

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026587.D
 Acq On : 7 Apr 2017 5:14
 Operator : SJ/MA
 Sample : I2569-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030

Quant Time: Apr 07 06:37:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

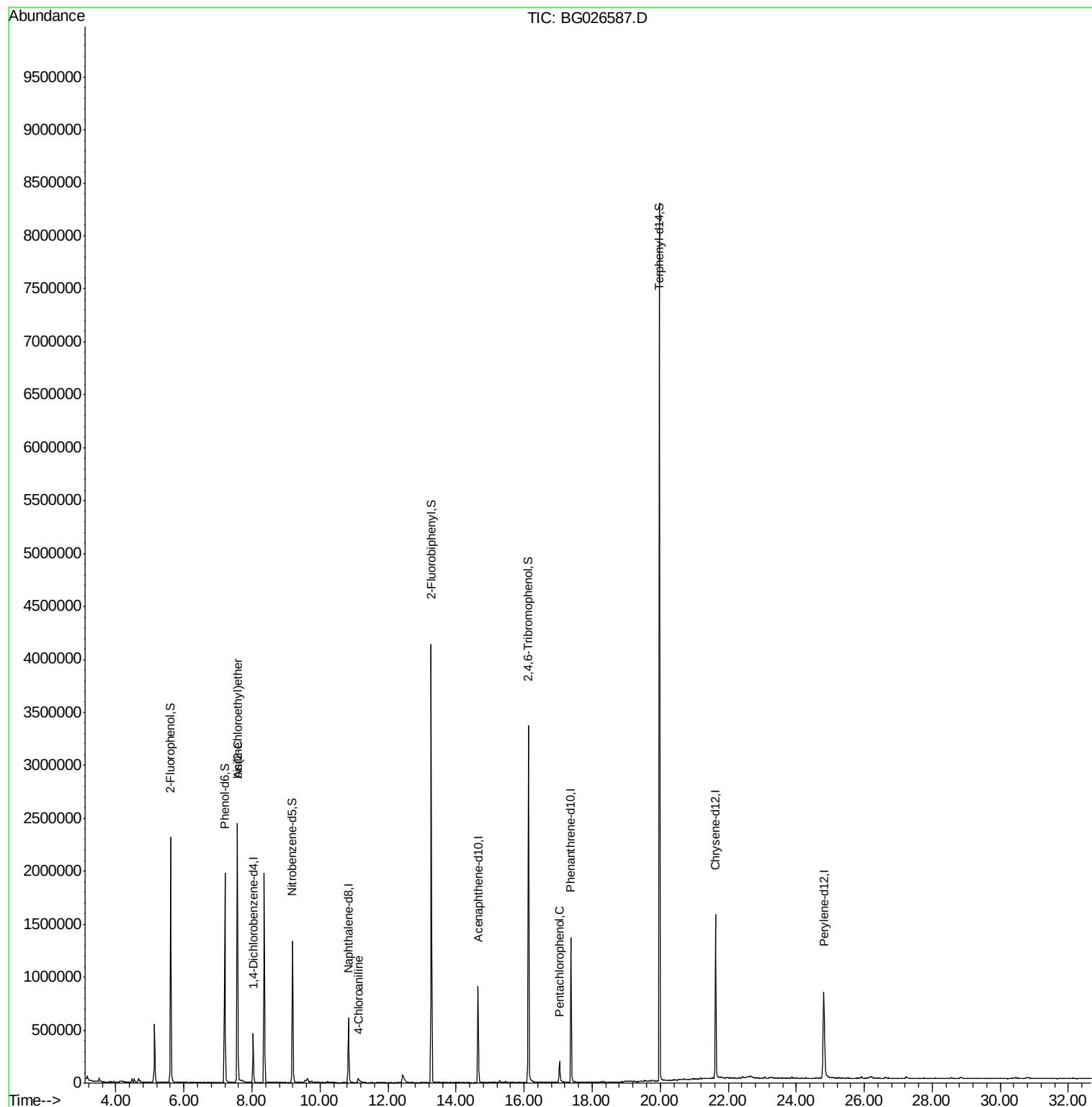
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	153086	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	602031	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	343489	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	879436	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1055721	20.00	ng	0.00
86) Perylene-d12	24.81	264	922913	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1220641	141.52	ng	0.00
7) Phenol-d6	7.20	99	1451288	125.33	ng	0.00
23) Nitrobenzene-d5	9.19	82	873239	87.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	715424	181.88	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2342159	95.62	ng	-0.01
78) Terphenyl-d14	19.98	244	3518727	80.94	ng	0.00
Target Compounds						
6) Aniline	7.57	93	32236	2.08	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	32236	3.18	ng	88
33) 4-Chloroaniline	11.13	127	53592	4.33	ng	# 70
69) Pentachlorophenol	17.04	266	52170	8.31	ng	99

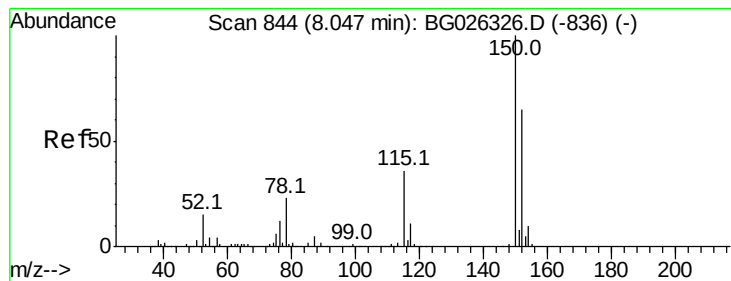
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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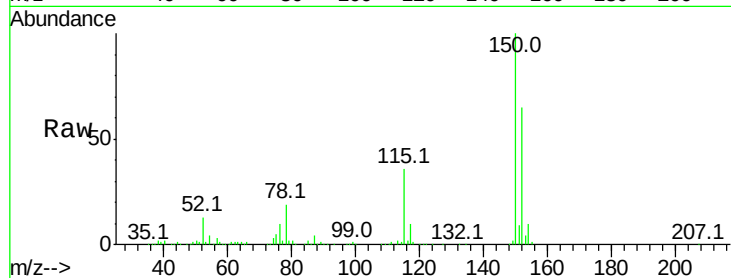


#1

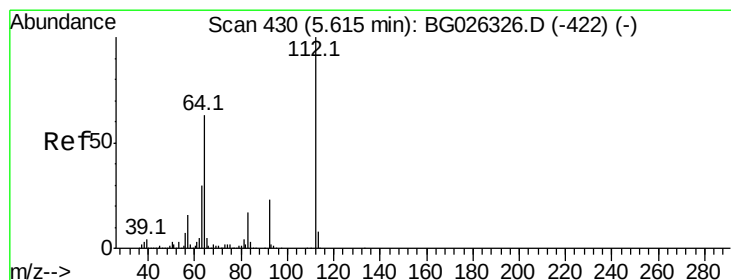
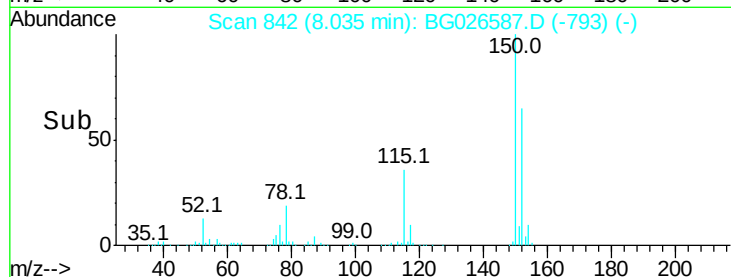
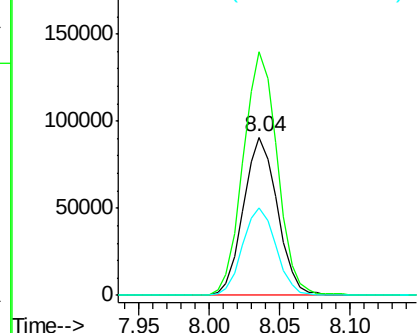
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG026587.D
Acq: 7 Apr 2017 5:14

Instrument :
BNA_G
ClientSampleId :
RT3456-275030

Tot Ion:152 Resp: 153086
Ion Ratio Lower Upper
152 100
150 154.0 114.0 171.0
115 55.0 48.1 72.1



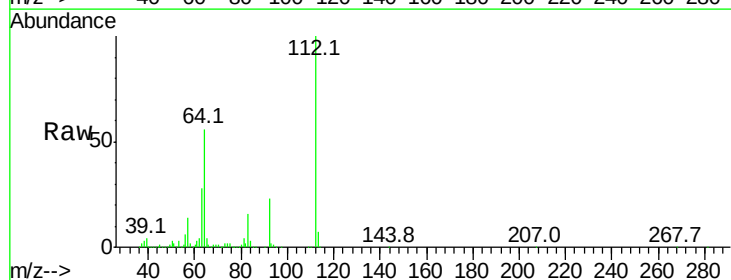
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



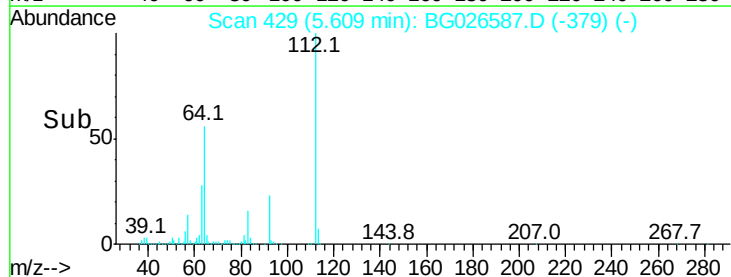
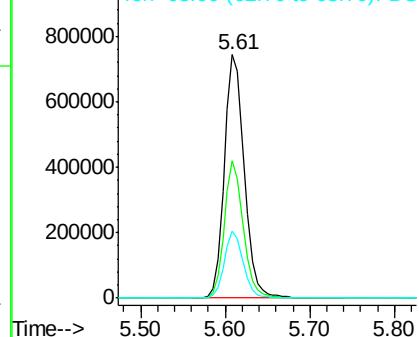
#5

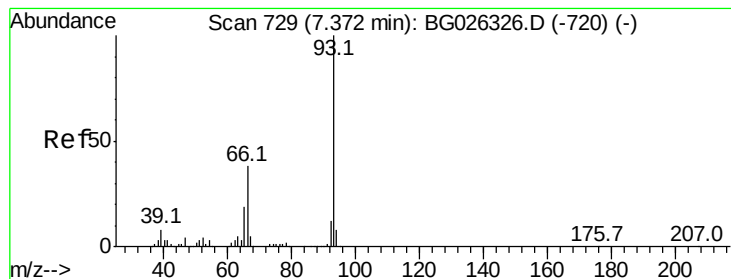
2-Fluorophenol
Concen: 141.52 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG026587.D
Acq: 7 Apr 2017 5:14

Tgt Ion:112 Resp: 1220641
Ion Ratio Lower Upper
112 100
64 56.4 61.8 92.6#
63 27.6 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





#6

Aniline

Concen: 2.08 ng

RT: 7.57 min Scan# 762

Delta R.T. 0.19 min

Lab File: BG026587.D

Acq: 7 Apr 2017 5:14

Instrument :

BNA_G

ClientSampleId :

RT3456-275030

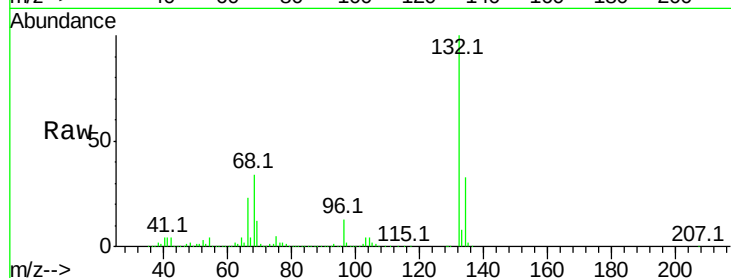
Tot Ion: 93 Resp: 32236

Ion Ratio Lower Upper

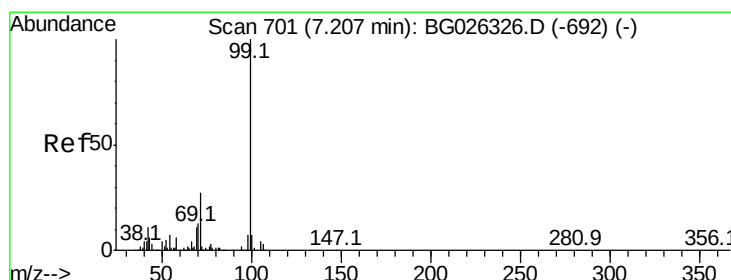
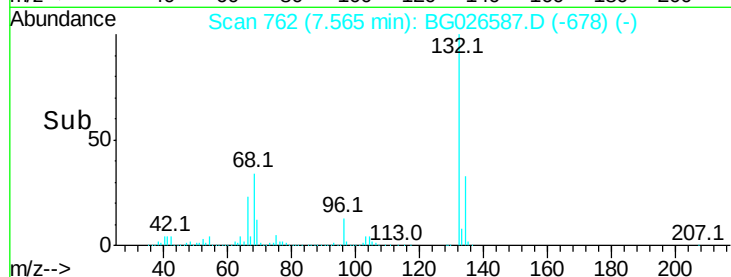
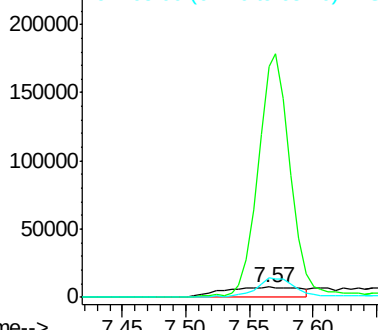
93 100

66 2270.9 35.4 53.2#

65 189.6 21.2 31.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 125.33 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026587.D

Acq: 7 Apr 2017 5:14

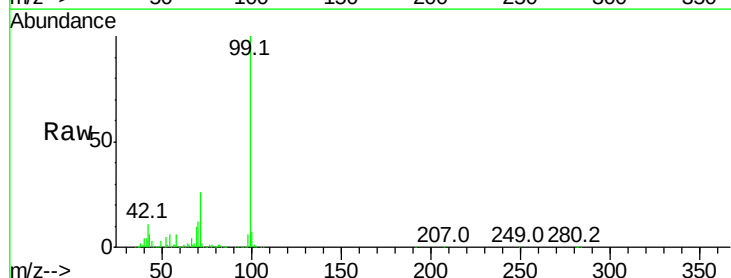
Tgt Ion: 99 Resp: 1451288

Ion Ratio Lower Upper

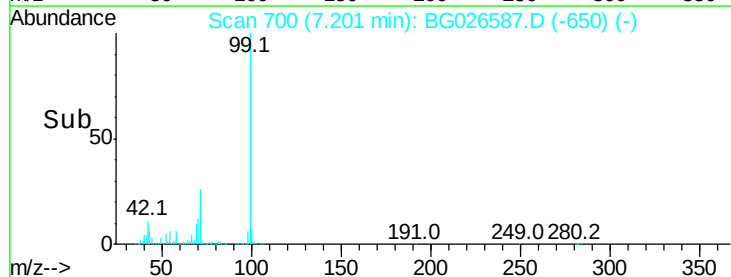
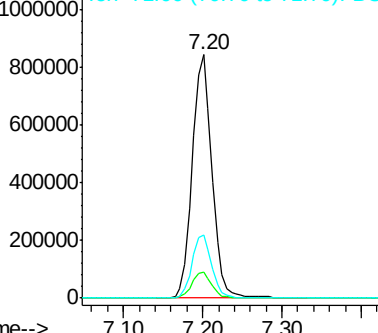
99 100

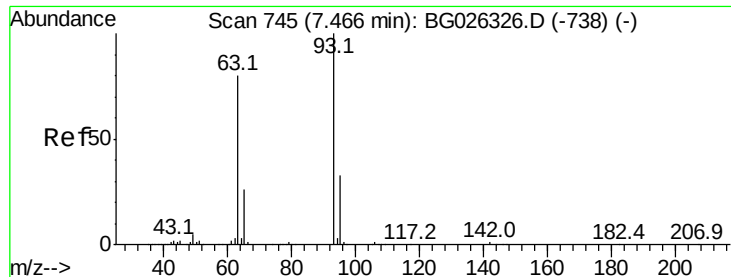
42 10.6 20.5 30.7#

71 25.9 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





#11

bis(2-Chloroethyl)ether

Concen: 3.18 ng

RT: 7.57 min Scan# 762

Delta R.T. 0.10 min

Lab File: BG026587.D

Acq: 7 Apr 2017 5:14

Instrument :

BNA_G

ClientSampleId :

RT3456-275030

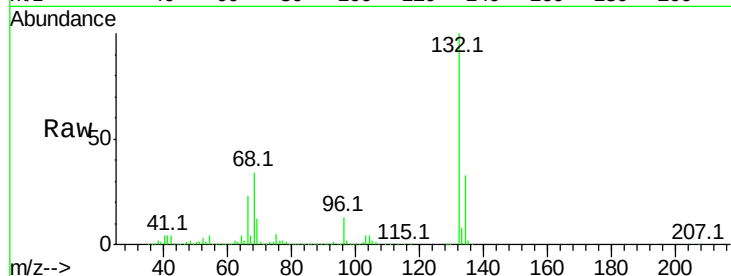
Tot Ion: 93 Resp: 32236

Ion Ratio Lower Upper

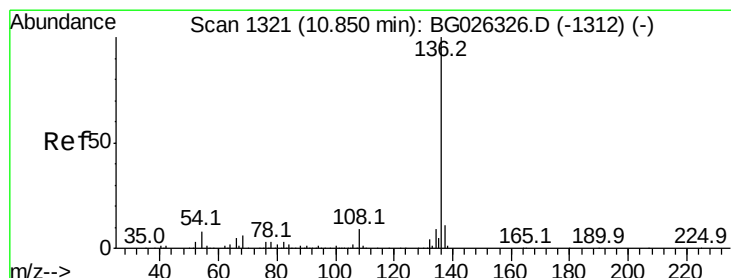
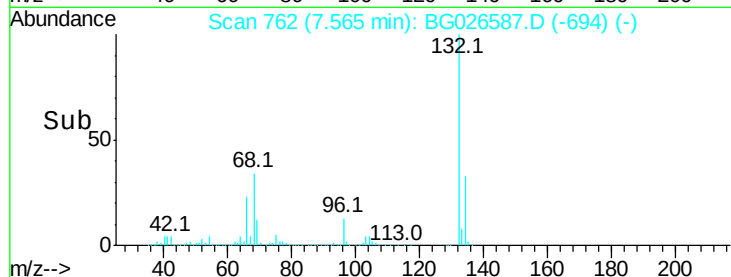
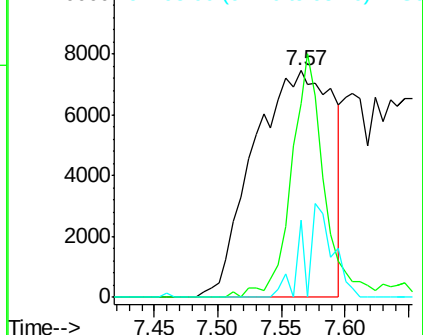
93 100

63 85.2 78.5 118.5

95 33.8 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026587.D

Acq: 7 Apr 2017 5:14

Tgt Ion: 136 Resp: 602031

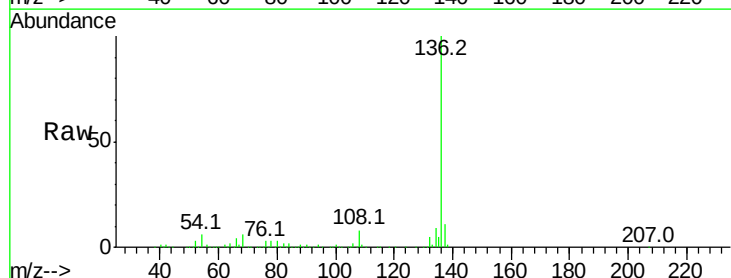
Ion Ratio Lower Upper

136 100

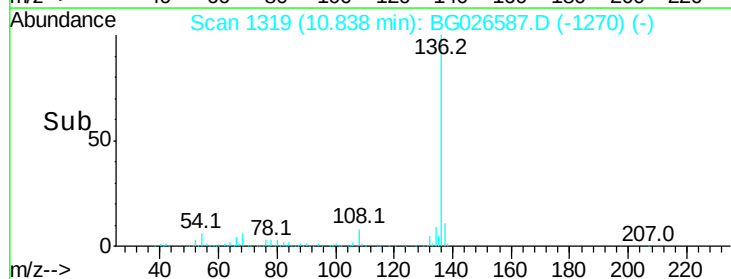
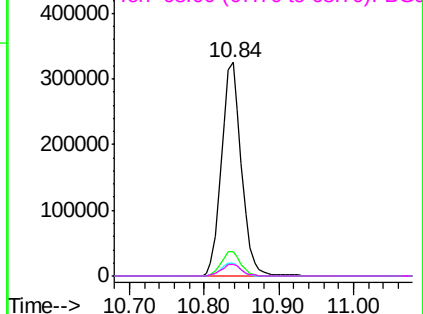
137 11.1 8.9 13.3

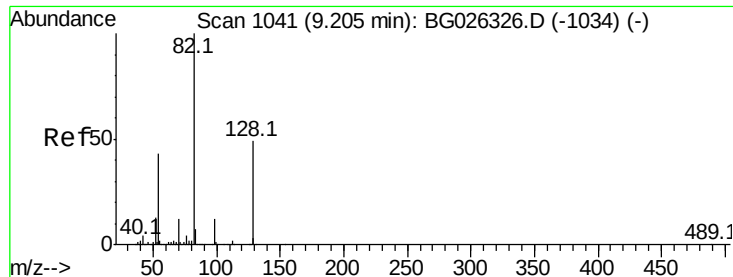
54 5.8 9.3 13.9#

68 5.7 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

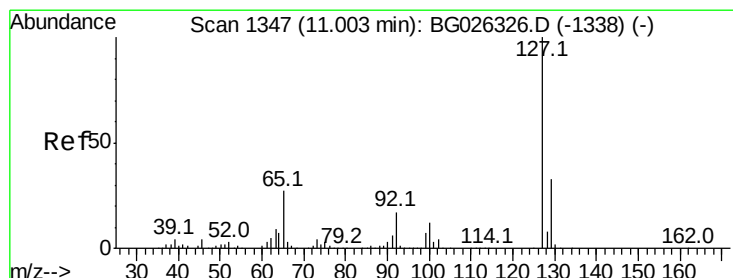
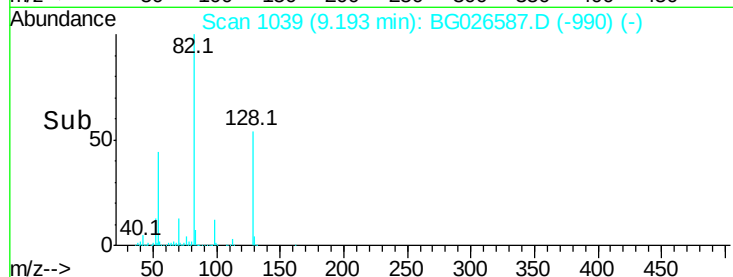
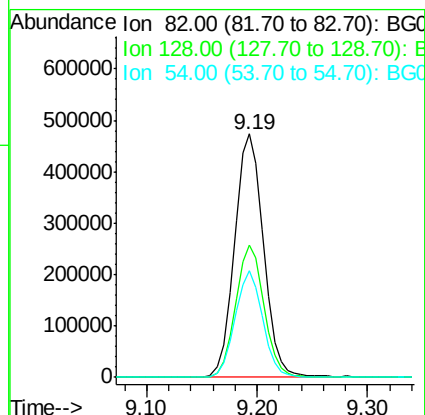
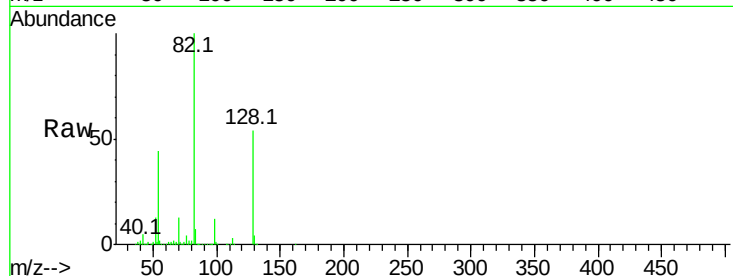




#23
Nitrobenzene-d5
Concen: 87.22 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG026587.D
Acq: 7 Apr 2017 5:14

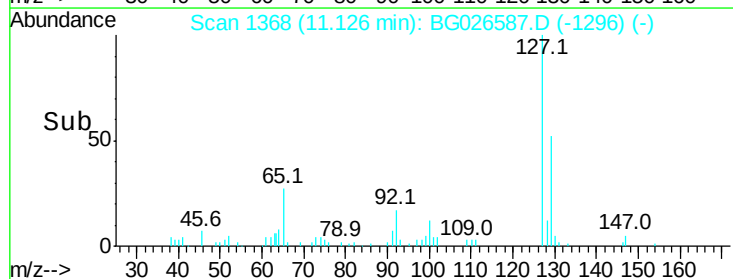
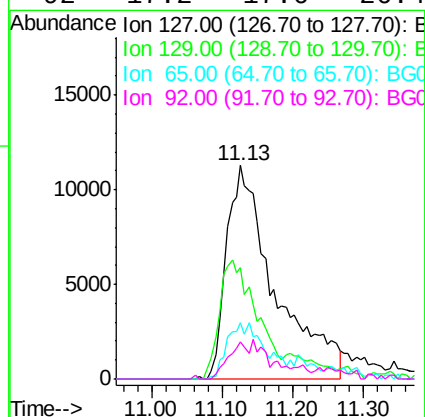
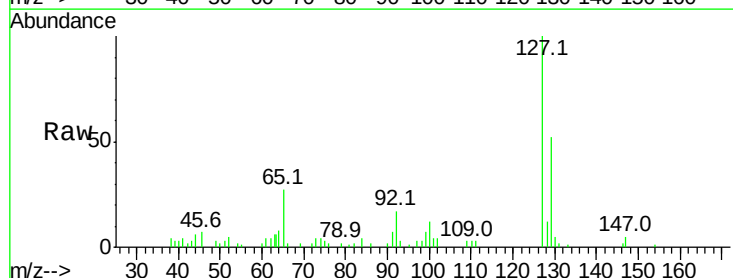
Instrument :
BNA_G
ClientSampleId :
RT3456-275030

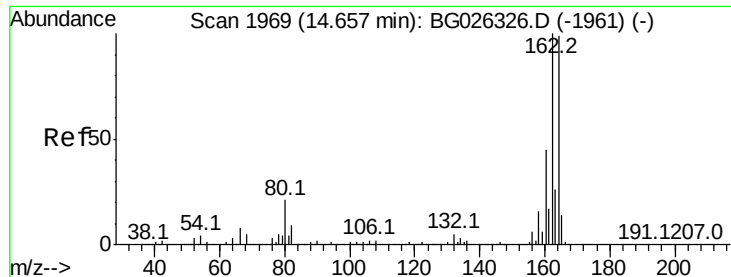
Tot Ion: 82 Resp: 873239
Ion Ratio Lower Upper
82 100
128 54.4 26.4 39.6#
54 44.0 49.4 74.2#



#33
4-Chloroaniline
Concen: 4.33 ng
RT: 11.13 min Scan# 1368
Delta R.T. 0.12 min
Lab File: BG026587.D
Acq: 7 Apr 2017 5:14

Tgt Ion:127 Resp: 53592
Ion Ratio Lower Upper
127 100
129 52.2 23.6 35.4#
65 26.6 37.7 56.5#
92 17.2 17.6 26.4#

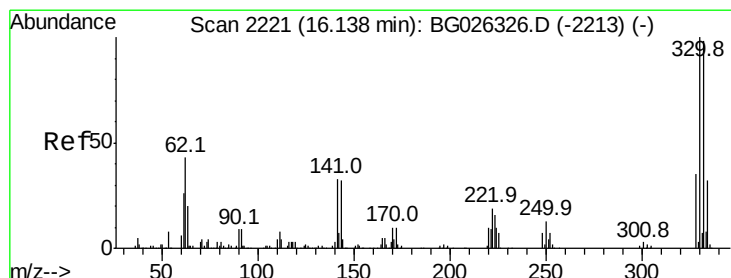
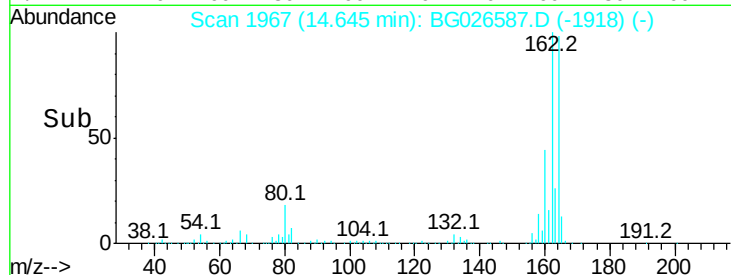
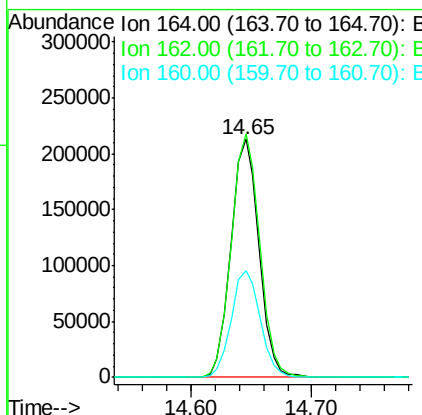
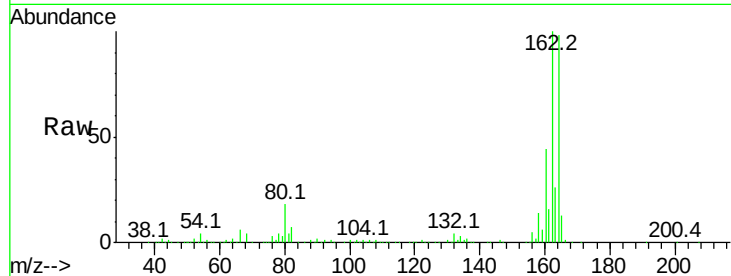




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026587.D
Acq: 7 Apr 2017 5:14

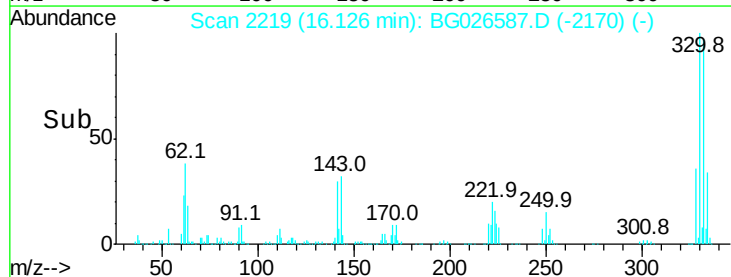
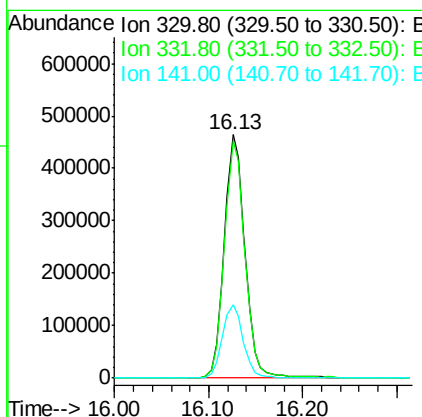
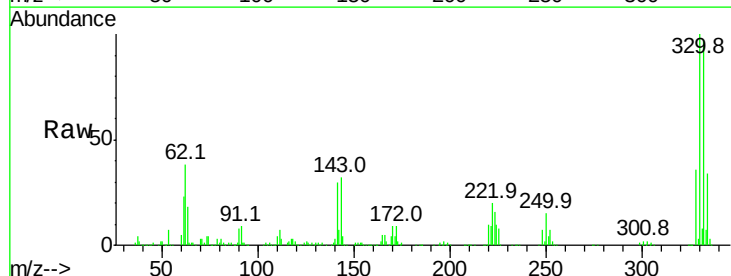
Instrument :
BNA_G
ClientSampleId :
RT3456-275030

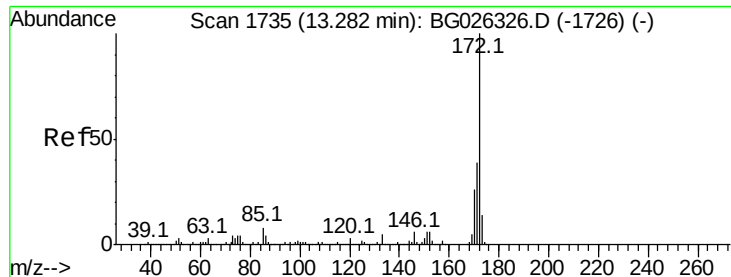
Tot Ion:164 Resp: 343489
Ion Ratio Lower Upper
164 100
162 102.3 85.1 127.7
160 45.1 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 181.88 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026587.D
Acq: 7 Apr 2017 5:14

Tgt Ion:330 Resp: 715424
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.4 32.1 48.1#



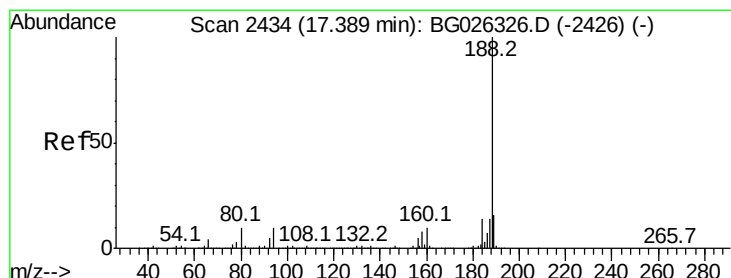
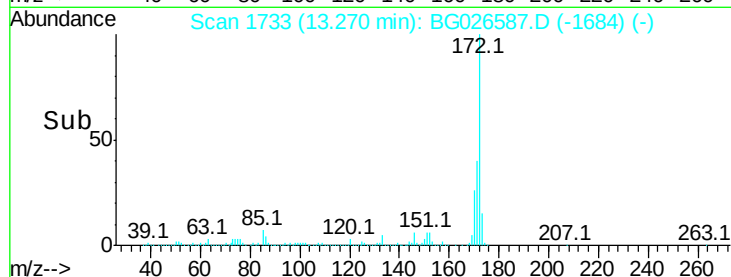
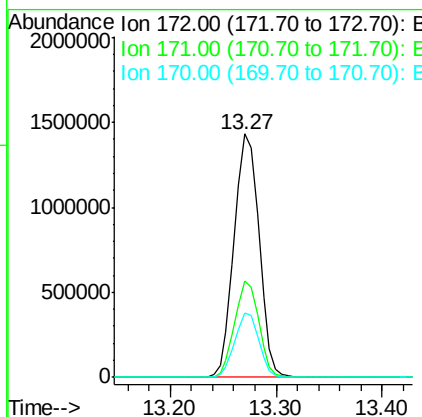
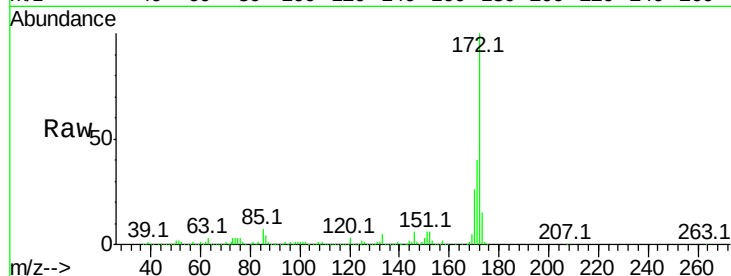


#44
 2-Fluorobiphenyl
 Concen: 95.62 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026587.D
 Acq: 7 Apr 2017 5:14

Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030

Tot Ion:172 Resp: 2342159

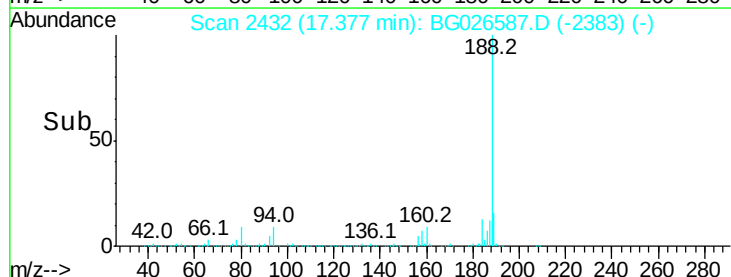
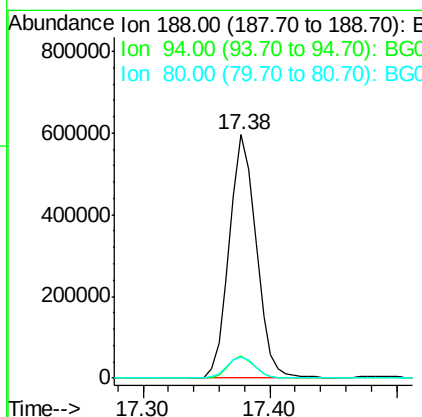
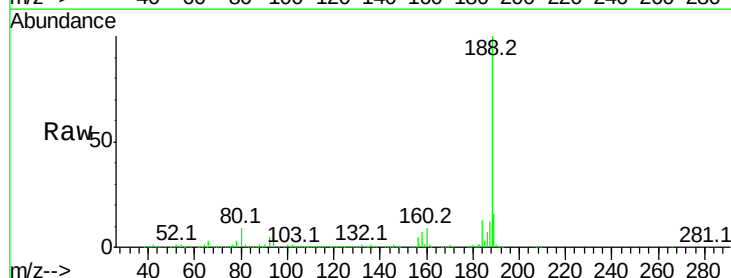
Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.2	48.2
170	26.2	21.8	32.6

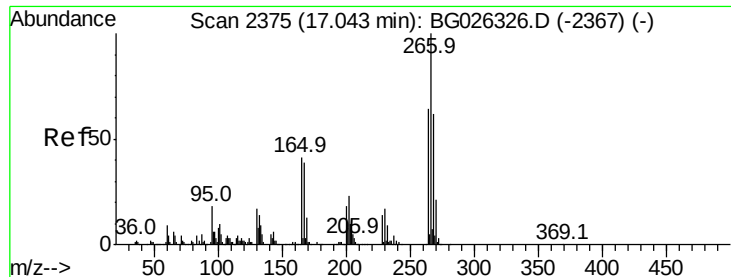


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG026587.D
 Acq: 7 Apr 2017 5:14

Tgt Ion:188 Resp: 879436

Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.8	8.8#
80	8.6	7.5	11.3

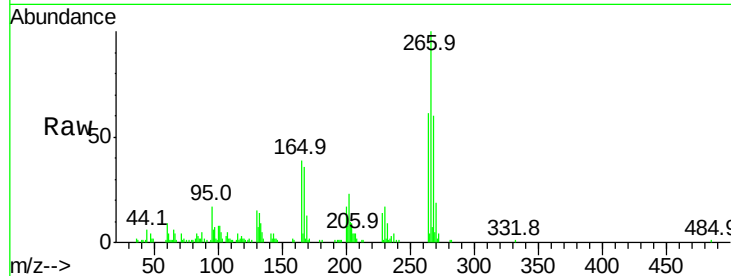




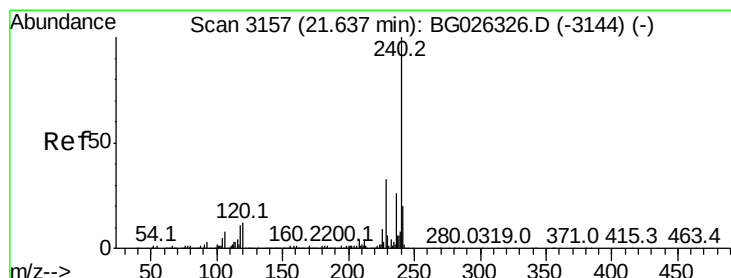
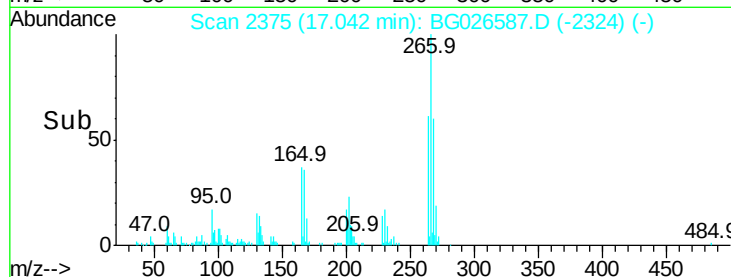
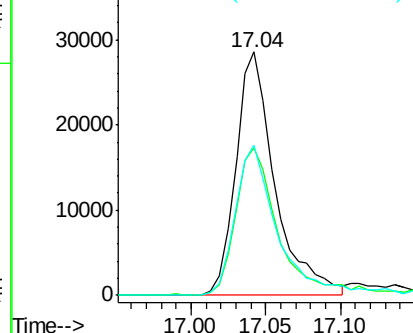
#69
 Pentachlorophenol
 Concen: 8.31 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026587.D
 Acq: 7 Apr 2017 5:14

Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030

Tot Ion:266 Resp: 52170
 Ion Ratio Lower Upper
 266 100
 268 60.4 48.6 72.8
 264 61.4 50.1 75.1

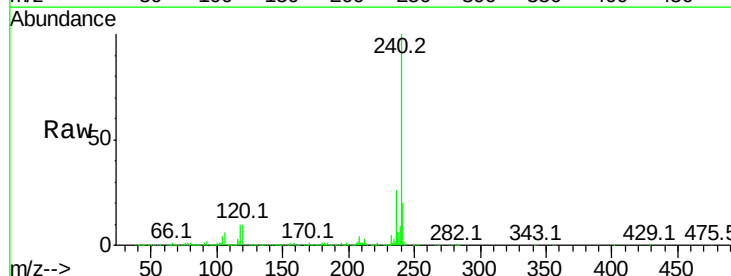


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

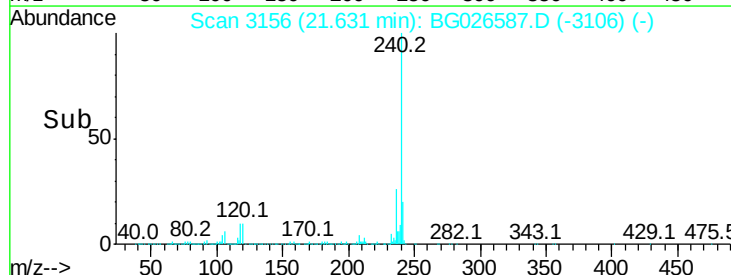
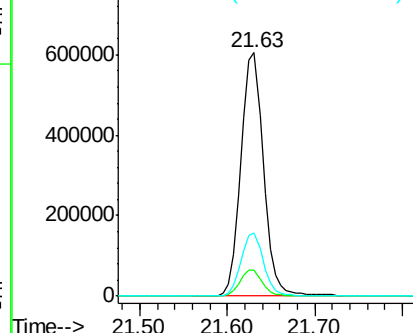


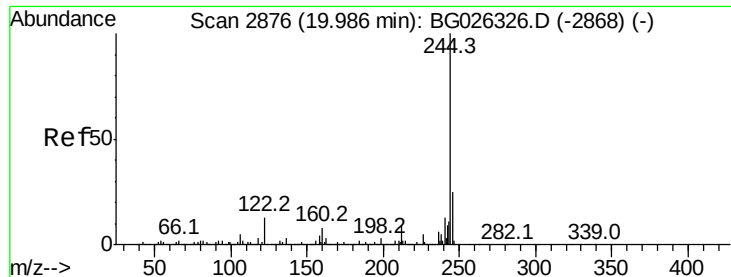
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG026587.D
 Acq: 7 Apr 2017 5:14

Tgt Ion:240 Resp: 1055721
 Ion Ratio Lower Upper
 240 100
 120 10.4 5.7 8.5#
 236 26.0 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

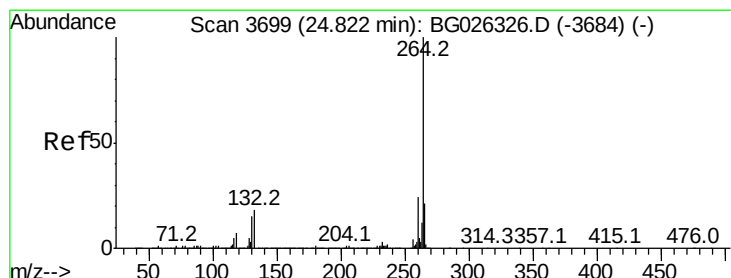
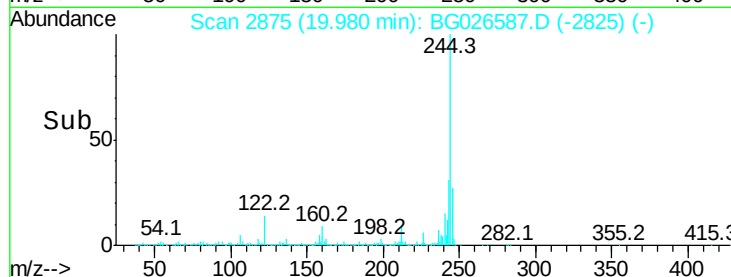
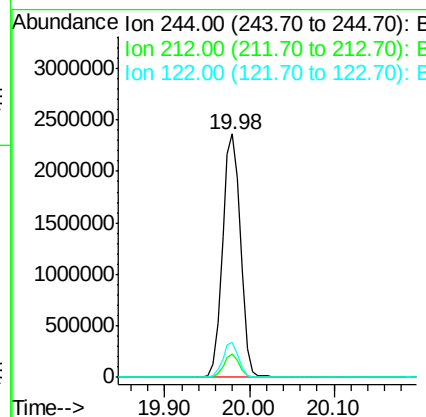
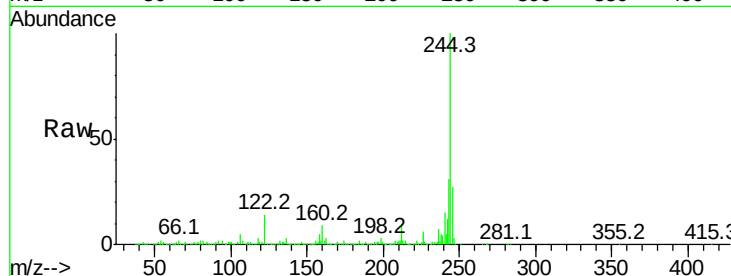




#78
 Terphenyl-d14
 Concen: 80.94 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG026587.D
 Acq: 7 Apr 2017 5:14

Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030

Tot Ion:244 Resp: 3518727
 Ion Ratio Lower Upper
 244 100
 212 9.6 10.0 15.0#
 122 14.2 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.01 min
 Lab File: BG026587.D
 Acq: 7 Apr 2017 5:14

Tgt Ion:264 Resp: 922913
 Ion Ratio Lower Upper
 264 100
 260 23.6 21.8 32.8
 265 21.4 18.2 27.4

