

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025388.D
 Acq On : 22 Dec 2016 14:08
 Operator : UM/SJ
 Sample : H6199-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-04

Quant Time: Dec 23 00:19:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

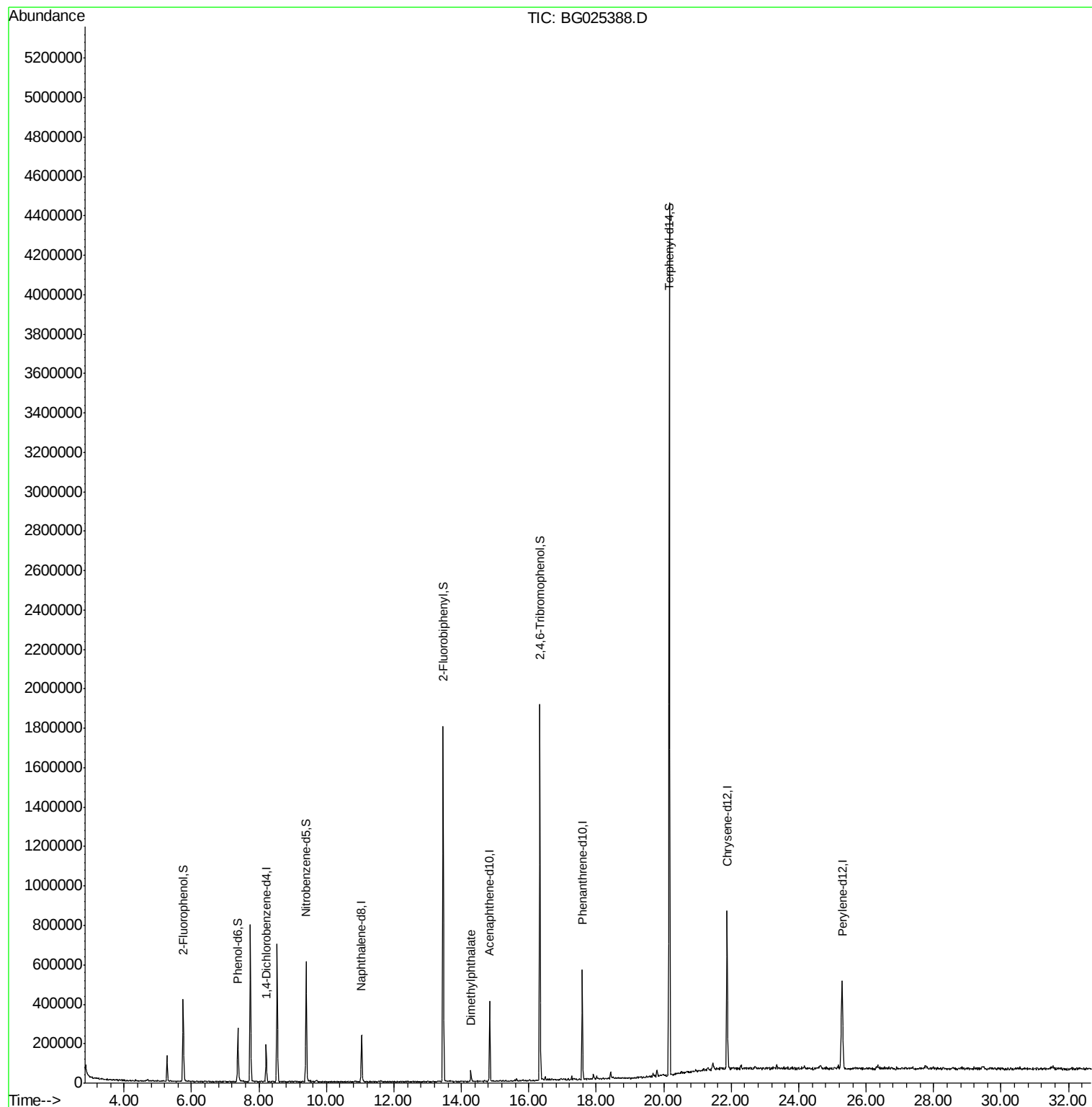
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	45409	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	199006	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	157096	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	362510	20.00	ng	0.00
75) Chrysene-d12	21.88	240	541458	20.00	ng	0.00
86) Perylene-d12	25.29	264	554992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	168032	67.26	ng	0.00
7) Phenol-d6	7.37	99	155403	44.17	ng	0.00
23) Nitrobenzene-d5	9.39	82	395399	87.77	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	379847	150.19	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	921609	94.98	ng	0.00
78) Terphenyl-d14	20.16	244	1837385	89.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	38664	3.38	ng	Qvalue # 95

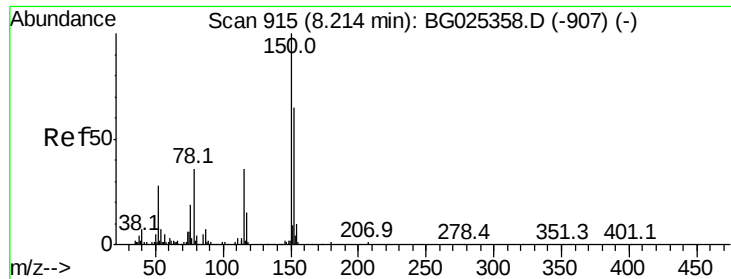
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

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W-04

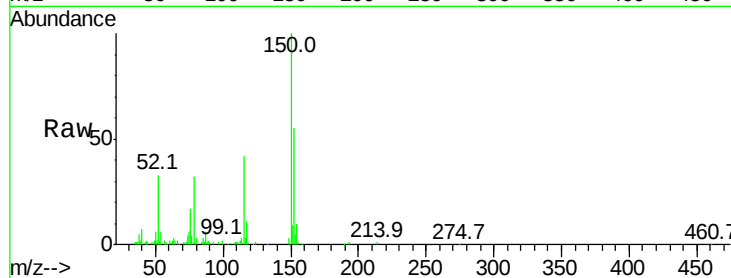
Tot Ion:152 Resp: 45409

Ion Ratio Lower Upper

152 100

150 181.7 114.0 171.0#

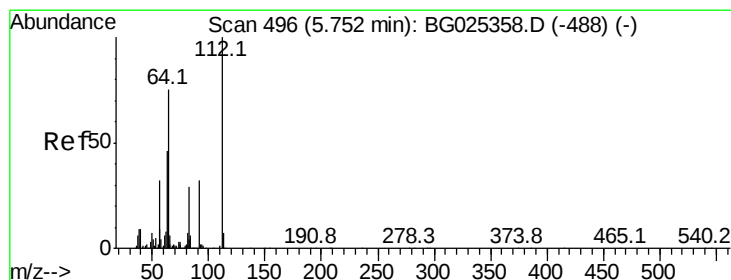
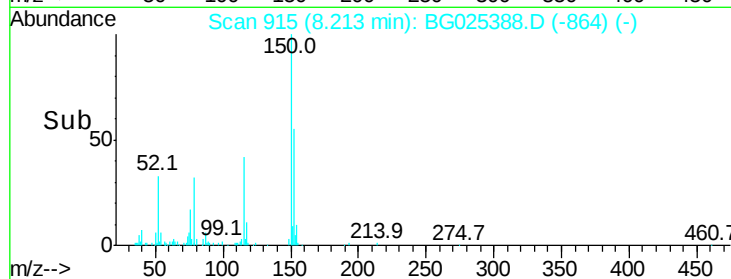
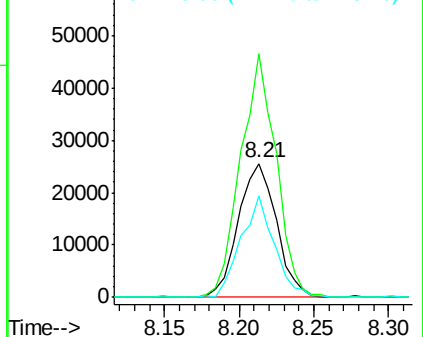
115 75.9 48.1 72.1#



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: 67.26 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

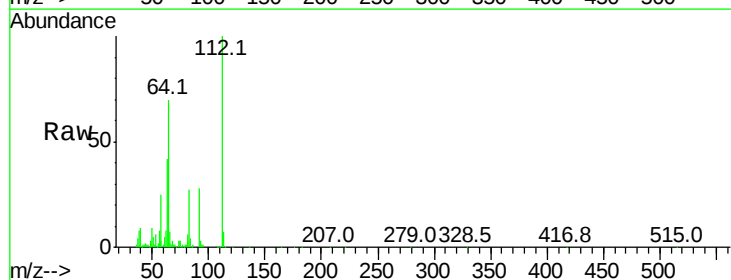
Tgt Ion:112 Resp: 168032

Ion Ratio Lower Upper

112 100

64 70.4 61.8 92.6

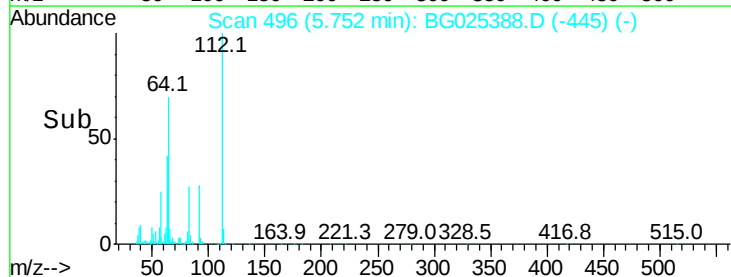
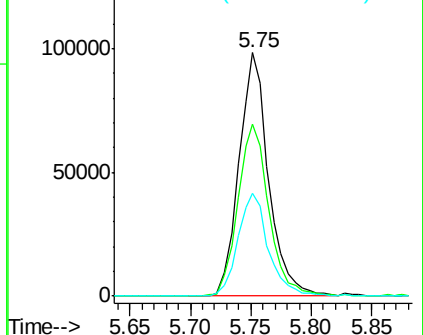
63 42.0 37.2 55.8

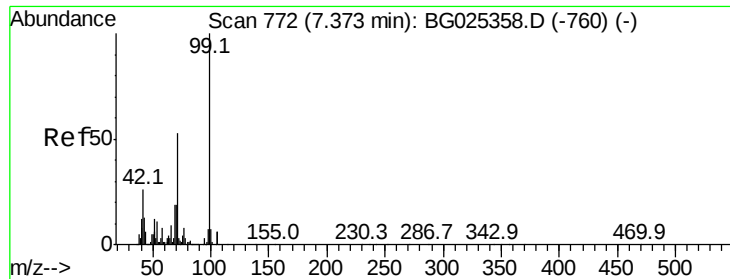


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.17 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

BNA_G

ClientSampleId :

W-04

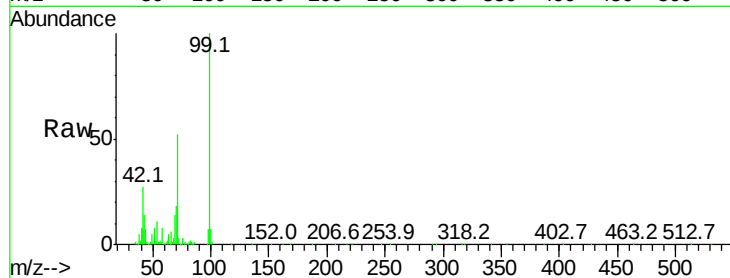
Tot Ion: 99 Resp: 155403

Ion Ratio Lower Upper

99 100

42 26.9 20.5 30.7

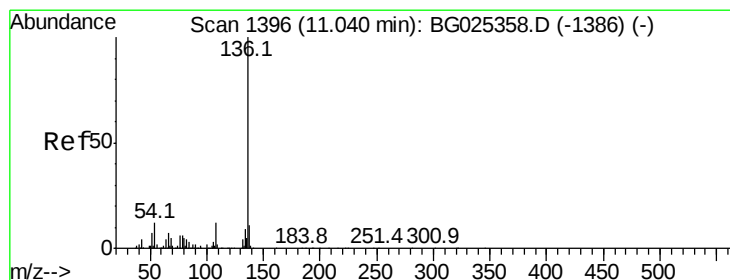
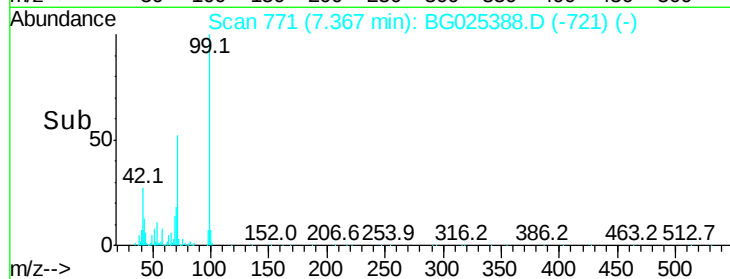
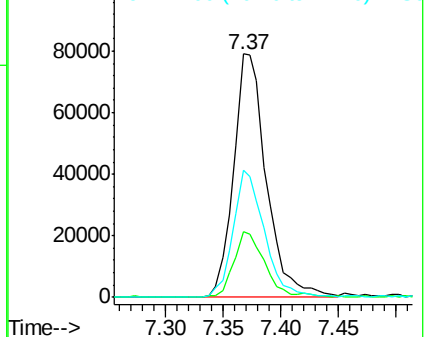
71 52.3 37.6 56.4



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: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Tgt Ion: 136 Resp: 199006

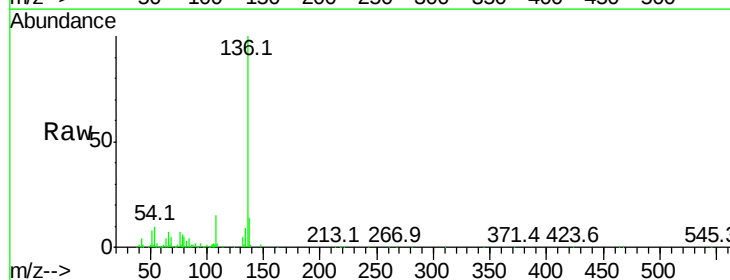
Ion Ratio Lower Upper

136 100

137 14.1 8.9 13.3#

54 10.1 9.3 13.9

68 5.4 5.1 7.7

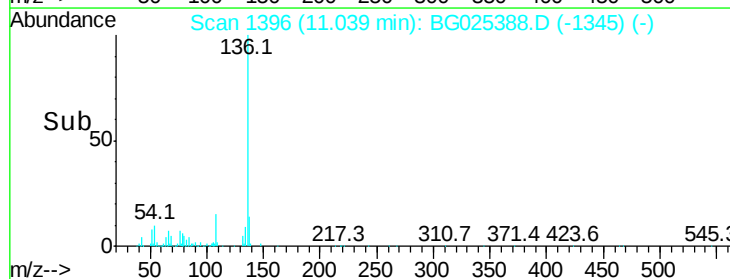
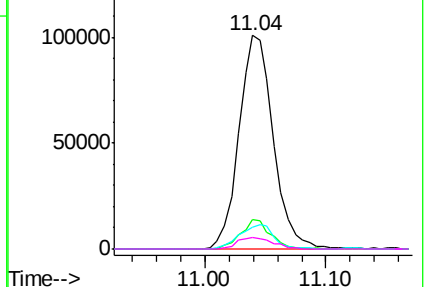


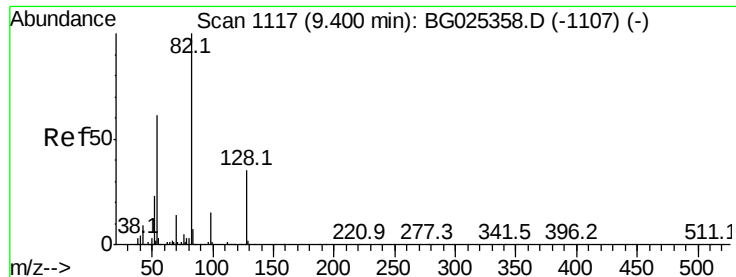
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

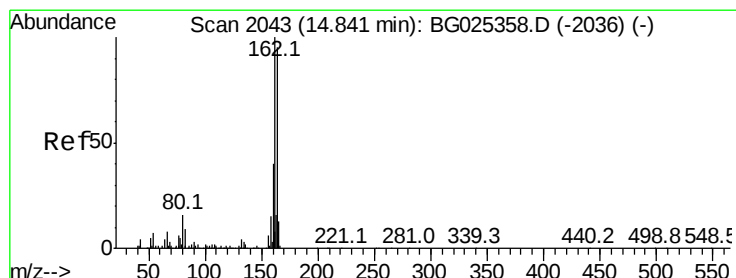
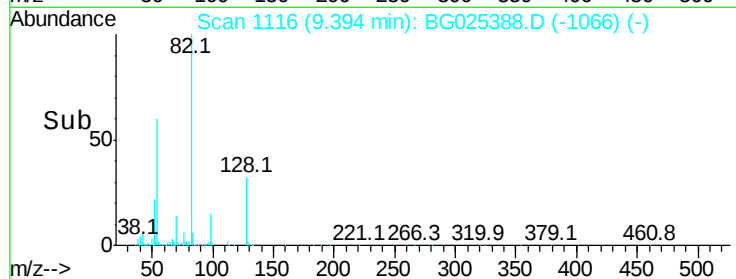
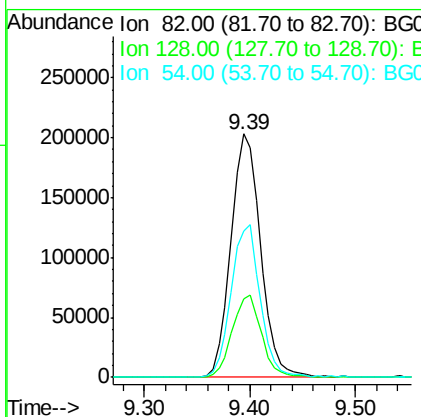
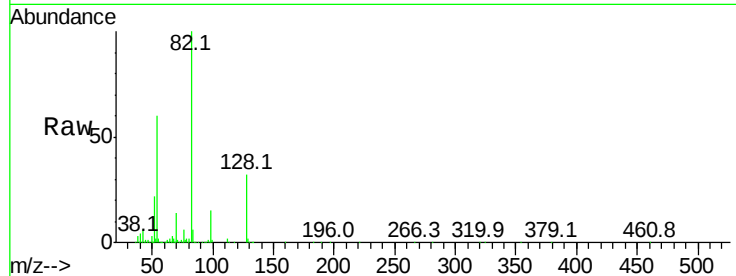




#23
 Nitrobenzene-d5
 Concen: 87.77 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025388.D
 Acq: 22 Dec 2016 14:08

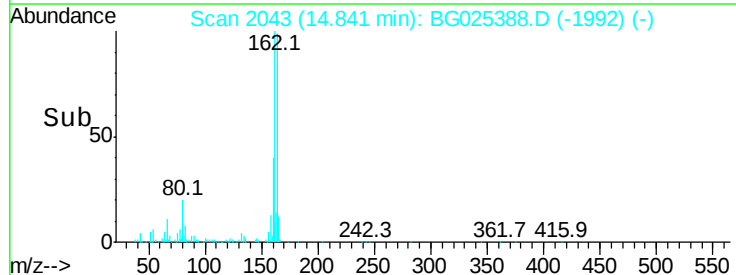
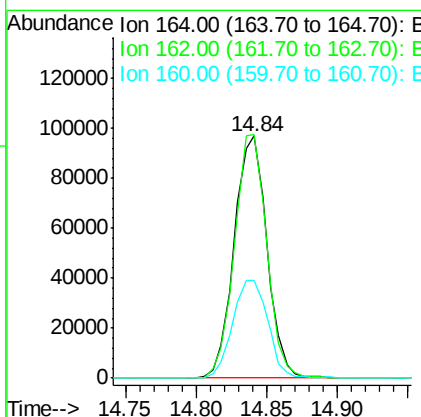
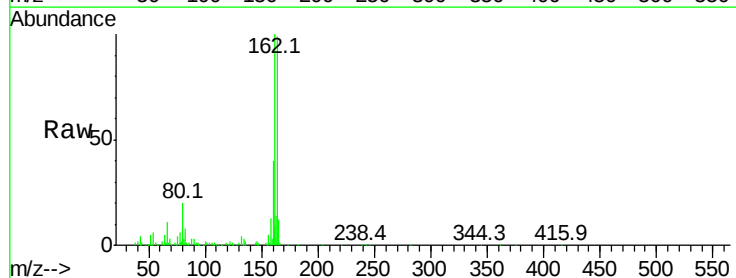
Instrument :
 BNA_G
 ClientSampleId :
 W-04

Tot Ion	82	Resp	395399
Ion Ratio	100	Lower	Upper
128	32.2	26.4	39.6
54	59.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BG025388.D
 Acq: 22 Dec 2016 14:08

Tgt Ion	164	Resp	157096
Ion Ratio	100	Lower	Upper
162	100.6	85.1	127.7
160	40.2	34.7	52.1

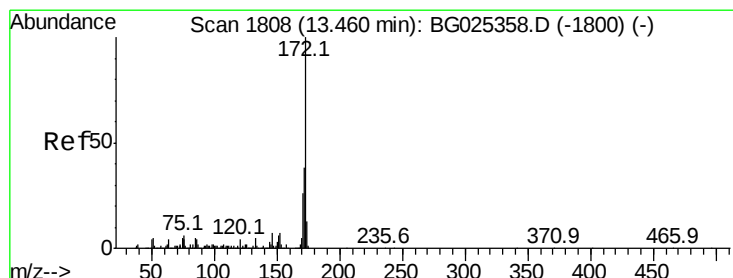
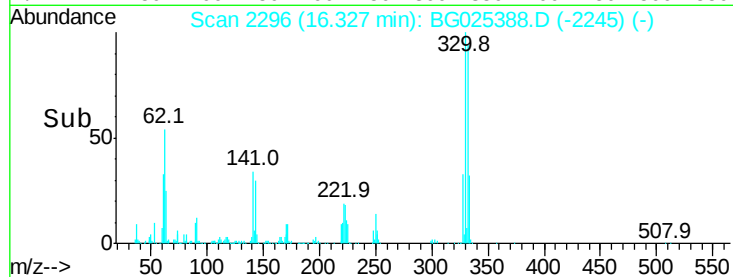
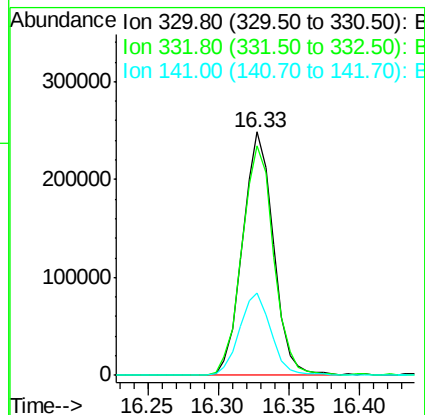
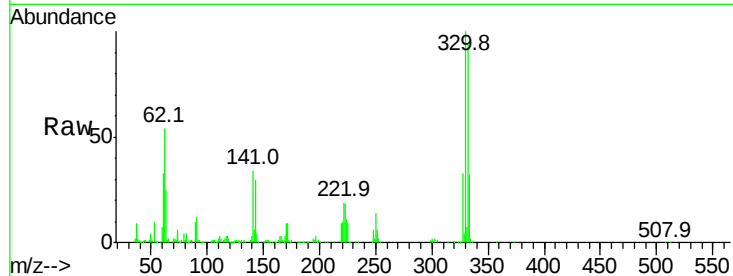




#41
 2,4,6-Tribromophenol
 Concen: 150.19 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025388.D
 Acq: 22 Dec 2016 14:08

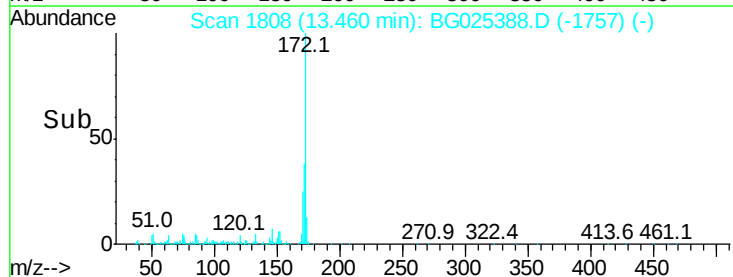
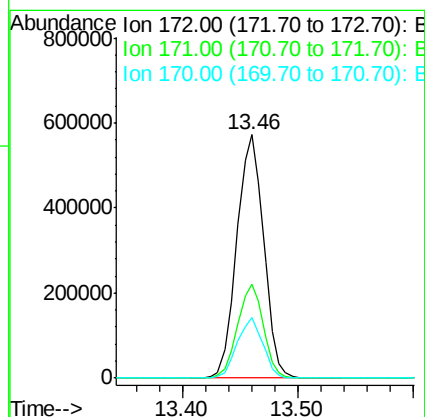
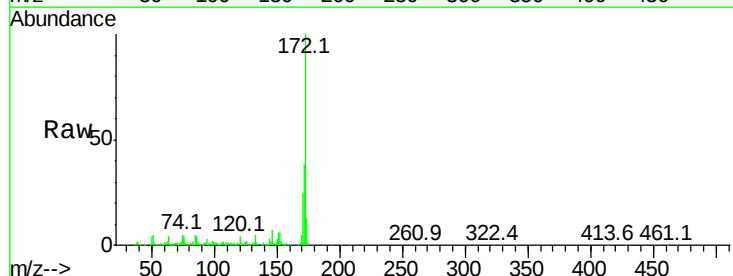
Instrument :
 BNA_G
 ClientSampleId :
 W-04

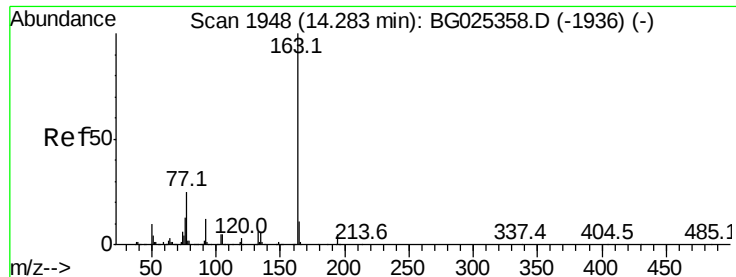
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	34.7	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 94.98 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG025388.D
 Acq: 22 Dec 2016 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.2	48.2
170	24.7	21.8	32.6





#49

Dimethylphthalate

Concen: 3.38 ng

RT: 14.28 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

BNA_G

ClientSampleId :

W-04

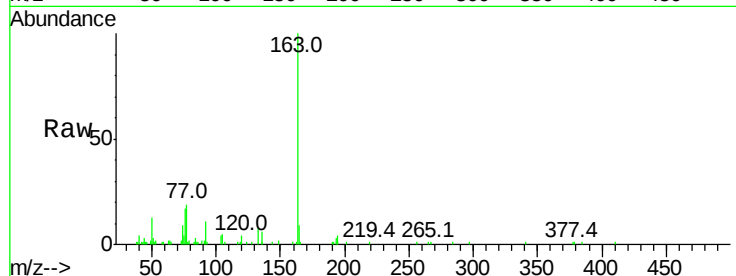
Tot Ion:163 Resp: 38664

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

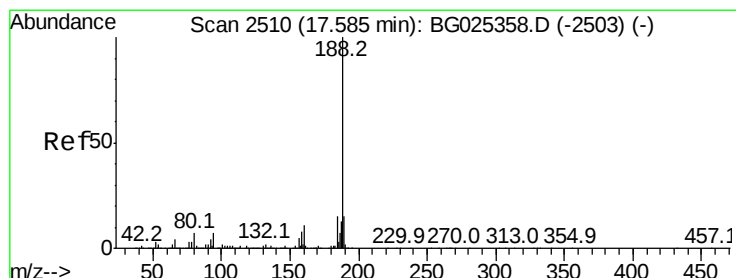
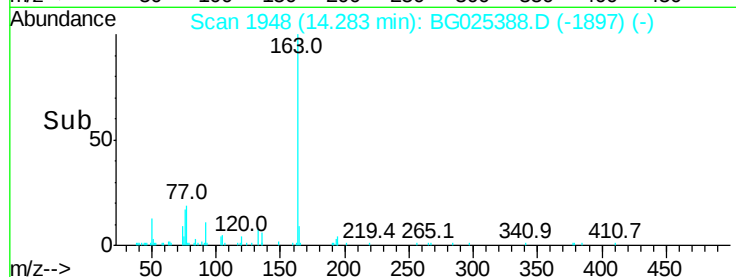
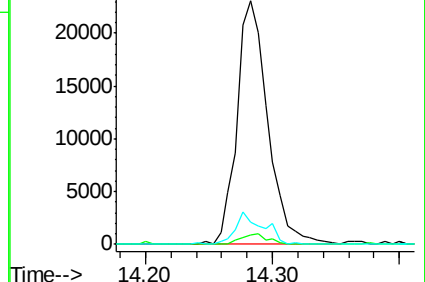
164 9.0 9.3 13.9#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

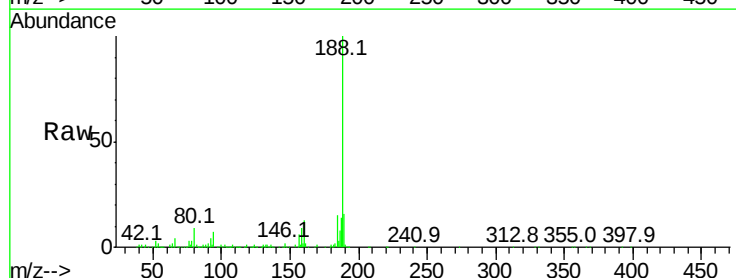
Tgt Ion:188 Resp: 362510

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

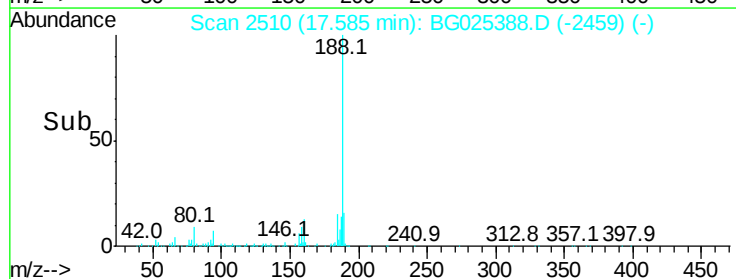
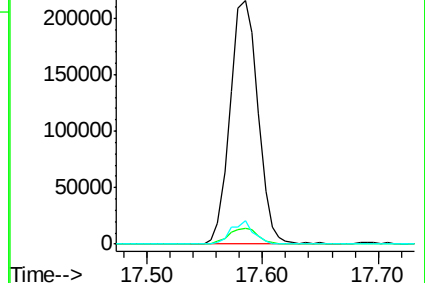
80 9.4 7.5 11.3

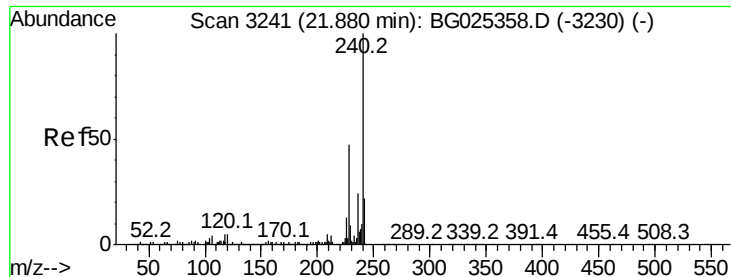


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

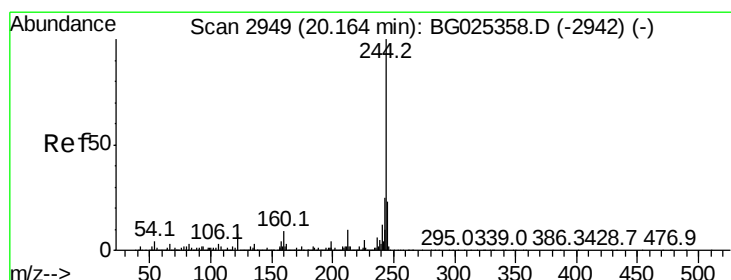
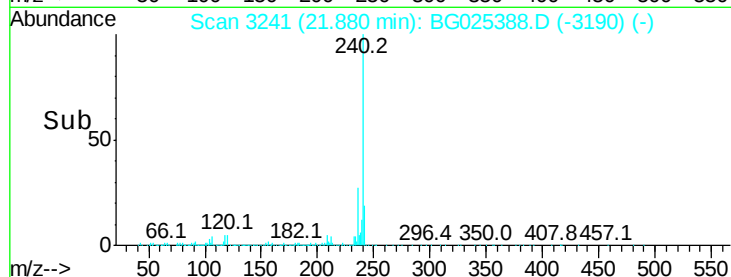
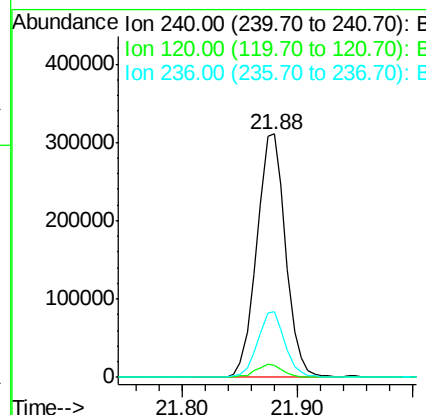
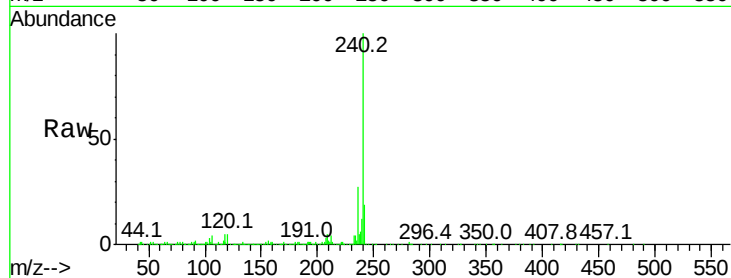




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: BG025388.D
 Acq: 22 Dec 2016 14:08

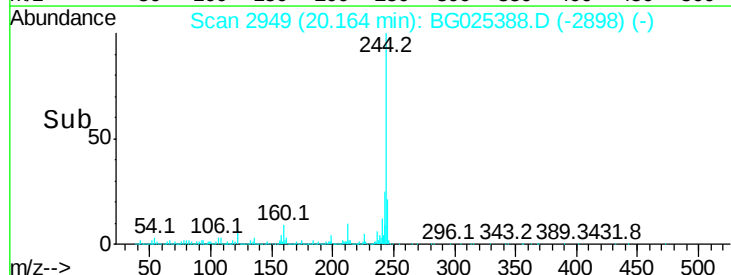
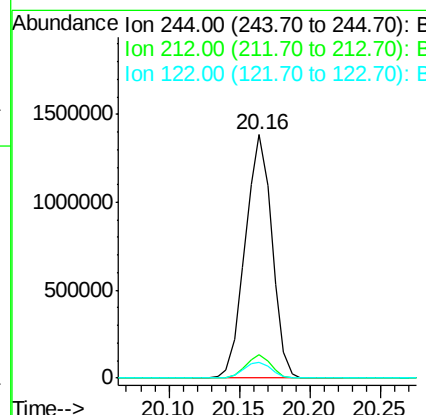
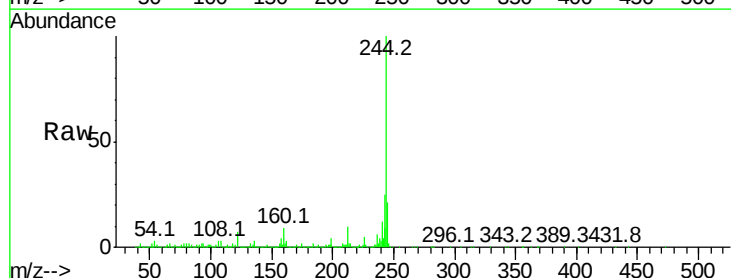
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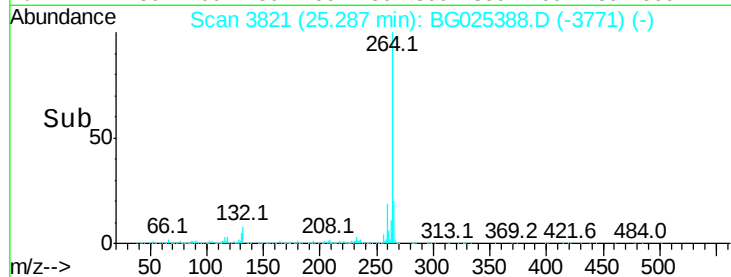
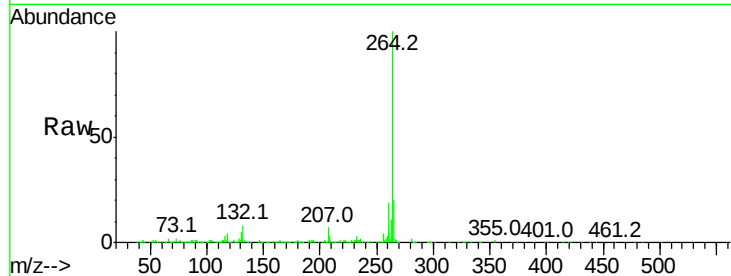
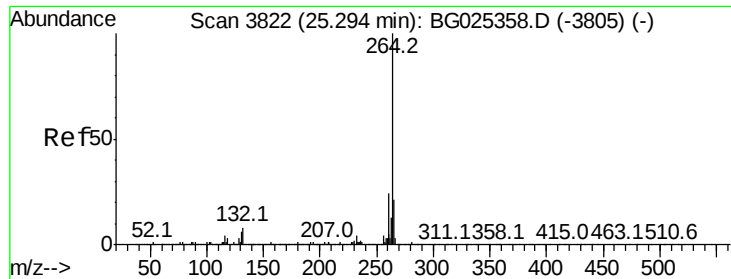
Tot Ion:240 Resp: 541458
 Ion Ratio Lower Upper
 240 100
 120 4.7 5.7 8.5#
 236 27.2 22.2 33.4



#78
 Terphenyl-d14
 Concen: 89.97 ng
 RT: 20.16 min Scan# 2949
 Delta R.T. -0.00 min
 Lab File: BG025388.D
 Acq: 22 Dec 2016 14:08

Tgt Ion:244 Resp: 1837385
 Ion Ratio Lower Upper
 244 100
 212 9.6 10.0 15.0#
 122 6.7 8.6 12.8#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

BNA_G

ClientSampleId :

W-04

Tot Ion:264 Resp: 554992

Ion Ratio Lower Upper

264 100

260 19.3 21.8 32.8#

265 19.8 18.2 27.4

