

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033957.D
 Acq On : 24 Apr 2018 16:54
 Operator : SJ/JU
 Sample : J2475-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:01:28 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

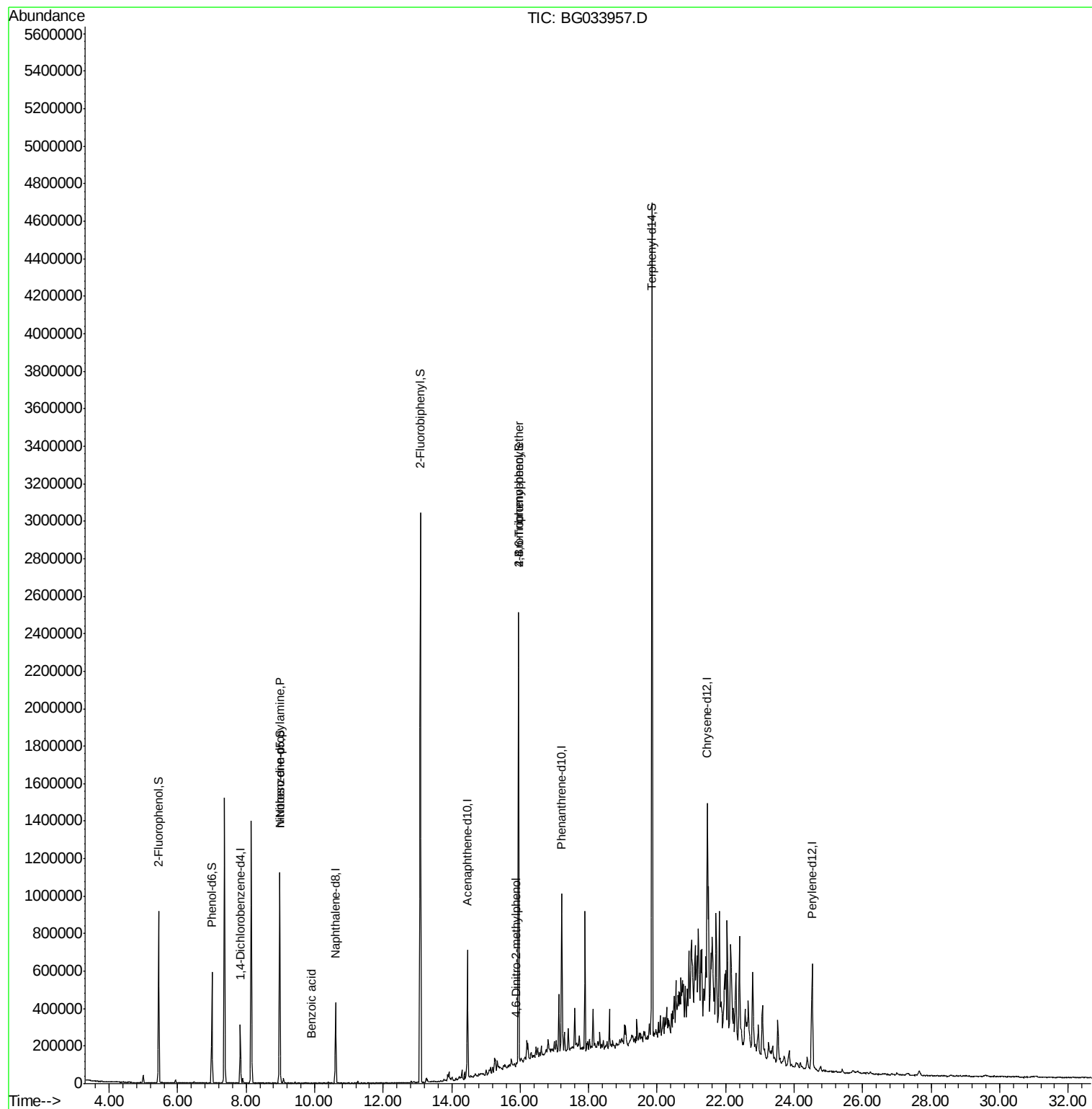
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	89033	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	369575	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	228711	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	518634	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	547235	20.00	ng	-0.03
86) Perylene-d12	24.52	264	580702	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	386692	69.34	ng	0.00
7) Phenol-d6	7.00	99	321395	39.51	ng	0.00
23) Nitrobenzene-d5	8.98	82	662799	102.06	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	429019	160.78	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1583181	101.69	ng	-0.02
78) Terphenyl-d14	19.85	244	2004580	82.30	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	814	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	8.98	70	92564	13.350	ng	# 5
32) Benzoic acid	9.92	122	117	5.104	ng	# 78
64) 4,6-Dinitro-2-methylphenol	15.89	198	274	6.584	ng	# 1
66) 4-Bromophenyl-phenylether	15.95	248	15718	2.760	ng	# 1

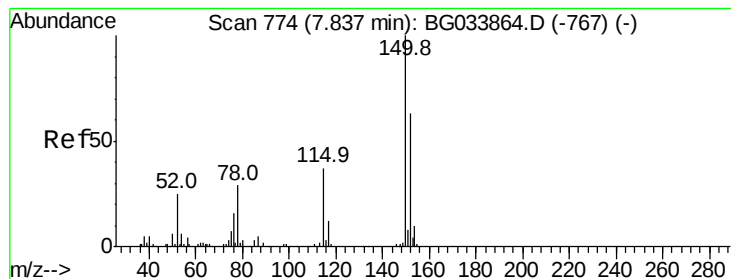
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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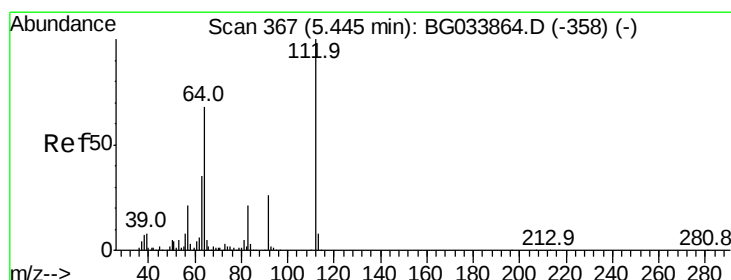
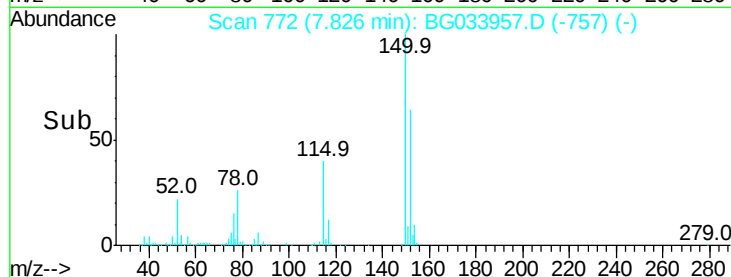
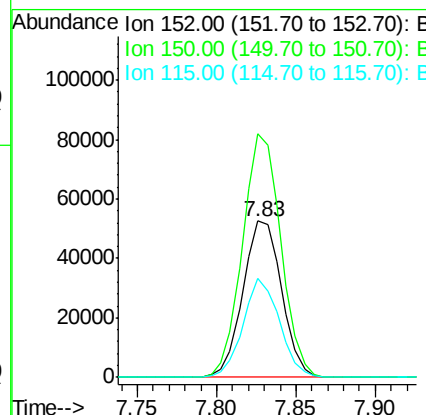
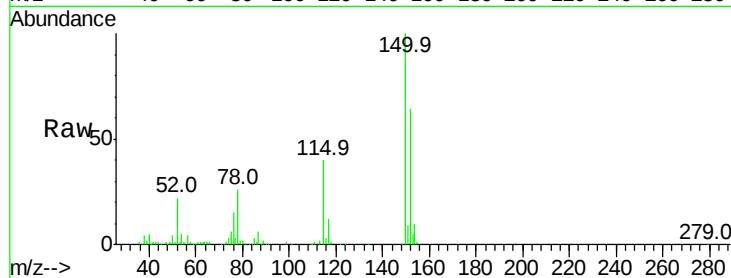


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

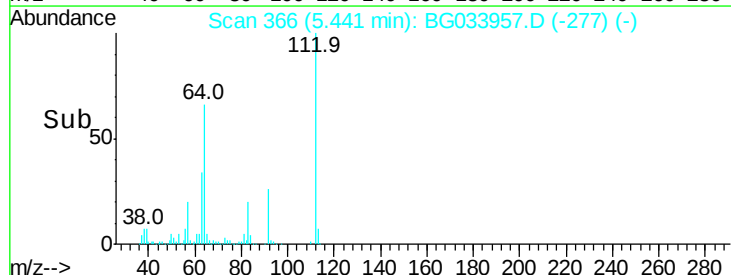
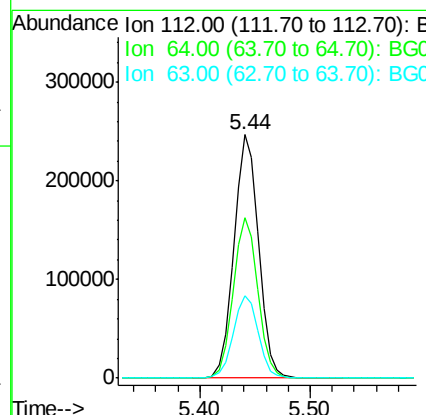
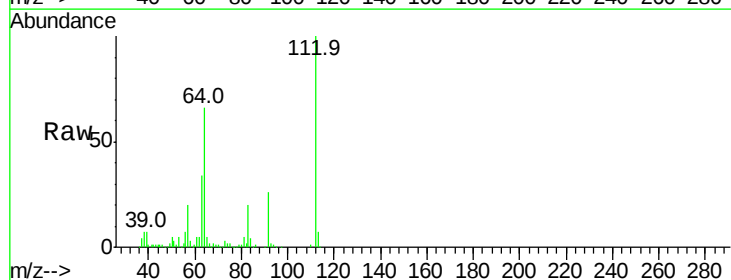
Tot Ion:152 Resp: 89033
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 63.2 53.0 79.4

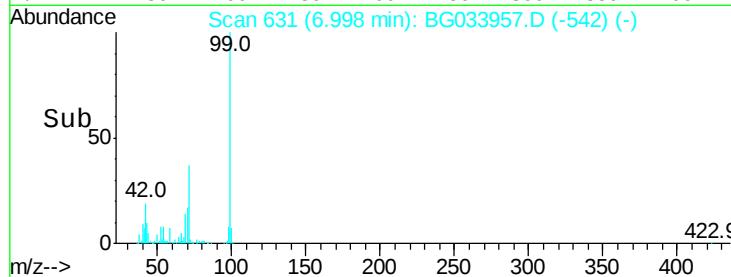
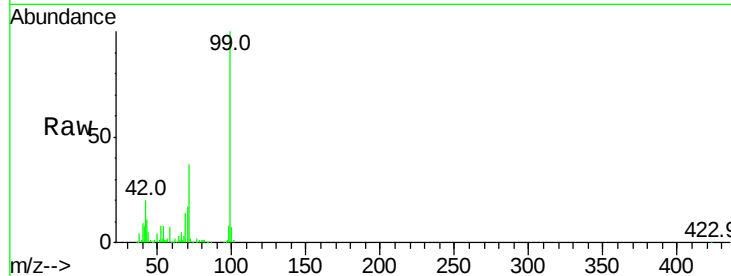
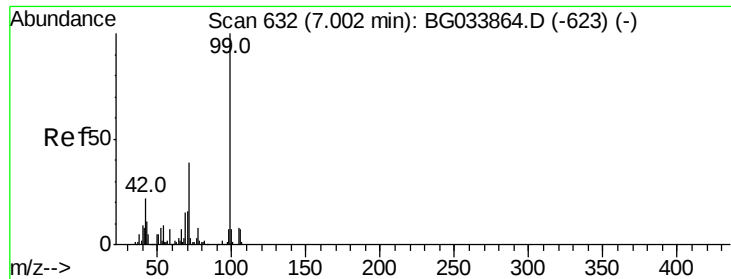


#5

2-Fluorophenol
Concen: 69.341 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion:112 Resp: 386692
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 33.7 30.1 45.1





#7

Phenol-d6

Concen: 39.513 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033957.D

Acq: 24 Apr 2018 16:54

Instrument :

BNA_G

ClientSampled :

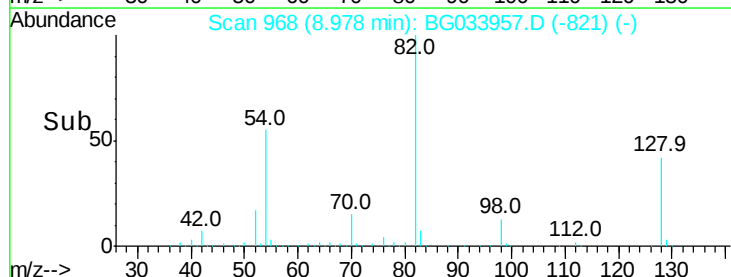
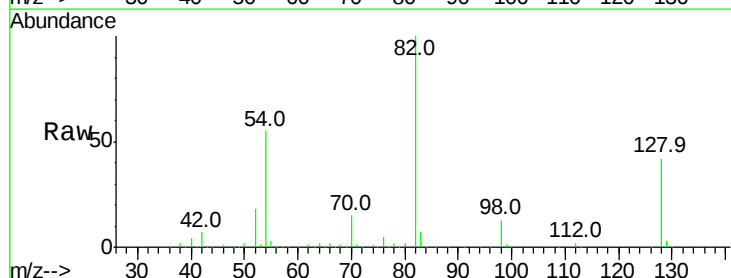
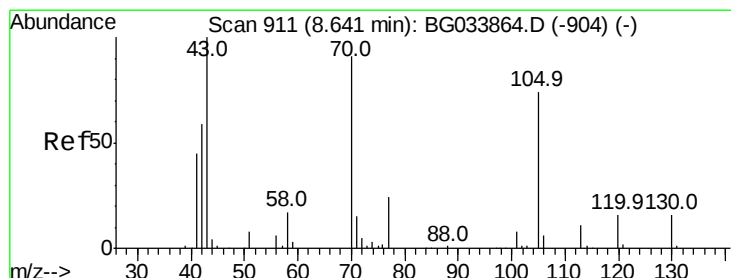
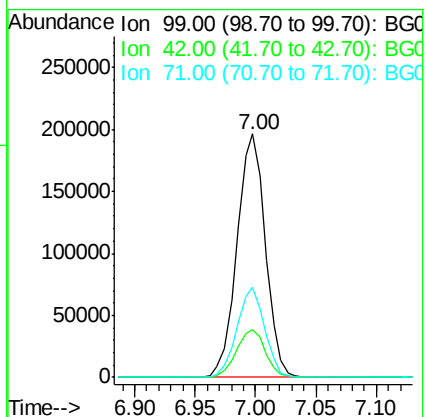
Tot Ion: 99 Resp: 321395

Ion Ratio Lower Upper

99 100

42 19.7 14.1 21.1

71 37.2 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.350 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033957.D

Acq: 24 Apr 2018 16:54

Tgt Ion: 70 Resp: 92564

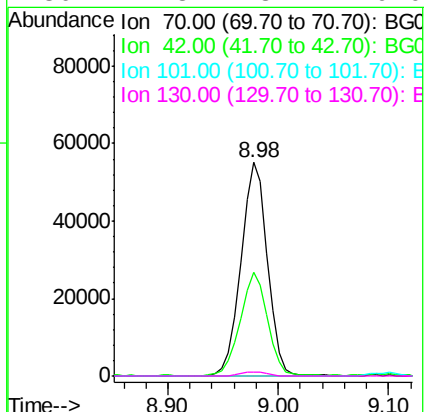
Ion Ratio Lower Upper

70 100

42 48.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

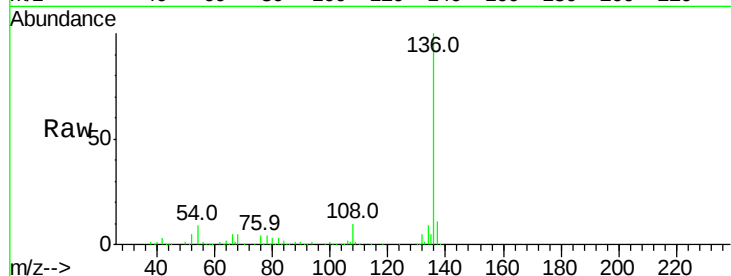




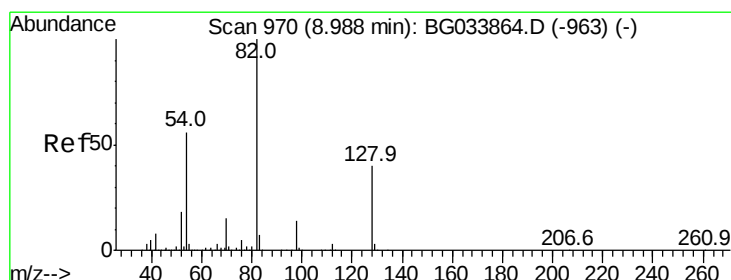
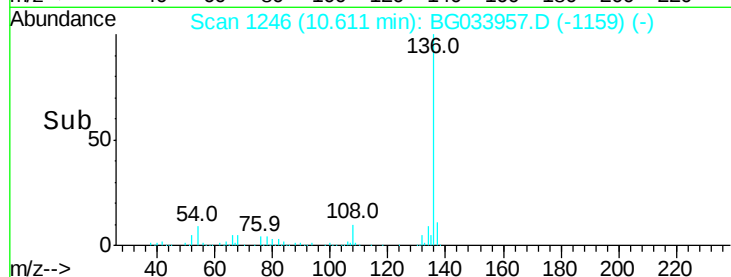
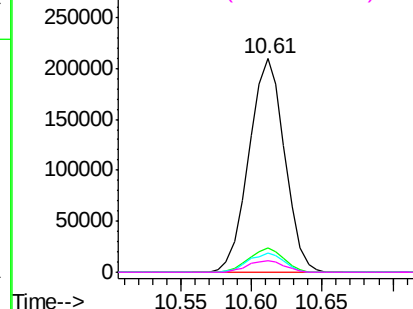
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	369575
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	9.0	10.3 15.5#
68	5.4	4.5 6.7

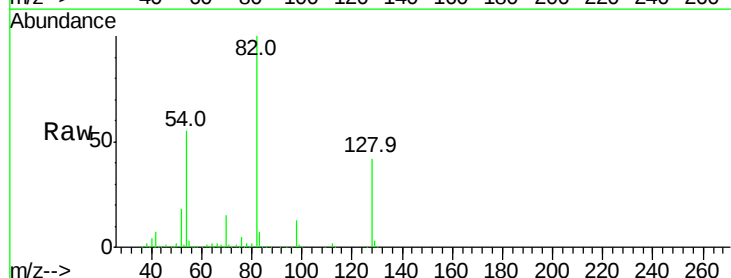


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

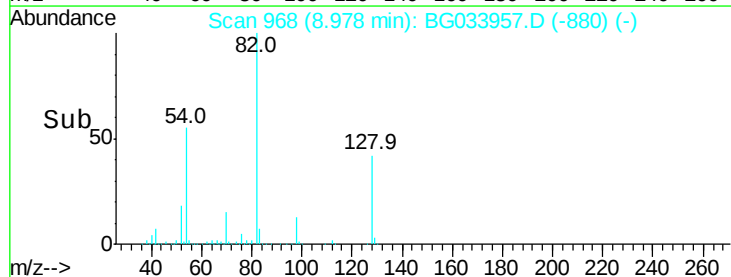
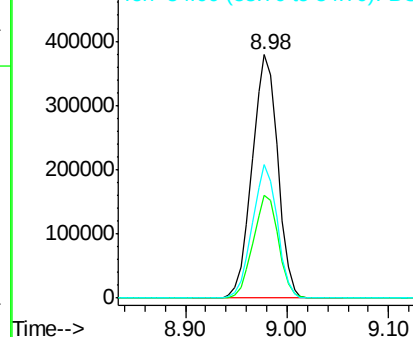


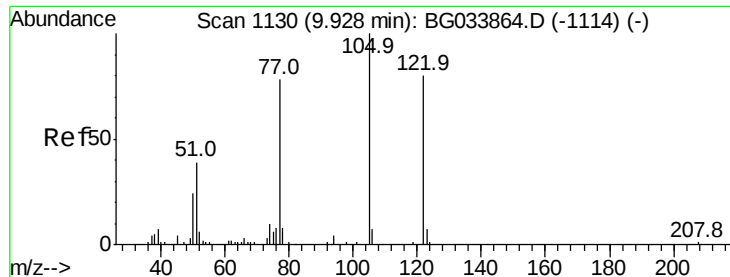
#23
Nitrobenzene-d5
Concen: 102.062 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion: 82	Resp:	662799
Ion Ratio	Lower	Upper
82	100	
128	42.2	29.7 44.5
54	54.6	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

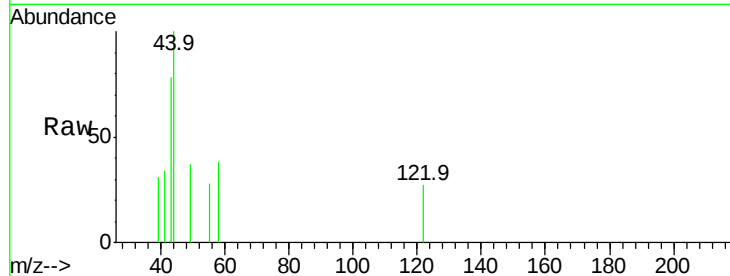




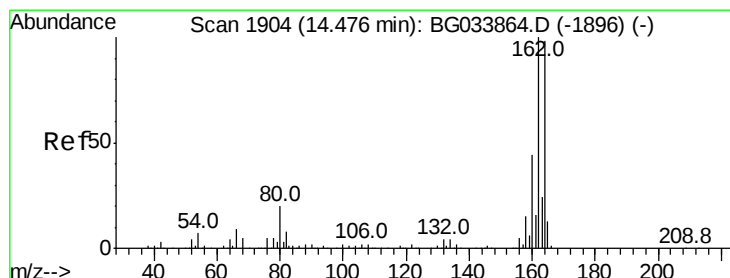
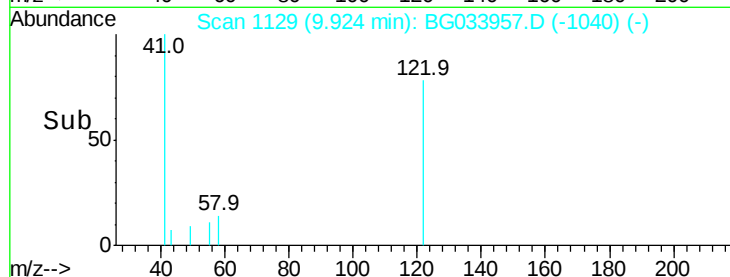
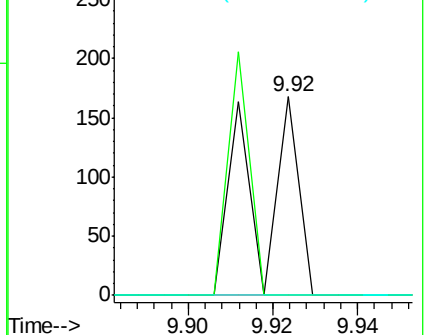
#32
Benzoic acid
Concen: 5.104 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

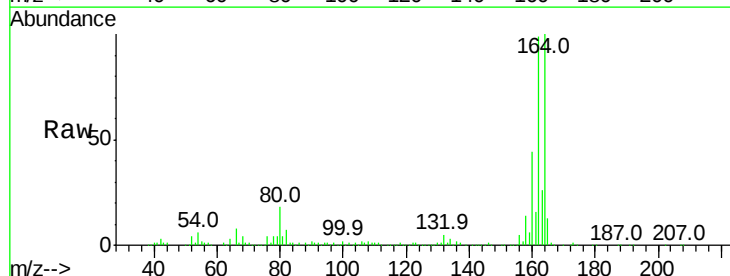


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

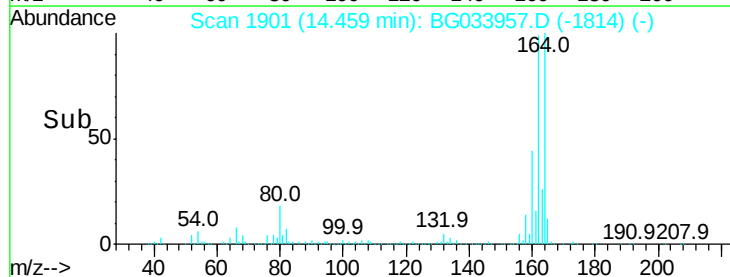
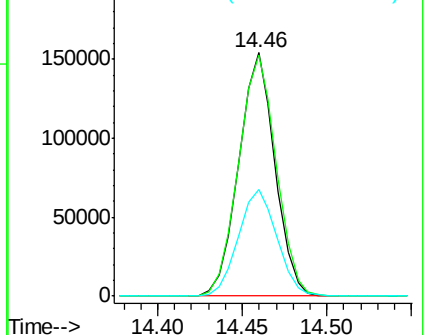


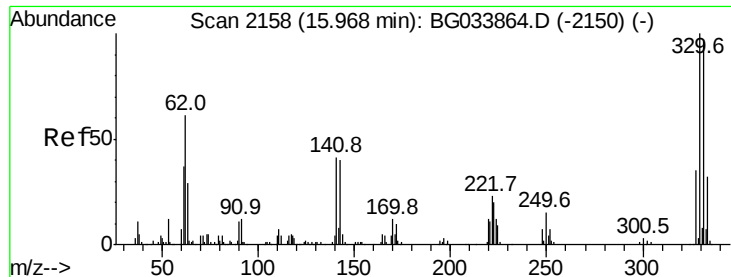
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion:164 Resp: 228711
Ion Ratio Lower Upper
164 100
162 99.3 78.8 118.2
160 43.9 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

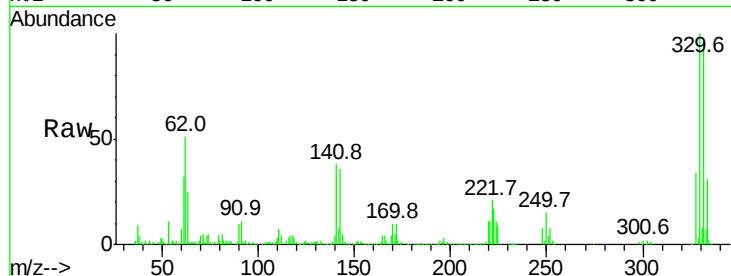




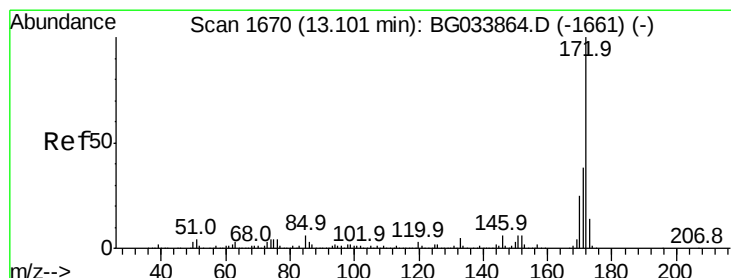
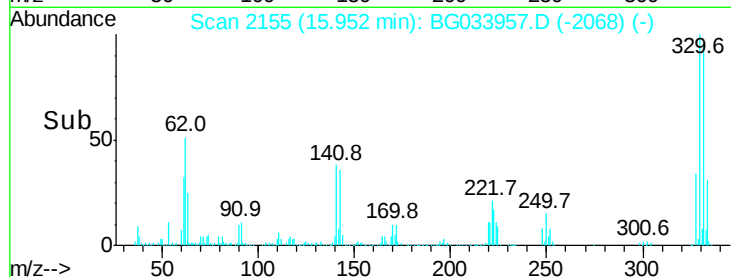
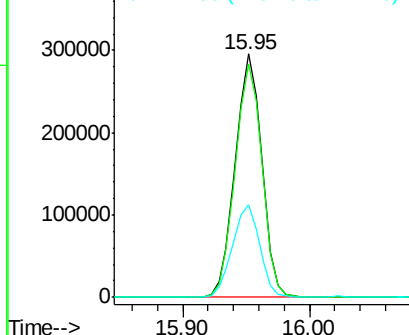
#41
 2,4,6-Tribromophenol
 Concen: 160.785 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033957.D
 Acq: 24 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	38.2	25.2	37.8#

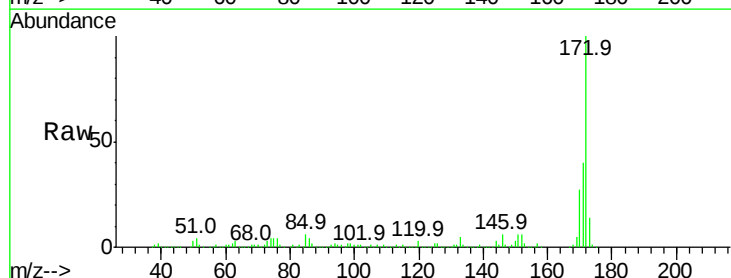


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

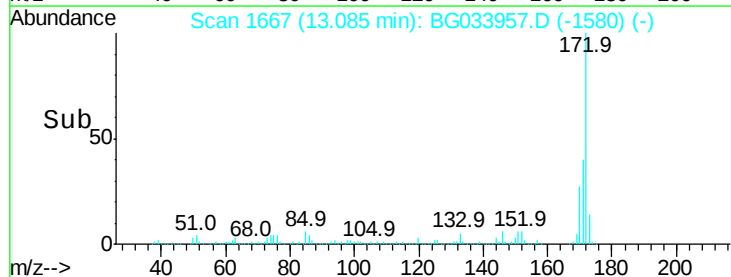
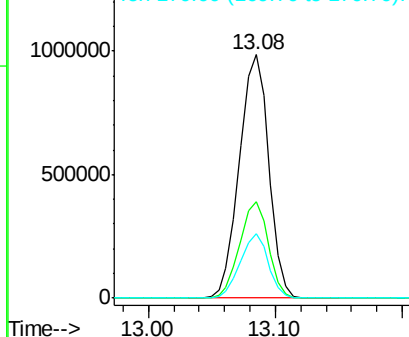


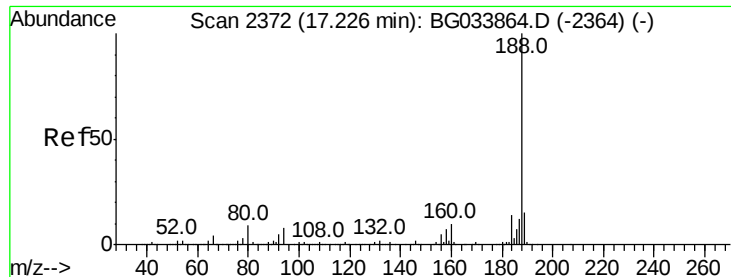
#44
 2-Fluorobiphenyl
 Concen: 101.689 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033957.D
 Acq: 24 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.0	45.0
170	26.7	19.5	29.3



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: 20.000 ng

RT: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033957.D

Acq: 24 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

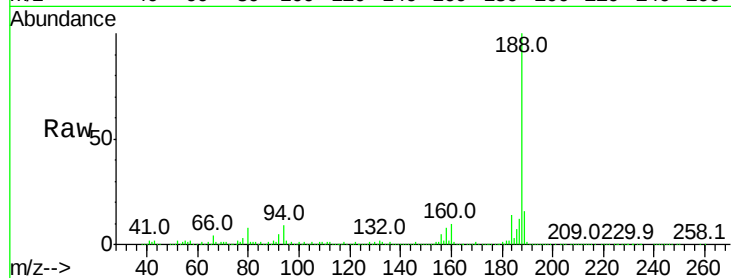
Tot Ion:188 Resp: 518634

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

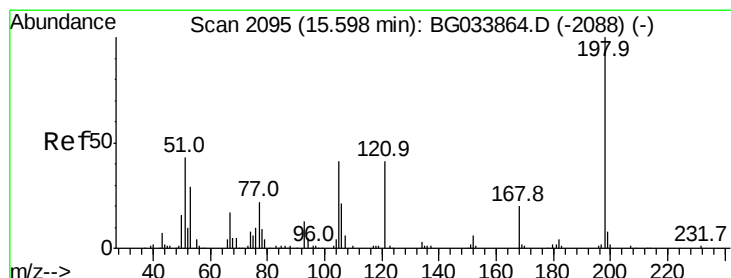
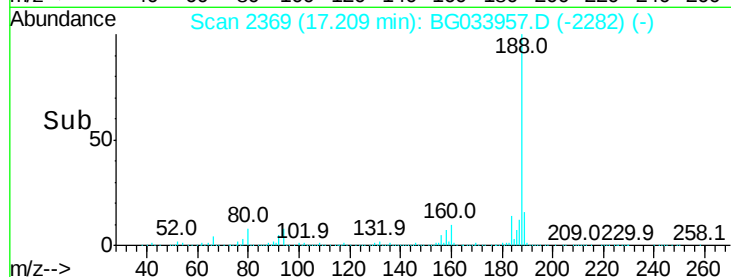
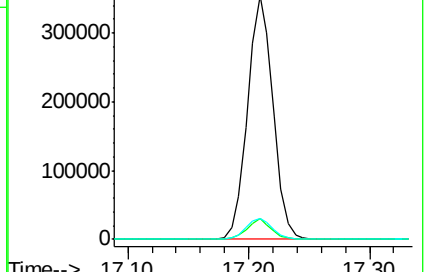
80 8.4 7.7 11.5



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: 6.584 ng

RT: 15.89 min Scan# 2144

Delta R.T. 0.29 min

Lab File: BG033957.D

Acq: 24 Apr 2018 16:54

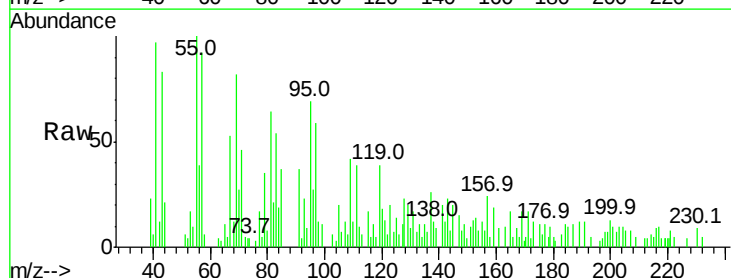
Tgt Ion:198 Resp: 274

Ion Ratio Lower Upper

198 100

51 82.8 30.6 70.6#

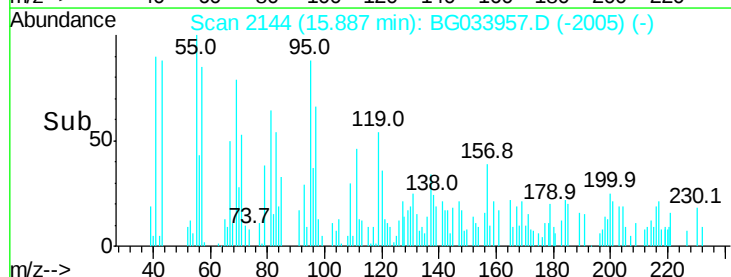
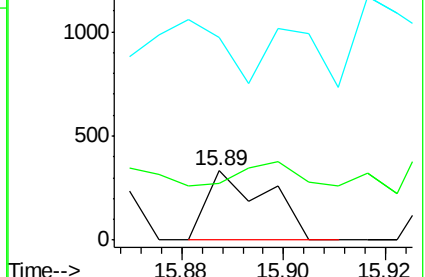
105 294.0 23.8 63.8#

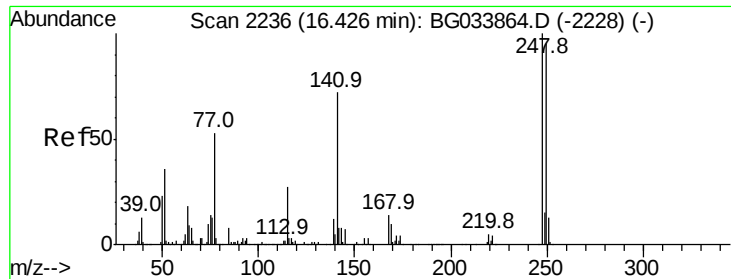


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

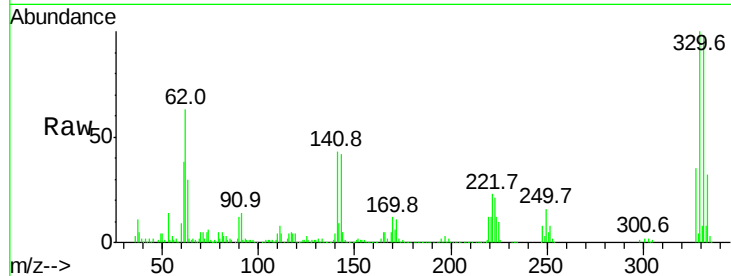




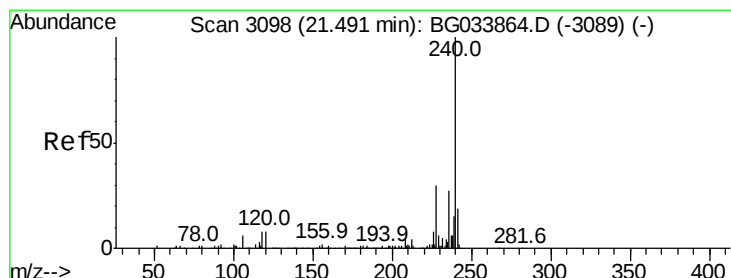
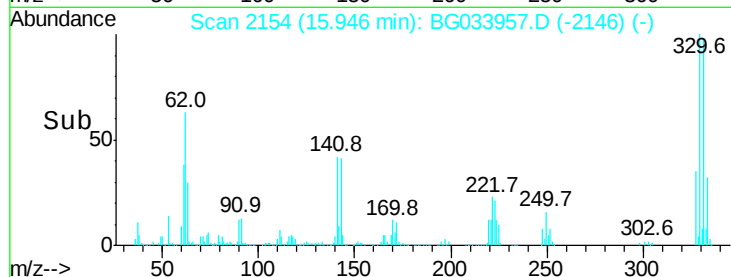
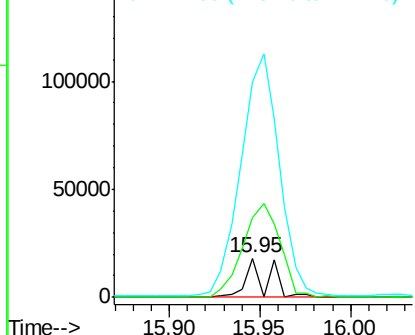
#66
 4-Bromophenyl-phenylether
 Concen: 2.760 ng
 RT: 15.95 min Scan# 2154
 Delta R.T. -0.48 min
 Lab File: BG033957.D
 Acq: 24 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 15718
 Ion Ratio Lower Upper
 248 100
 250 200.2 77.1 115.7#
 141 415.0 50.8 76.2#

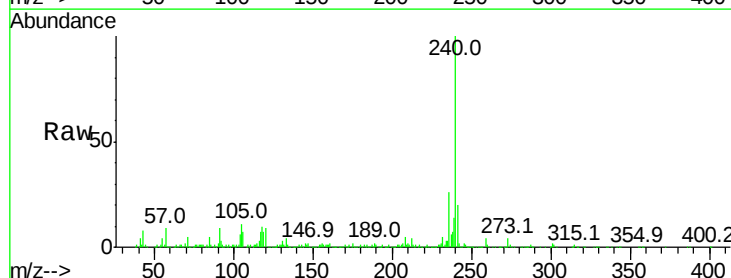


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

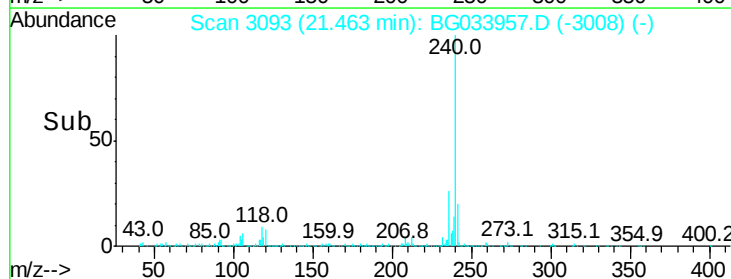
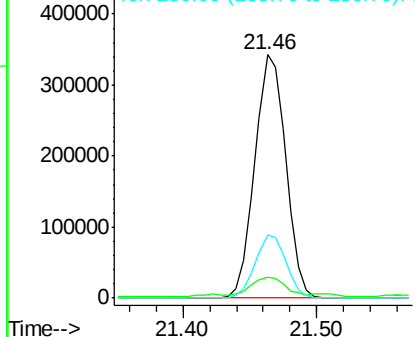


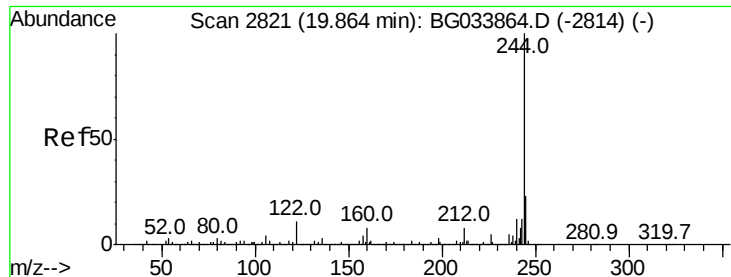
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.46 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BG033957.D
 Acq: 24 Apr 2018 16:54

Tgt Ion:240 Resp: 547235
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.8 10.2
 236 25.8 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: 82.296 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033957.D

Acq: 24 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

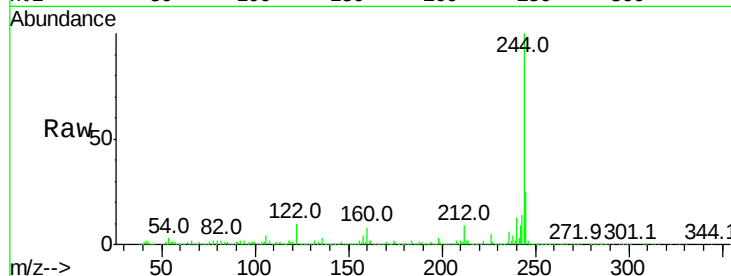
Tot Ion:244 Resp: 2004580

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

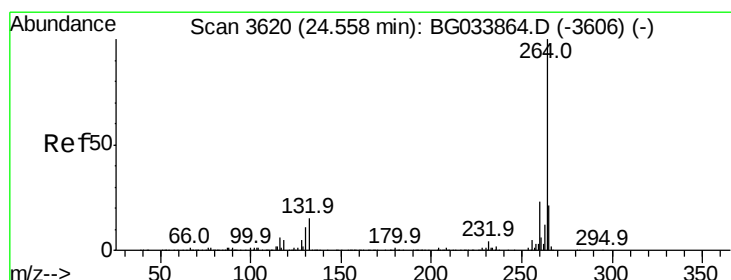
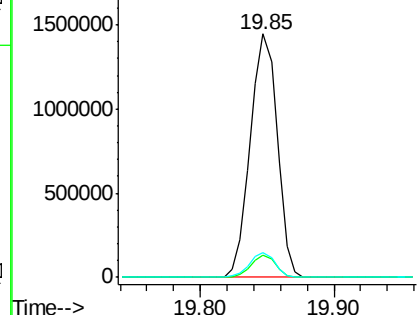
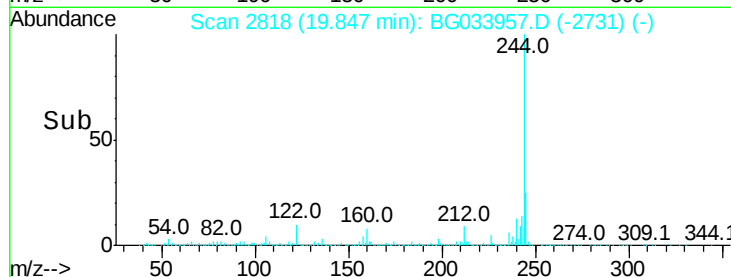
122 10.4 7.0 10.4



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. -0.03 min

Lab File: BG033957.D

Acq: 24 Apr 2018 16:54

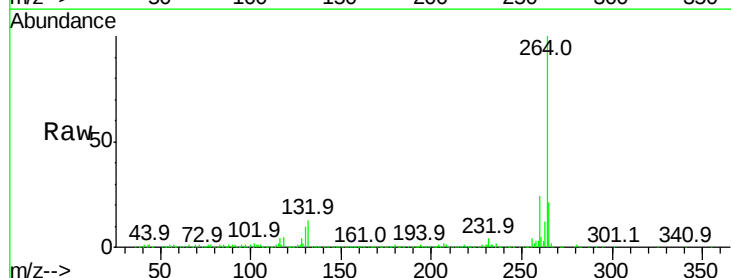
Tgt Ion:264 Resp: 580702

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.3 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

