

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025774.D
 Acq On : 3 Feb 2017 1:32
 Operator : SJ/MA
 Sample : I1644-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B3-B5-001

Quant Time: Feb 03 04:45:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

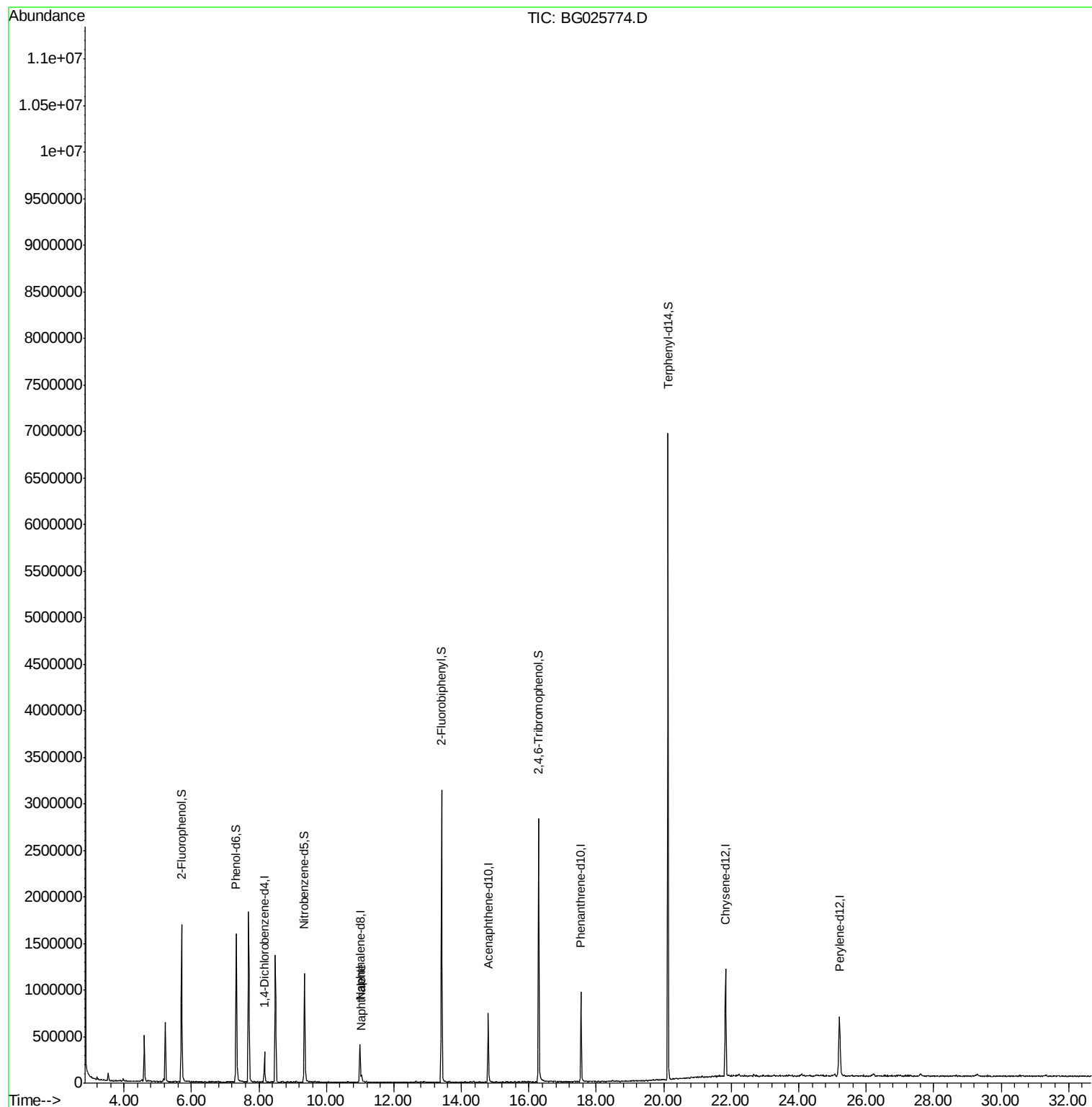
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	81694	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	349657	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	275623	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	634939	20.00	ng	0.00
75) Chrysene-d12	21.83	240	765771	20.00	ng	0.00
86) Perylene-d12	25.21	264	723754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	693591	152.16	ng	0.00
7) Phenol-d6	7.32	99	932517	140.07	ng	0.00
23) Nitrobenzene-d5	9.35	82	783546	94.68	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	556823	141.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1590288	93.71	ng	0.00
78) Terphenyl-d14	20.13	244	2711974	85.48	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	57683	3.18	ng	Qvalue # 94

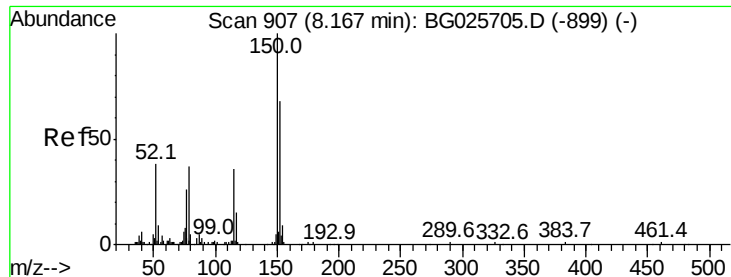
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

Instrument :

BNA_G

ClientSampleId :

WC-B3-B5-001

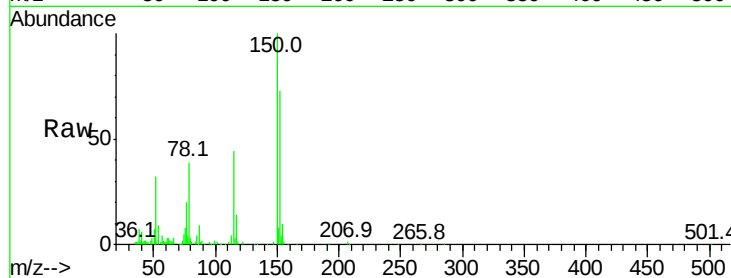
Tot Ion:152 Resp: 81694

Ion Ratio Lower Upper

152 100

150 137.9 114.0 171.0

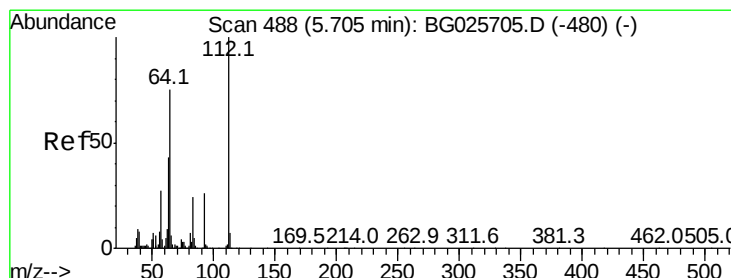
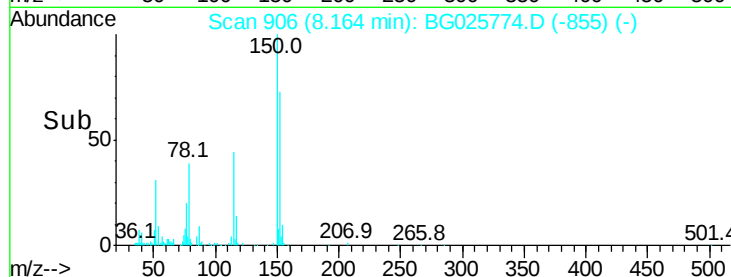
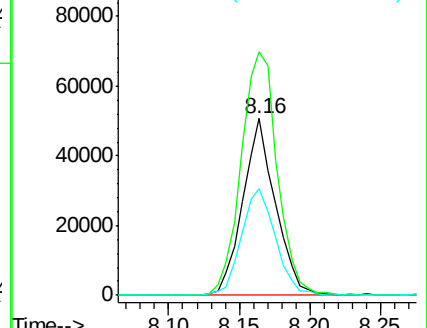
115 60.5 48.1 72.1



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: 152.16 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

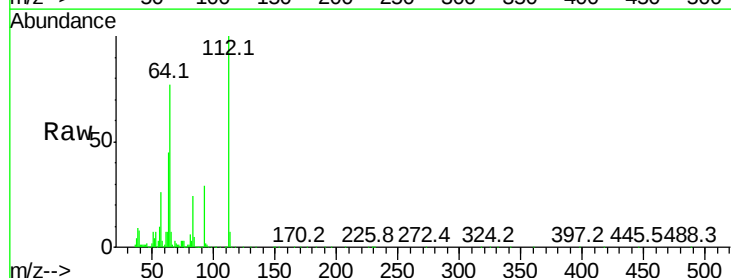
Tgt Ion:112 Resp: 693591

Ion Ratio Lower Upper

112 100

64 77.3 61.8 92.6

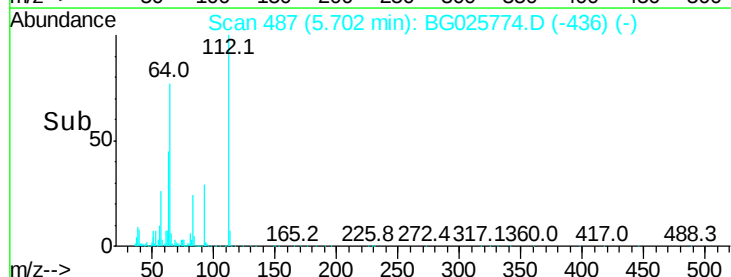
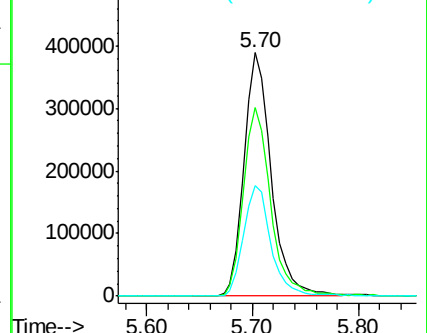
63 45.5 37.2 55.8

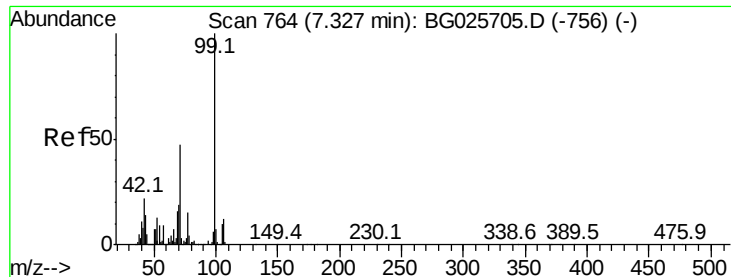


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 140.07 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

Instrument :

BNA_G

ClientSampleId :

WC-B3-B5-001

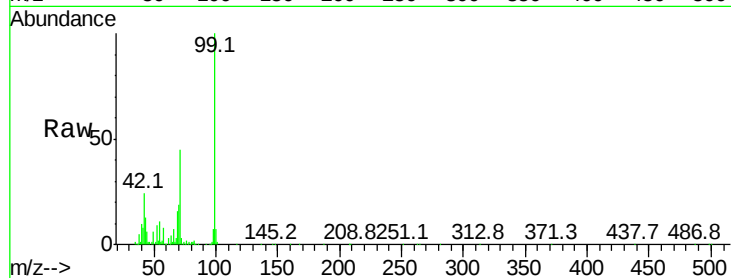
Tot Ion: 99 Resp: 932517

Ion Ratio Lower Upper

99 100

42 24.4 20.5 30.7

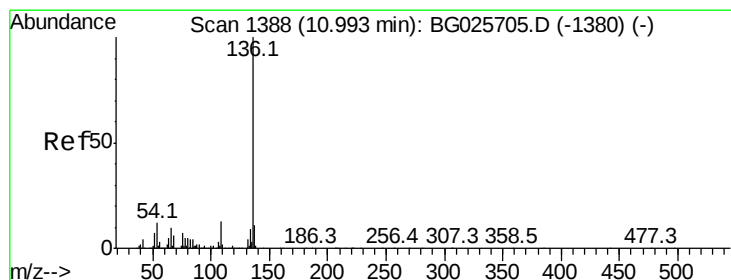
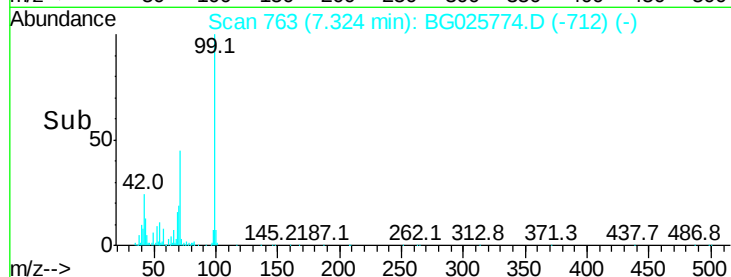
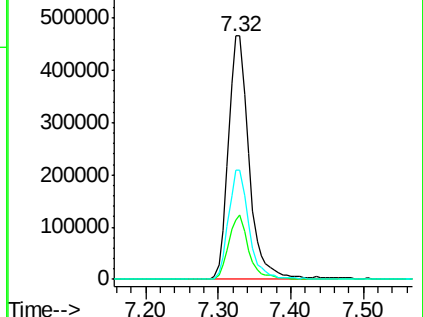
71 44.6 37.6 56.4



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: 11.00 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

Tgt Ion: 136 Resp: 349657

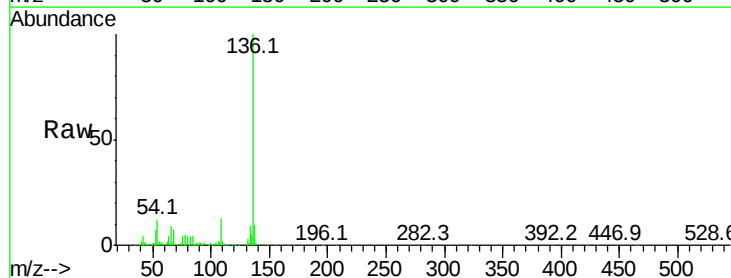
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 12.5 9.3 13.9

68 6.8 5.1 7.7

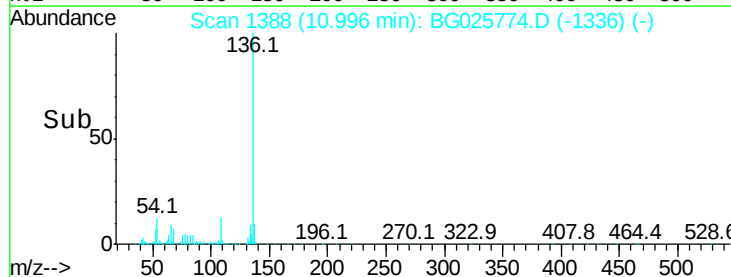
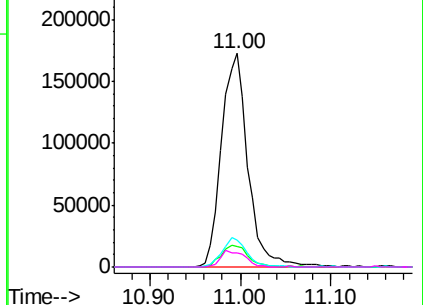


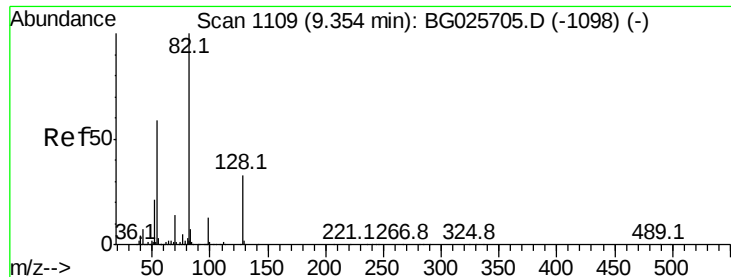
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

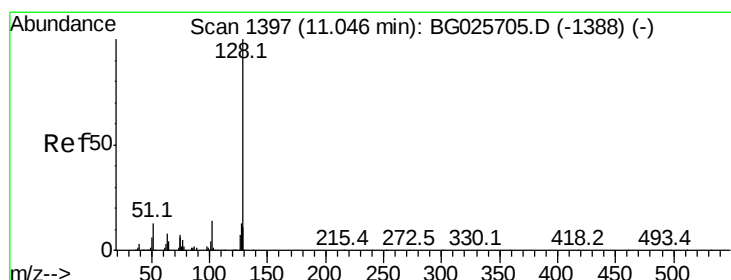
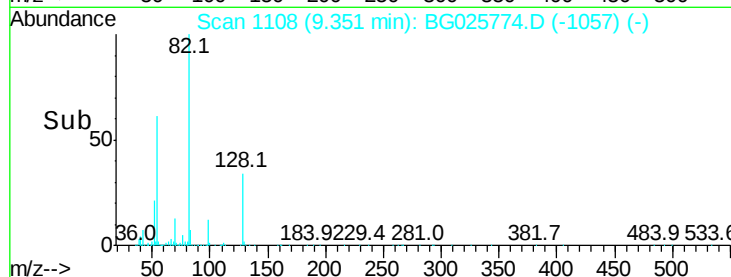
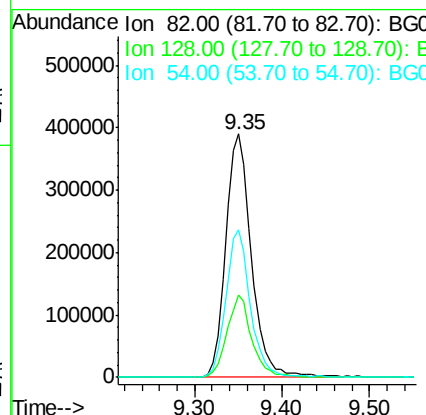
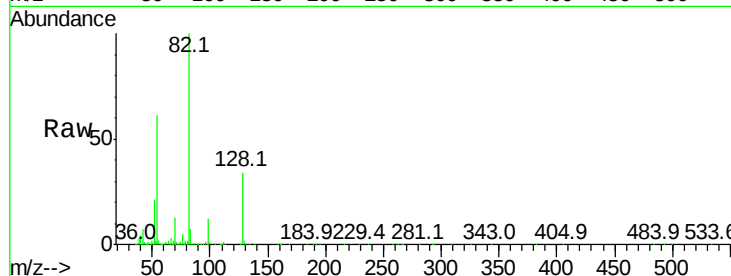




#23
Nitrobenzene-d5
Concen: 94.68 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

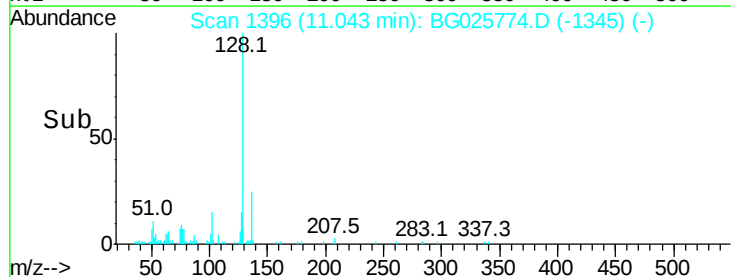
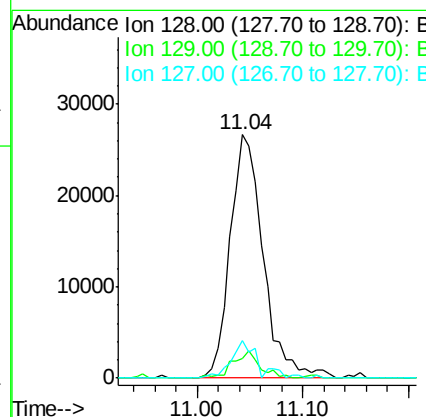
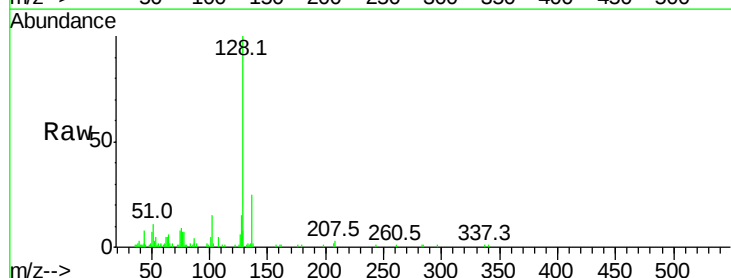
Instrument :
BNA_G
ClientSampleId :
WC-B3-B5-001

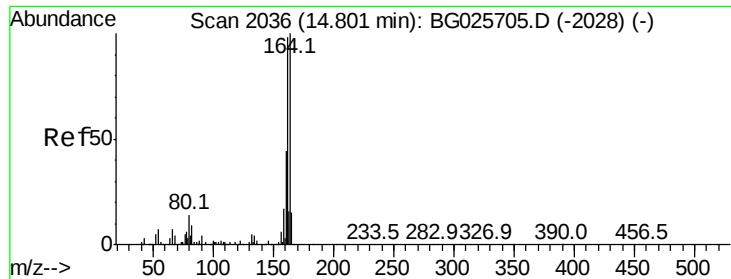
Tot Ion	82	Resp	783546
Ion Ratio	Lower	Upper	
82	100		
128	33.8	26.4	39.6
54	60.6	49.4	74.2



#31
Naphthalene
Concen: 3.18 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

Tgt Ion	128	Resp	57683
Ion Ratio	Lower	Upper	
128	100		
129	7.9	9.3	13.9#
127	15.4	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

Instrument :

BNA_G

ClientSampleId :

WC-B3-B5-001

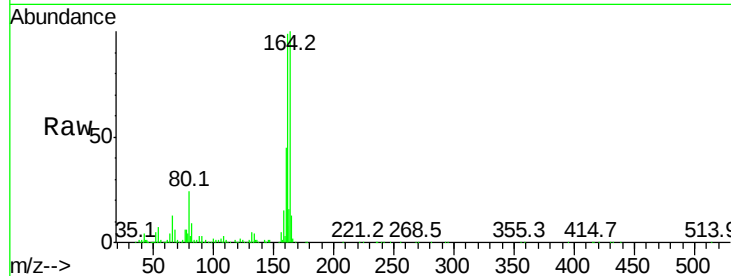
Tot Ion:164 Resp: 275623

Ion Ratio Lower Upper

164 100

162 98.8 85.1 127.7

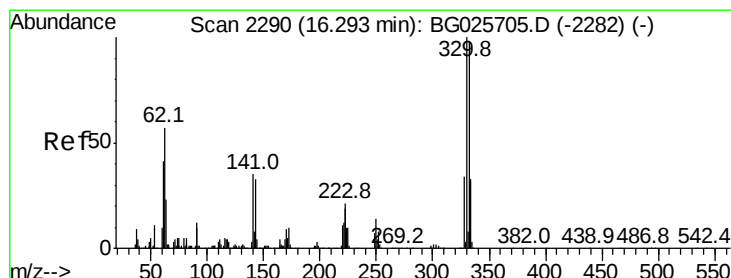
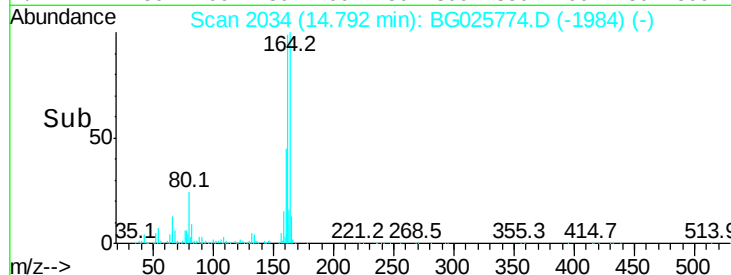
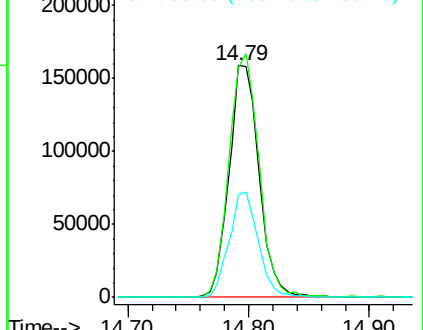
160 44.6 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 141.66 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

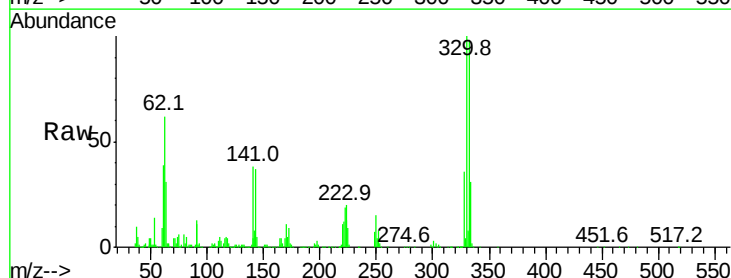
Tgt Ion:330 Resp: 556823

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

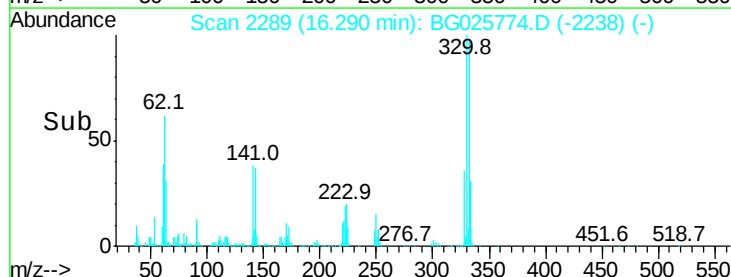
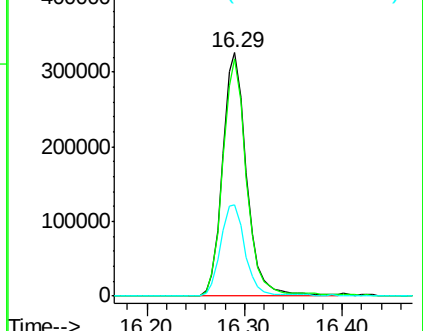
141 38.8 32.1 48.1

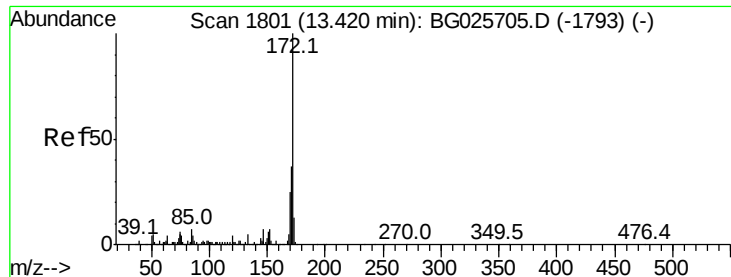


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.71 ng

RT: 13.42 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

Instrument :

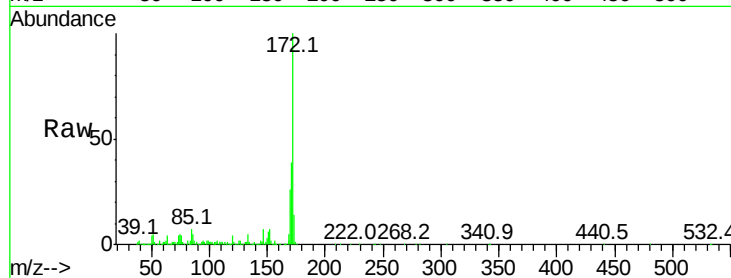
BNA_G

ClientSampleId :

WC-B3-B5-001

Tot Ion:172 Resp: 1590288

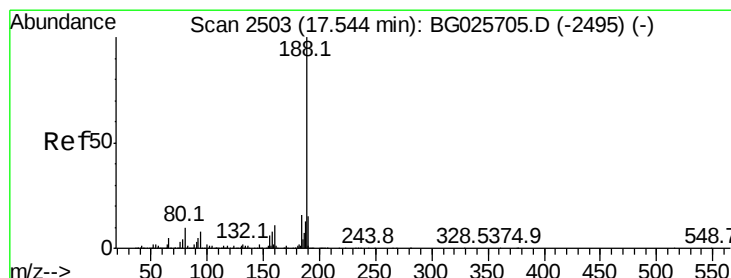
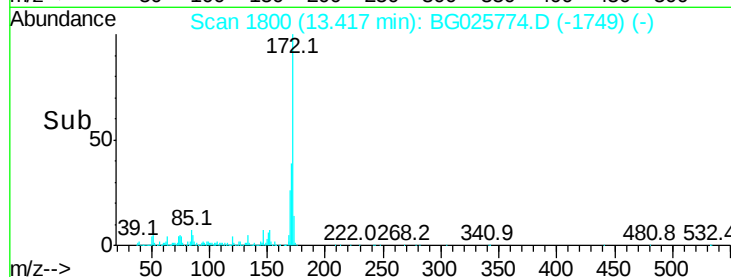
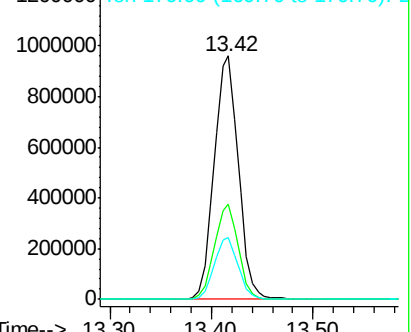
Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.2	48.2
170	25.6	21.8	32.6



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: 17.54 min Scan# 2502

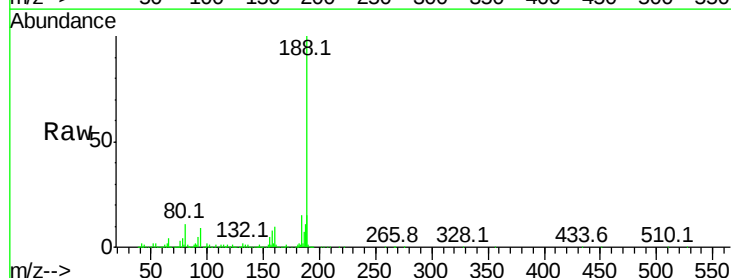
Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

Tgt Ion:188 Resp: 634939

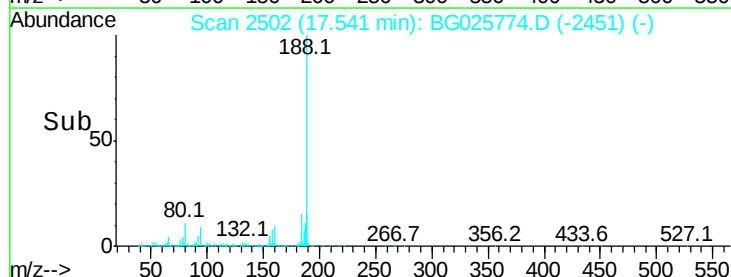
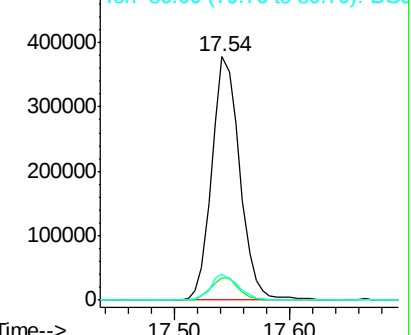
Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.8	8.8#
80	10.7	7.5	11.3

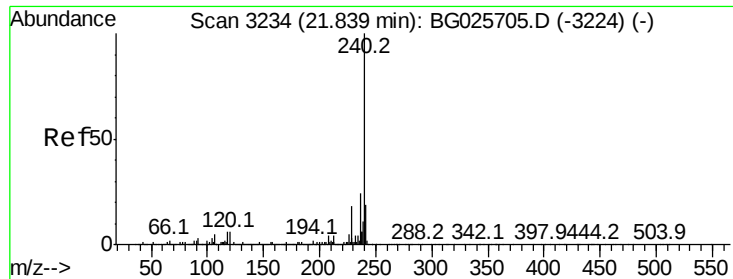


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

Instrument :

BNA_G

ClientSampleId :

WC-B3-B5-001

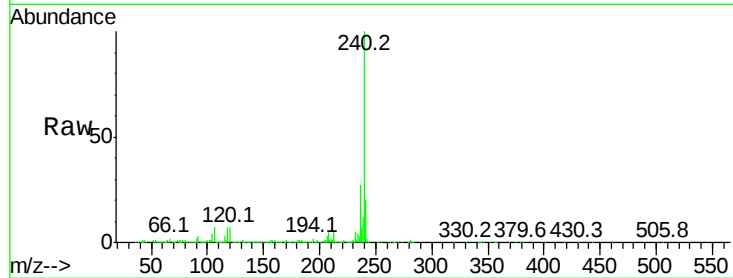
Tot Ion:240 Resp: 765771

Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

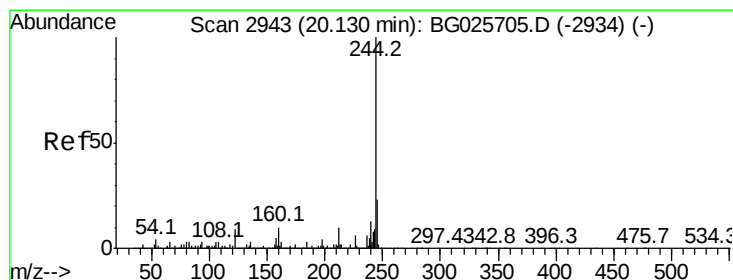
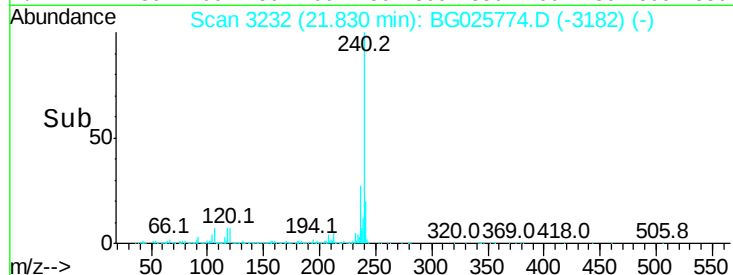
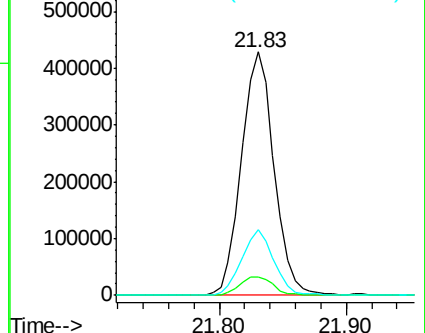
236 27.1 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 85.48 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

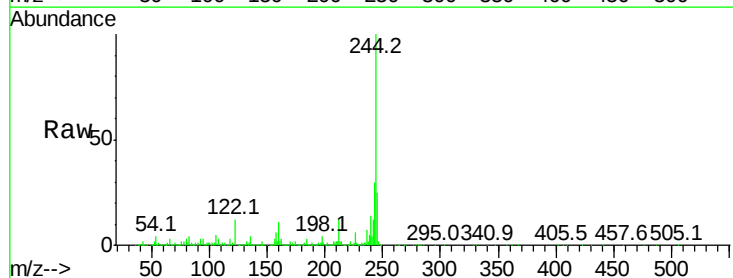
Tgt Ion:244 Resp: 2711974

Ion Ratio Lower Upper

244 100

212 11.6 10.0 15.0

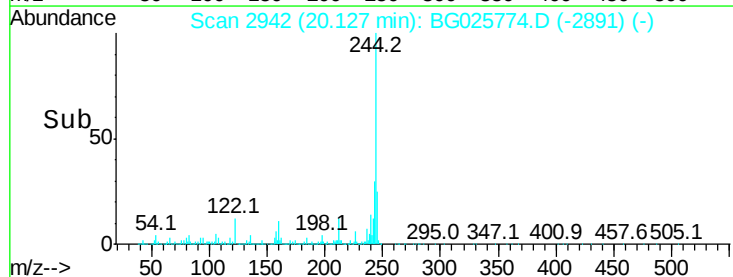
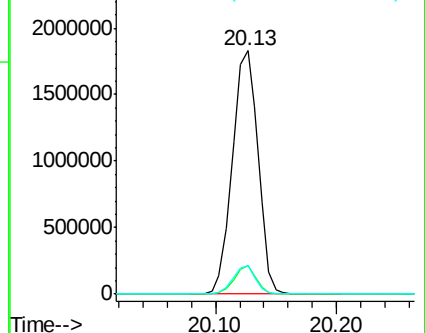
122 11.5 8.6 12.8

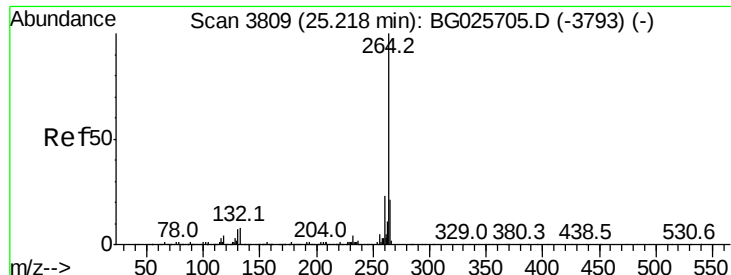


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

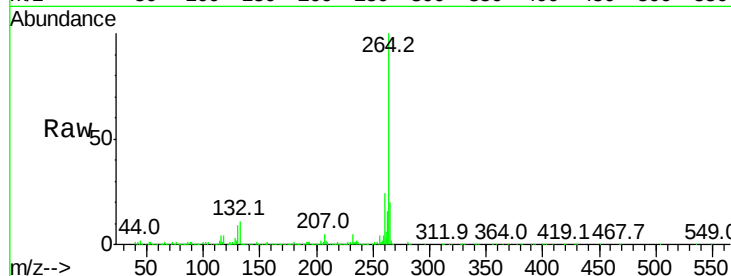




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. -0.01 min
 Lab File: BG025774.D
 Acq: 3 Feb 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 WC-B3-B5-001

Tot Ion:	264	Resp:	723754
Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	19.8	18.2	27.4



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

