

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035527.D
 Acq On : 30 Jun 2018 5:09
 Operator : JU/SJ
 Sample : J3774-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:55:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

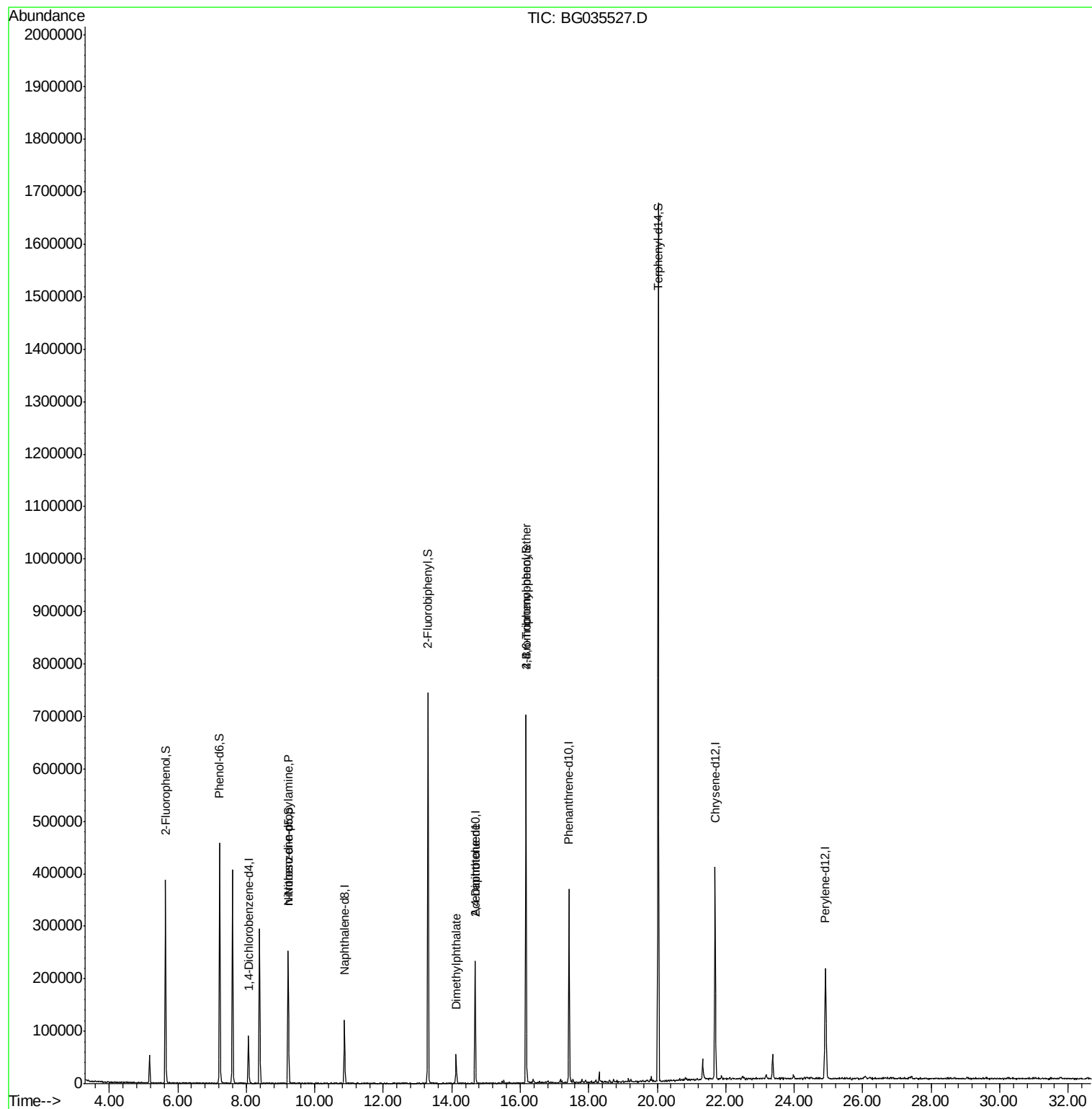
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25205	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	102352	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	83025	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	238171	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	252528	20.00	ng	-0.03
86) Perylene-d12	24.91	264	240423	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	170973	114.48	ng	0.00
7) Phenol-d6	7.22	99	274419	124.49	ng	0.00
23) Nitrobenzene-d5	9.22	82	175662	81.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	133600	125.70	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	411940	64.50	ng	-0.02
78) Terphenyl-d14	20.03	244	800723	66.42	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	23912	12.768	ng	# 69
49) Dimethylphthalate	14.13	163	39670	5.479	ng	# 98
56) 2,4-Dinitrotoluene	14.68	165	10603	6.043	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	9908	3.454	ng	# 1

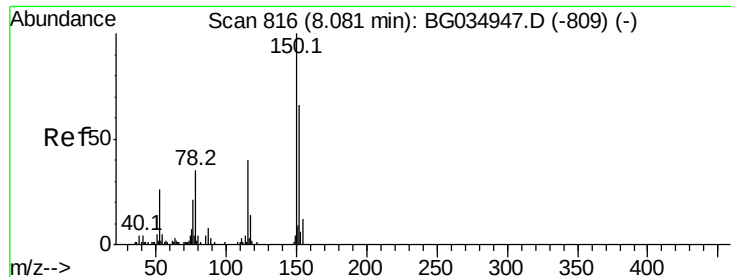
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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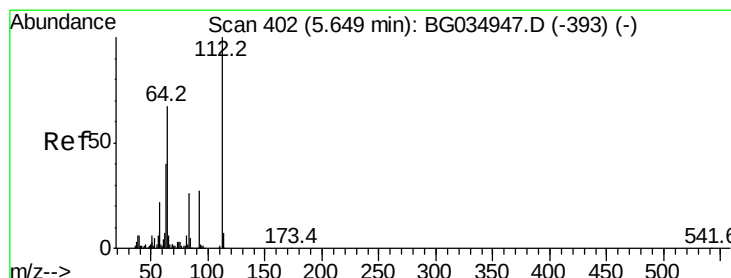
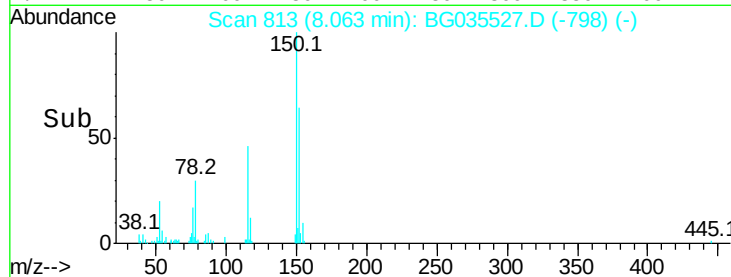
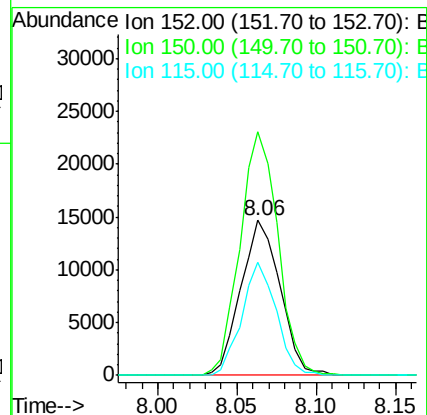
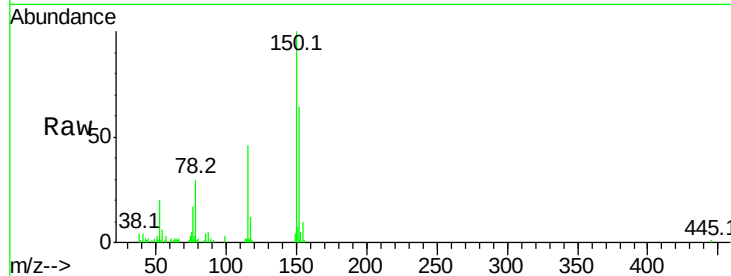


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035527.D
Acq: 30 Jun 2018 5:09

Instrument :
BNA_G
ClientSampleId :

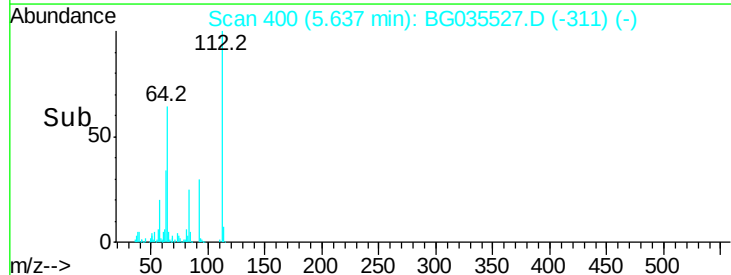
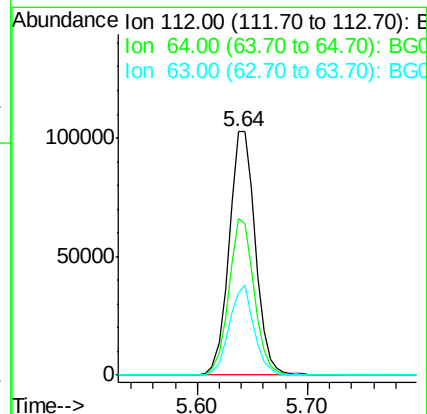
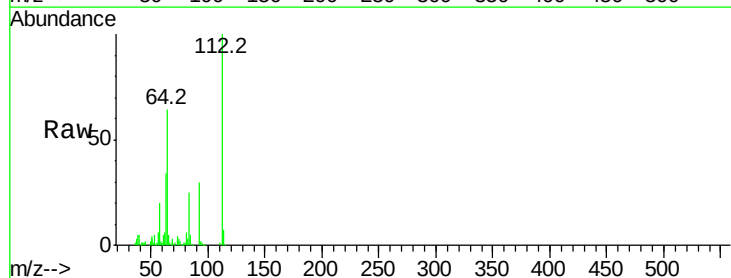
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	72.9	53.0	79.4

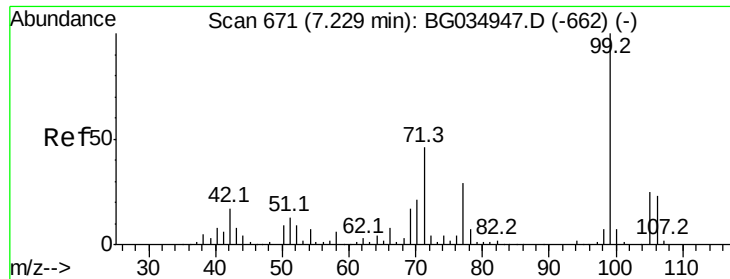


#5

2-Fluorophenol
Concen: 114.475 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035527.D
Acq: 30 Jun 2018 5:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	34.0	30.1	45.1





#7

Phenol-d6

Concen: 124.489 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

Instrument :

BNA_G

ClientSampleId :

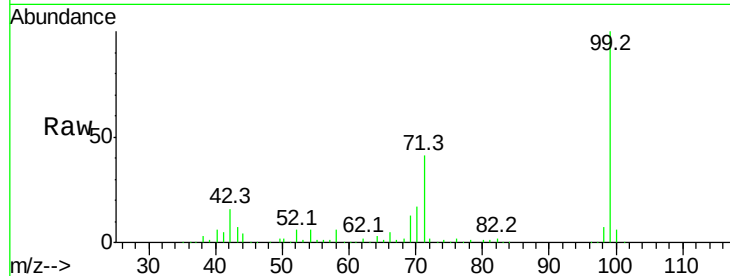
Tot Ion: 99 Resp: 274419

Ion Ratio Lower Upper

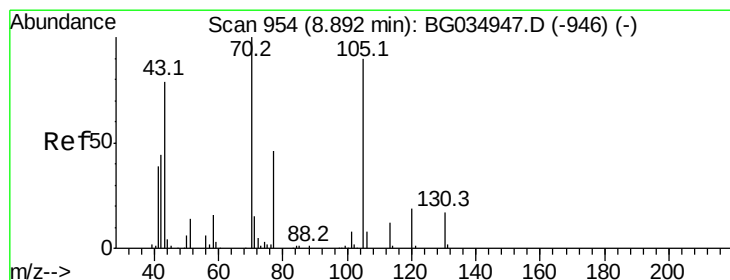
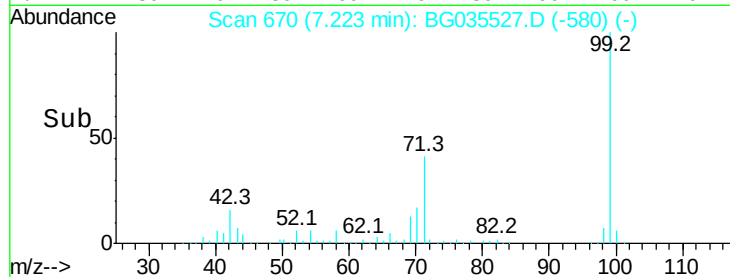
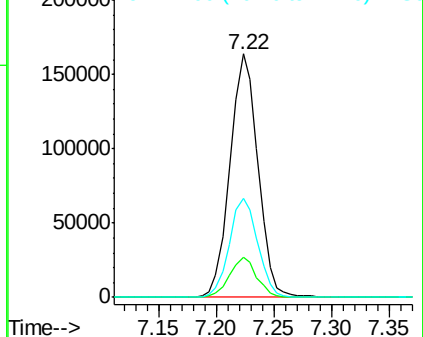
99 100

42 16.3 14.1 21.1

71 40.5 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: 12.768 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

Tgt Ion: 70 Resp: 23912

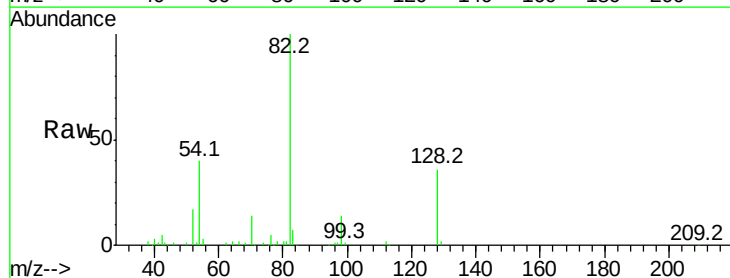
Ion Ratio Lower Upper

70 100

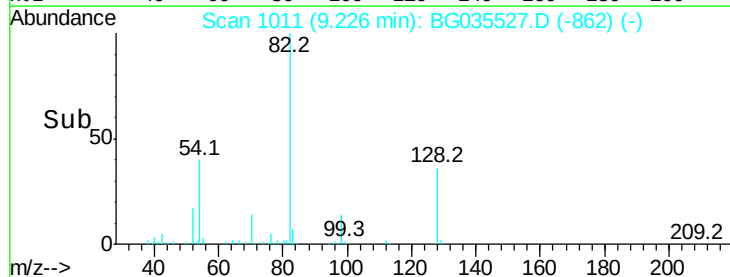
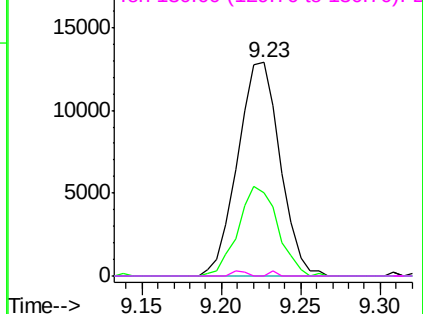
42 38.8 49.1 73.7#

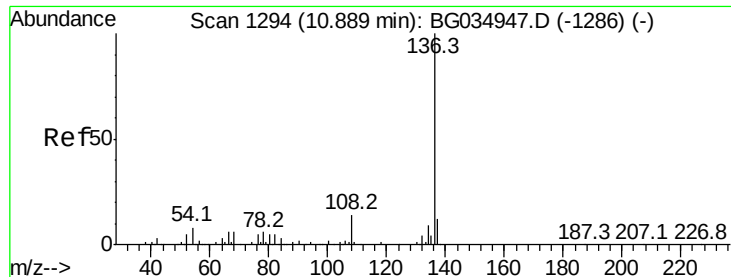
101 0.0 8.5 12.7#

130 0.0 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

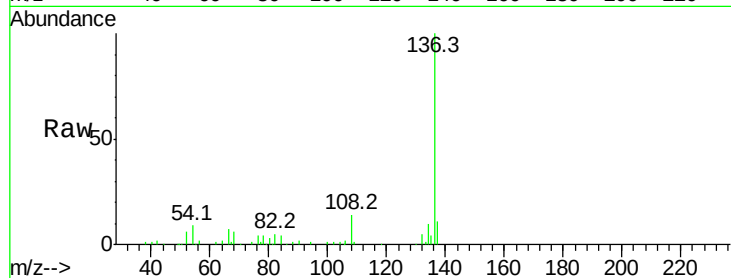




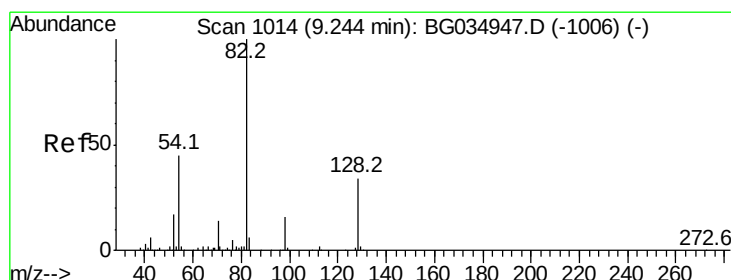
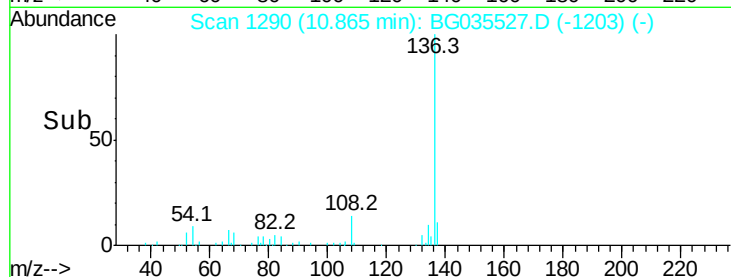
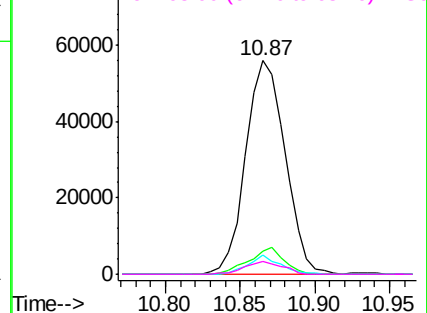
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035527.D
Acq: 30 Jun 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	102352
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.7	10.3	15.5
68	6.0	4.5	6.7

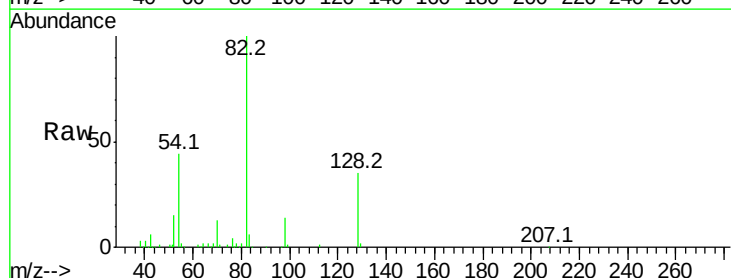


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

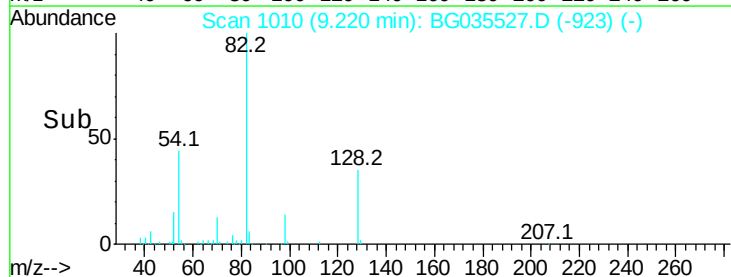
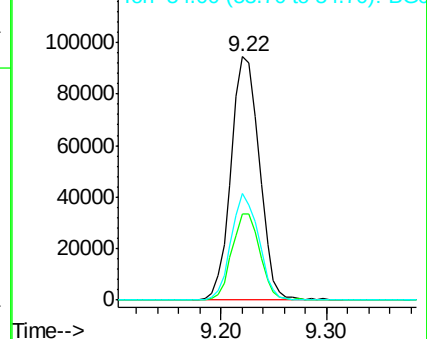


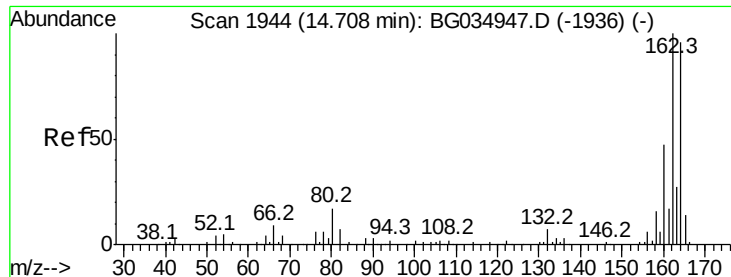
#23
Nitrobenzene-d5
Concen: 81.581 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035527.D
Acq: 30 Jun 2018 5:09

Tgt Ion:	82	Resp:	175662
Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	43.6	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

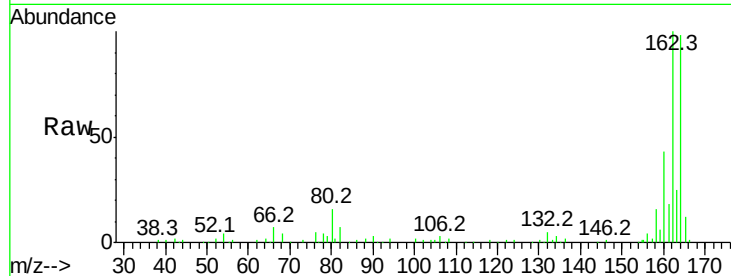




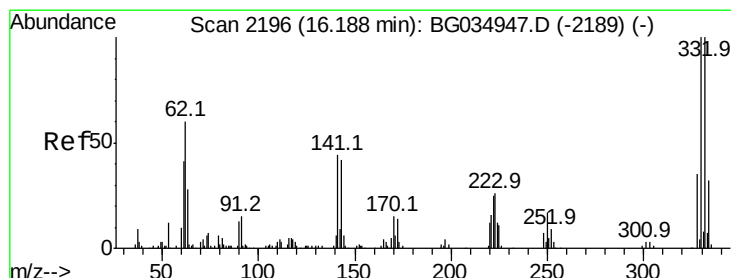
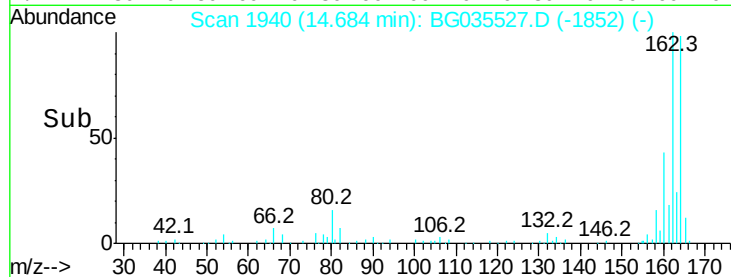
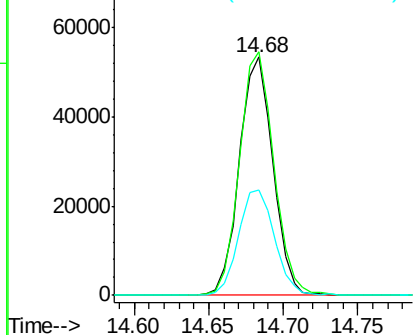
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035527.D
 Acq: 30 Jun 2018 5:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 83025
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 44.5 35.4 53.0

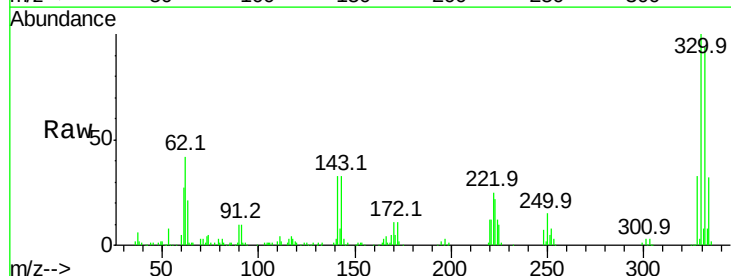


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

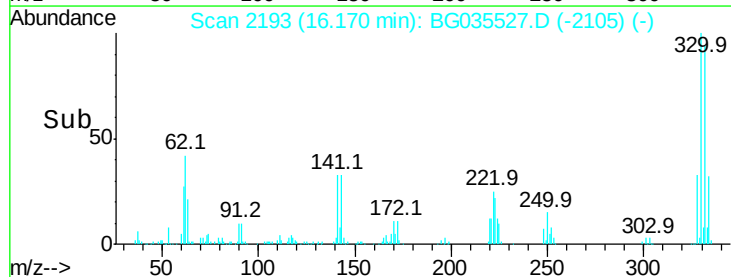
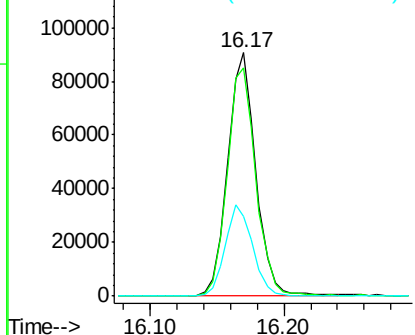


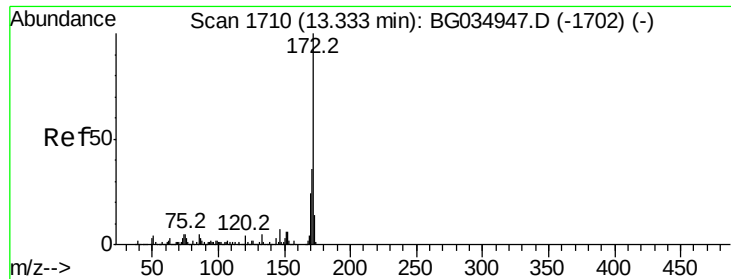
#41
 2,4,6-Tribromophenol
 Concen: 125.703 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035527.D
 Acq: 30 Jun 2018 5:09

Tgt Ion:330 Resp: 133600
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 36.7 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

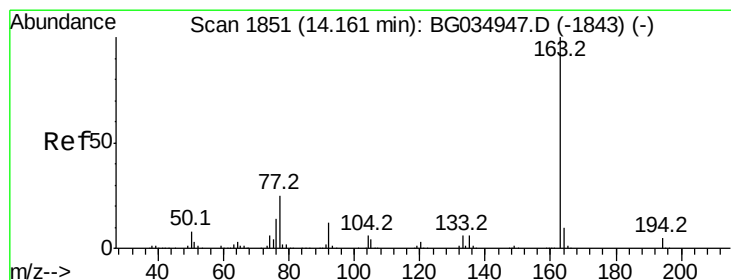
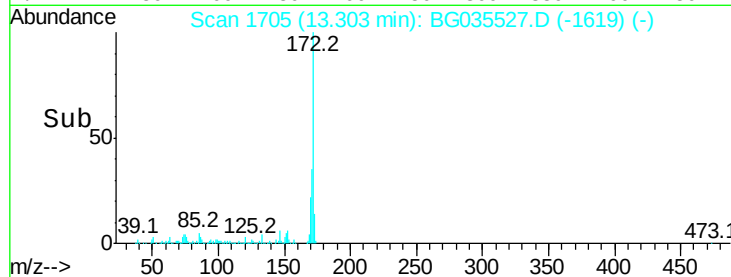
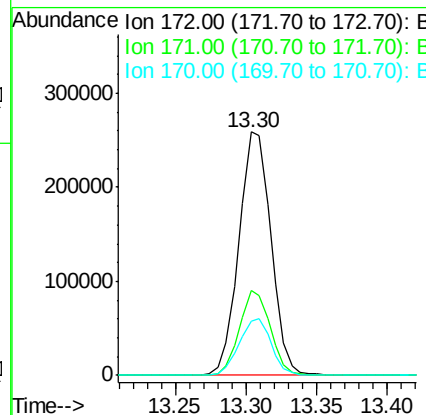
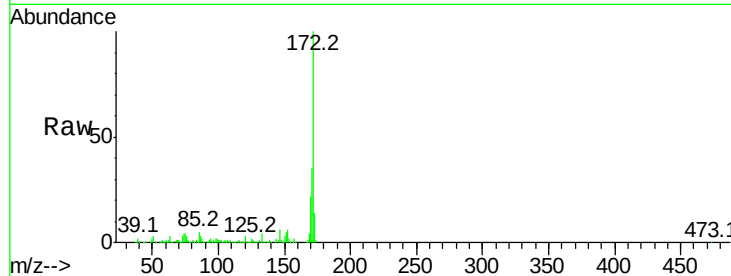




#44
2-Fluorobiphenyl
Concen: 64.501 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035527.D
Acq: 30 Jun 2018 5:09

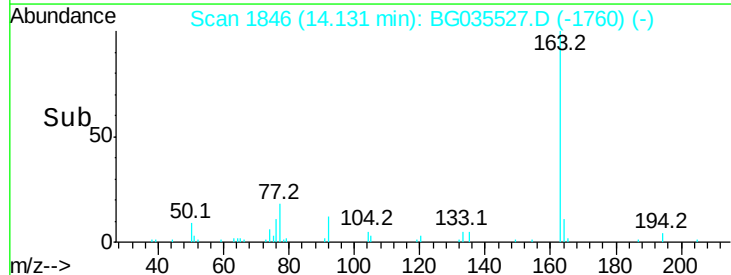
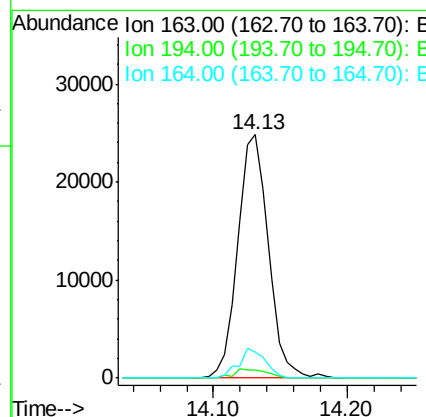
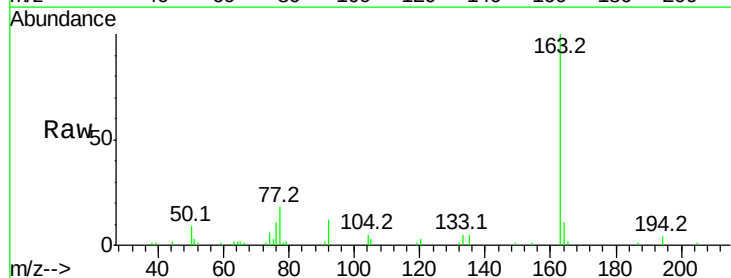
Instrument :
BNA_G
ClientSampleId :

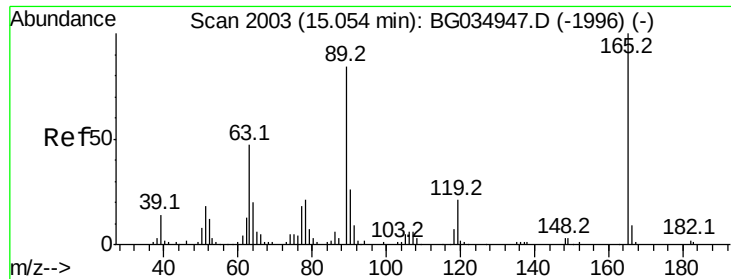
Tot Ion:172 Resp: 411940
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 22.1 19.5 29.3



#49
Dimethylphthalate
Concen: 5.479 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035527.D
Acq: 30 Jun 2018 5:09

Tgt Ion:163 Resp: 39670
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 10.9 8.2 12.4

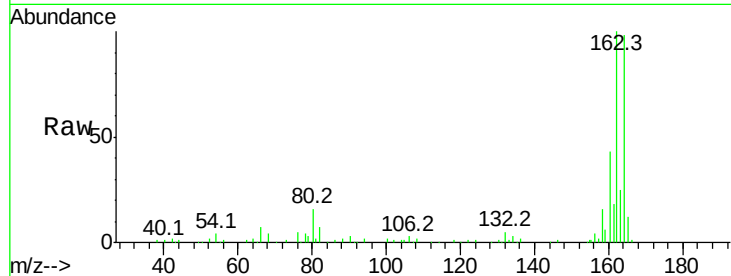




#56
 2,4-Dinitrotoluene
 Concen: 6.043 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035527.D
 Acq: 30 Jun 2018 5:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

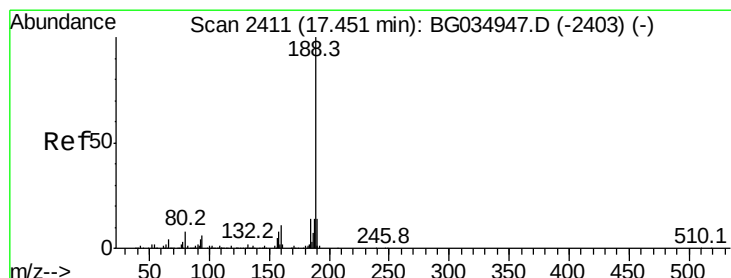
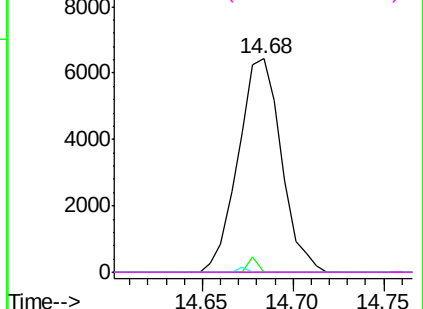
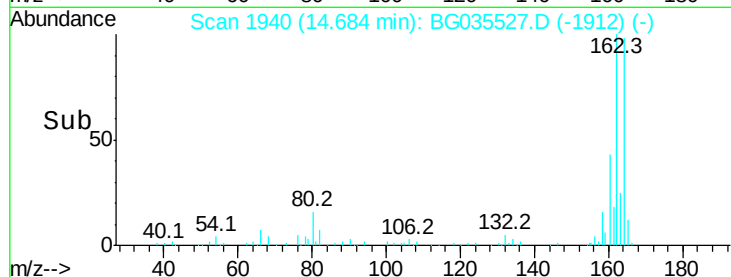


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

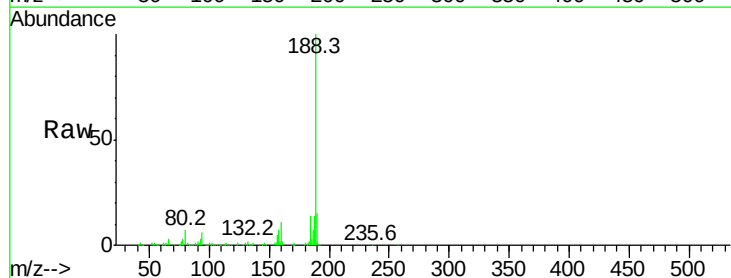
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035527.D
 Acq: 30 Jun 2018 5:09

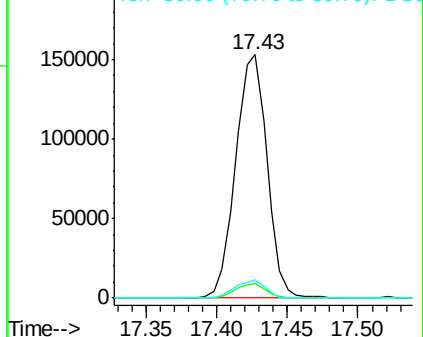
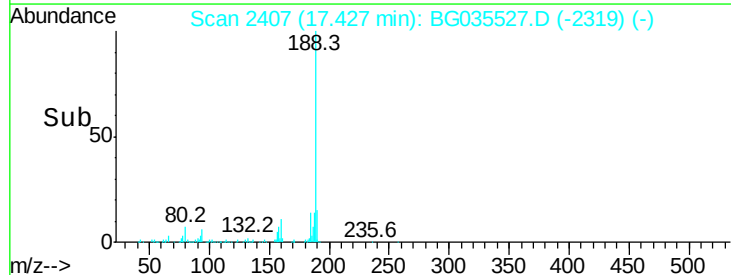
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.4	7.7	11.5#

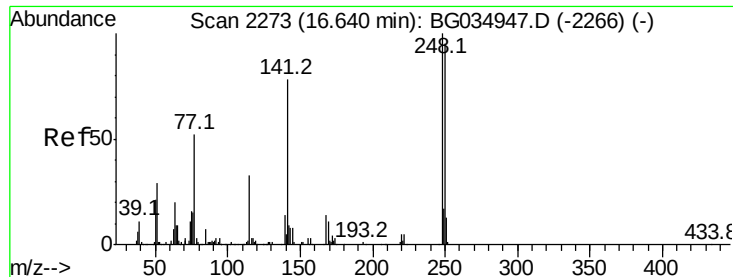


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

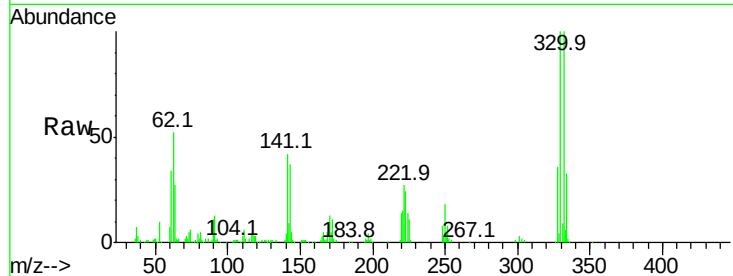




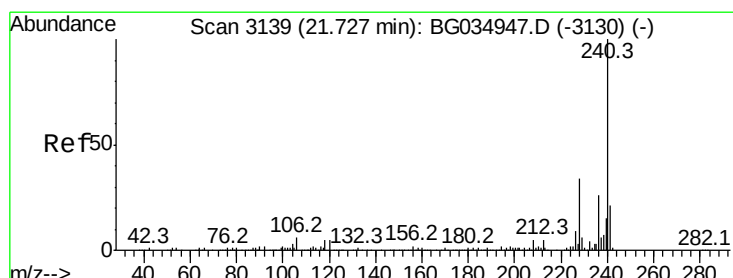
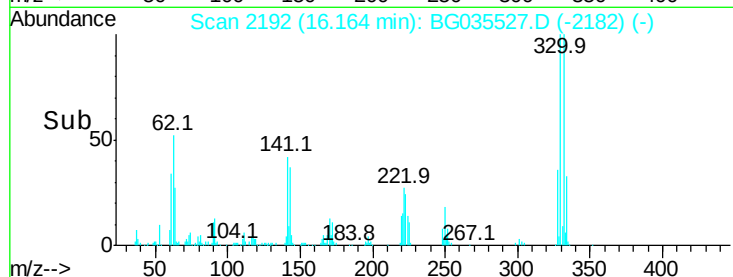
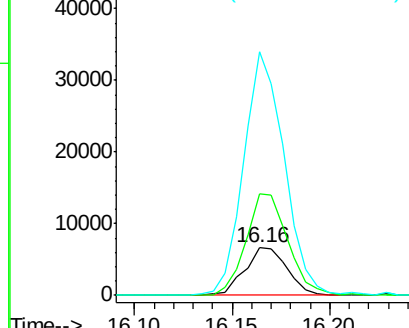
#66
4-Bromophenyl-phenylether
Concen: 3.454 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035527.D
Acq: 30 Jun 2018 5:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 9908
Ion Ratio Lower Upper
248 100
250 215.2 77.1 115.7#
141 514.6 50.8 76.2#

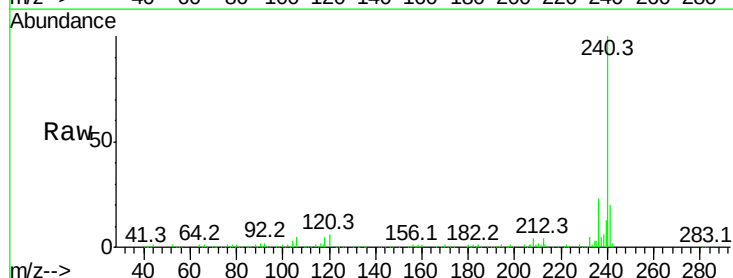


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

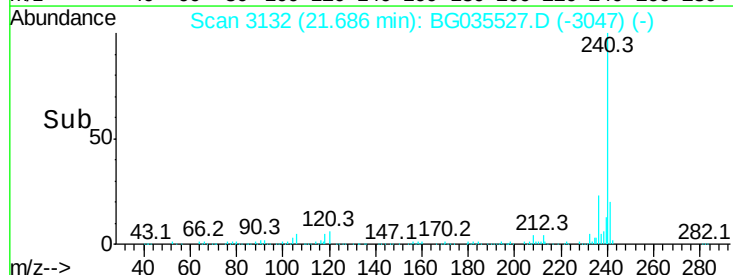
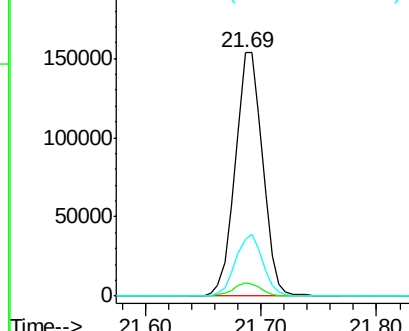


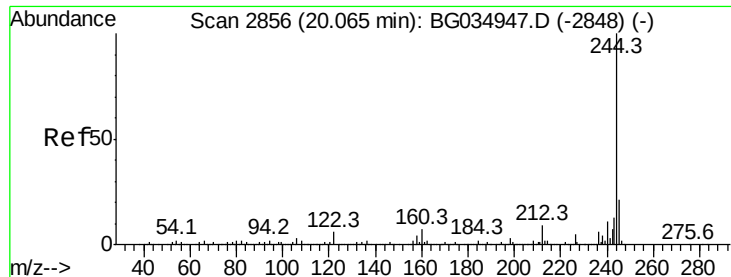
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035527.D
Acq: 30 Jun 2018 5:09

Tgt Ion:240 Resp: 252528
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 23.2 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: 66.419 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

Instrument :

BNA_G

ClientSampleId :

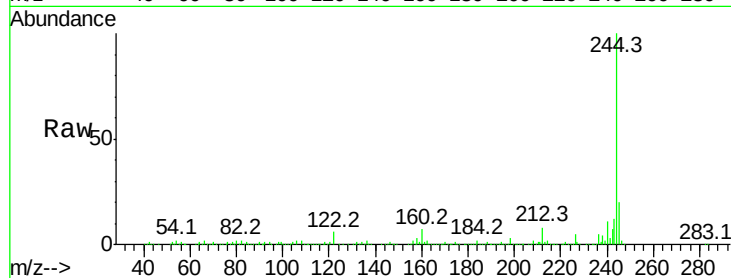
Tot Ion:244 Resp: 800723

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

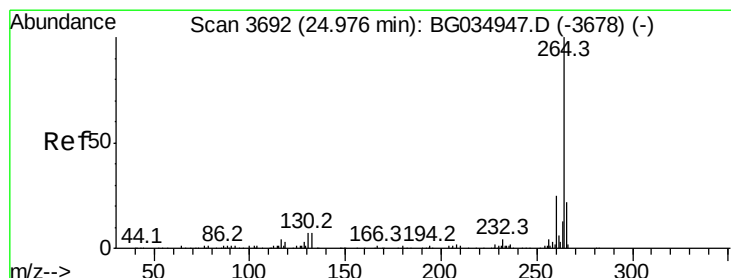
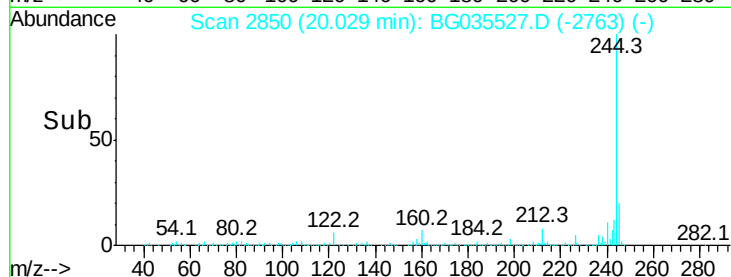
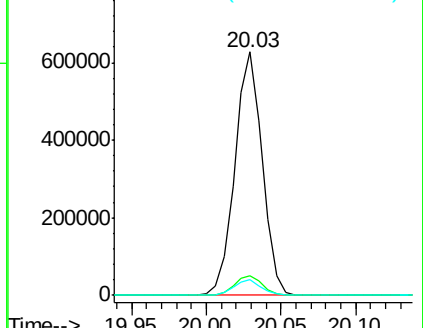
122 6.3 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

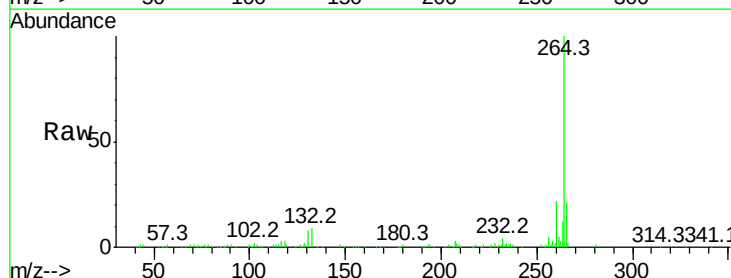
Tgt Ion:264 Resp: 240423

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 21.4 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

