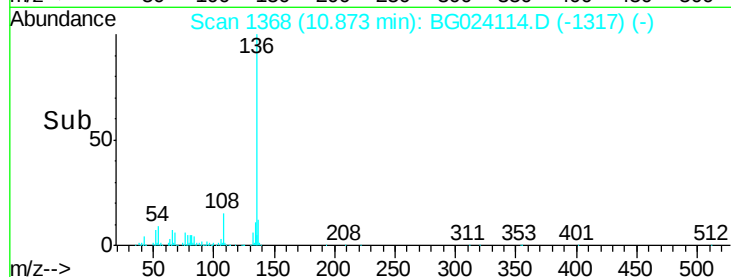
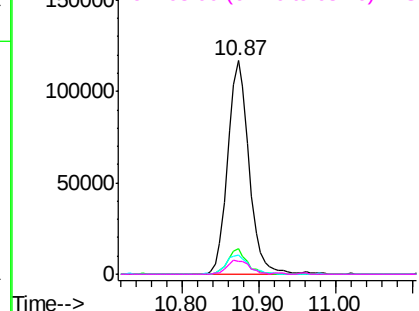
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG024114.D
Acq: 24 Sep 2016 8:11

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:	136	Resp:	225905
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	9.1	7.3	10.9
68	6.2	5.3	7.9

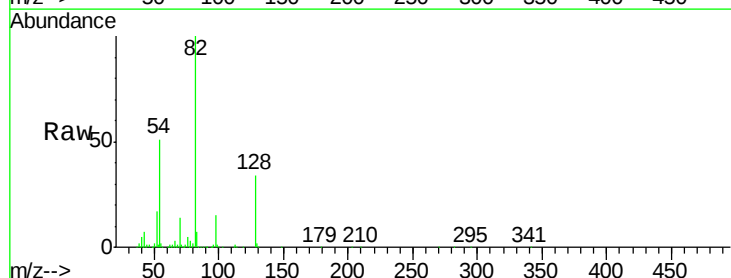


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

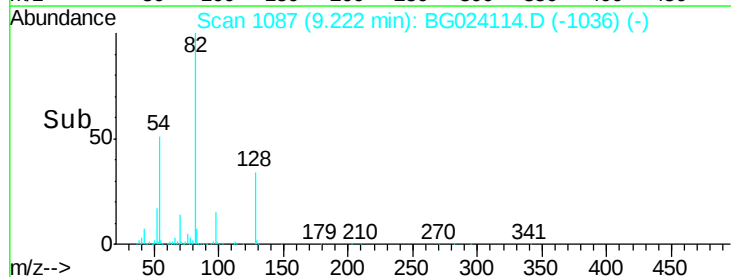
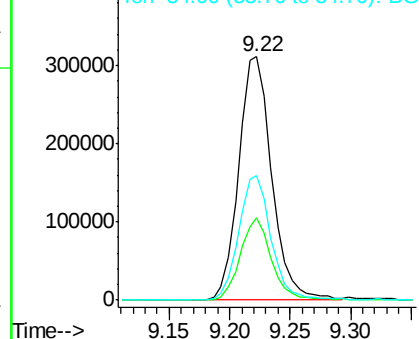


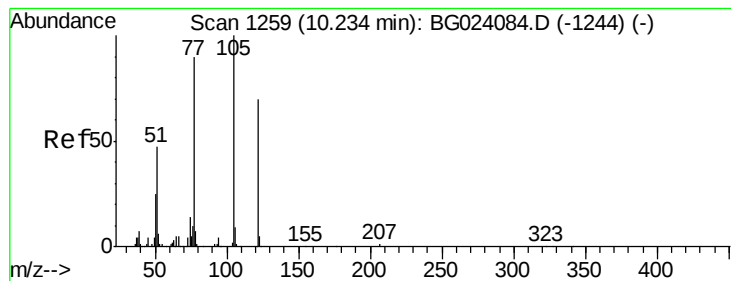
#23
Nitrobenzene-d5
Concen: 103.79 ng
RT: 9.22 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG024114.D
Acq: 24 Sep 2016 8:11

Tgt Ion:	82	Resp:	594880
Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	51.3	41.4	62.0



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





#32

Benzoic acid

Concen: 2.18 ng

RT: 10.20 min Scan# 1254

Delta R.T. -0.03 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

Instrument :

BNA_G

ClientSampleId :

PZ-8

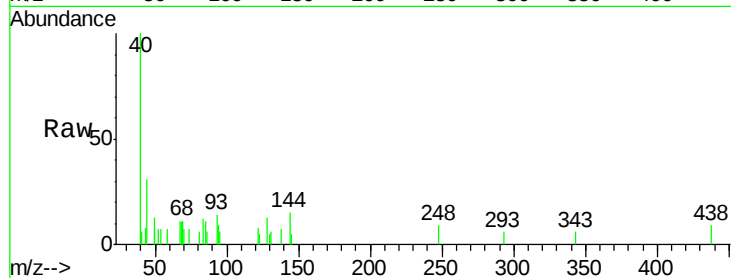
Tgt Ion:122 Resp: 76

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

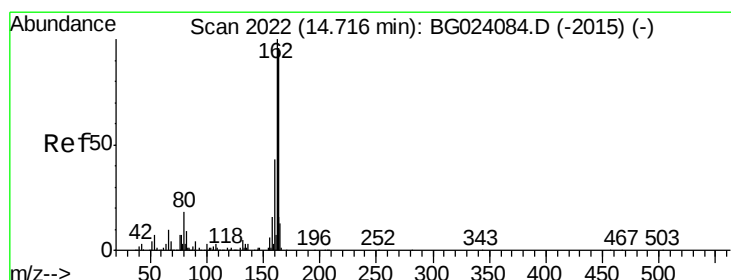
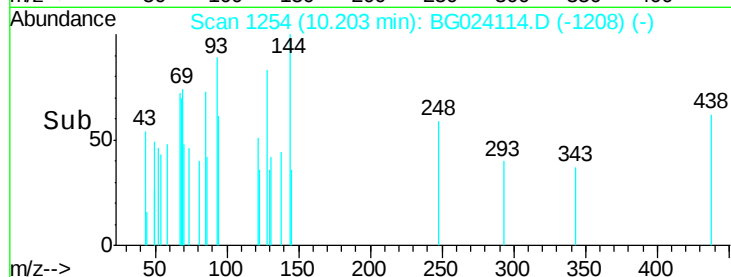
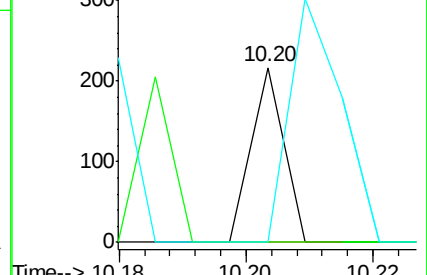
77 0.0 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

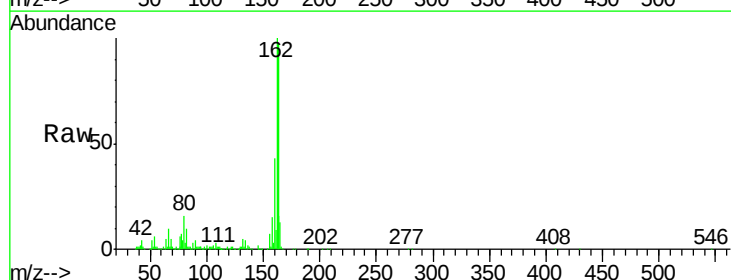
Tgt Ion:164 Resp: 176705

Ion Ratio Lower Upper

164 100

162 103.1 87.7 131.5

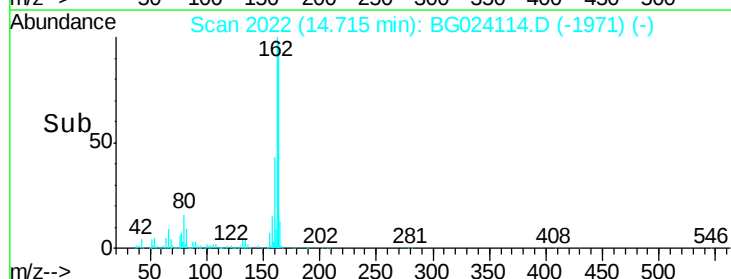
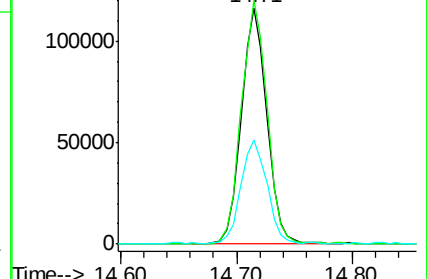
160 44.1 37.2 55.8

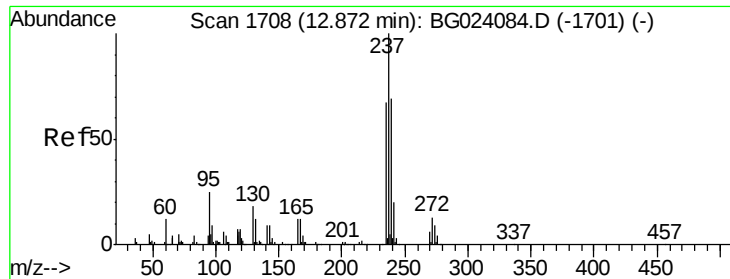


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 3.63 ng

RT: 12.93 min Scan# 1719

Delta R.T. 0.06 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

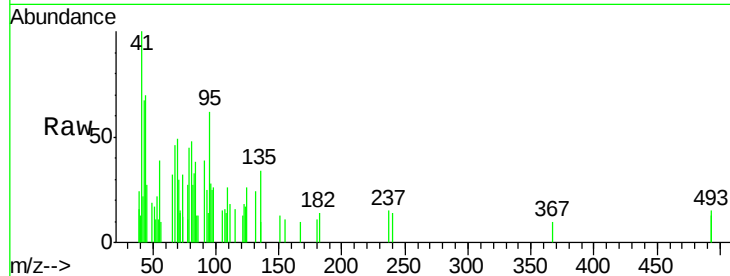
Instrument :

BNA_G

ClientSampleId :

PZ-8

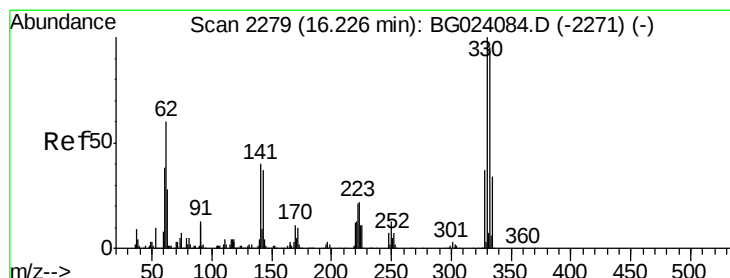
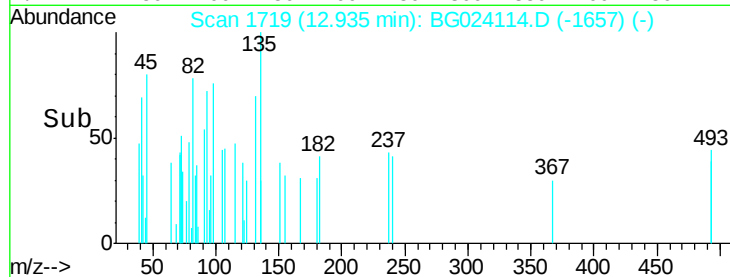
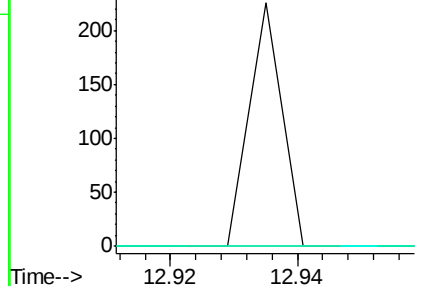
Tgt Ion:	237	Resp:	80
Ion Ratio	Lower	Upper	
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



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: 151.15 ng

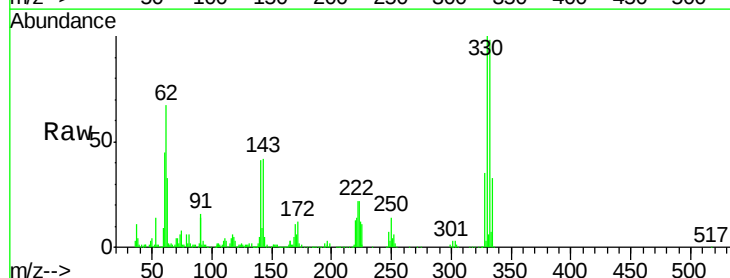
RT: 16.22 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

Tgt Ion:	330	Resp:	383922
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.4	116.2
141	42.5	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

