

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 00:58:25 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

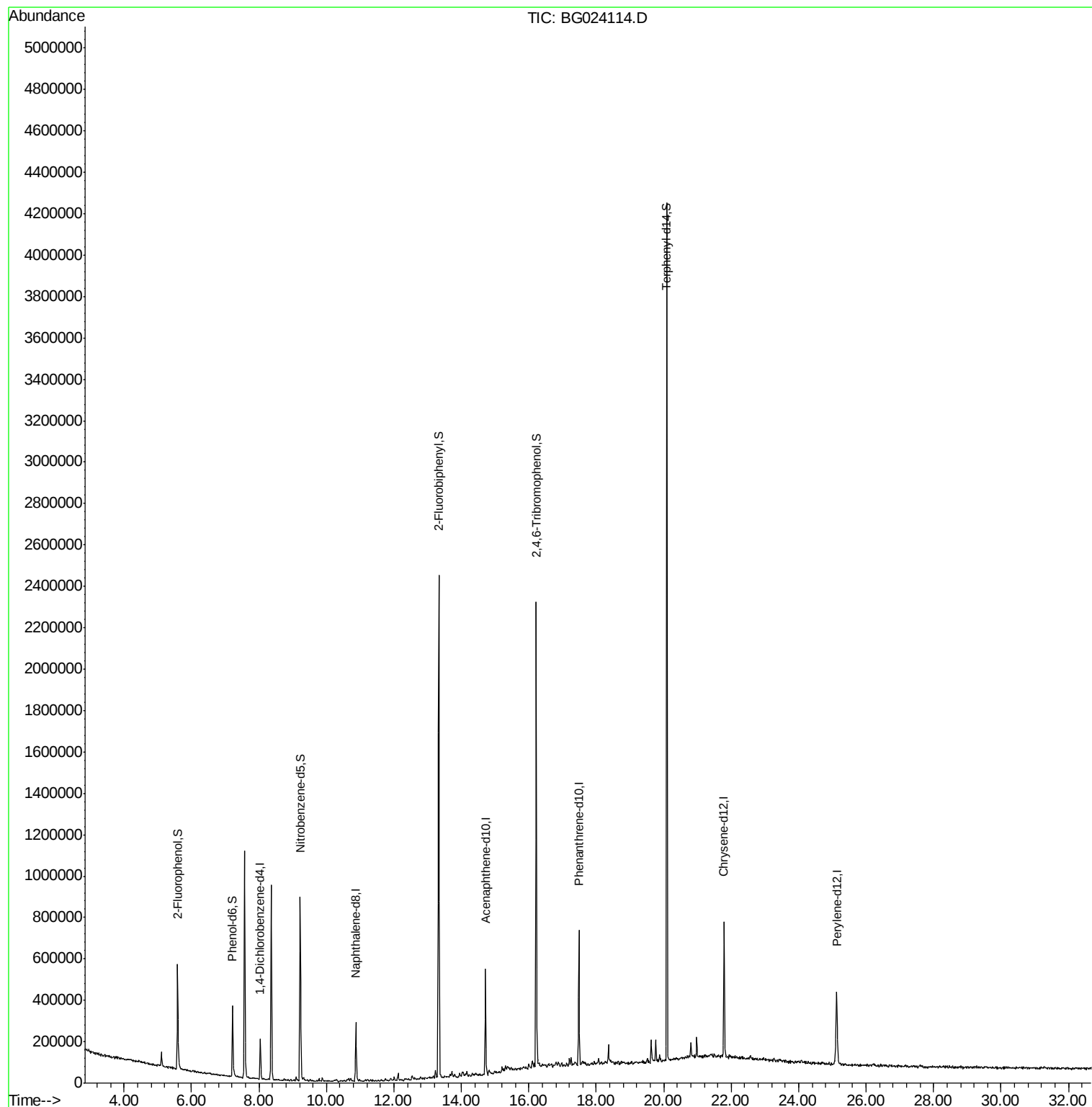
Target Compounds	Qvalue
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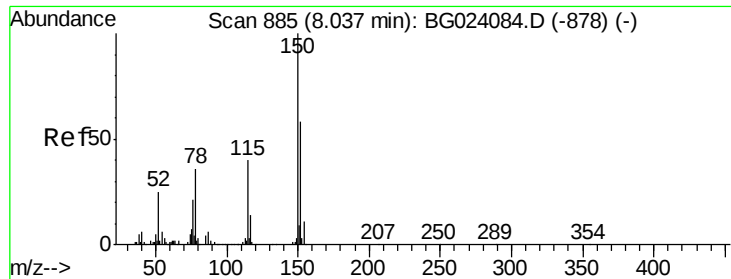
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

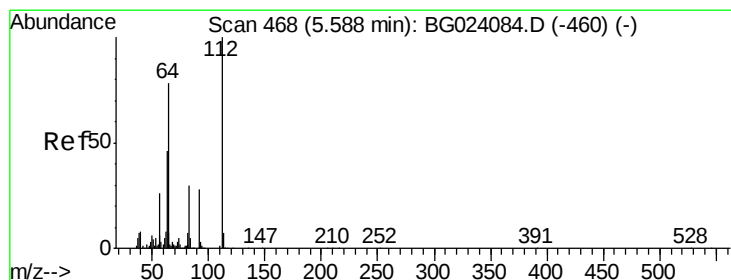
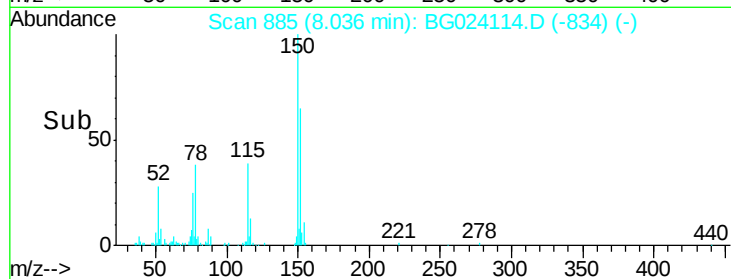
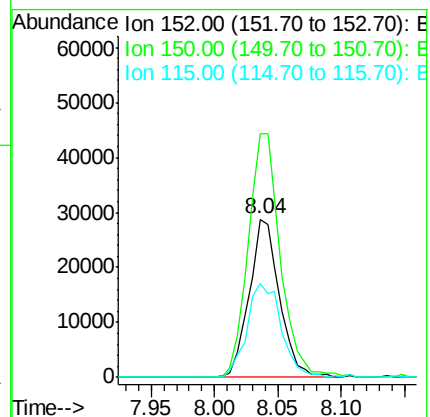
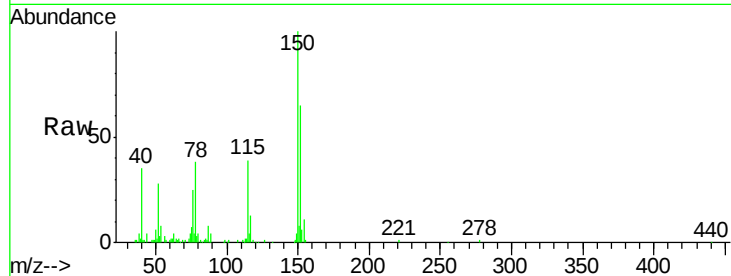
Tgt Ion:152 Resp: 47690

Ion Ratio Lower Upper

152 100

150 153.8 144.7 217.1

115 59.2 64.0 96.0#



#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

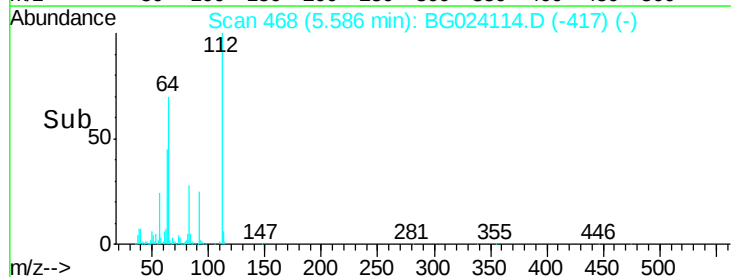
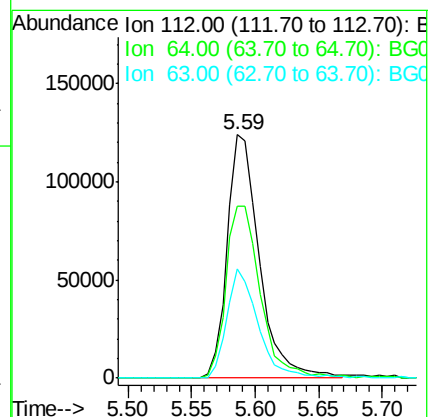
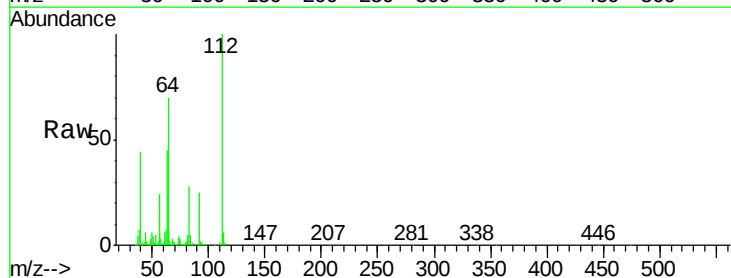
Tgt Ion:112 Resp: 218269

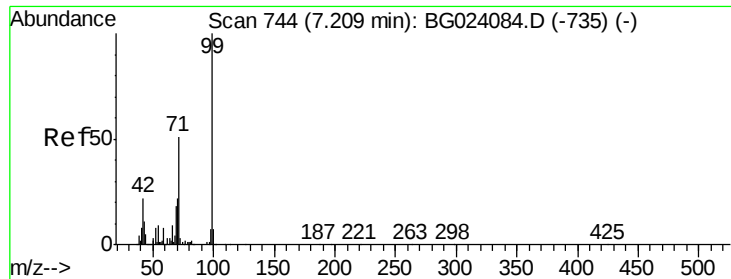
Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

63 44.8 37.8 56.8





#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

ClientSampled :

PZ-8

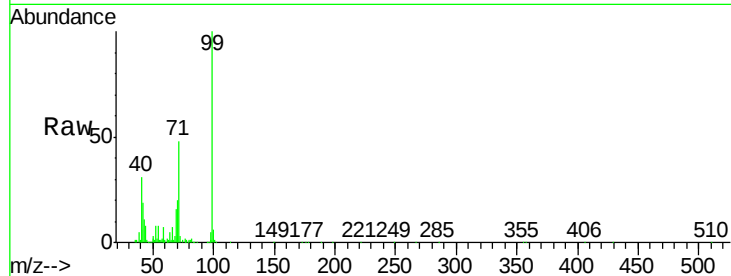
Tgt Ion: 99 Resp: 208393

Ion Ratio Lower Upper

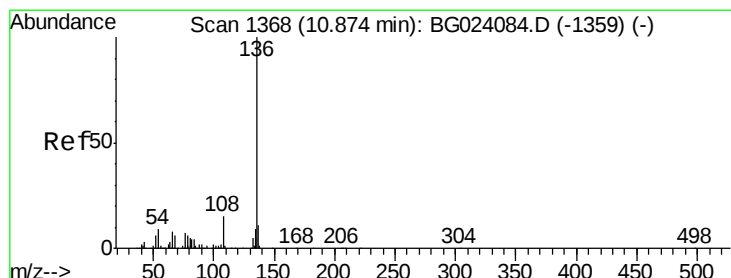
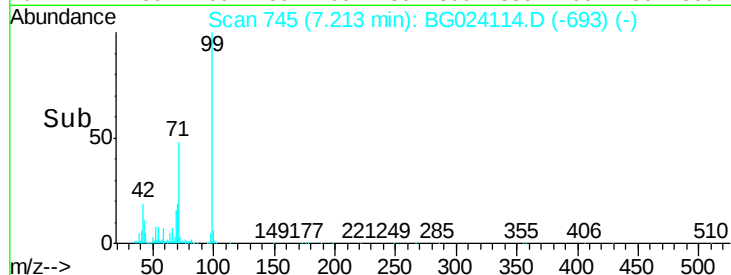
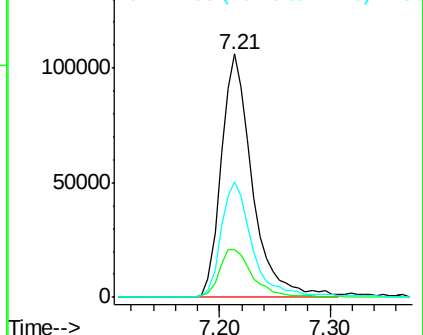
99 100

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



#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

Tgt Ion: 136 Resp: 225905

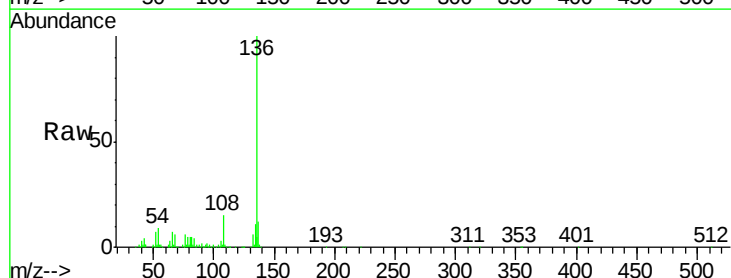
Ion Ratio Lower Upper

136 100

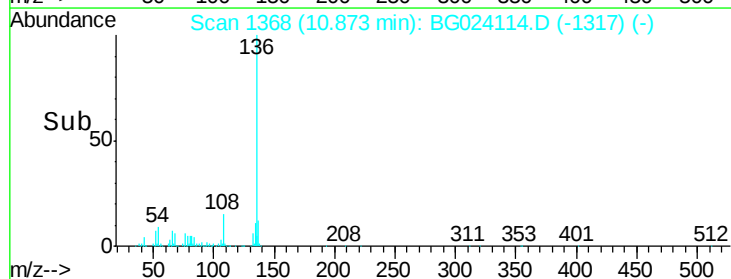
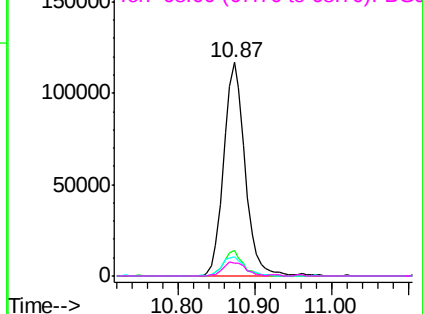
137 12.2 9.6 14.4

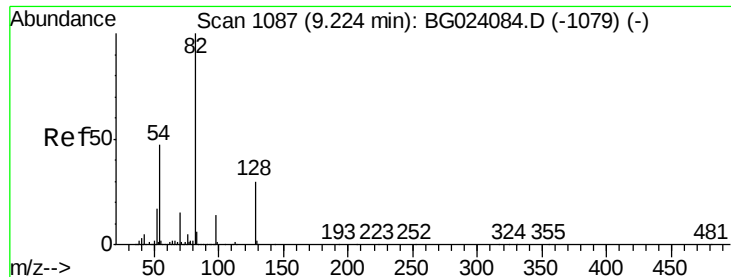
54 9.1 7.3 10.9

68 6.2 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): 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

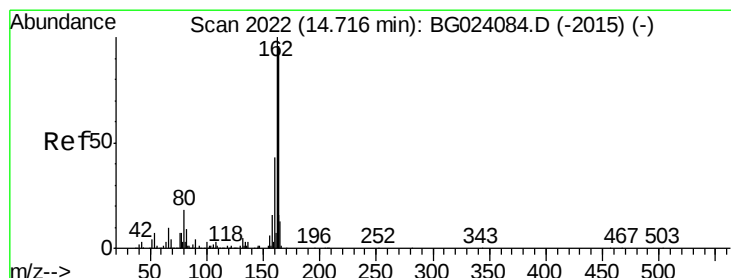
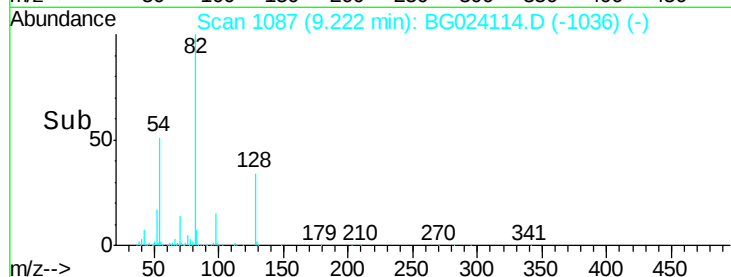
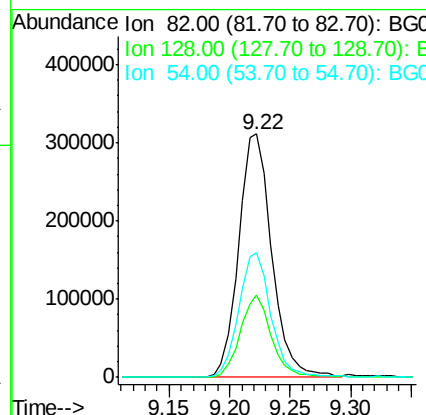
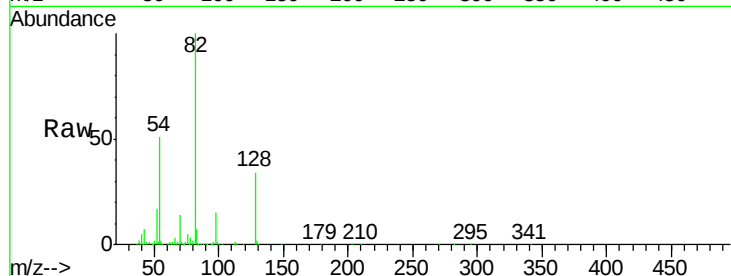




#23
 Nitrobenzene-d5
 Concen: 103.79 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BG024114.D
 Acq: 24 Sep 2016 8:11

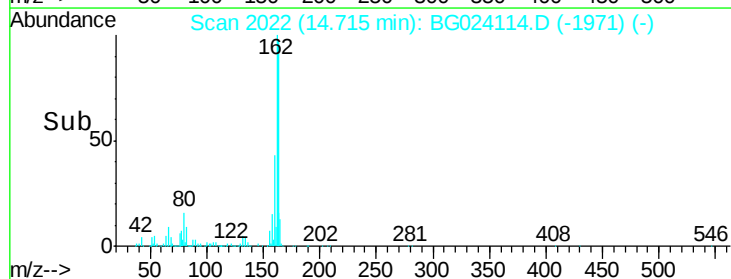
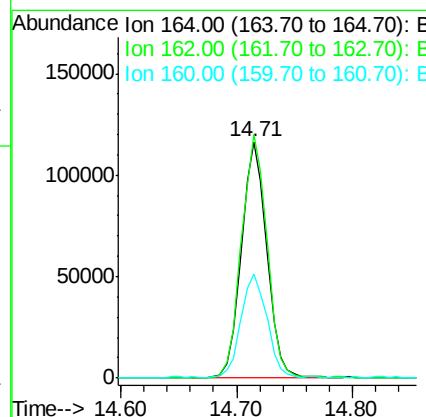
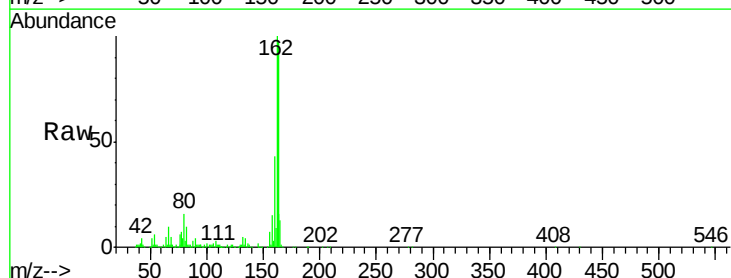
Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

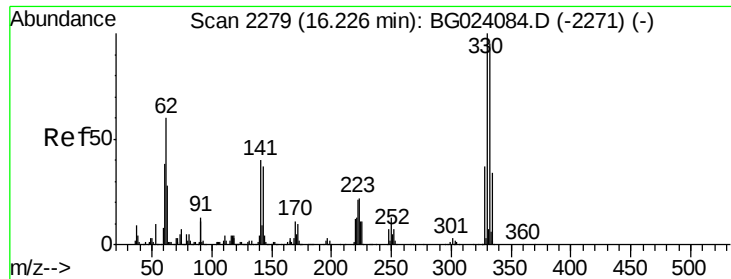
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	51.3	41.4	62.0



#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	Ratio	Lower	Upper
164	100		
162	103.1	87.7	131.5
160	44.1	37.2	55.8





#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

Instrument :

BNA_G

ClientSampleId :

PZ-8

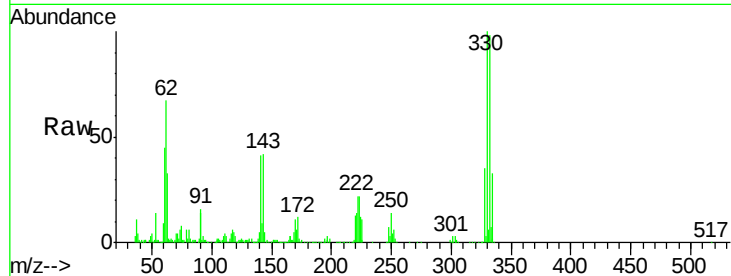
Tgt Ion:330 Resp: 383922

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

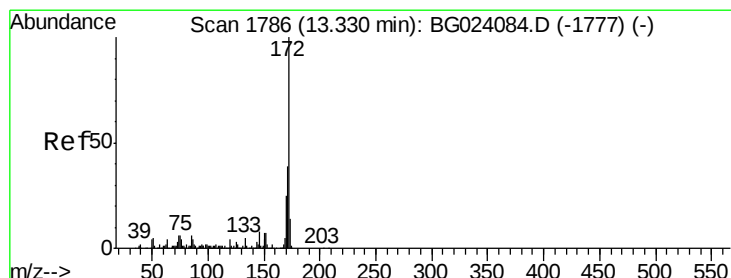
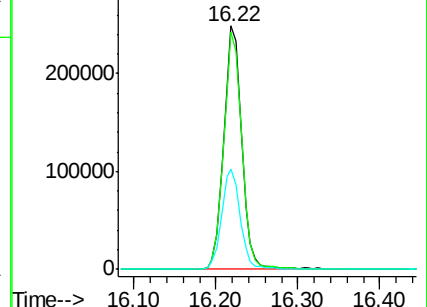
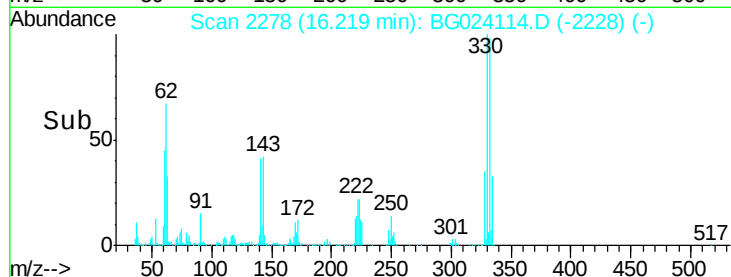
141 42.5 31.7 47.5



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



#44

2-Fluorobiphenyl

Concen: 108.72 ng

RT: 13.33 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

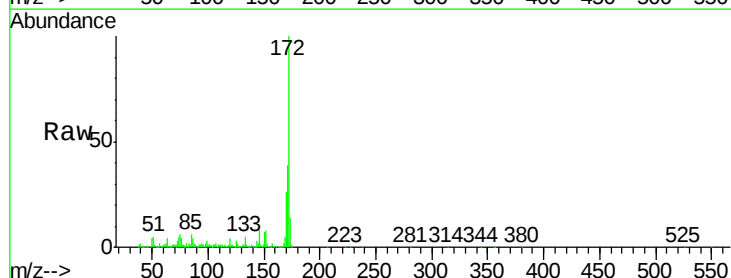
Tgt Ion:172 Resp: 1142888

Ion Ratio Lower Upper

172 100

171 39.0 31.6 47.4

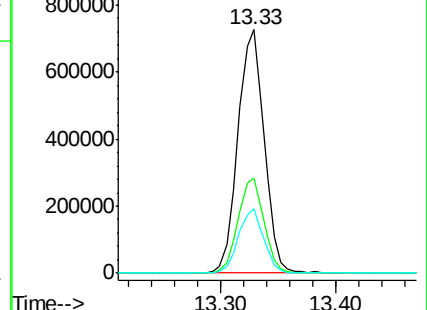
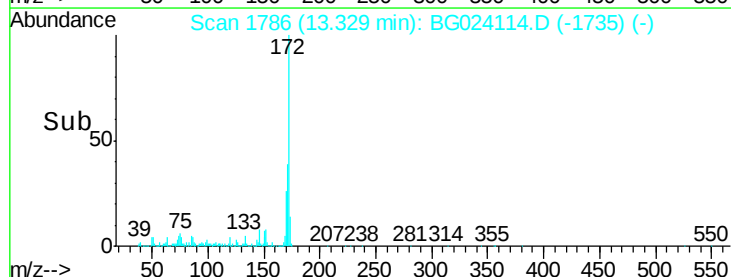
170 26.3 21.3 31.9

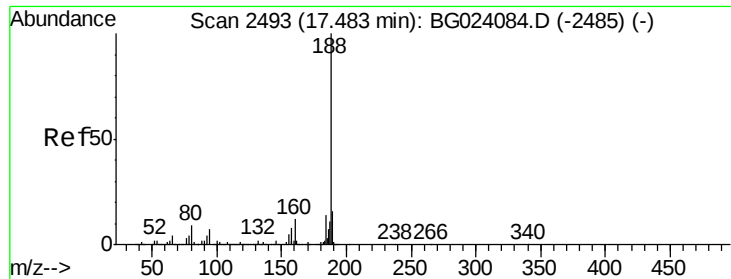


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

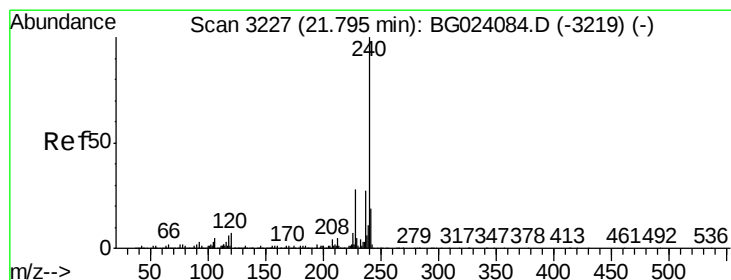
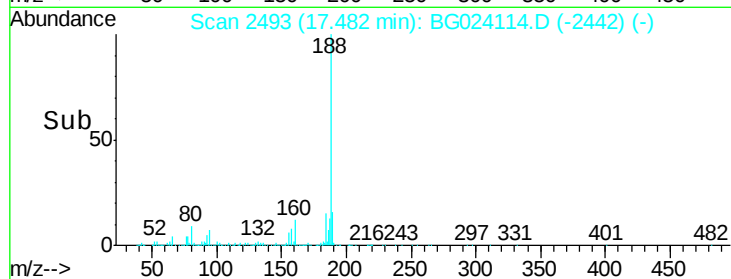
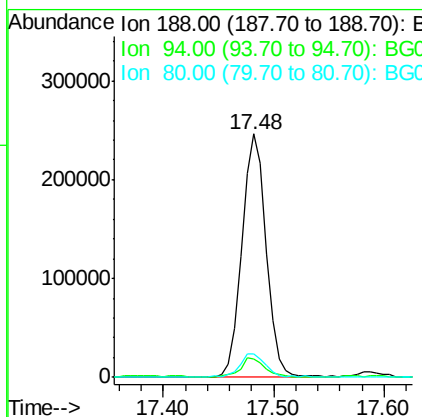
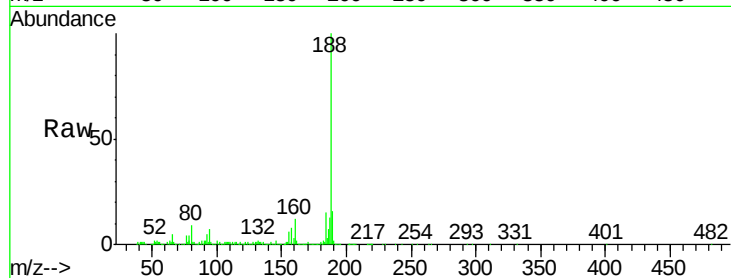




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG024114.D
 Acq: 24 Sep 2016 8:11

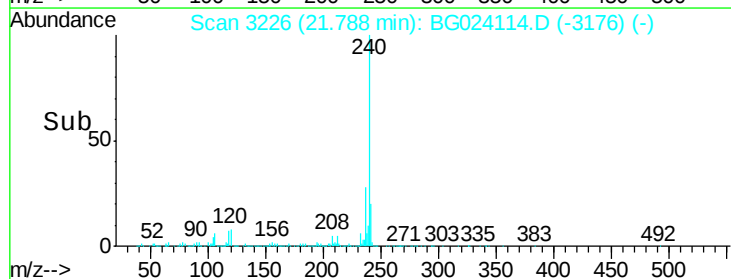
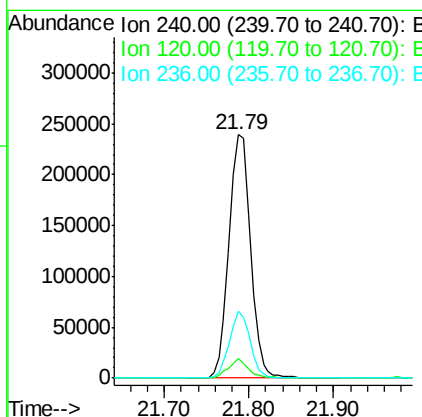
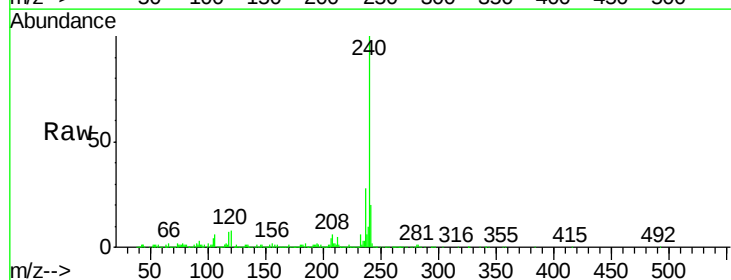
Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

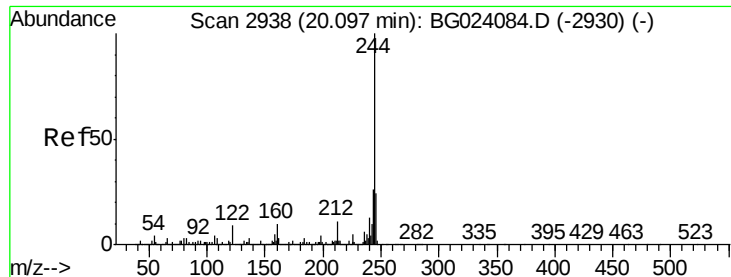
Tgt Ion:188 Resp: 380027
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.2 7.8
 80 9.4 7.2 10.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BG024114.D
 Acq: 24 Sep 2016 8:11

Tgt Ion:240 Resp: 420804
 Ion Ratio Lower Upper
 240 100
 120 7.9 4.1 6.1#
 236 27.7 21.1 31.7





#78

Terphenyl-d14

Concen: 79.32 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

Instrument :

BNA_G

ClientSampleId :

PZ-8

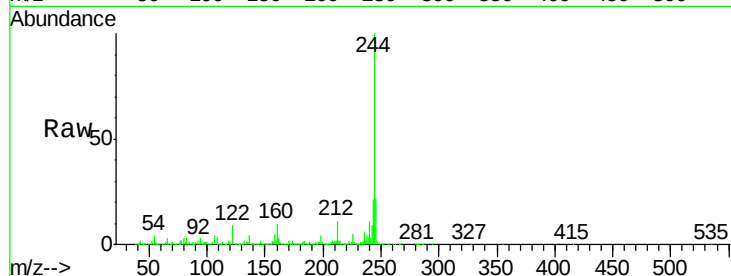
Tgt Ion:244 Resp: 1630044

Ion Ratio Lower Upper

244 100

212 11.0 10.8 16.2

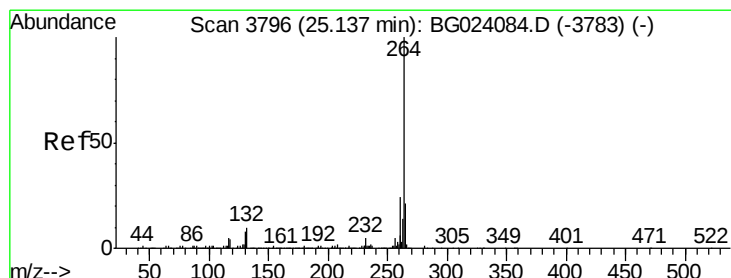
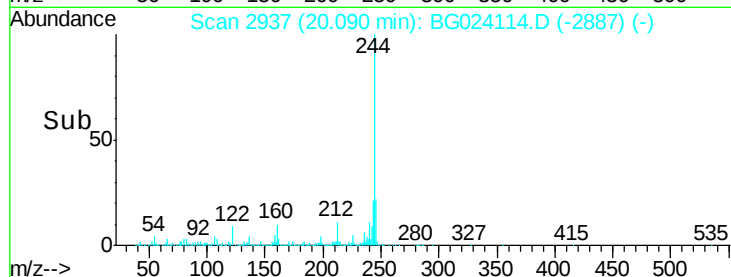
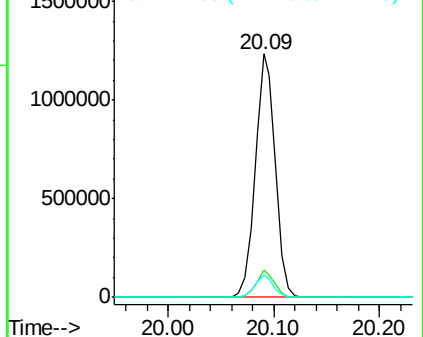
122 8.9 8.0 12.0



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# 3794

Delta R.T. -0.01 min

Lab File: BG024114.D

Acq: 24 Sep 2016 8:11

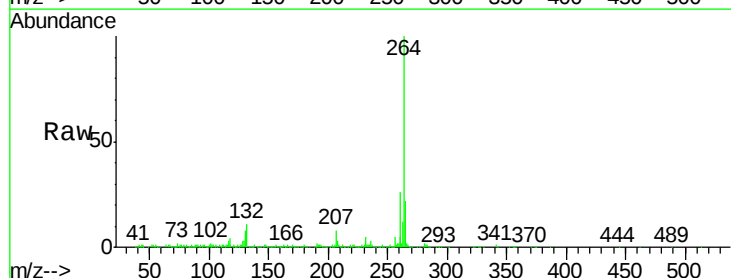
Tgt Ion:264 Resp: 408999

Ion Ratio Lower Upper

264 100

260 25.6 18.4 27.6

265 21.7 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

