

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035526.D
 Acq On : 30 Jun 2018 4:30
 Operator : JU/SJ
 Sample : J3774-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:55:51 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

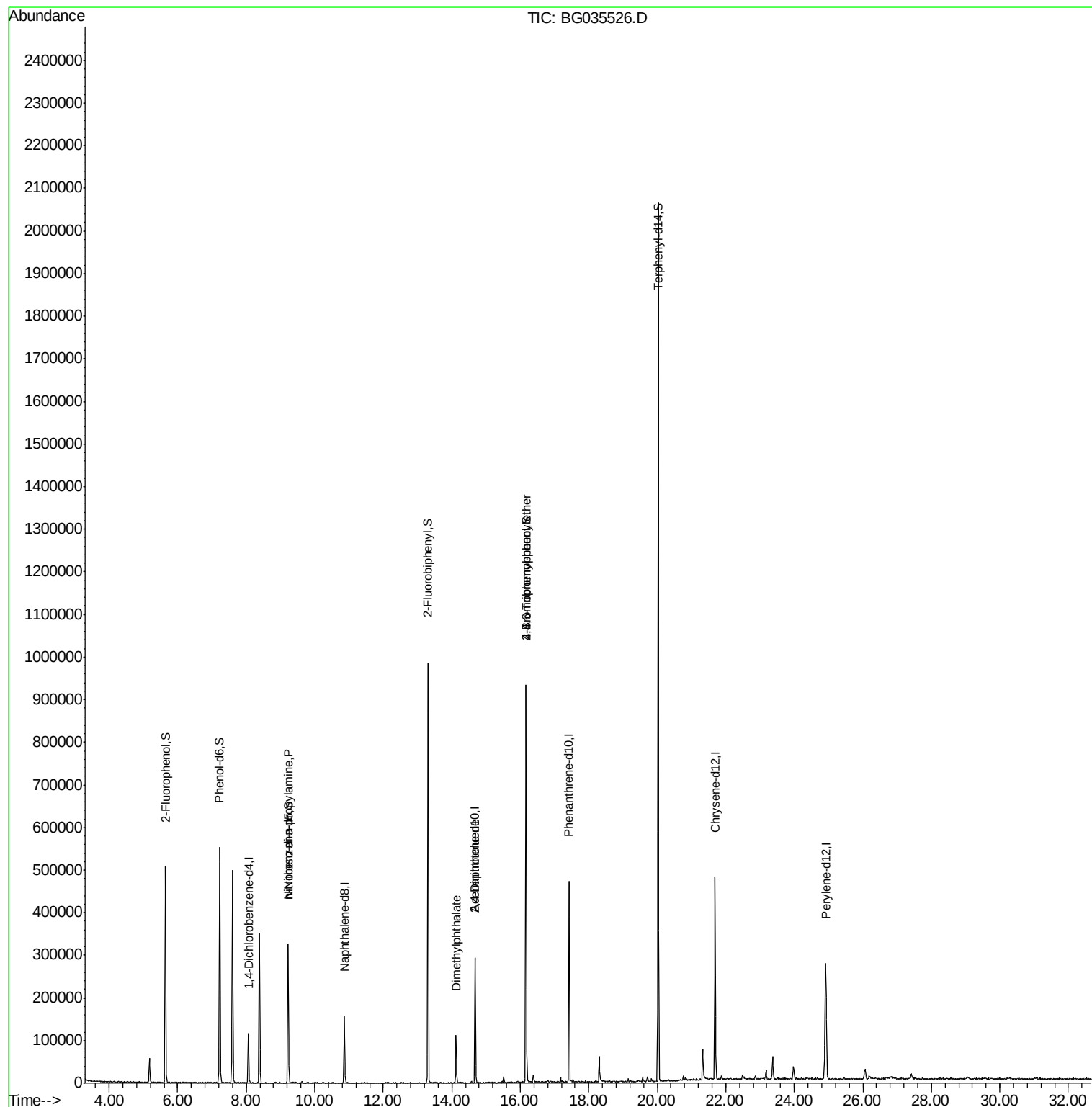
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	32423	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	133078	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	105529	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	296682	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	308173	20.00	ng	-0.03
86) Perylene-d12	24.91	264	295624	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	213831	111.30	ng	0.00
7) Phenol-d6	7.23	99	333636	117.66	ng	0.00
23) Nitrobenzene-d5	9.22	82	214784	76.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	172896	127.99	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	536389	66.08	ng	-0.02
78) Terphenyl-d14	20.03	244	1006023	68.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	30192	12.533	ng	Qvalue # 63
49) Dimethylphthalate	14.13	163	75349	8.188	ng	99
56) 2,4-Dinitrotoluene	14.68	165	14630	6.560	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	13708	3.837	ng	# 1

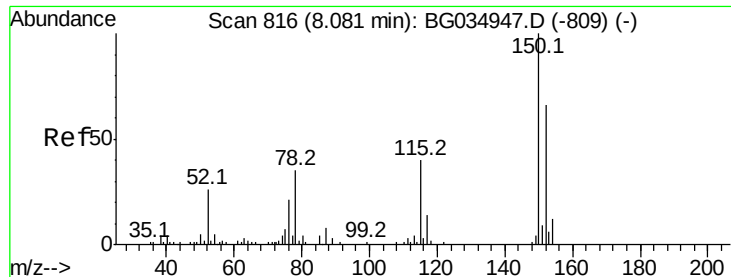
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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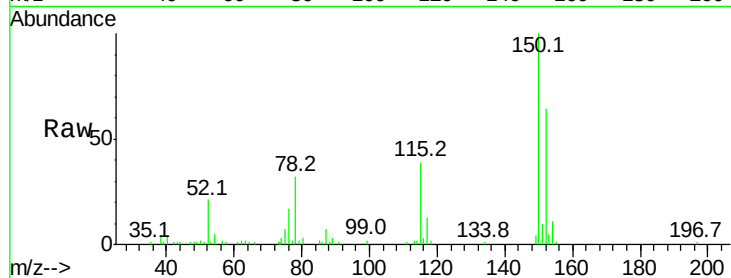


#1

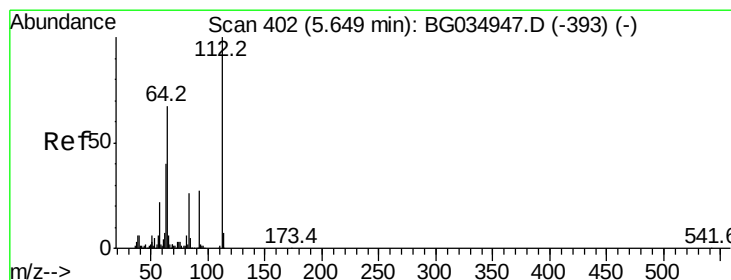
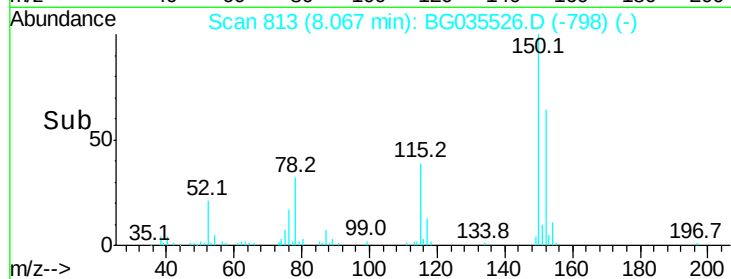
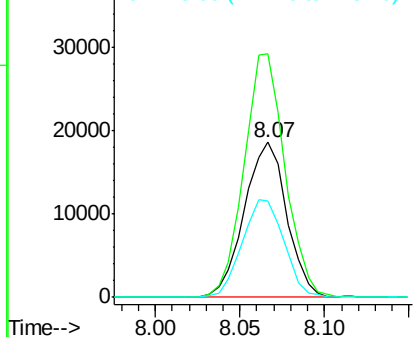
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035526.D
Acq: 30 Jun 2018 4:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32423
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 62.0 53.0 79.4



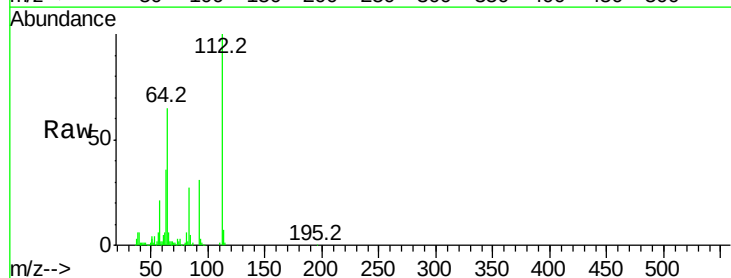
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



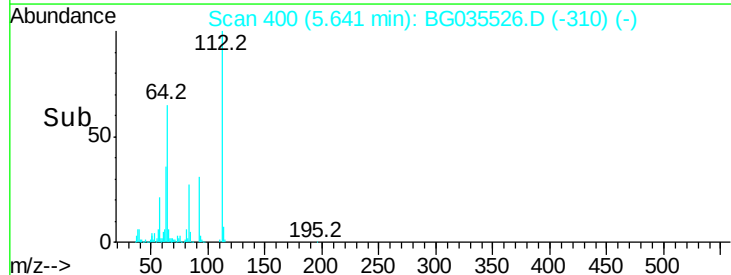
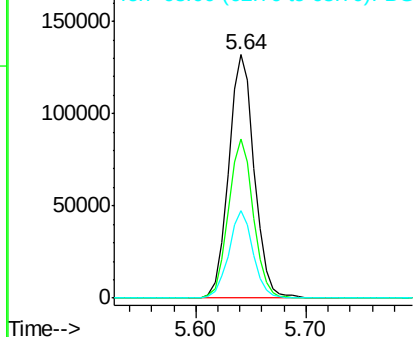
#5

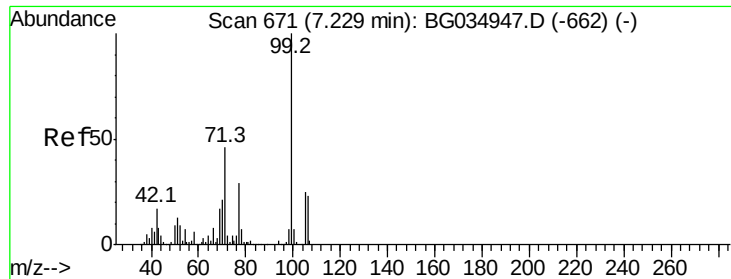
2-Fluorophenol
Concen: 111.298 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035526.D
Acq: 30 Jun 2018 4:30

Tgt Ion:112 Resp: 213831
Ion Ratio Lower Upper
112 100
64 65.5 56.3 84.5
63 35.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 117.658 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035526.D

Acq: 30 Jun 2018 4:30

Instrument :

BNA_G

ClientSampleId :

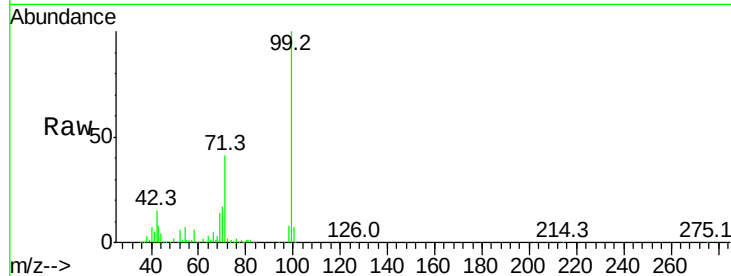
Tot Ion: 99 Resp: 333636

Ion Ratio Lower Upper

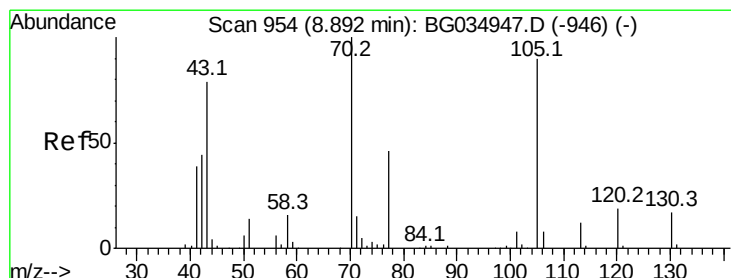
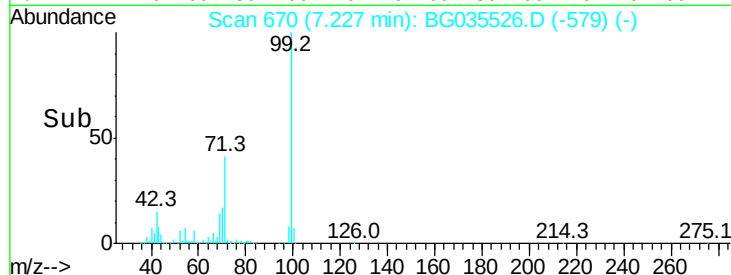
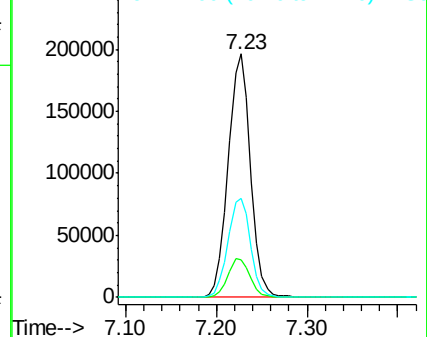
99 100

42 15.3 14.1 21.1

71 40.6 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: 12.533 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035526.D

Acq: 30 Jun 2018 4:30

Tgt Ion: 70 Resp: 30192

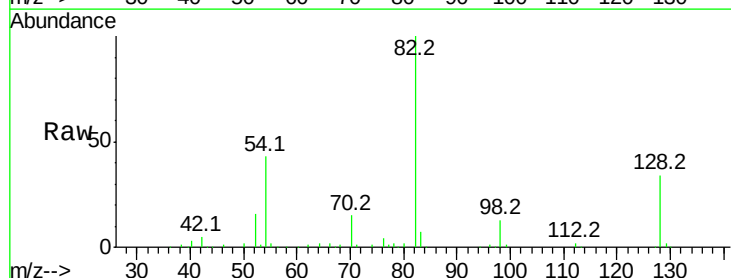
Ion Ratio Lower Upper

70 100

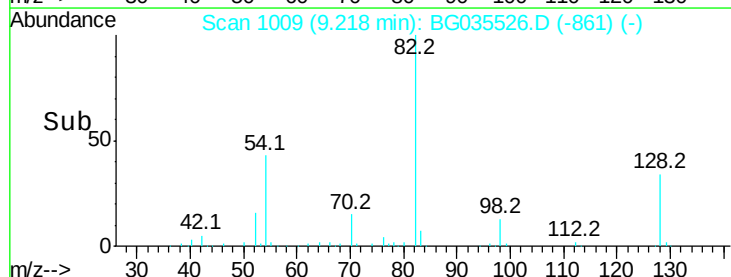
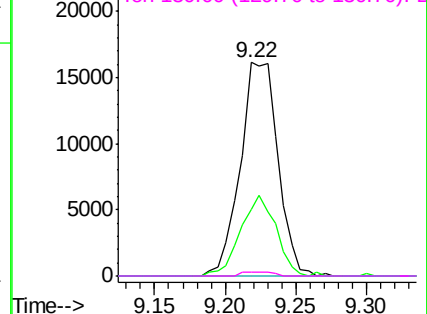
42 30.9 49.1 73.7#

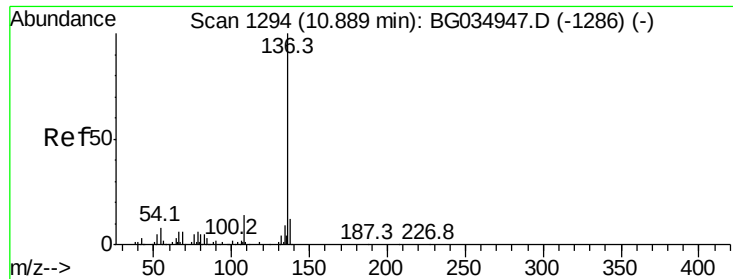
101 0.0 8.5 12.7#

130 1.9 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

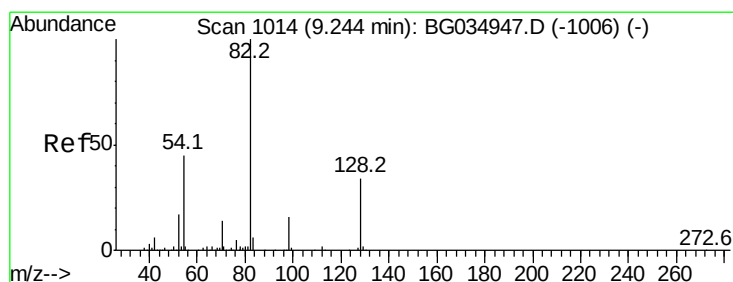
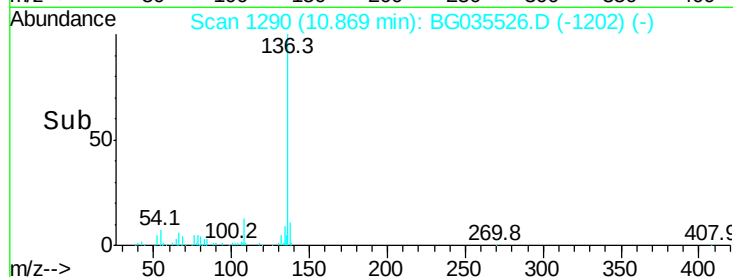
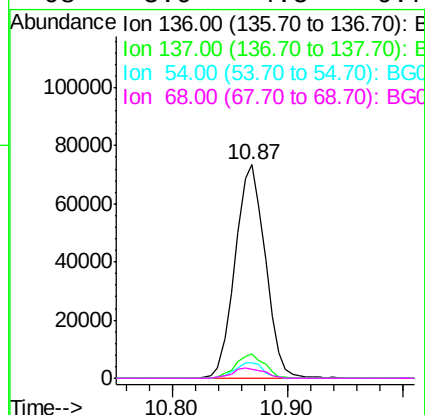
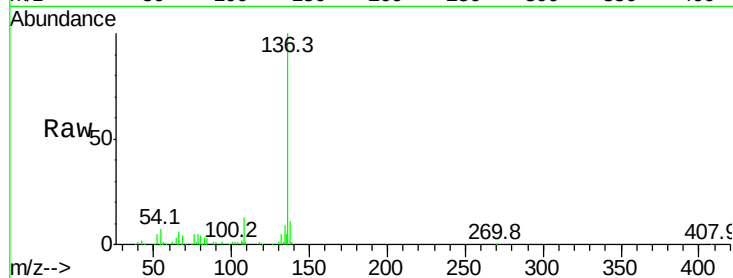




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035526.D
Acq: 30 Jun 2018 4:30

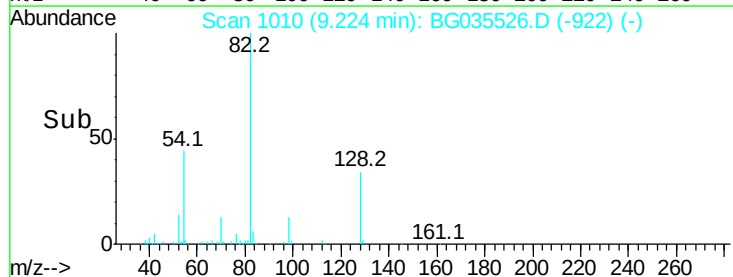
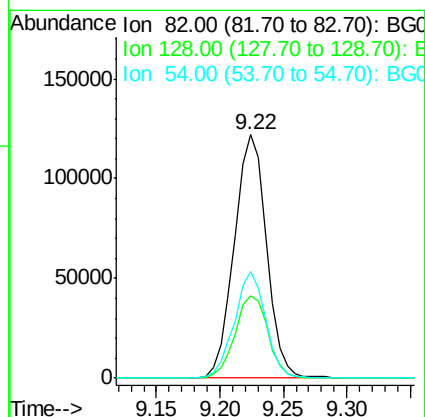
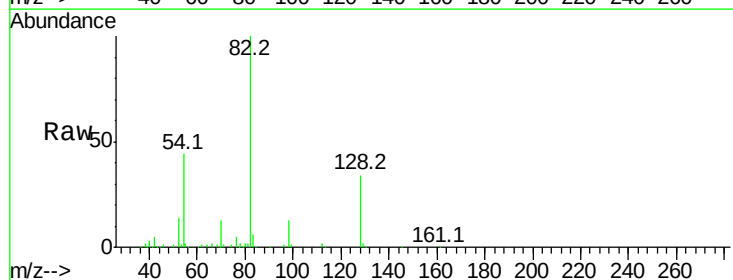
Instrument :
BNA_G
ClientSampleId :

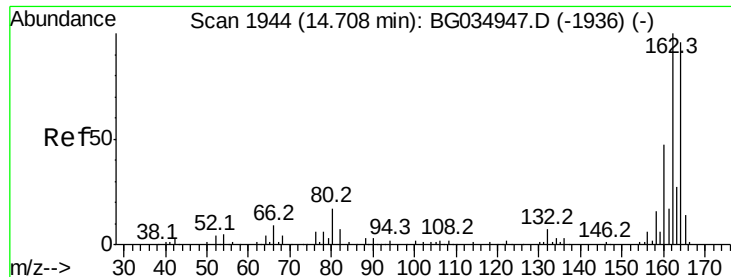
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.4	10.3	15.5#
68	3.9	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 76.719 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035526.D
Acq: 30 Jun 2018 4:30

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	43.8	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035526.D

Acq: 30 Jun 2018 4:30

Instrument :

BNA_G

ClientSampleId :

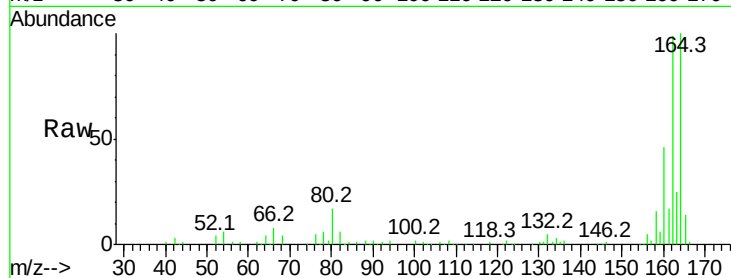
Tot Ion:164 Resp: 105529

Ion Ratio Lower Upper

164 100

162 99.2 78.8 118.2

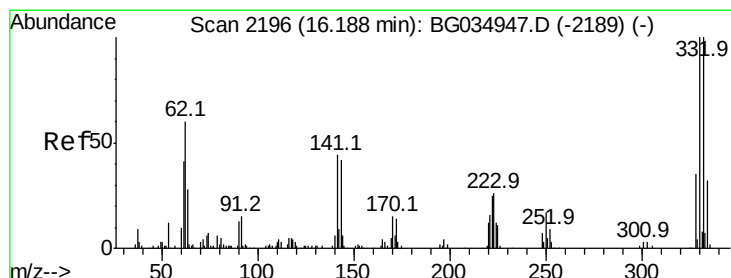
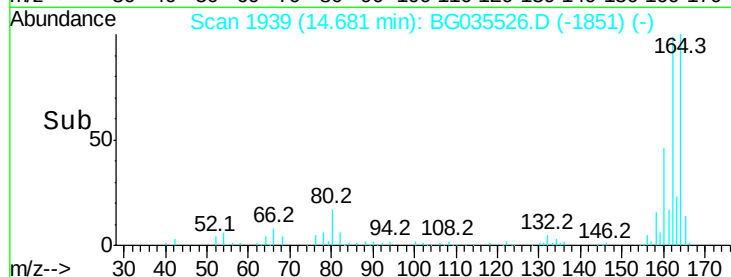
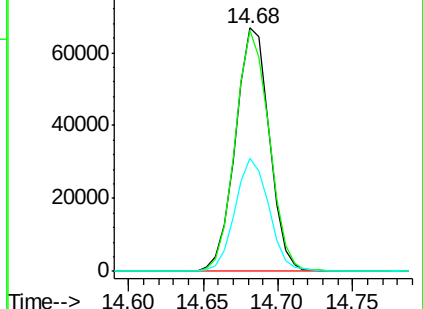
160 46.5 35.4 53.0



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: 127.985 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035526.D

Acq: 30 Jun 2018 4:30

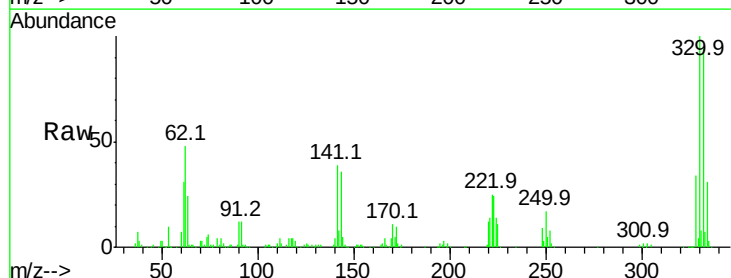
Tgt Ion:330 Resp: 172896

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

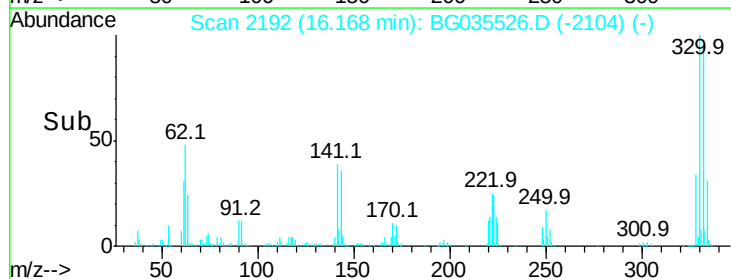
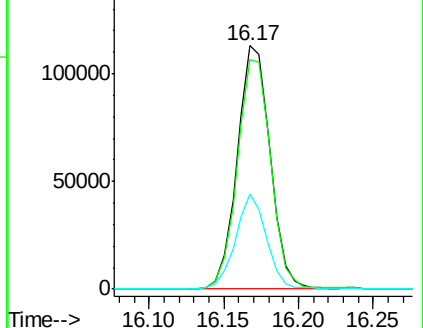
141 36.7 25.2 37.8

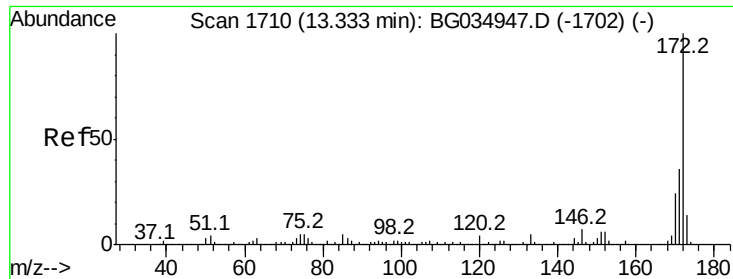


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

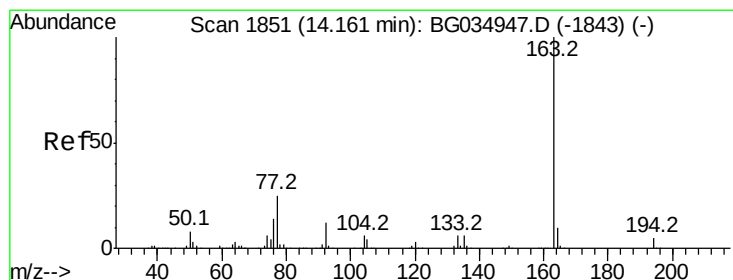
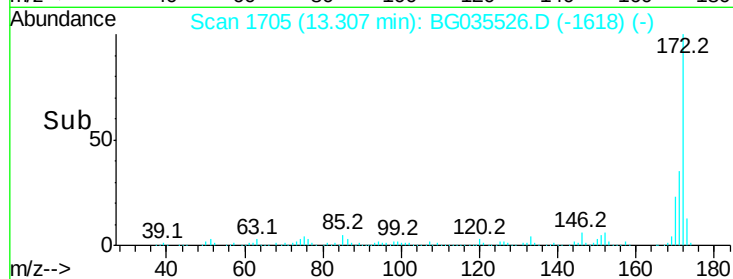
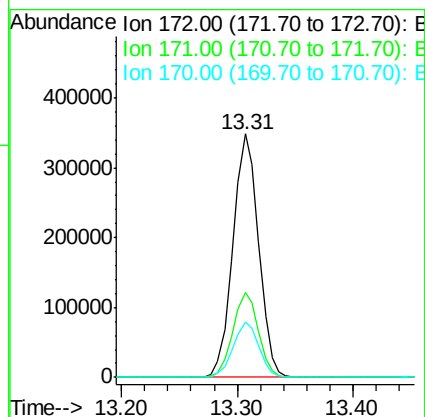
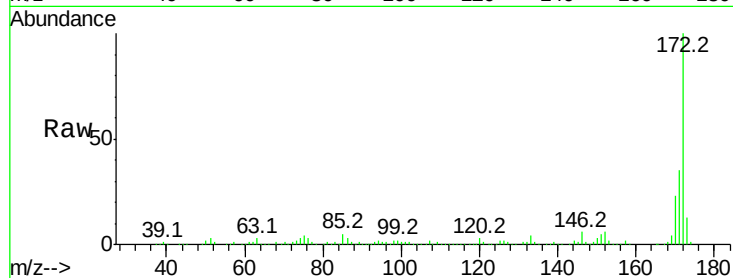




#44
2-Fluorobiphenyl
Concen: 66.077 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035526.D
Acq: 30 Jun 2018 4:30

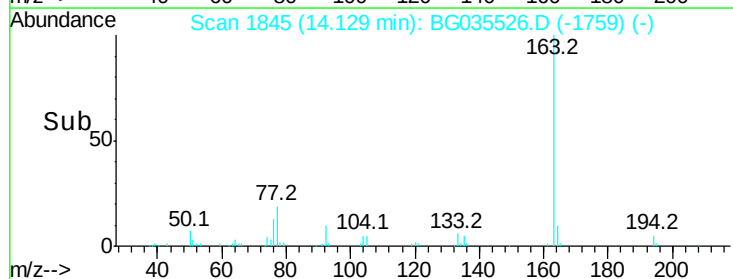
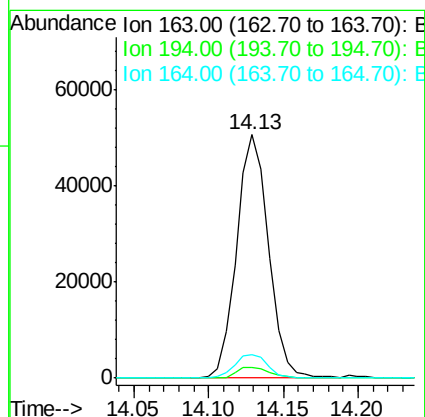
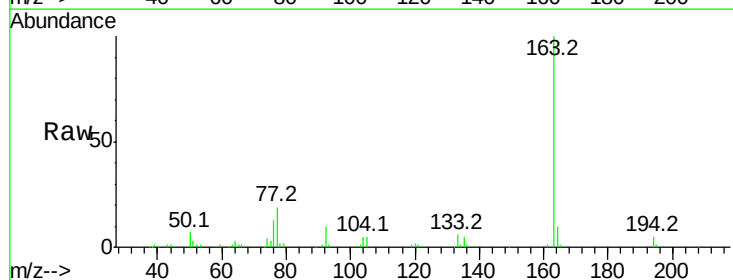
Instrument :
BNA_G
ClientSampleId :

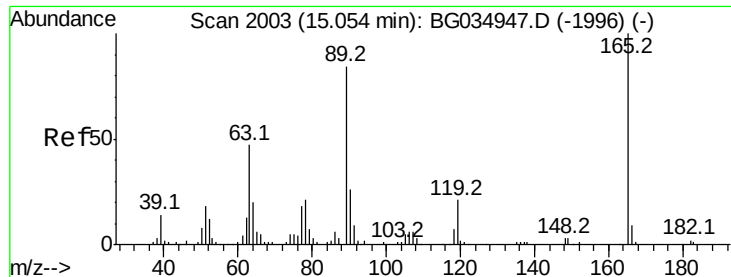
Tot Ion:172 Resp: 536389
Ion Ratio Lower Upper
172 100
171 34.6 30.0 45.0
170 23.0 19.5 29.3



#49
Dimethylphthalate
Concen: 8.188 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035526.D
Acq: 30 Jun 2018 4:30

Tgt Ion:163 Resp: 75349
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.7 8.2 12.4

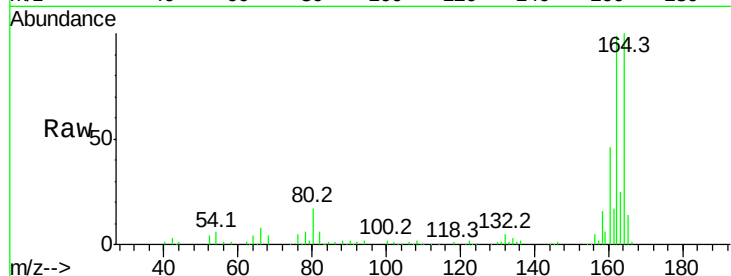




#56
 2,4-Dinitrotoluene
 Concen: 6.560 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035526.D
 Acq: 30 Jun 2018 4:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

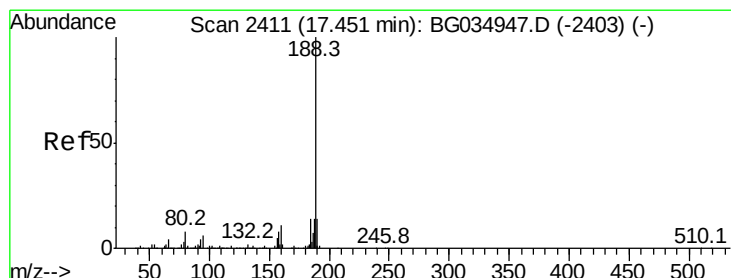
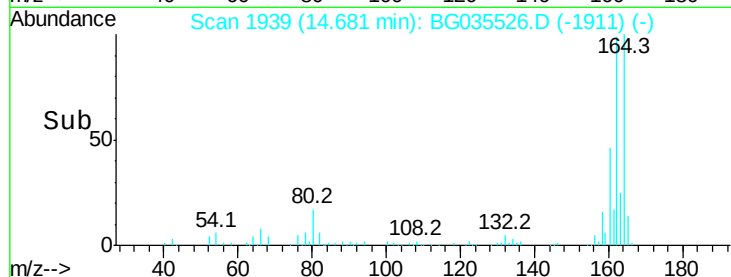
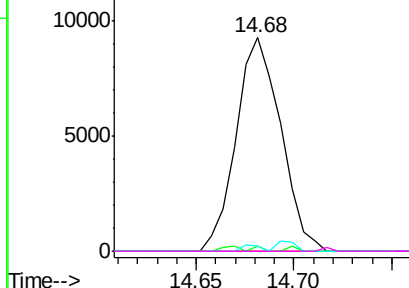


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

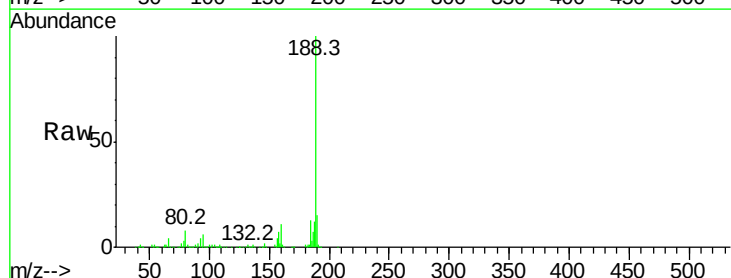
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035526.D
 Acq: 30 Jun 2018 4:30

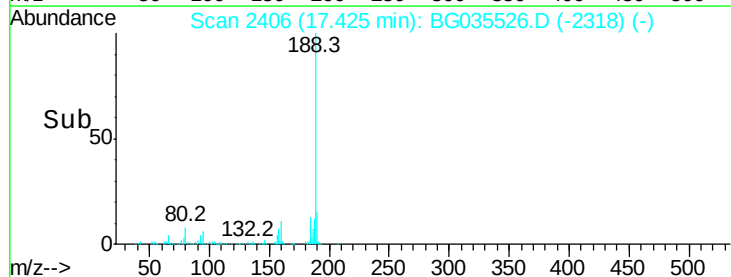
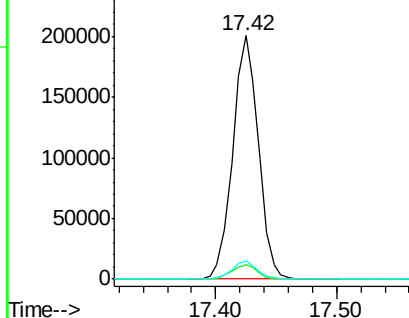
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.8	7.7	11.5

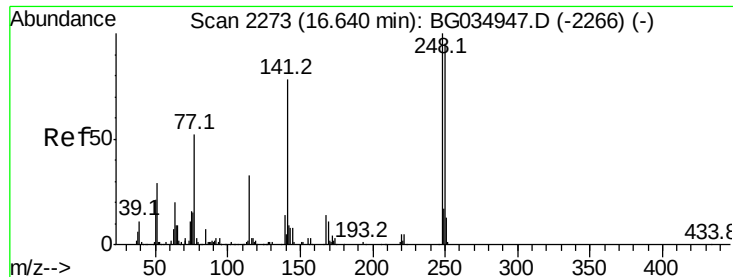


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

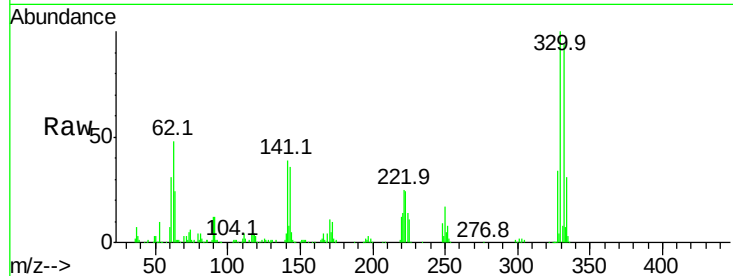




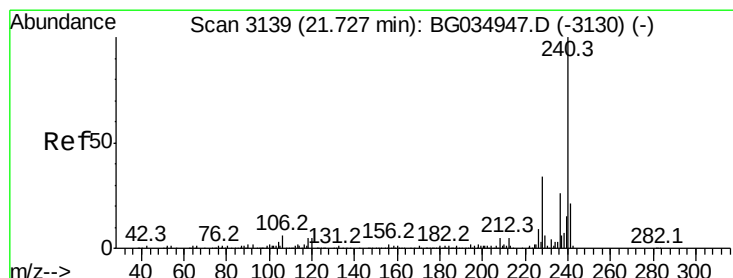
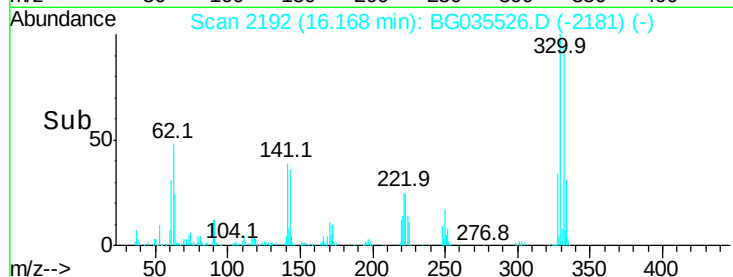
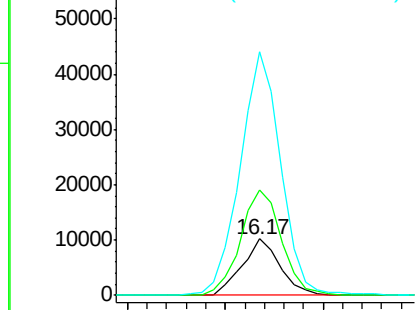
#66
4-Bromophenyl-phenylether
Concen: 3.837 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035526.D
Acq: 30 Jun 2018 4:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13708
Ion Ratio Lower Upper
248 100
250 187.1 77.1 115.7#
141 429.7 50.8 76.2#

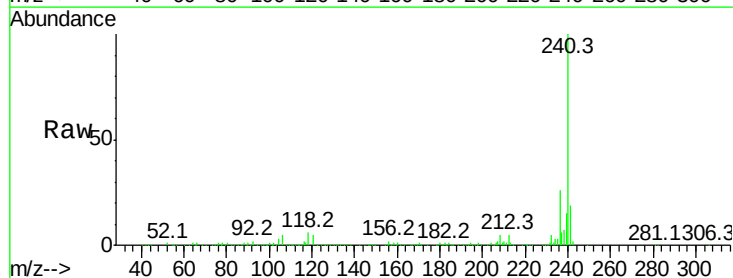


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

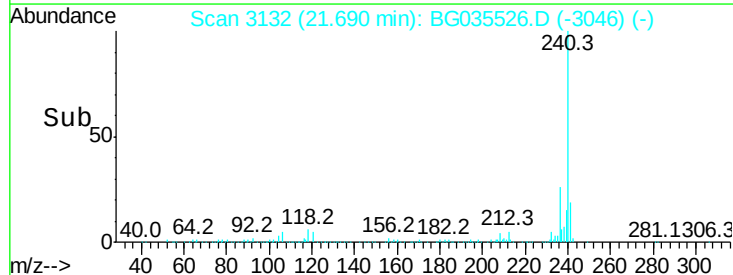
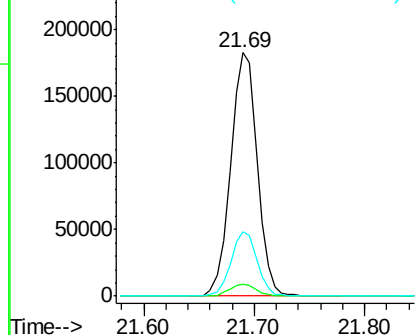


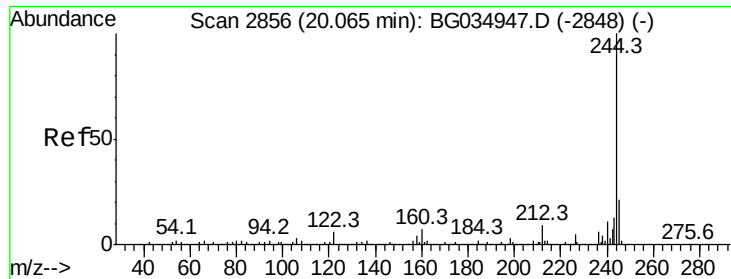
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035526.D
Acq: 30 Jun 2018 4:30

Tgt Ion:240 Resp: 308173
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 26.4 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: 68.380 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035526.D

Acq: 30 Jun 2018 4:30

Instrument :

BNA_G

ClientSampled :

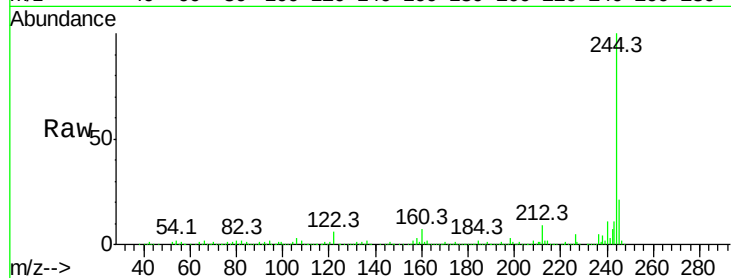
Tot Ion:244 Resp: 1006023

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

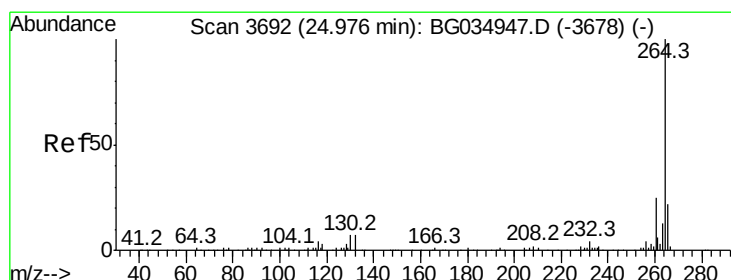
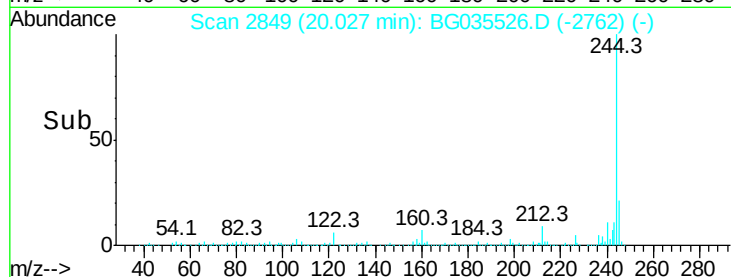
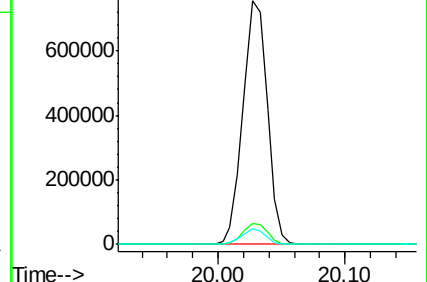
122 6.4 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035526.D

Acq: 30 Jun 2018 4:30

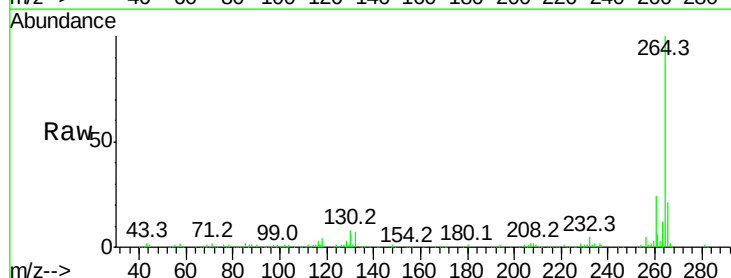
Tgt Ion:264 Resp: 295624

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.0 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

