

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033963.D
 Acq On : 24 Apr 2018 20:42
 Operator : SJ/JU
 Sample : J2512-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:02:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

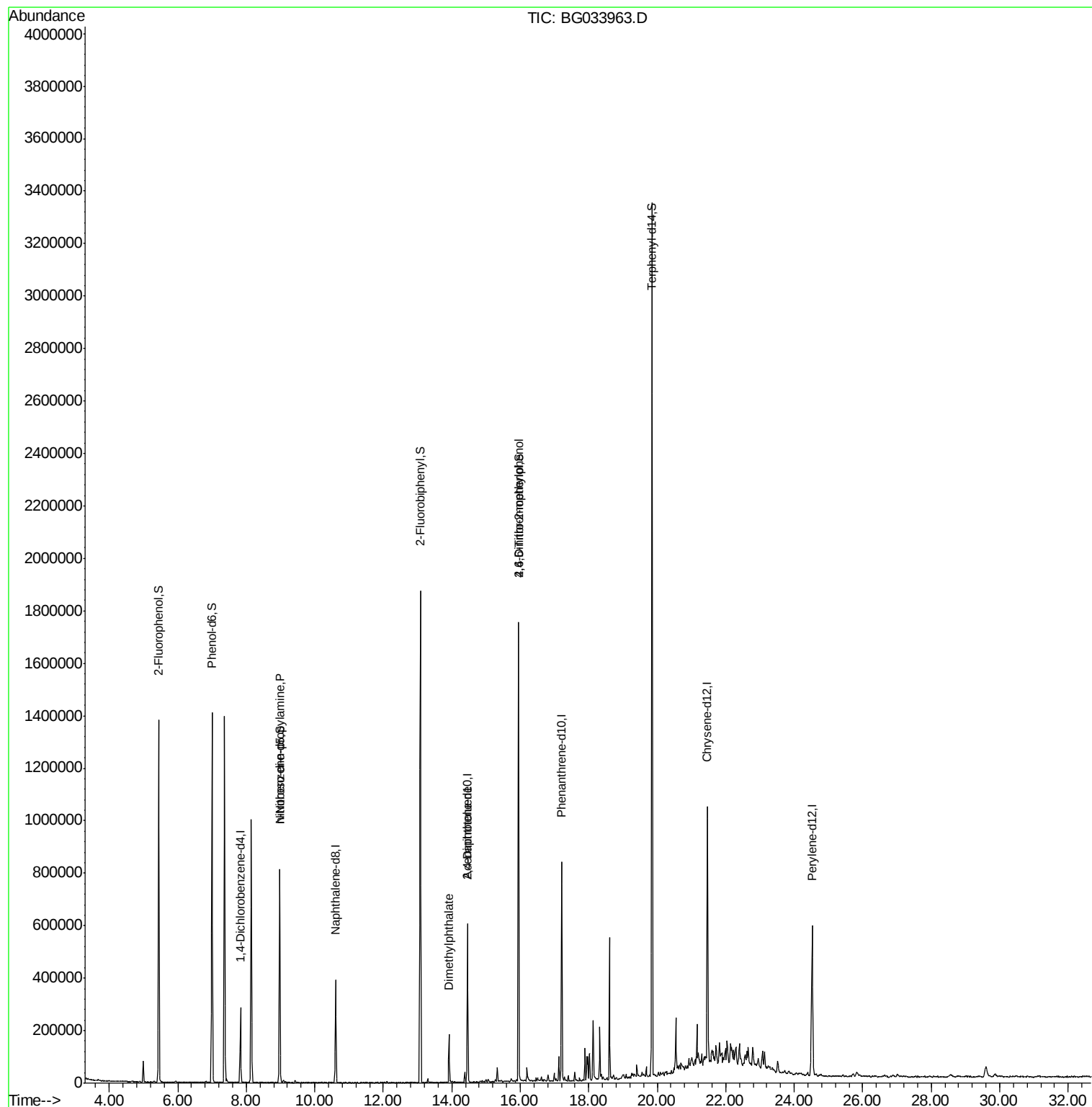
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	79887	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	331064	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	208401	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	514246	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	563073	20.00	ng	-0.03
86) Perylene-d12	24.52	264	581550	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	606572	121.22	ng	0.00
7) Phenol-d6	7.00	99	786028	107.70	ng	0.00
23) Nitrobenzene-d5	8.98	82	481383	82.75	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	320623	131.87	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	999263	70.44	ng	-0.02
78) Terphenyl-d14	19.85	244	1525153	60.85	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	1737	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	8.98	70	67450	10.842 ng	#	5
49) Dimethylphthalate	13.92	163	121839	6.646 ng	#	79
56) 2,4-Dinitrotoluene	14.46	165	27724	6.001 ng	#	98
64) 4,6-Dinitro-2-methylphenol	15.94	198	1383	6.972 ng	#	19
						82

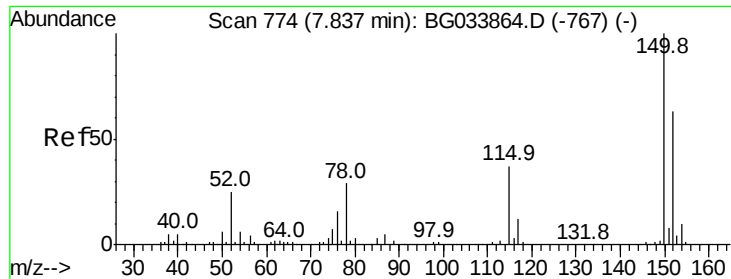
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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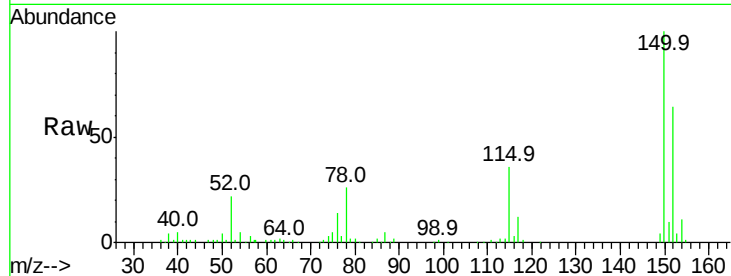


#1

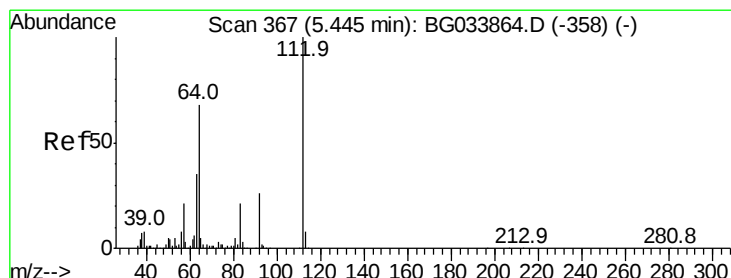
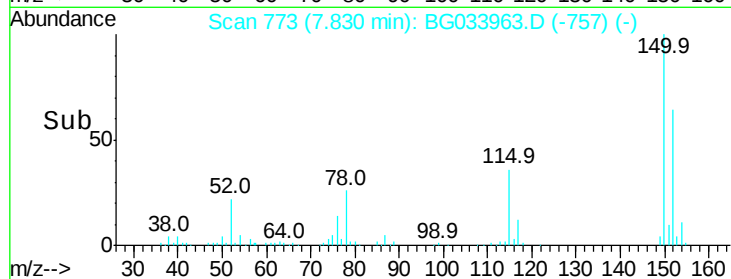
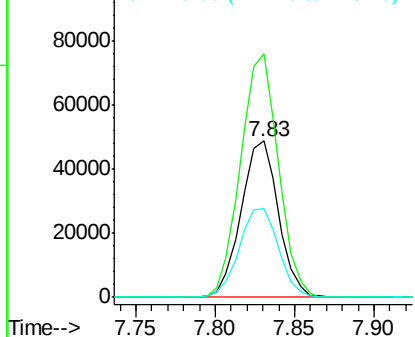
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033963.D
Acq: 24 Apr 2018 20:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	56.7	53.0	79.4



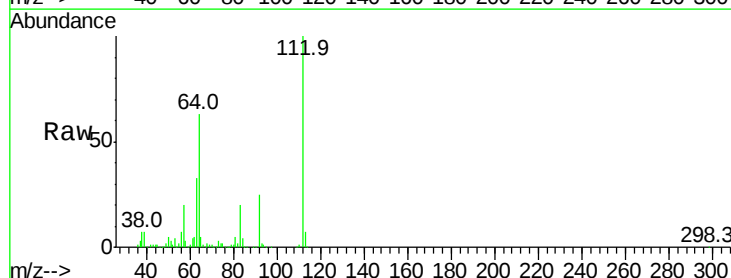
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



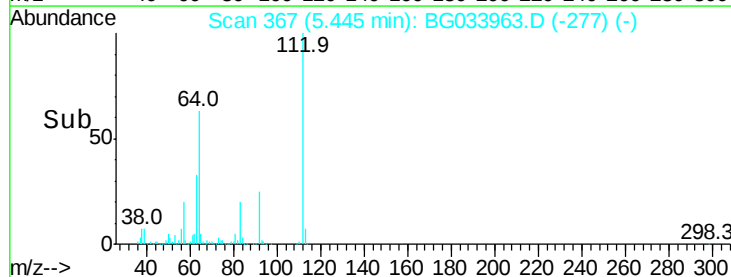
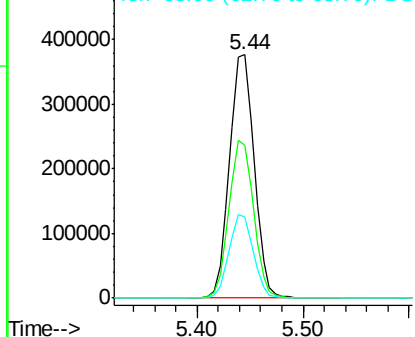
#5

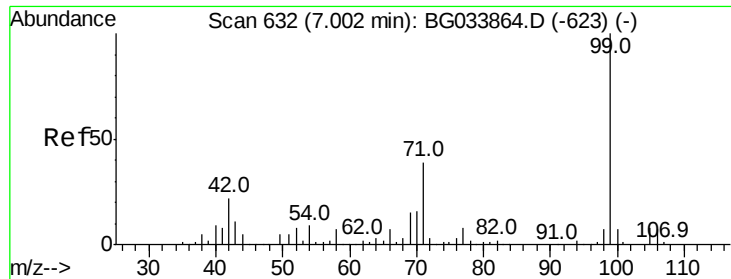
2-Fluorophenol
Concen: 121.223 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033963.D
Acq: 24 Apr 2018 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.3	84.5
63	33.2	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 107.700 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Instrument :

BNA_G

ClientSampleId :

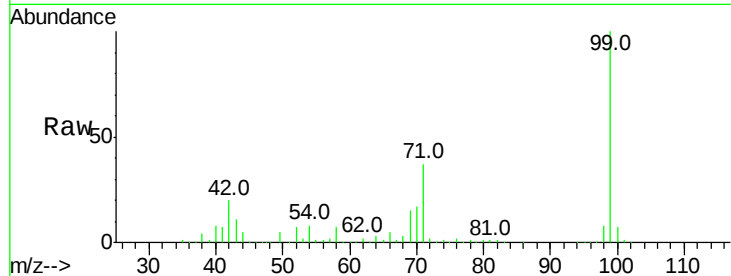
Tot Ion: 99 Resp: 786028

Ion Ratio Lower Upper

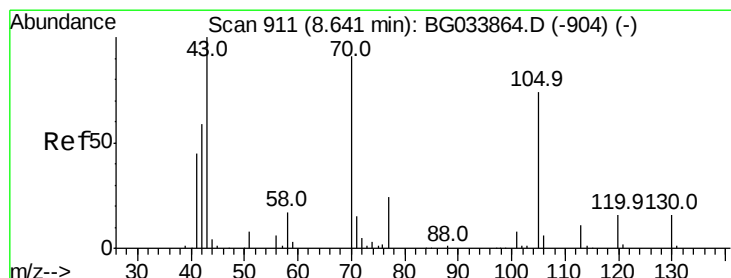
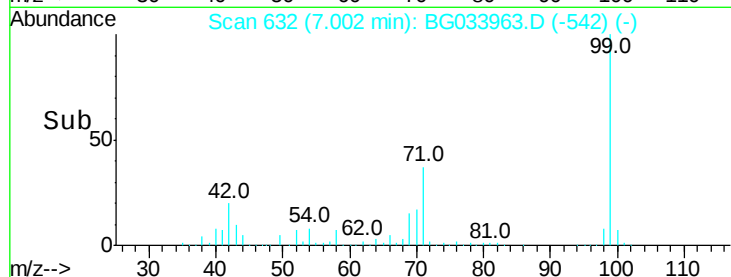
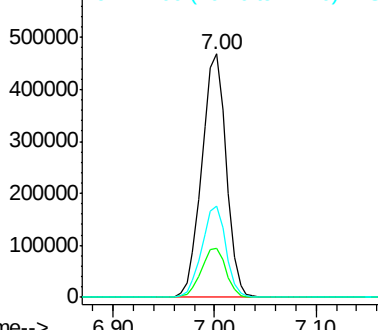
99 100

42 20.2 14.1 21.1

71 37.3 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.842 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Tgt Ion: 70 Resp: 67450

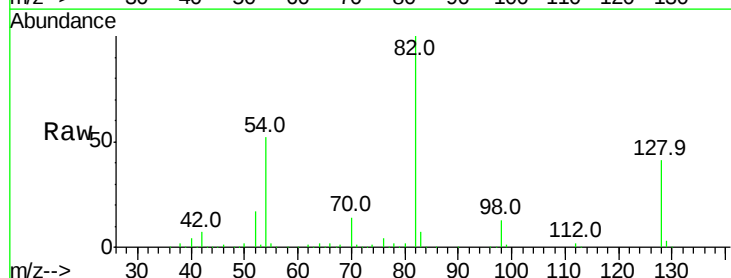
Ion Ratio Lower Upper

70 100

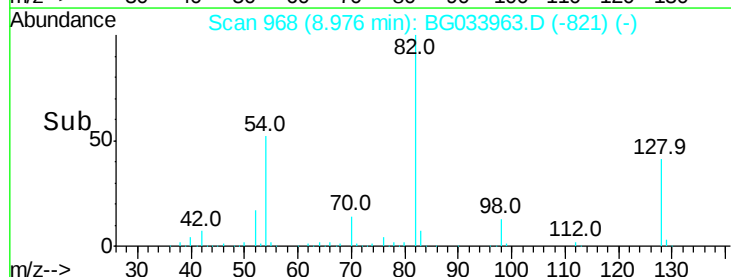
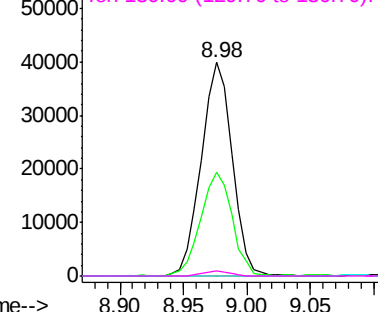
42 48.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

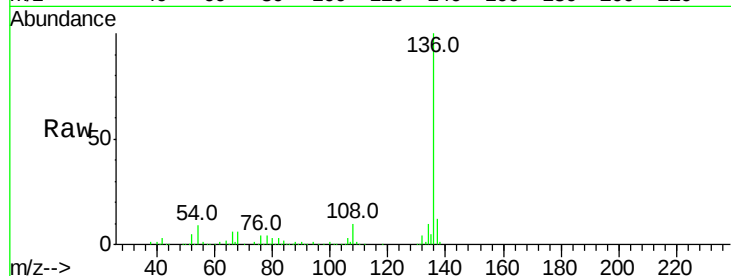




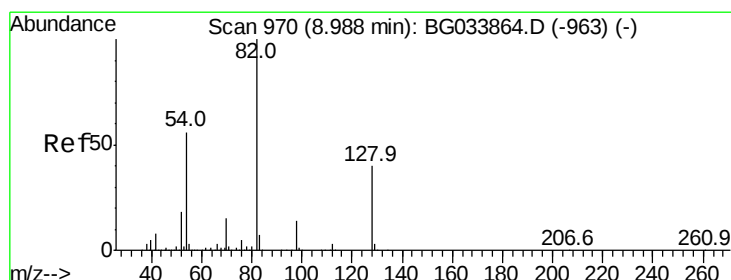
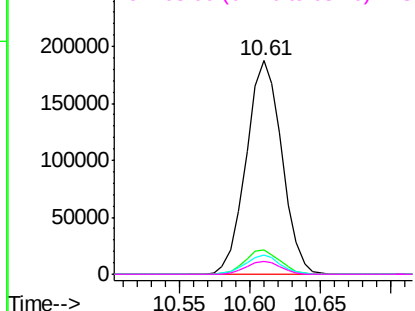
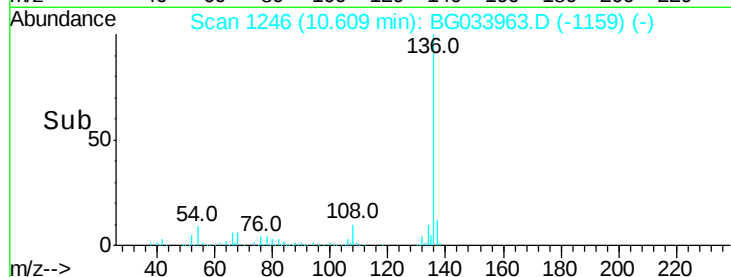
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033963.D
Acq: 24 Apr 2018 20:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	331064
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	8.8	10.3 15.5#
68	6.0	4.5 6.7

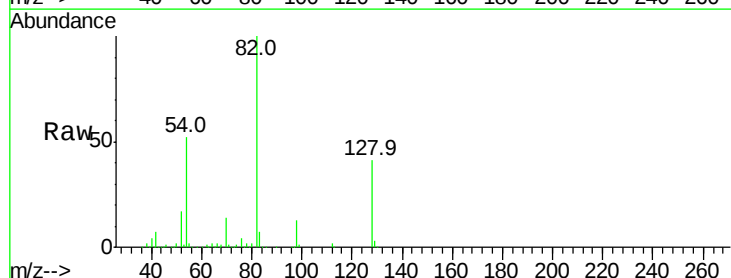


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

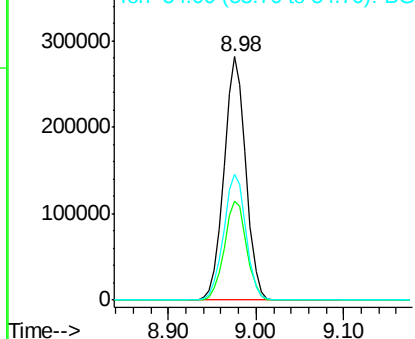
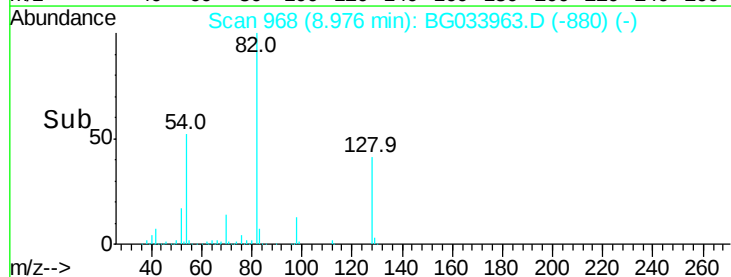


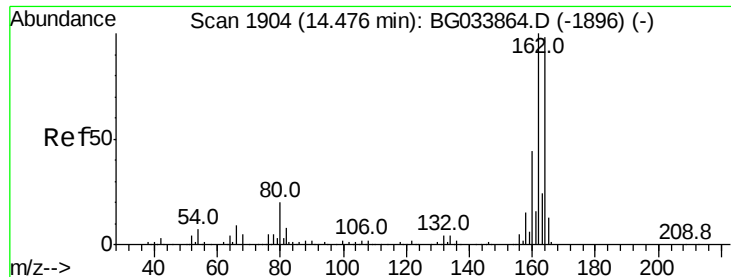
#23
Nitrobenzene-d5
Concen: 82.749 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033963.D
Acq: 24 Apr 2018 20:42

Tgt Ion: 82	Resp:	481383
Ion Ratio	Lower	Upper
82	100	
128	40.6	29.7 44.5
54	51.7	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Instrument :

BNA_G

ClientSampleId :

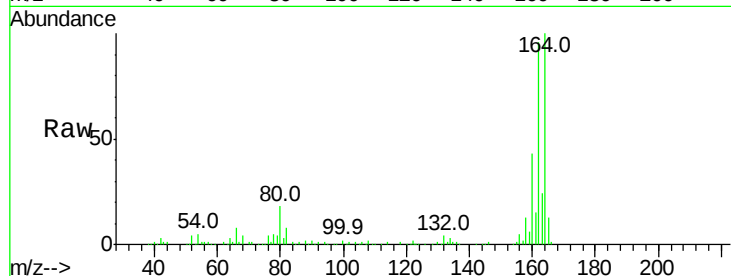
Tot Ion:164 Resp: 208401

Ion Ratio Lower Upper

164 100

162 95.9 78.8 118.2

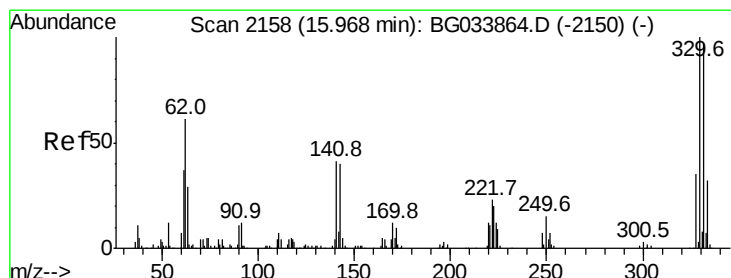
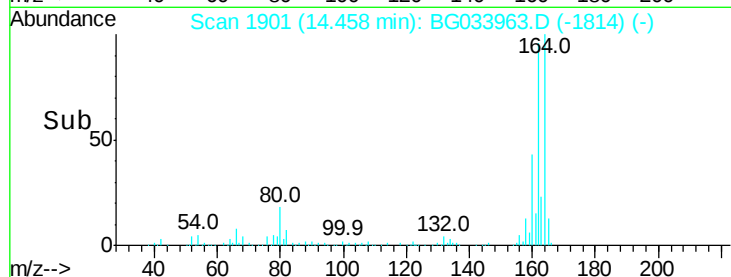
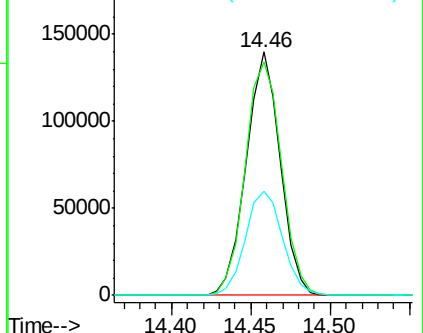
160 43.0 35.4 53.0



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: 131.871 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

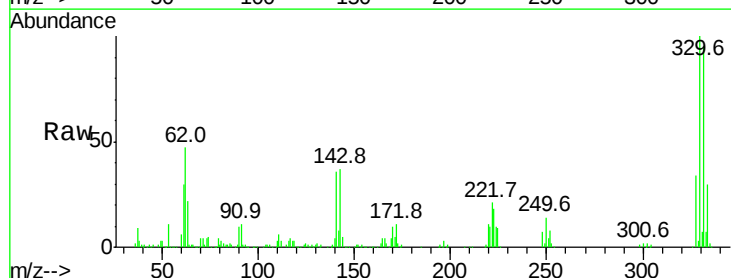
Tgt Ion:330 Resp: 320623

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

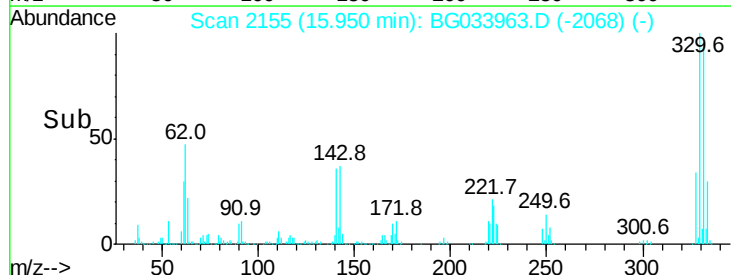
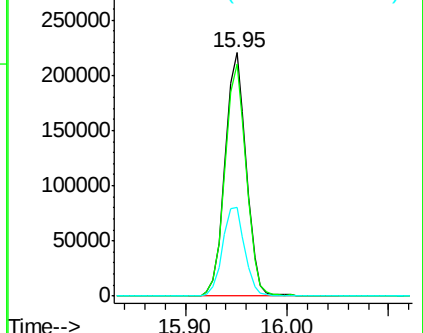
141 38.1 25.2 37.8#

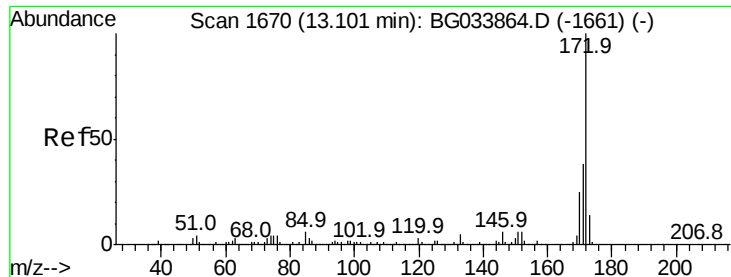


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

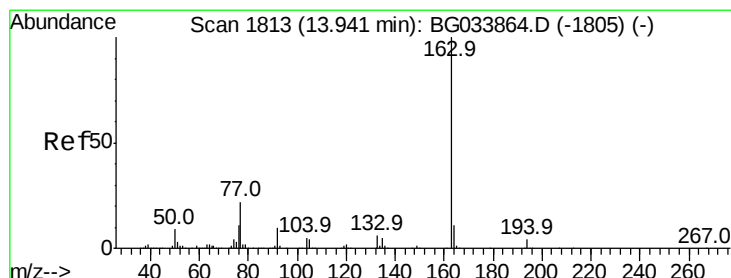
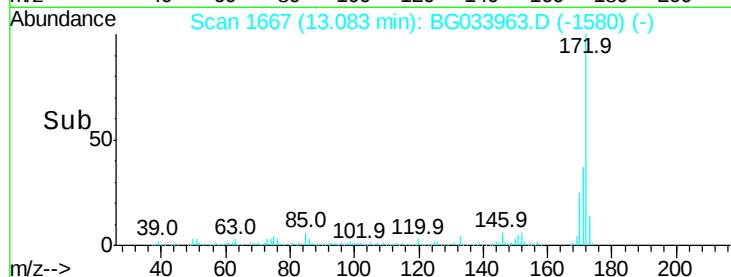
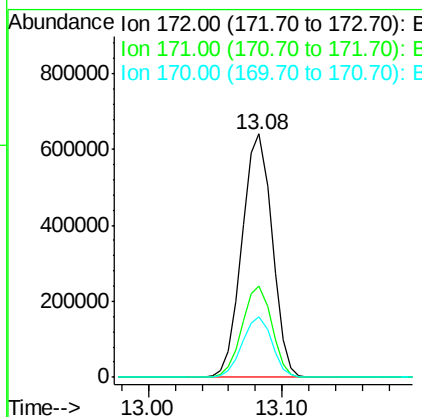
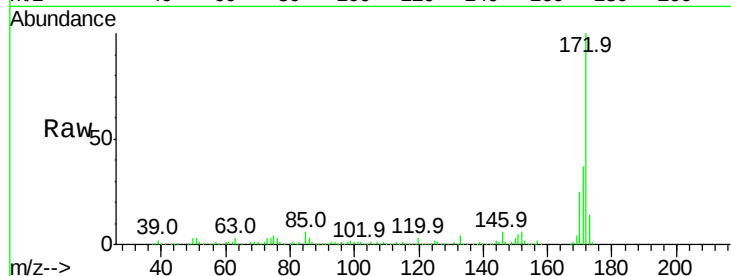




#44
2-Fluorobiphenyl
Concen: 70.438 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033963.D
Acq: 24 Apr 2018 20:42

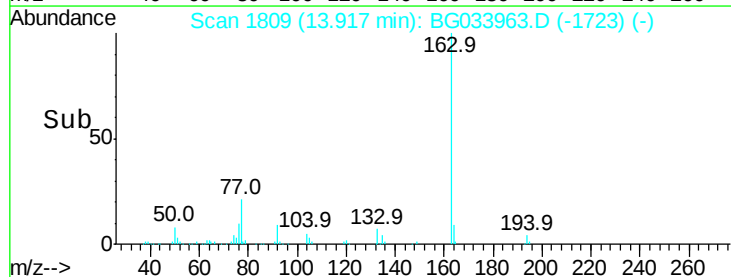
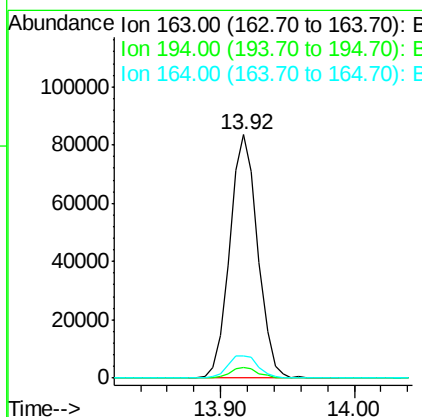
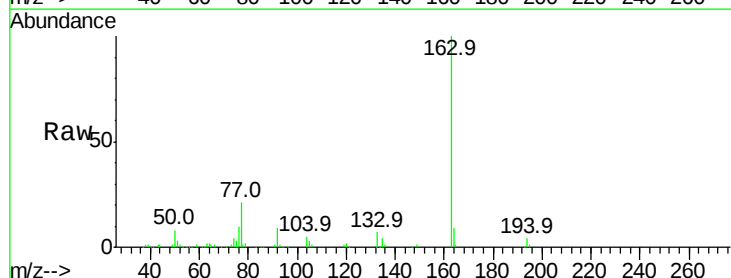
Instrument :
BNA_G
ClientSampleId :

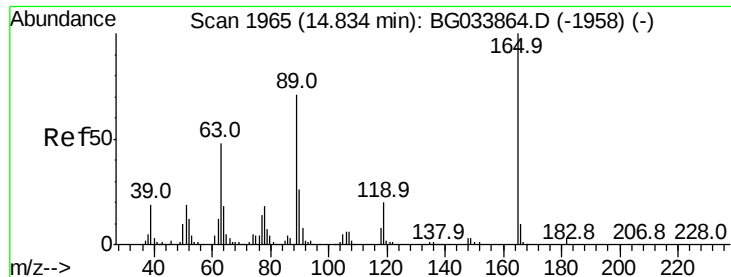
Tot Ion:172 Resp: 999263
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.9 19.5 29.3



#49
Dimethylphthalate
Concen: 6.646 ng
RT: 13.92 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG033963.D
Acq: 24 Apr 2018 20:42

Tgt Ion:163 Resp: 121839
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.4 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.001 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.38 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 27724

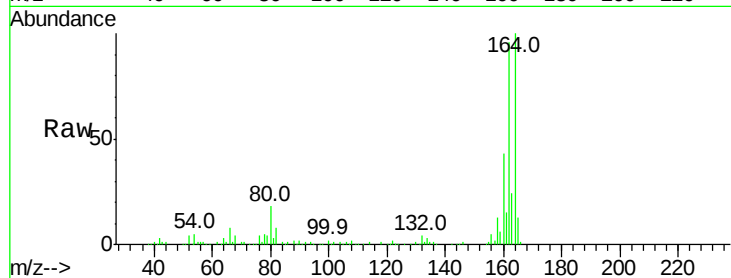
Ion Ratio Lower Upper

165 100

63 1.9 42.0 63.0#

89 1.9 66.9 100.3#

182 0.0 2.6 3.8#

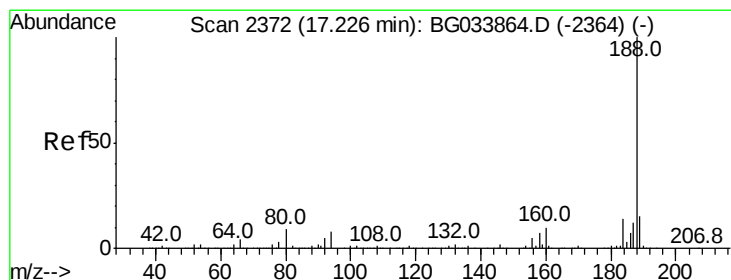
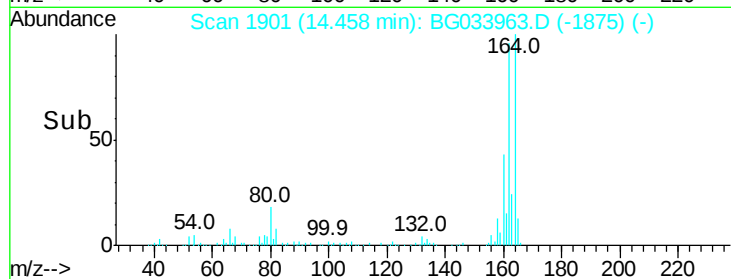
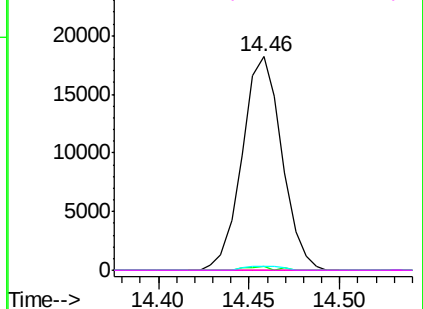


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

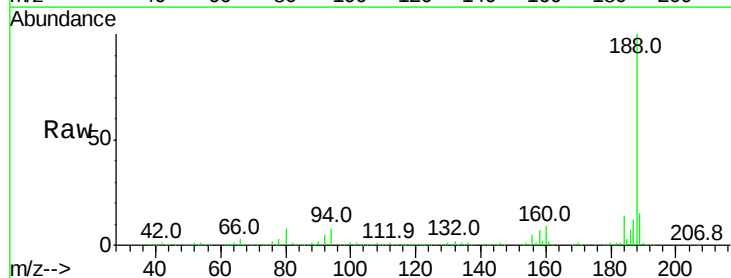
Tgt Ion:188 Resp: 514246

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

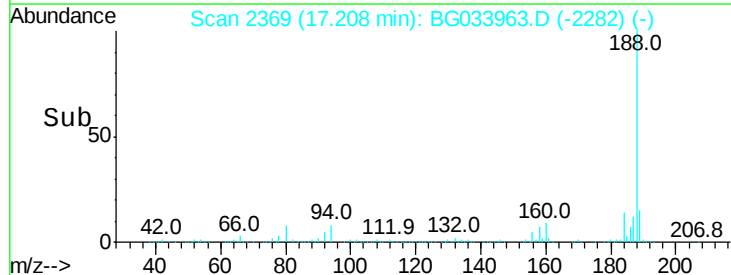
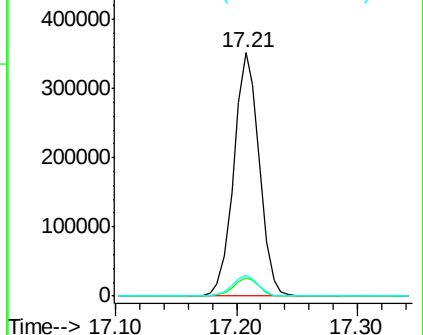
80 8.5 7.7 11.5

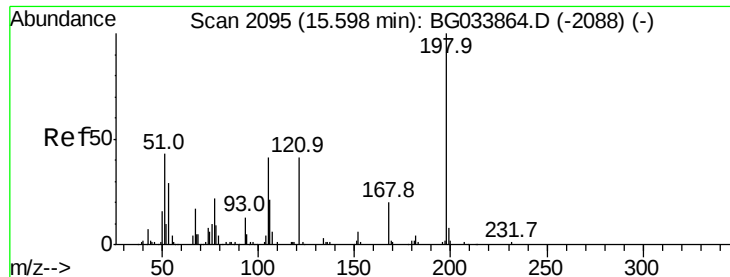


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

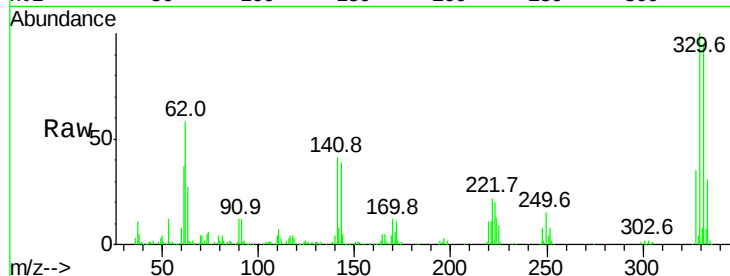




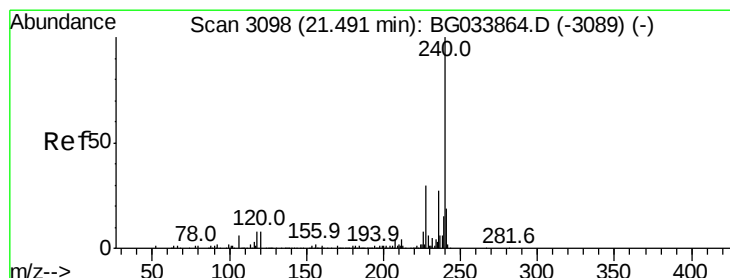
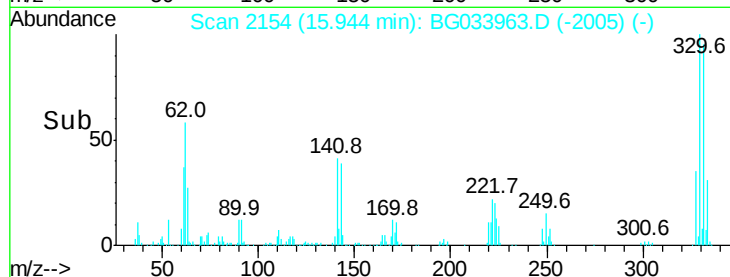
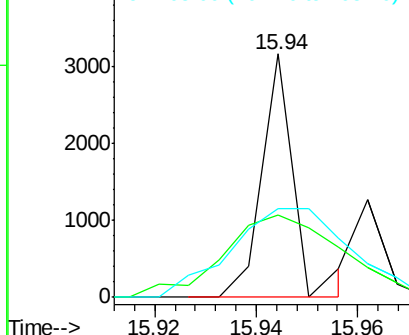
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.972 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. 0.35 min
 Lab File: BG033963.D
 Acq: 24 Apr 2018 20:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 1383
 Ion Ratio Lower Upper
 198 100
 51 33.9 30.6 70.6
 105 36.3 23.8 63.8

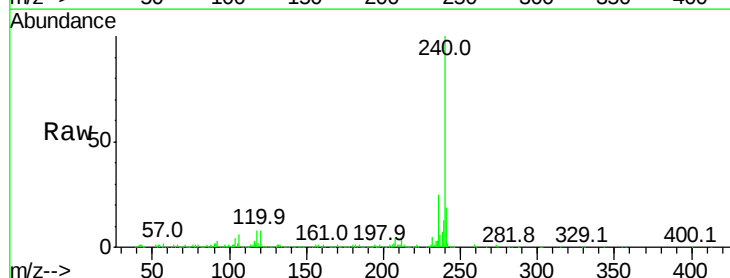


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

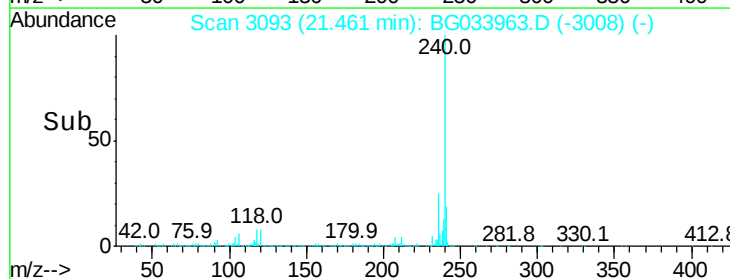
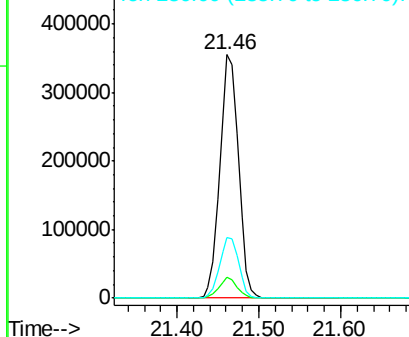


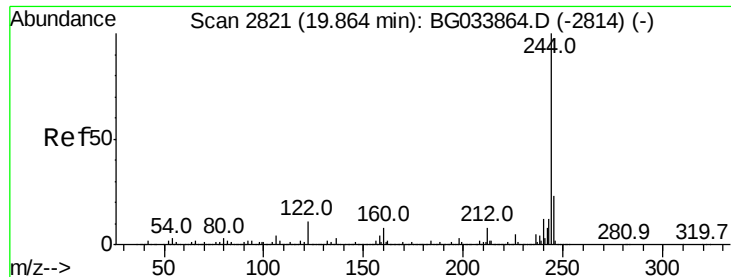
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.46 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BG033963.D
 Acq: 24 Apr 2018 20:42

Tgt Ion:240 Resp: 563073
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.8 10.2
 236 25.1 20.9 31.3



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: 60.852 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

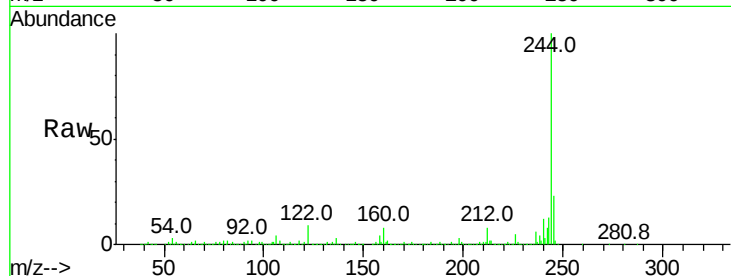
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1525153

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.2	7.0	10.4

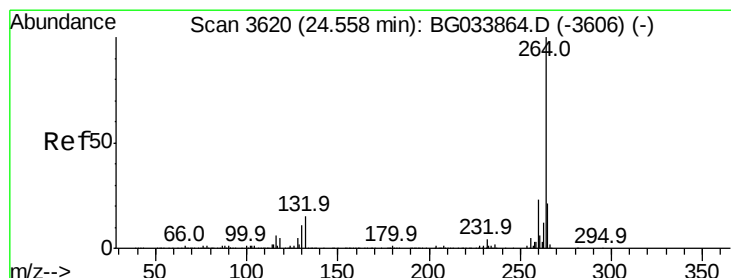
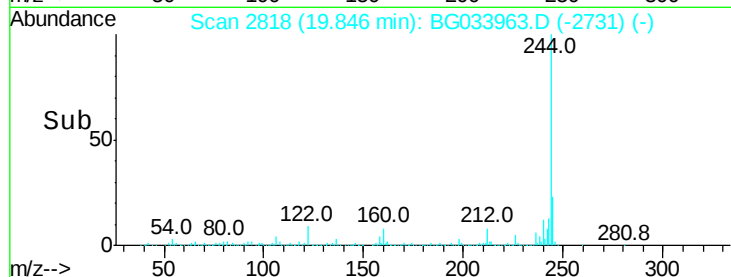
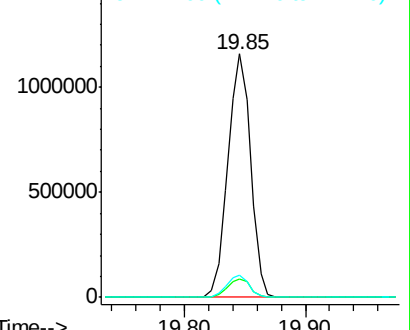


Abundance

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: 20.000 ng

RT: 24.52 min Scan# 3614

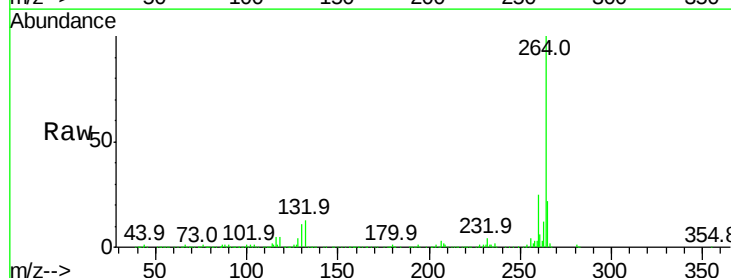
Delta R.T. -0.04 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Tgt Ion:264 Resp: 581550

Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	22.4	17.7	26.5



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

