

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025539.D
 Acq On : 20 Jan 2017 15:20
 Operator : UM/SJ
 Sample : PB96092BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96092BL

Quant Time: Jan 21 00:28:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	65162	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	259817	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	209552	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	476303	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	746350	20.00	ng	-0.02
86) Perylene-d12	25.22	264	791433	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	573525	159.98	ng	-0.02
7) Phenol-d6	7.34	99	802130	158.87	ng	-0.02
23) Nitrobenzene-d5	9.37	82	592350	100.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	469555	139.18	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1251607	96.70	ng	-0.02
78) Terphenyl-d14	20.14	244	2473924	87.89	ng	-0.02

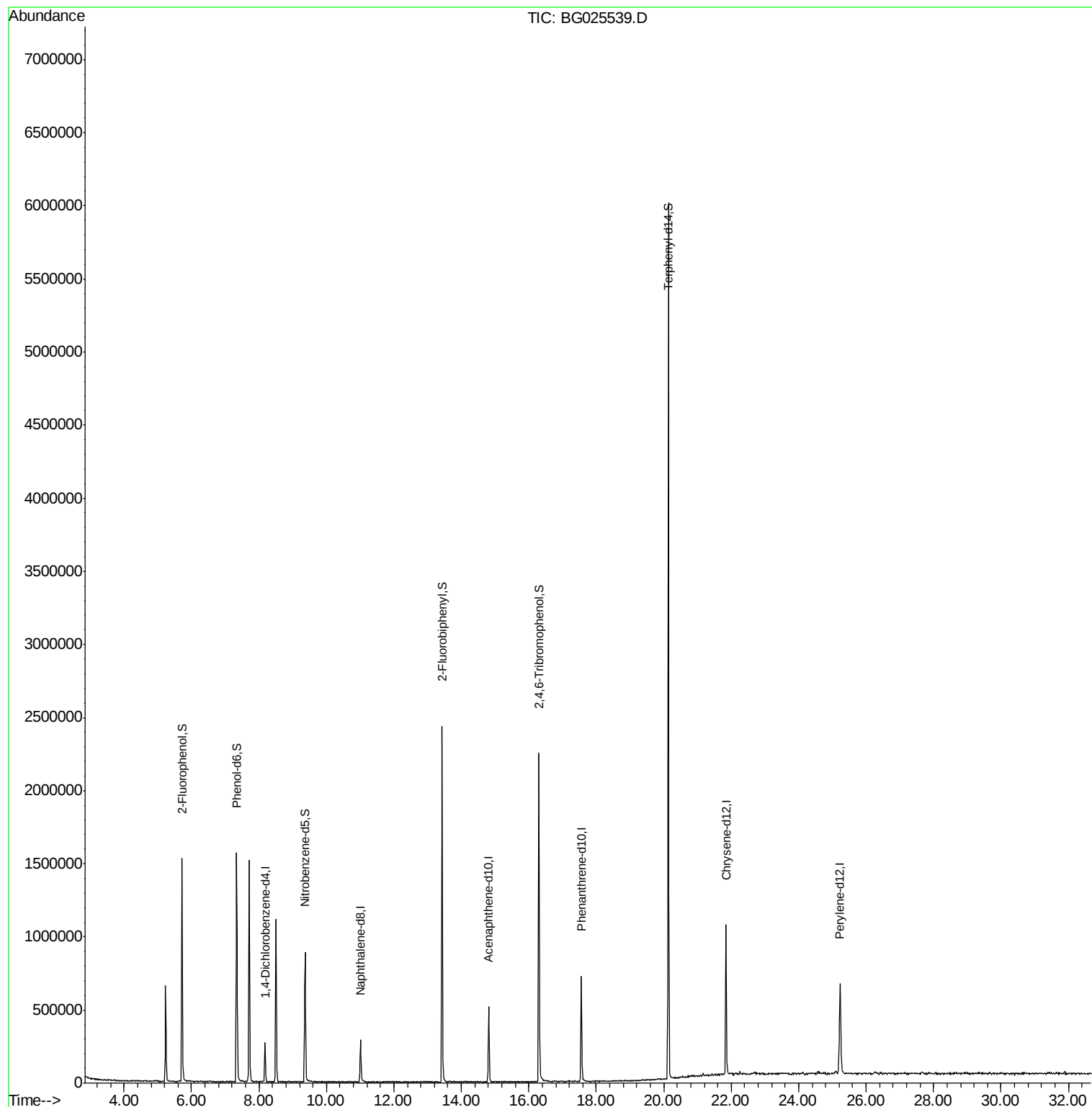
Target Compounds Qvalue

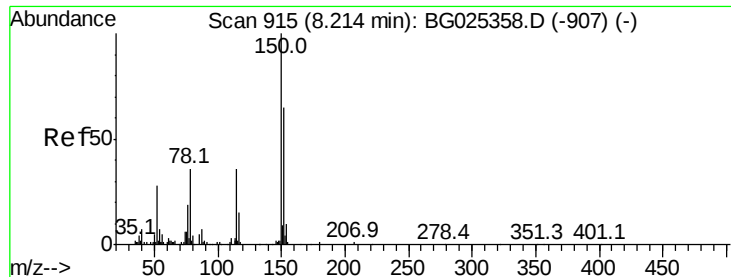
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025539.D

Acq: 20 Jan 2017 15:20

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ClientSampleId :

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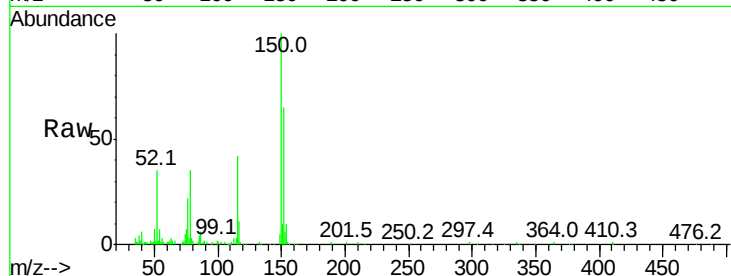
Tot Ion:152 Resp: 65162

Ion Ratio Lower Upper

152 100

150 154.4 114.0 171.0

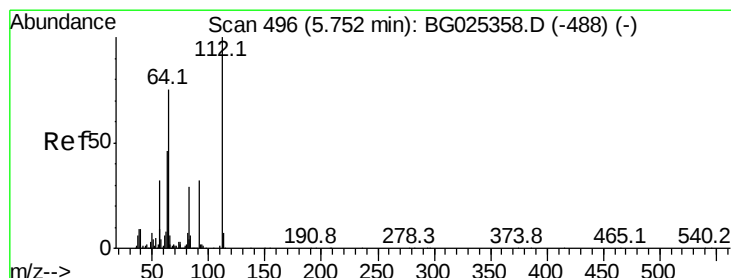
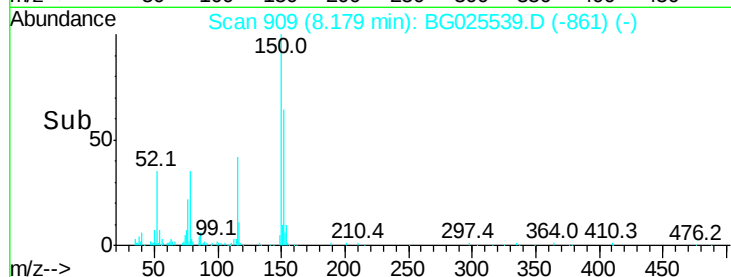
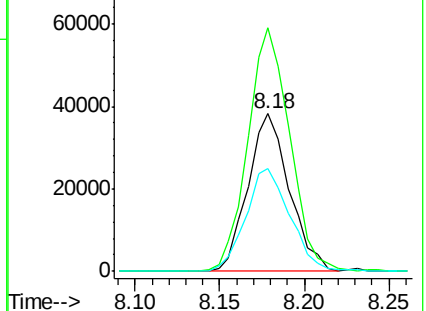
115 65.5 48.1 72.1



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: 159.98 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025539.D

Acq: 20 Jan 2017 15:20

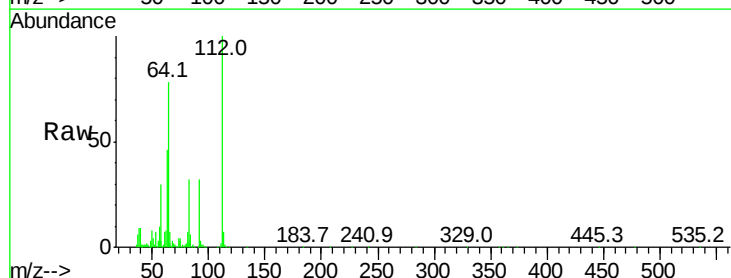
Tgt Ion:112 Resp: 573525

Ion Ratio Lower Upper

112 100

64 77.8 61.8 92.6

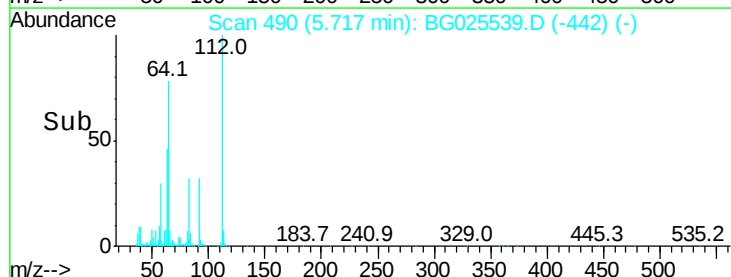
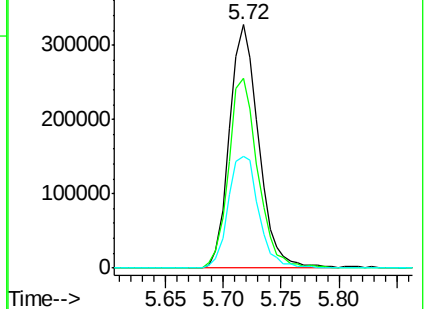
63 46.2 37.2 55.8

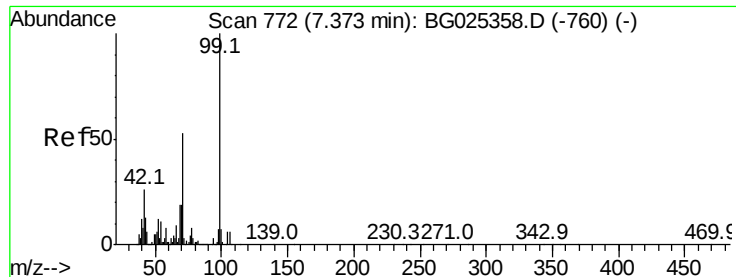


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 158.87 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025539.D

Acq: 20 Jan 2017 15:20

Instrument :

BNA_G

ClientSampleId :

PB96092BL

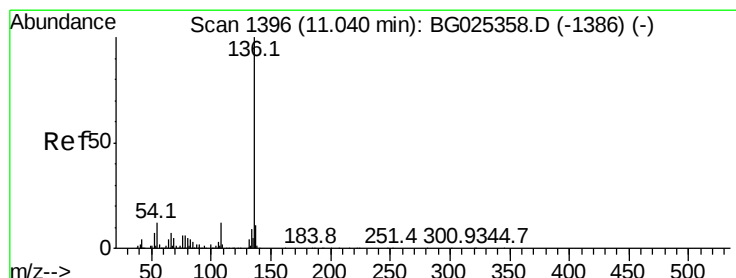
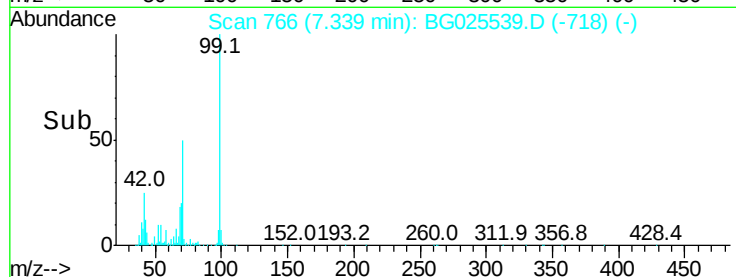
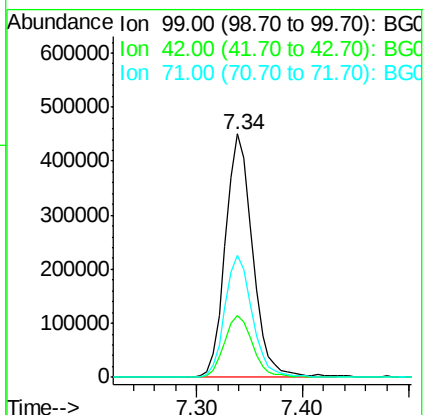
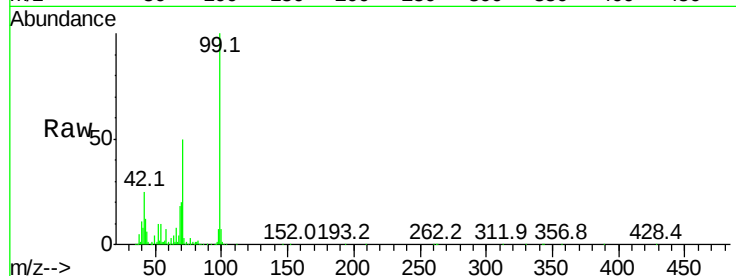
Tot Ion: 99 Resp: 802130

Ion Ratio Lower Upper

99 100

42 25.4 20.5 30.7

71 50.3 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BG025539.D

Acq: 20 Jan 2017 15:20

Tgt Ion: 136 Resp: 259817

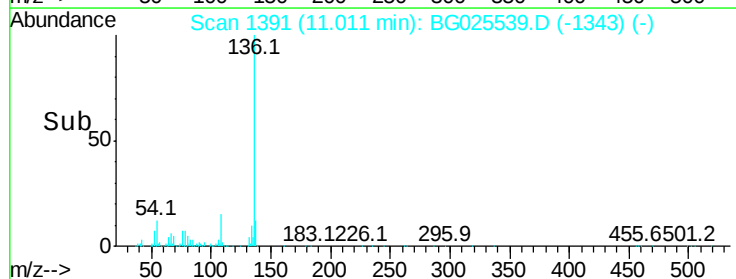
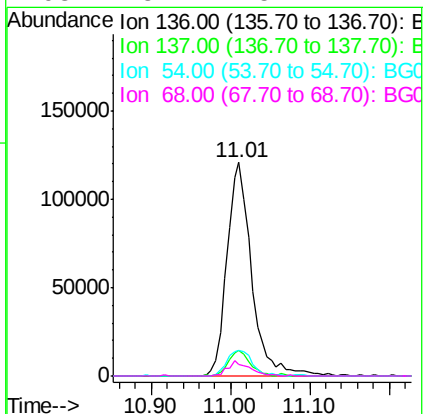
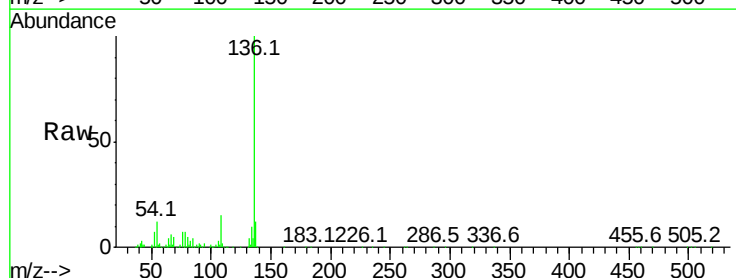
Ion Ratio Lower Upper

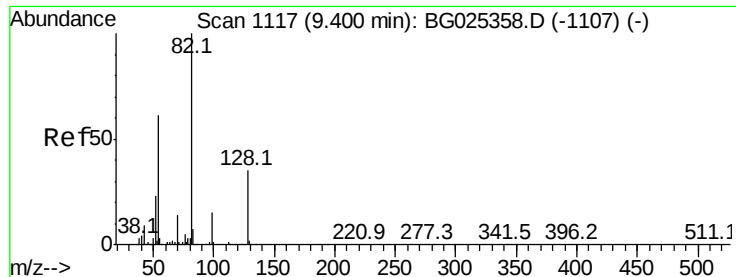
136 100

137 12.0 8.9 13.3

54 12.2 9.3 13.9

68 5.4 5.1 7.7

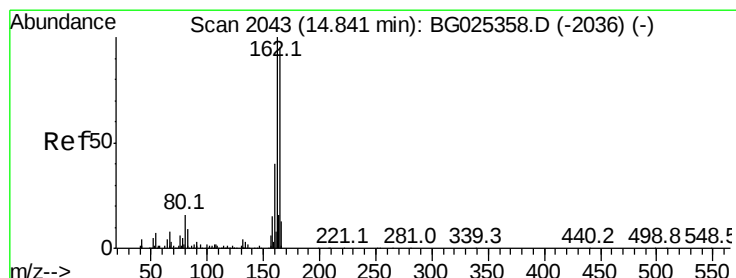
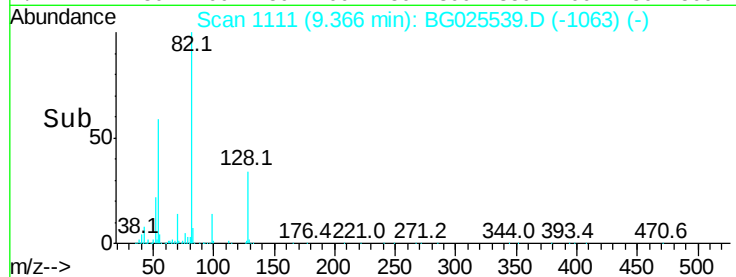
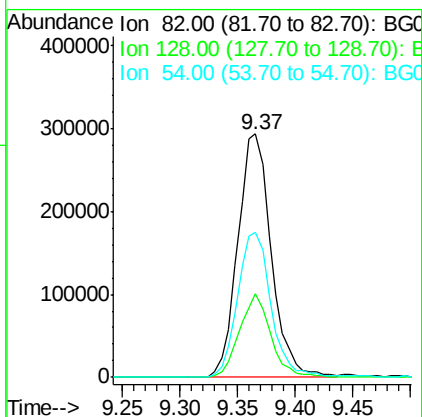
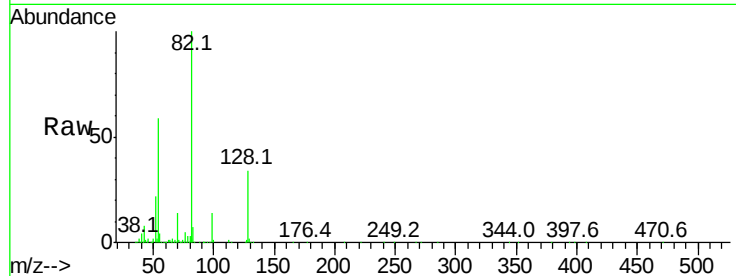




#23
 Nitrobenzene-d5
 Concen: 100.72 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BG025539.D
 Acq: 20 Jan 2017 15:20

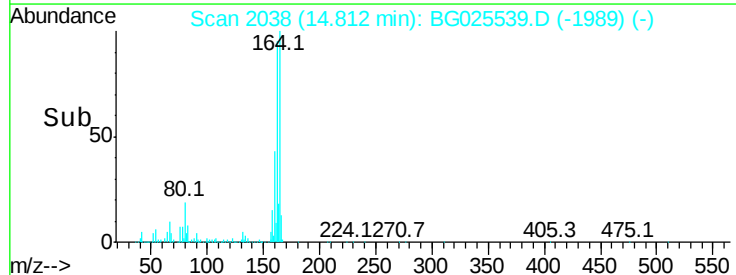
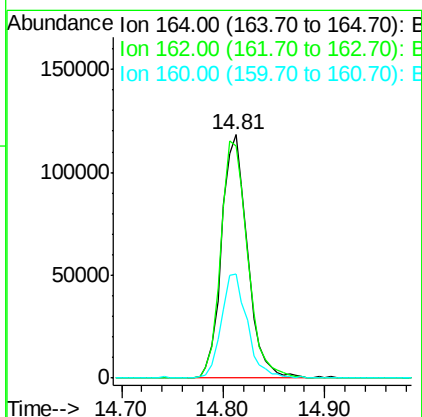
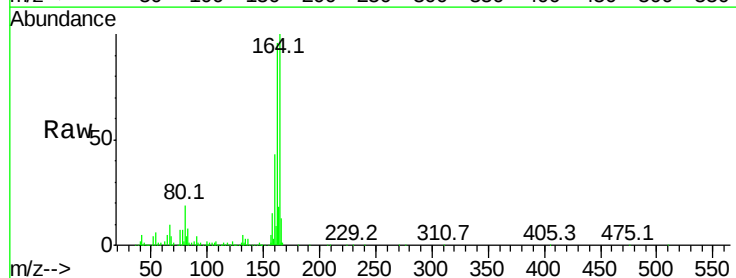
Instrument :
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 ClientSampleId :
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Tot Ion	82	Resp	592350
Ion Ratio	Lower	Upper	
82	100		
128	34.1	26.4	39.6
54	59.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BG025539.D
 Acq: 20 Jan 2017 15:20

Tgt Ion	164	Resp	209552
Ion Ratio	Lower	Upper	
164	100		
162	95.6	85.1	127.7
160	42.5	34.7	52.1

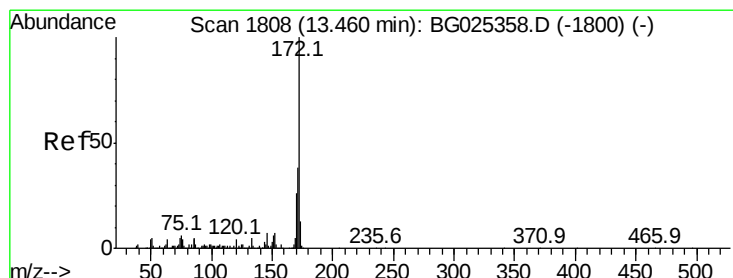
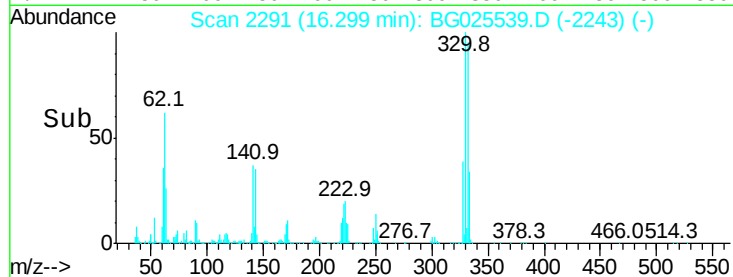
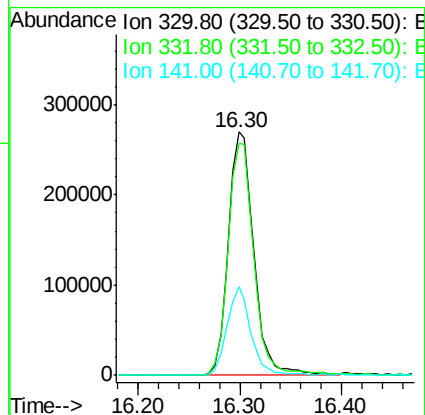
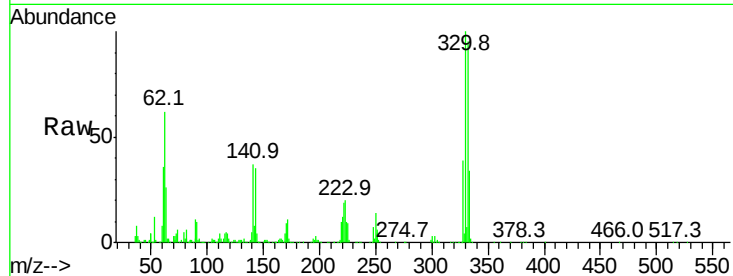




#41
 2,4,6-Tribromophenol
 Concen: 139.18 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025539.D
 Acq: 20 Jan 2017 15:20

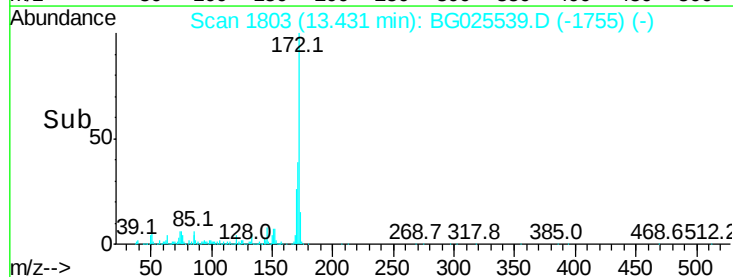
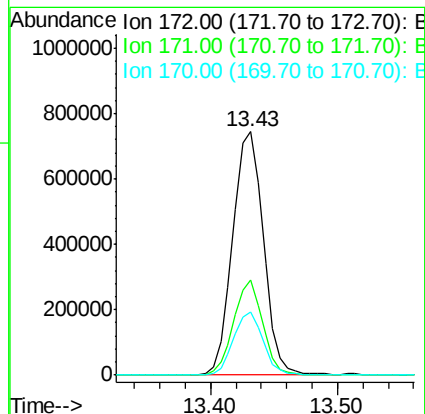
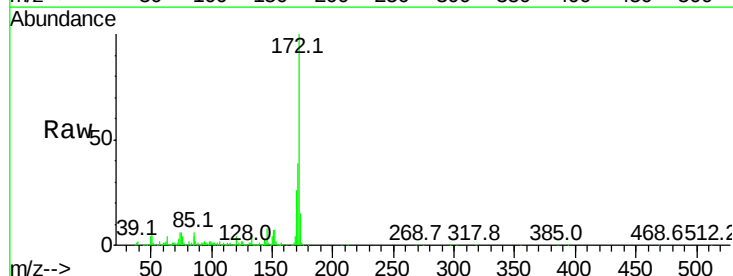
Instrument :
 BNA_G
 ClientSampleId :
 PB96092BL

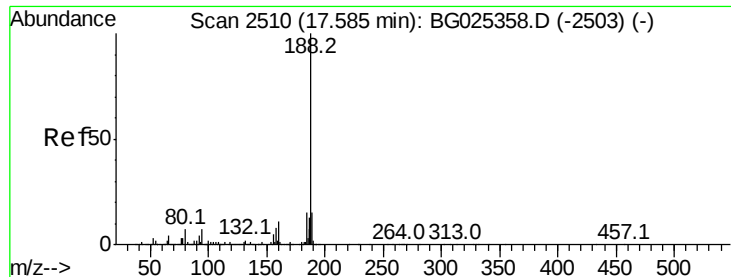
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	34.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 96.70 ng
 RT: 13.43 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BG025539.D
 Acq: 20 Jan 2017 15:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	25.9	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025539.D

Acq: 20 Jan 2017 15:20

Instrument :

BNA_G

ClientSampleId :

PB96092BL

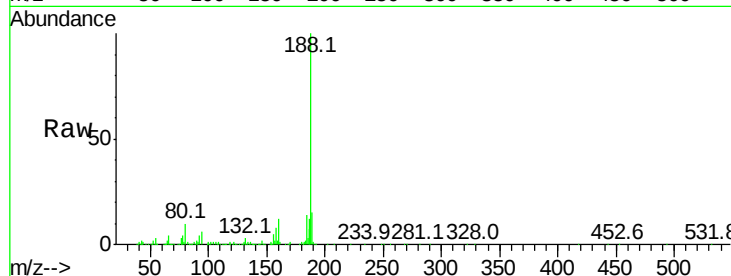
Tot Ion:188 Resp: 476303

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

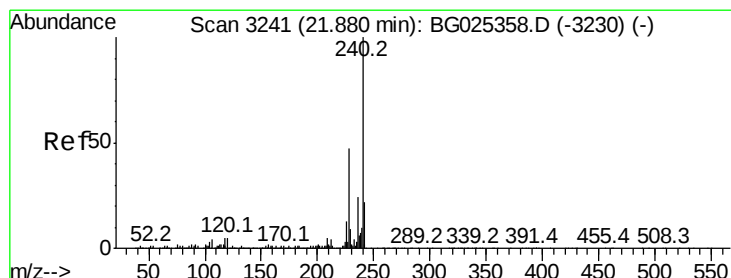
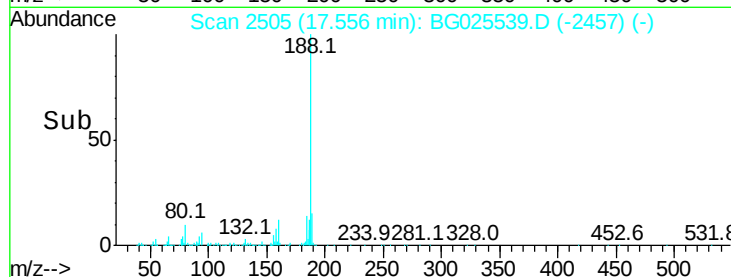
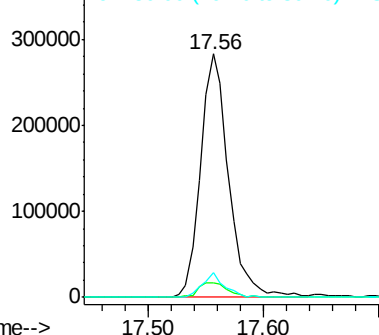
80 10.1 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025539.D

Acq: 20 Jan 2017 15:20

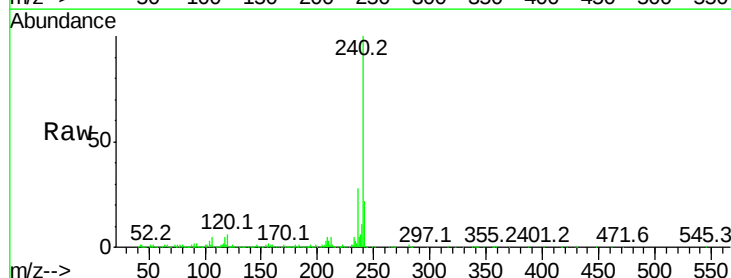
Tgt Ion:240 Resp: 746350

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

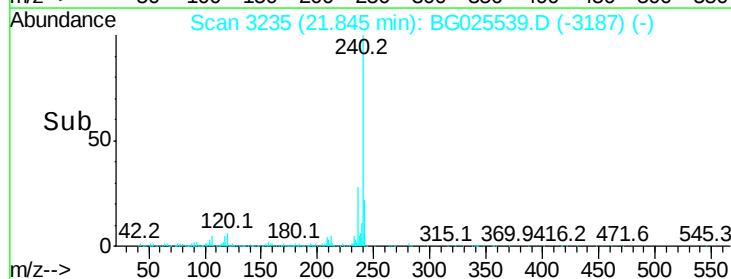
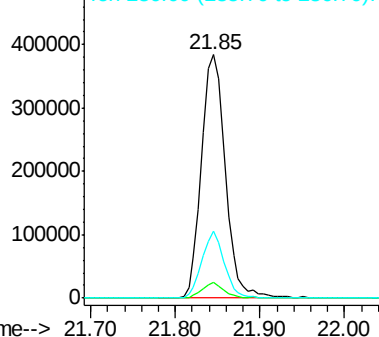
236 27.7 22.2 33.4

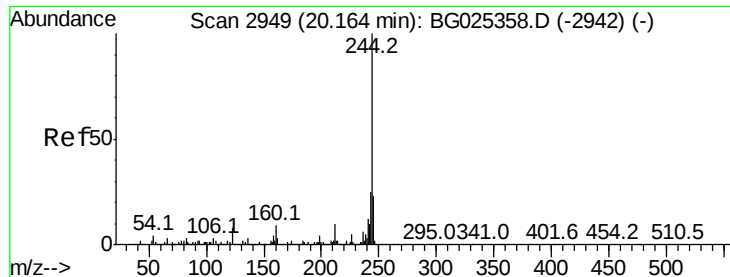


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.89 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025539.D

Acq: 20 Jan 2017 15:20

Instrument :

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ClientSampleId :

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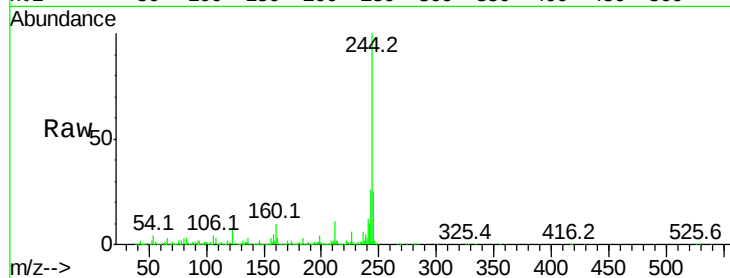
Tot Ion:244 Resp: 2473924

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	8.4	8.6	12.8#

244 100

212 10.9 10.0 15.0

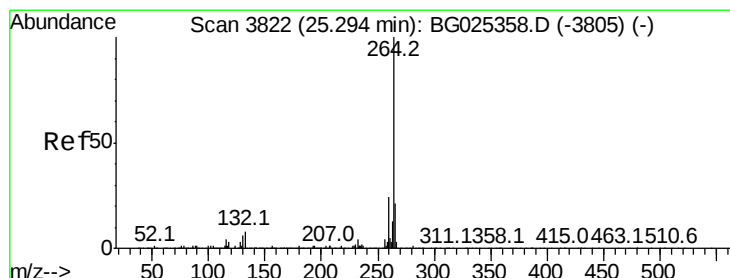
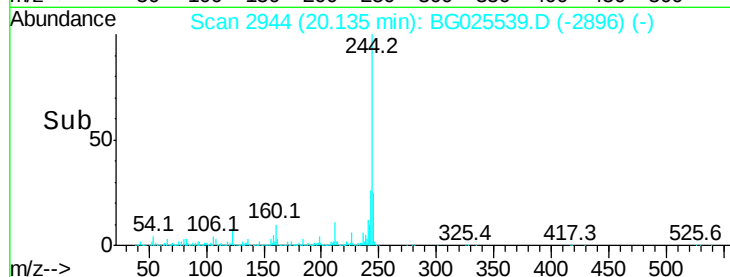
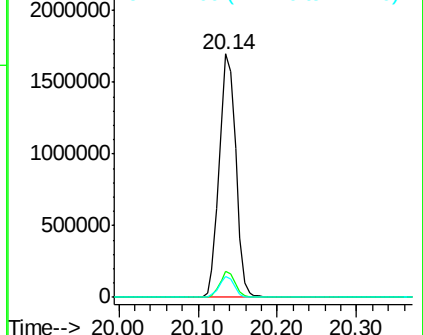
122 8.4 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3810

Delta R.T. -0.04 min

Lab File: BG025539.D

Acq: 20 Jan 2017 15:20

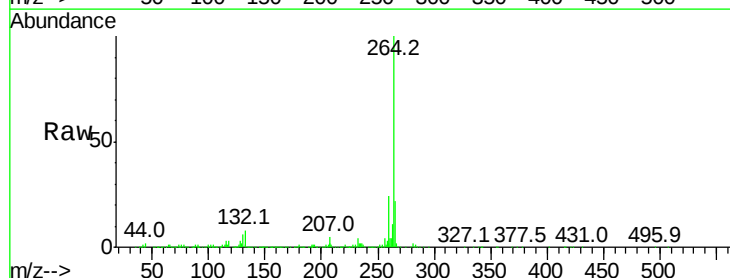
Tgt Ion:264 Resp: 791433

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.0	18.2	27.4

264 100

260 24.2 21.8 32.8

265 22.0 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

