

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025536.D
 Acq On : 20 Jan 2017 13:19
 Operator : UM/SJ
 Sample : PB96135BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96135BL

Quant Time: Jan 21 00:24:34 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	54580	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	214041	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	169421	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	391123	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	644392	20.00	ng	-0.02
86) Perylene-d12	25.23	264	695258	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	484150	161.24	ng	-0.02
7) Phenol-d6	7.34	99	670220	158.48	ng	-0.02
23) Nitrobenzene-d5	9.37	82	498808	102.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	409135	150.00	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1063812	101.66	ng	-0.02
78) Terphenyl-d14	20.14	244	2232878	91.87	ng	-0.02

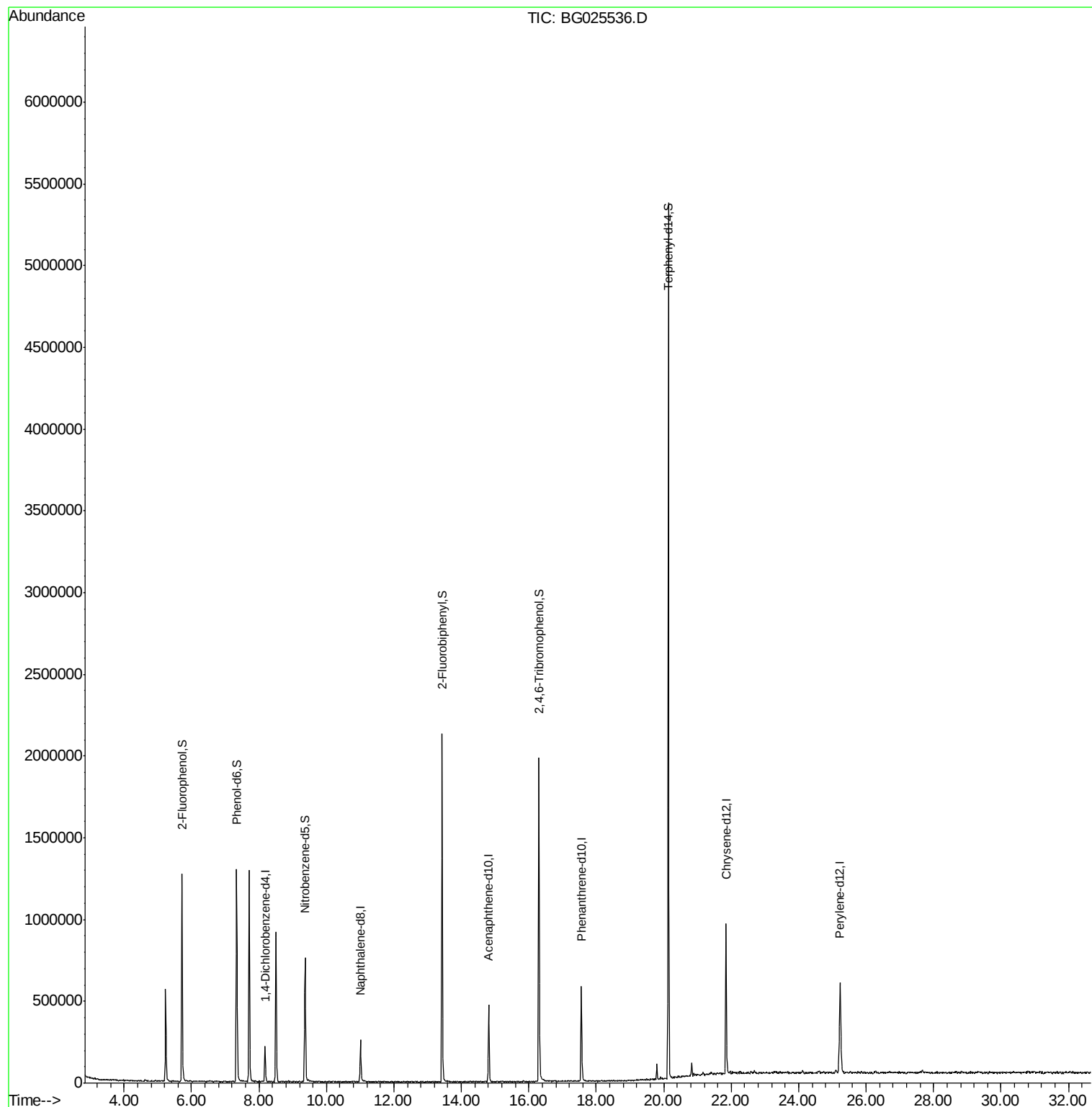
Target Compounds Qvalue

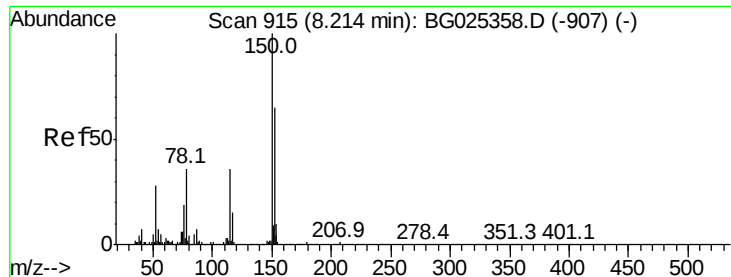
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025536.D

Acq: 20 Jan 2017 13:19

Instrument :

BNA_G

ClientSampleId :

PB96135BL

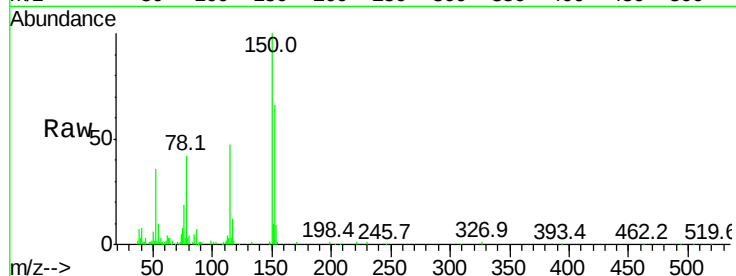
Tot Ion:152 Resp: 54580

Ion Ratio Lower Upper

152 100

150 150.9 114.0 171.0

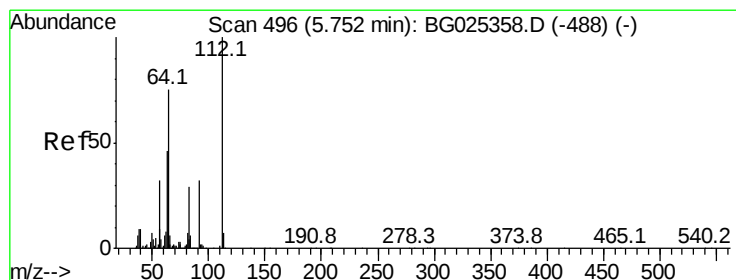
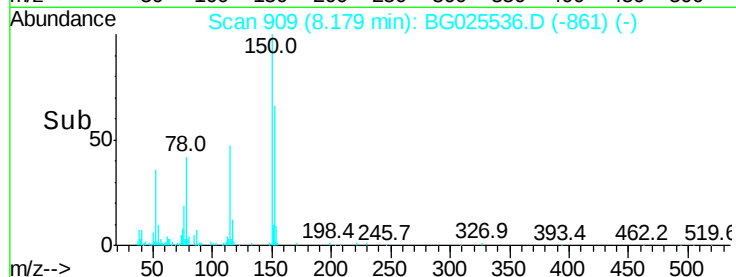
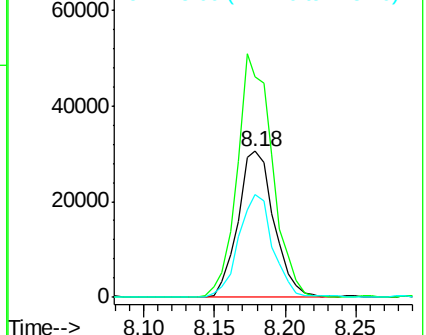
115 70.4 48.1 72.1



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: 161.24 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025536.D

Acq: 20 Jan 2017 13:19

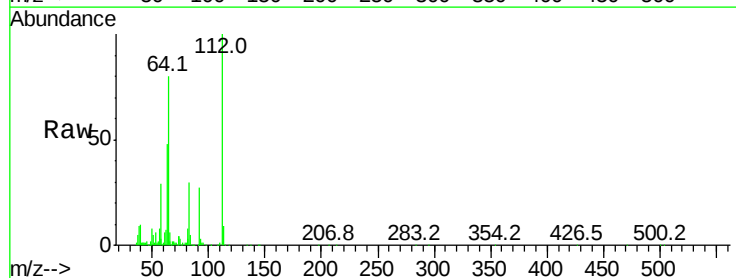
Tgt Ion:112 Resp: 484150

Ion Ratio Lower Upper

112 100

64 79.7 61.8 92.6

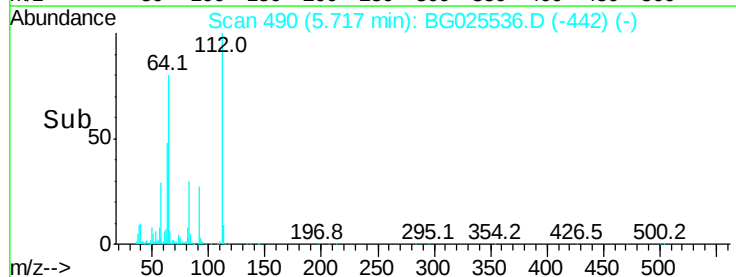
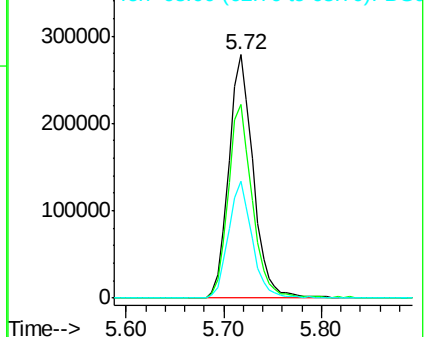
63 47.9 37.2 55.8

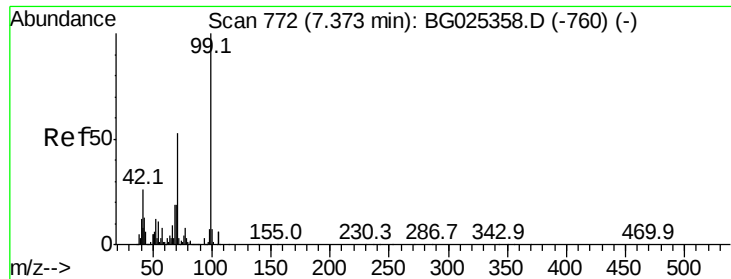


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 158.48 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025536.D

Acq: 20 Jan 2017 13:19

Instrument :

BNA_G

ClientSampleId :

PB96135BL

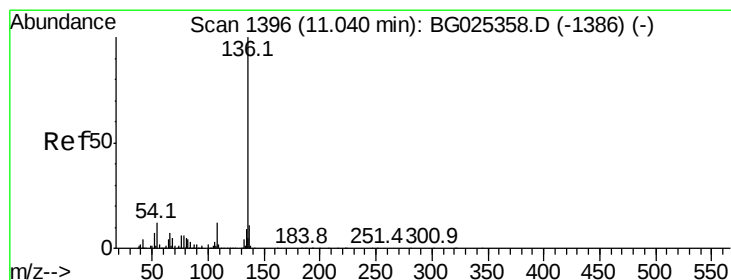
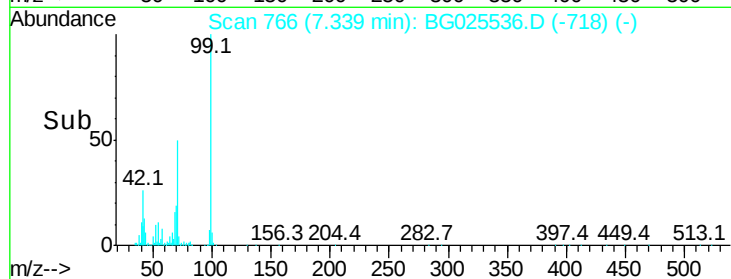
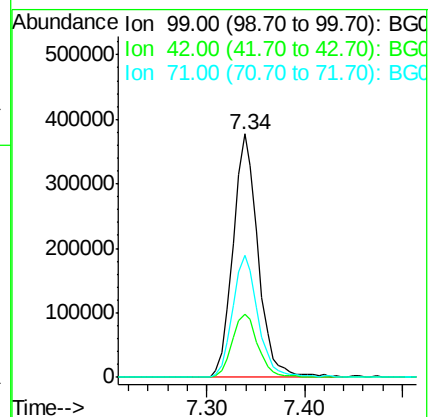
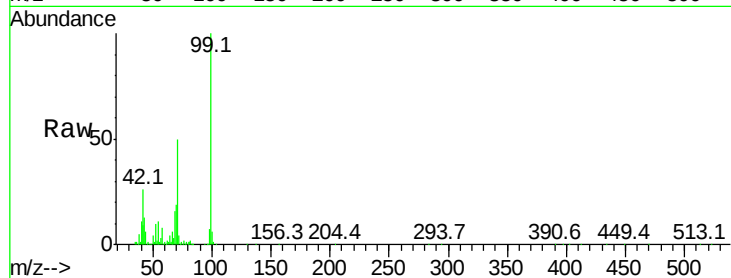
Tot Ion: 99 Resp: 670220

Ion Ratio Lower Upper

99 100

42 25.7 20.5 30.7

71 49.9 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: BG025536.D

Acq: 20 Jan 2017 13:19

Tgt Ion: 136 Resp: 214041

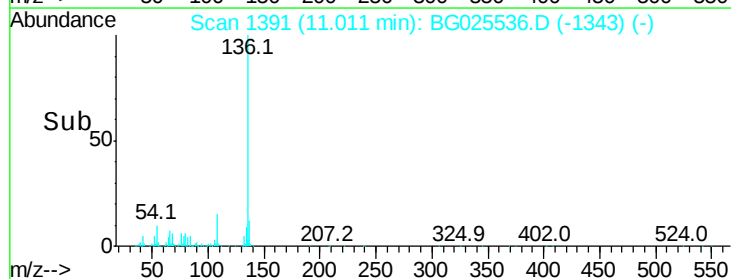
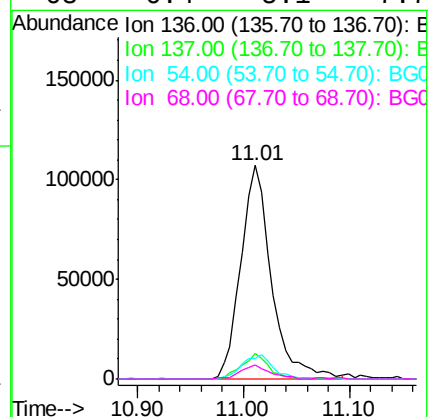
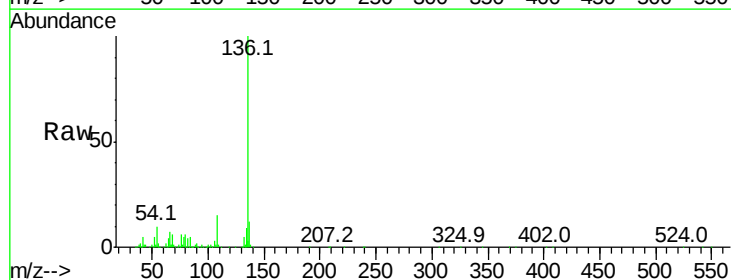
Ion Ratio Lower Upper

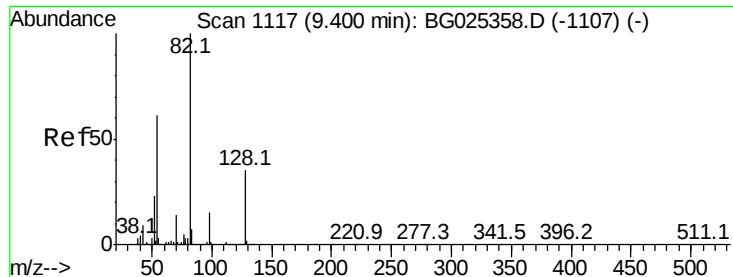
136 100

137 12.1 8.9 13.3

54 9.8 9.3 13.9

68 6.4 5.1 7.7

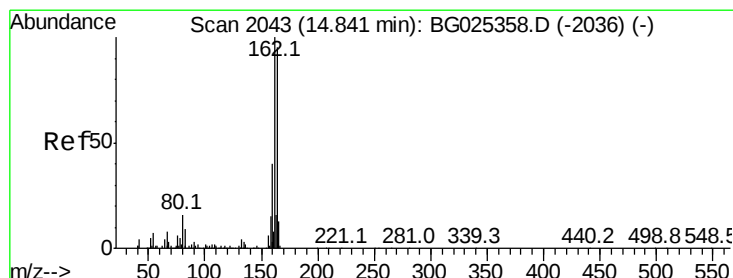
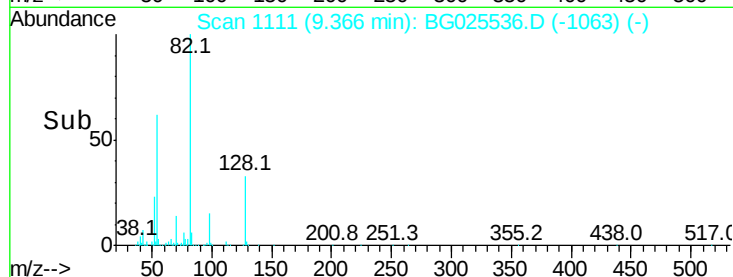
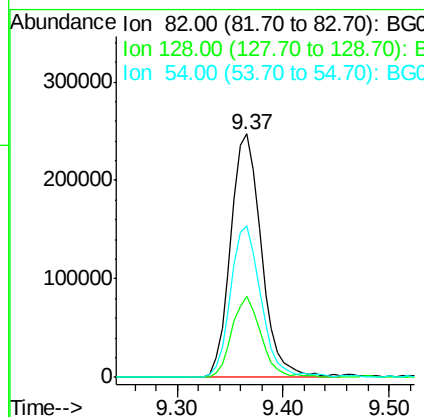
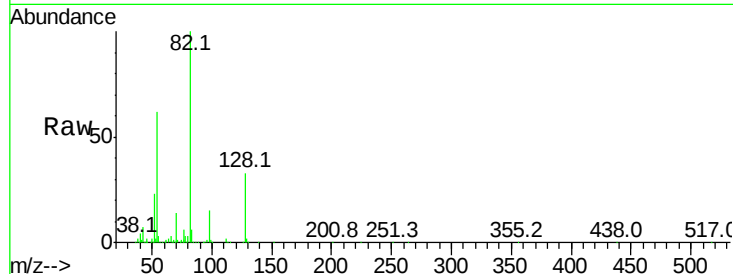




#23
 Nitrobenzene-d5
 Concen: 102.95 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BG025536.D
 Acq: 20 Jan 2017 13:19

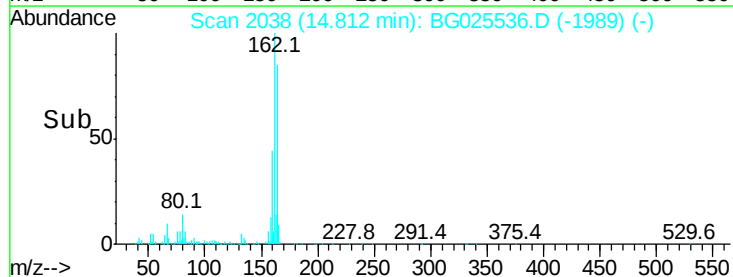
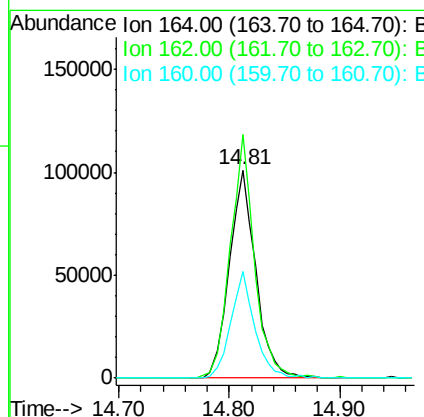
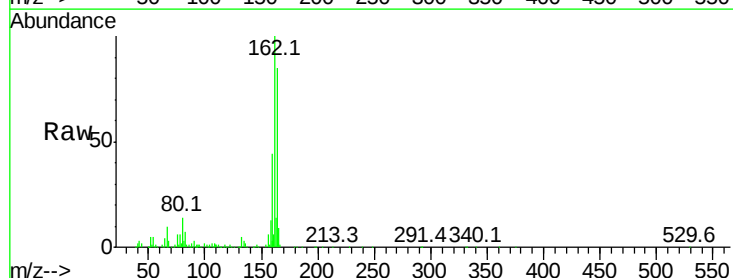
Instrument :
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Tot Ion	82	Resp	498808
Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.4	39.6
54	62.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BG025536.D
 Acq: 20 Jan 2017 13:19

Tgt Ion	164	Resp	169421
Ion	Ratio	Lower	Upper
164	100		
162	117.0	85.1	127.7
160	51.1	34.7	52.1

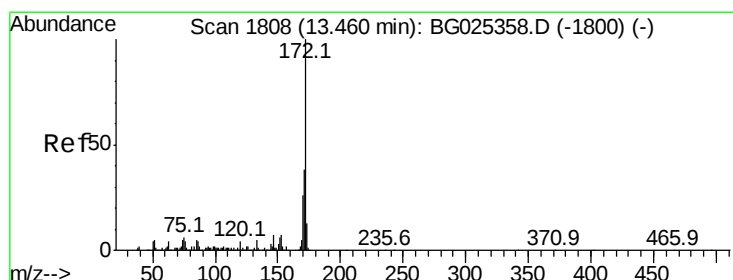
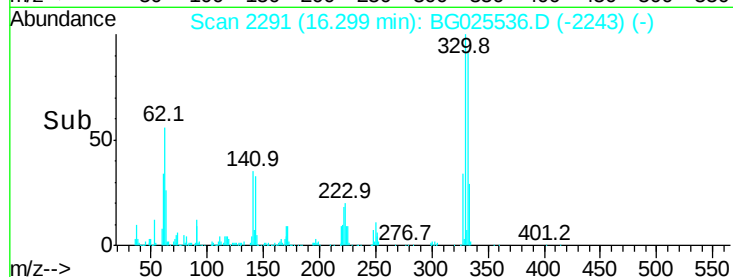
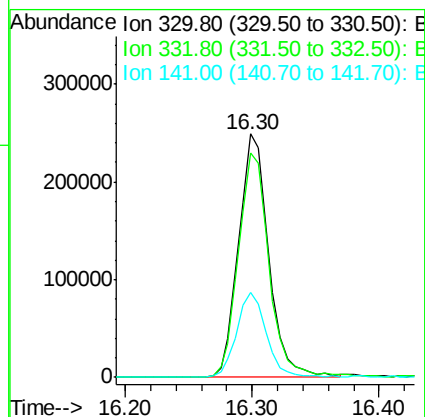
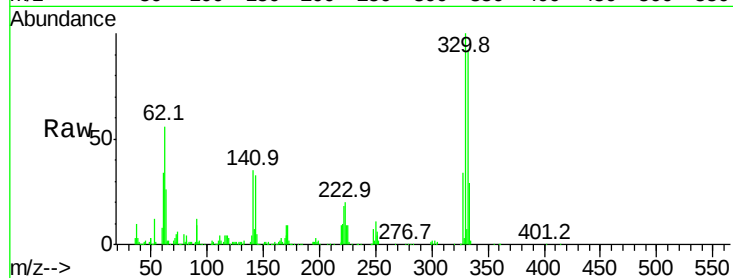




#41
2,4,6-Tribromophenol
Concen: 150.00 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025536.D
Acq: 20 Jan 2017 13:19

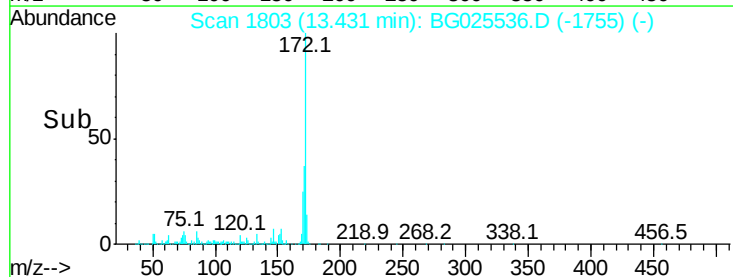
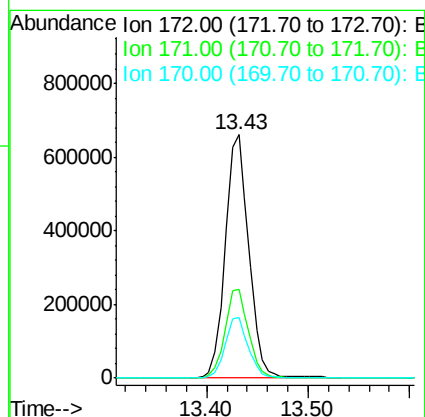
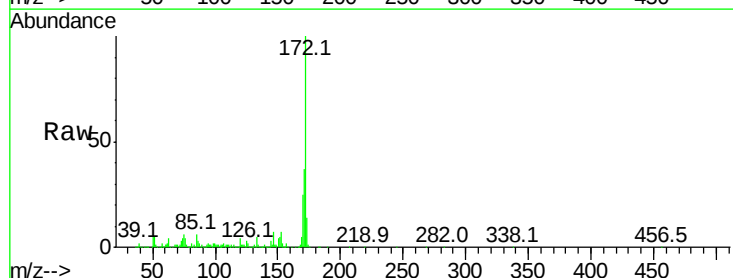
Instrument :
BNA_G
ClientSampleId :
PB96135BL

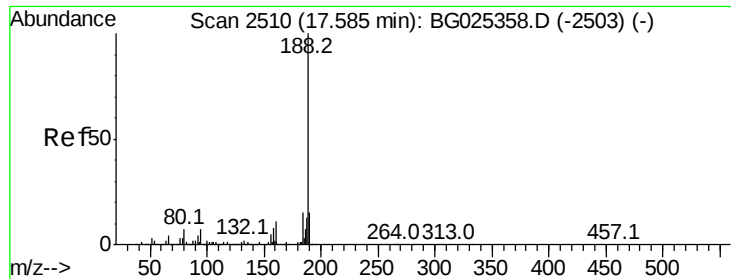
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.3	115.9
141	34.8	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 101.66 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025536.D
Acq: 20 Jan 2017 13:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	24.7	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: BG025536.D

Acq: 20 Jan 2017 13:19

Instrument :

BNA_G

ClientSampleId :

PB96135BL

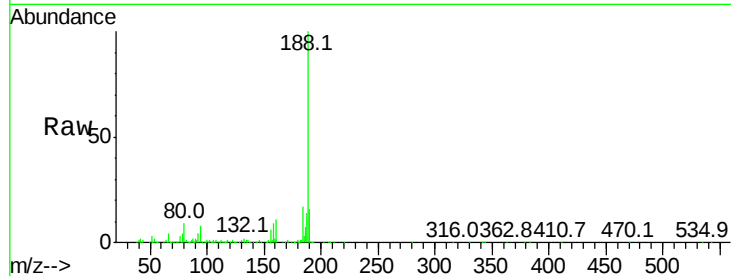
Tot Ion:188 Resp: 391123

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.8

80 8.6 7.5 11.3

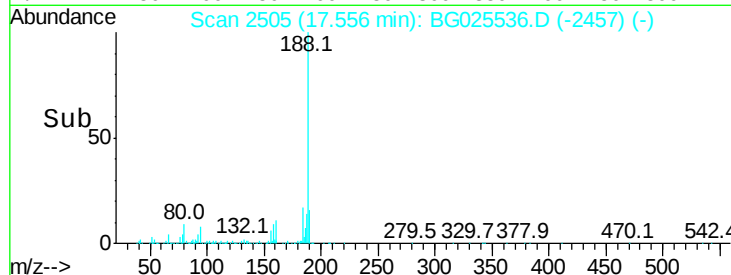


Abundance Ion 188.00 (187.70 to 188.70): E

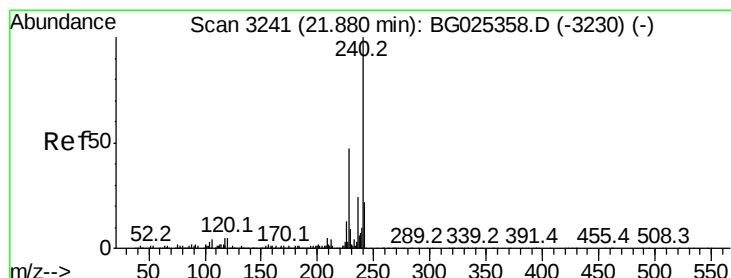
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025536.D

Acq: 20 Jan 2017 13:19

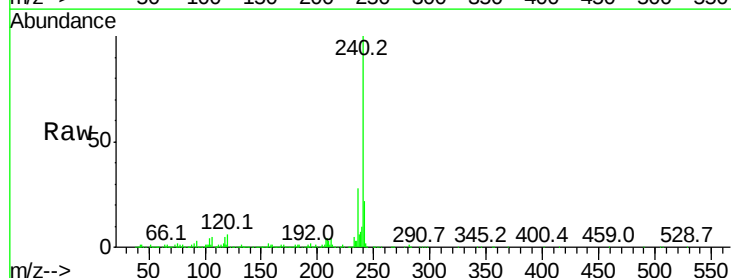
Tgt Ion:240 Resp: 644392

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 28.1 22.2 33.4

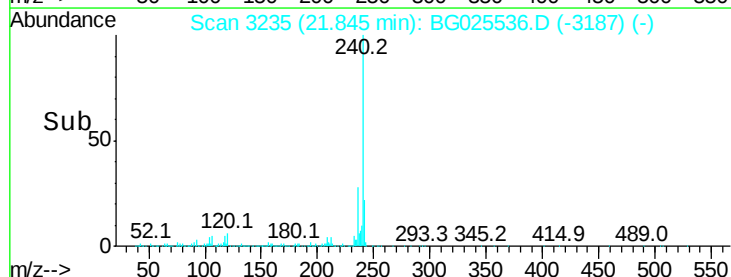


Abundance Ion 240.00 (239.70 to 240.70): E

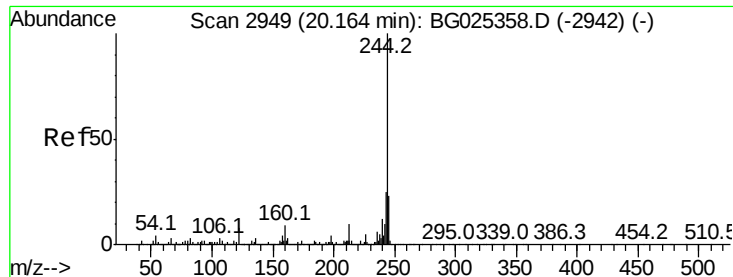
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 91.87 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025536.D

Acq: 20 Jan 2017 13:19

Instrument :

BNA_G

ClientSampleId :

PB96135BL

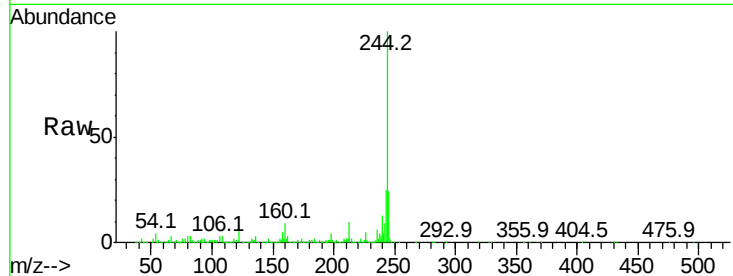
Tot Ion:244 Resp: 2232878

Ion Ratio Lower Upper

244 100

212 10.2 10.0 15.0

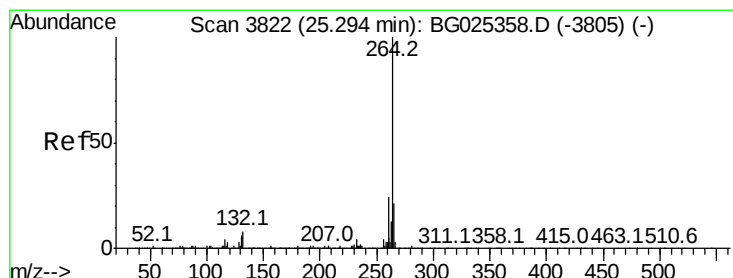
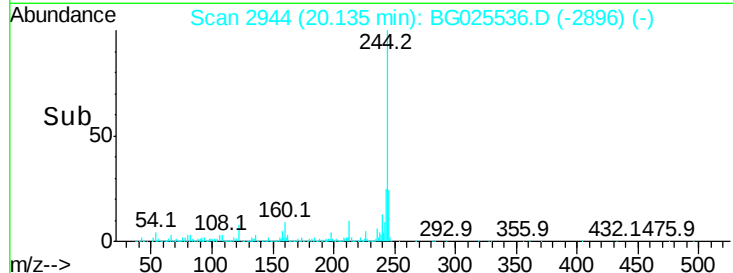
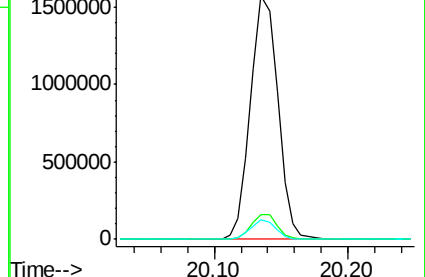
122 7.9 8.6 12.8#



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: 25.23 min Scan# 3811

Delta R.T. -0.04 min

Lab File: BG025536.D

Acq: 20 Jan 2017 13:19

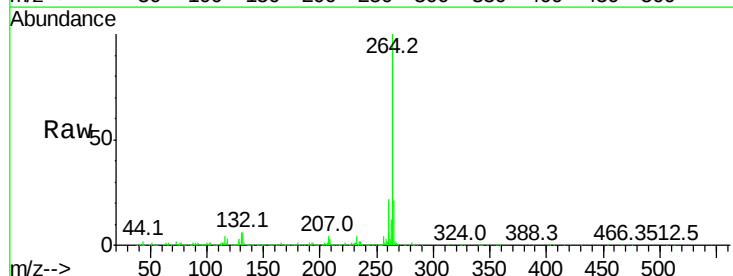
Tgt Ion:264 Resp: 695258

Ion Ratio Lower Upper

264 100

260 22.0 21.8 32.8

265 20.7 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

