

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035524.D
 Acq On : 30 Jun 2018 3:13
 Operator : JU/SJ
 Sample : J3774-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:55:33 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

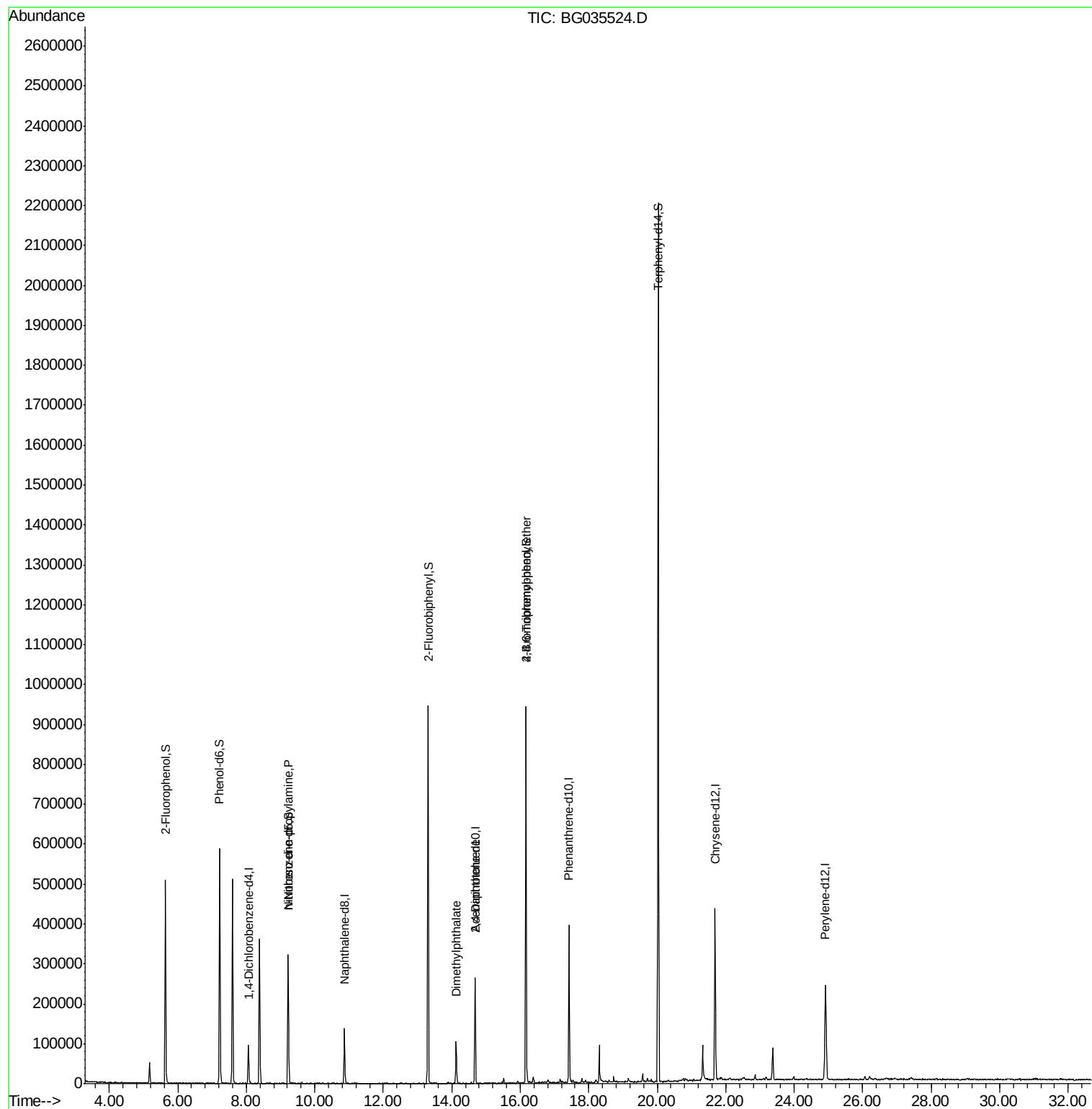
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28673	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	112276	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	92086	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	258484	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	277511	20.00	ng	-0.02
86) Perylene-d12	24.91	264	265334	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	223828	131.74	ng	0.00
7) Phenol-d6	7.22	99	352516	140.58	ng	0.00
23) Nitrobenzene-d5	9.22	82	219760	93.04	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	181572	154.03	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	529299	74.72	ng	-0.02
78) Terphenyl-d14	20.03	244	1048248	79.12	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	30241	14.195	ng	# 66
49) Dimethylphthalate	14.13	163	72765	9.061	ng	# 96
56) 2,4-Dinitrotoluene	14.68	165	12428	6.386	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	13494	4.335	ng	# 1

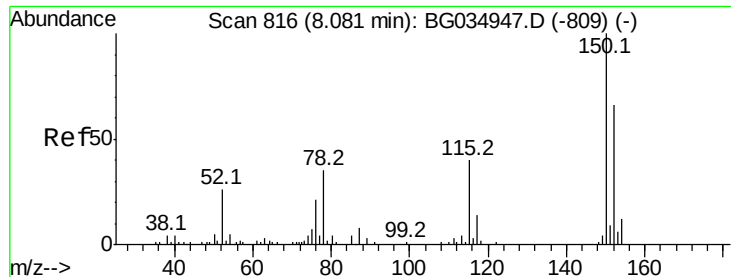
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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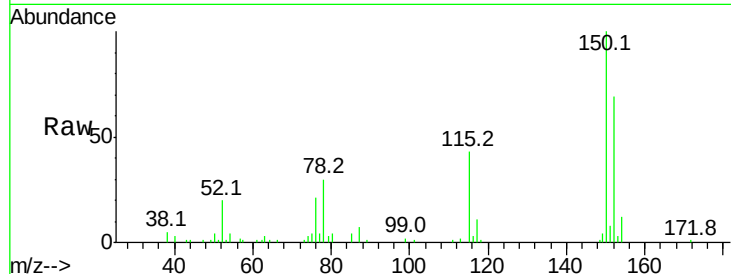


#1

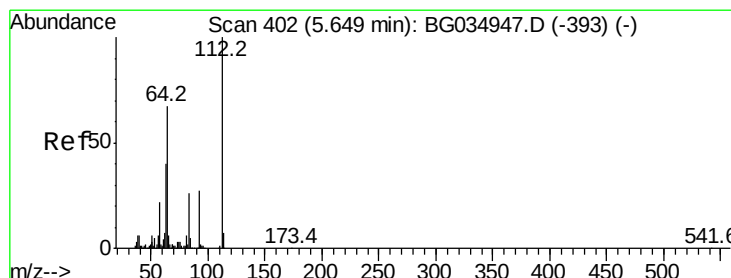
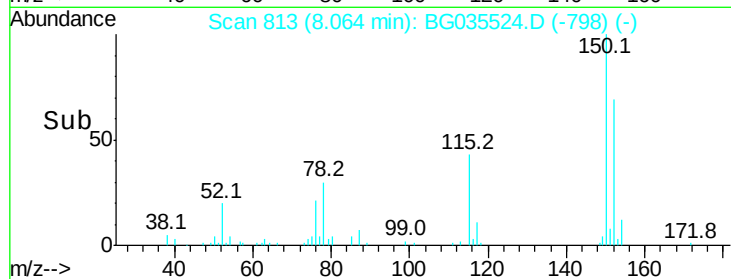
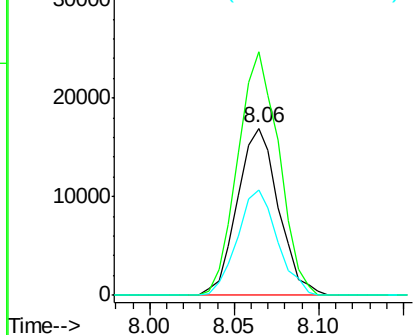
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035524.D
Acq: 30 Jun 2018 3:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28673
Ion Ratio Lower Upper
152 100
150 145.5 126.6 189.8
115 63.0 53.0 79.4



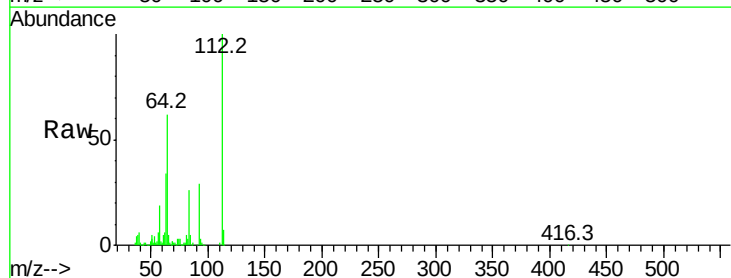
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



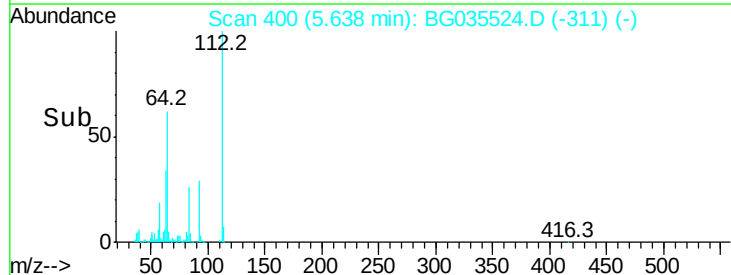
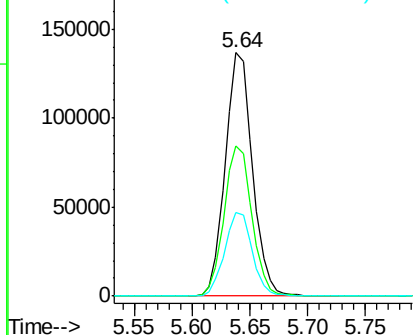
#5

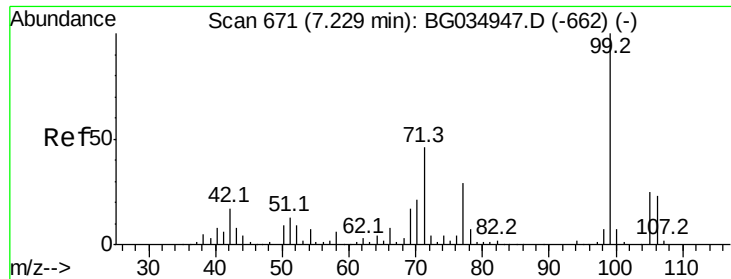
2-Fluorophenol
Concen: 131.739 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035524.D
Acq: 30 Jun 2018 3:13

Tgt Ion:112 Resp: 223828
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 34.3 30.1 45.1



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





#7

Phenol-d6

Concen: 140.575 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035524.D

Acq: 30 Jun 2018 3:13

Instrument :

BNA_G

ClientSampled :

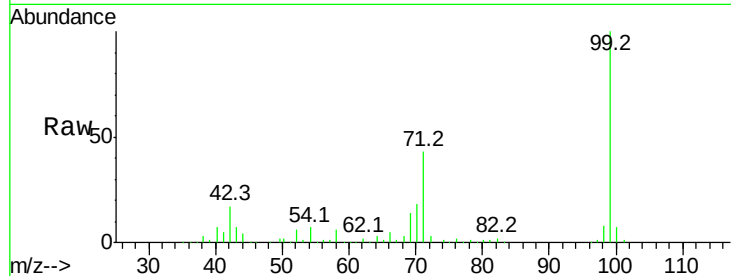
Tot Ion: 99 Resp: 352516

Ion Ratio Lower Upper

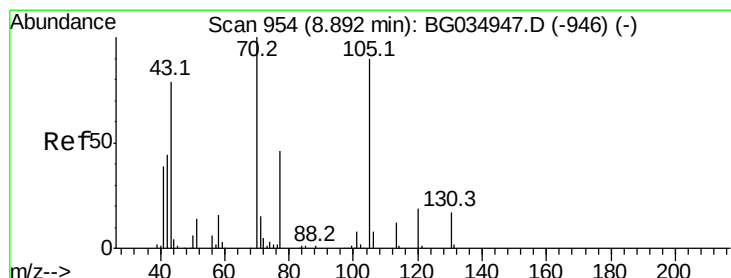
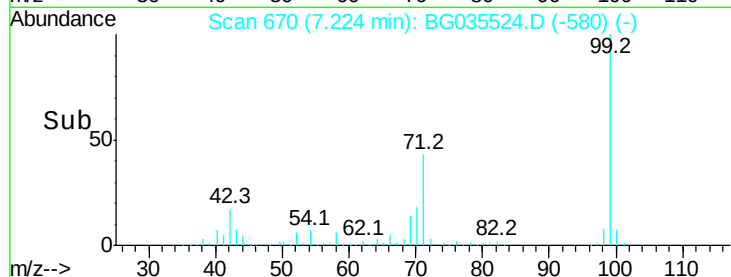
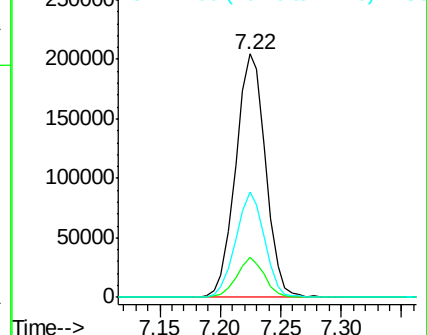
99 100

42 16.6 14.1 21.1

71 43.0 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: 14.195 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035524.D

Acq: 30 Jun 2018 3:13

Tgt Ion: 70 Resp: 30241

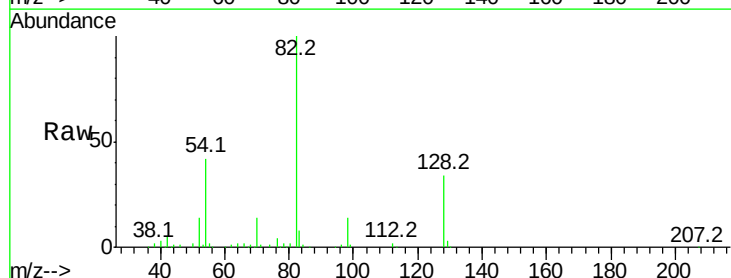
Ion Ratio Lower Upper

70 100

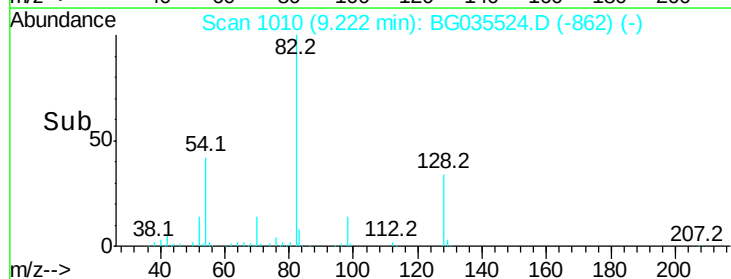
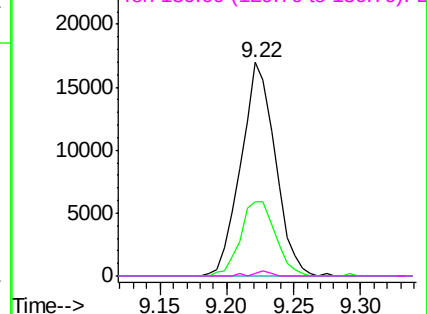
42 34.6 49.1 73.7#

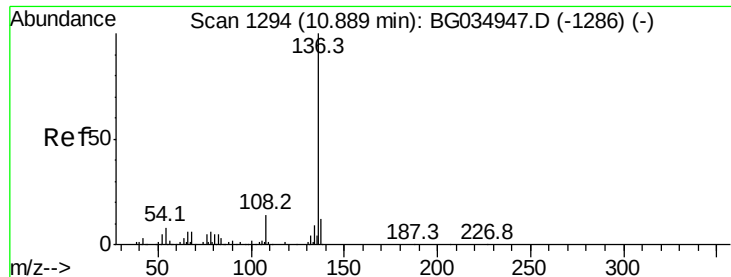
101 0.0 8.5 12.7#

130 1.2 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

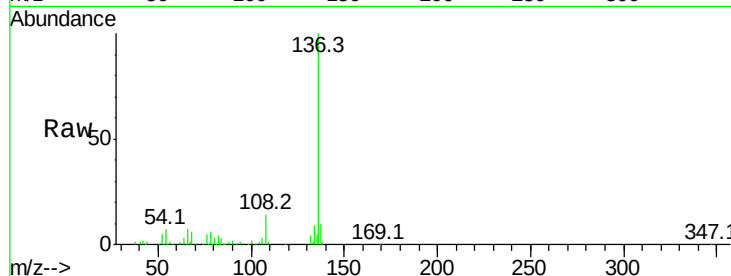




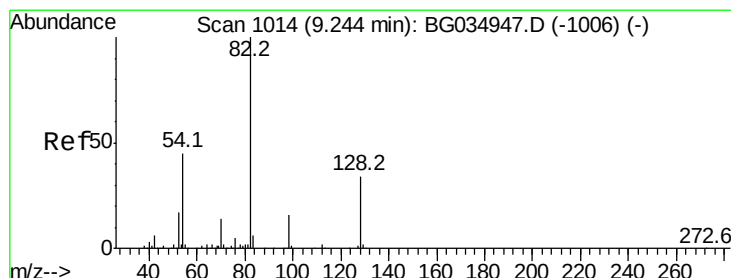
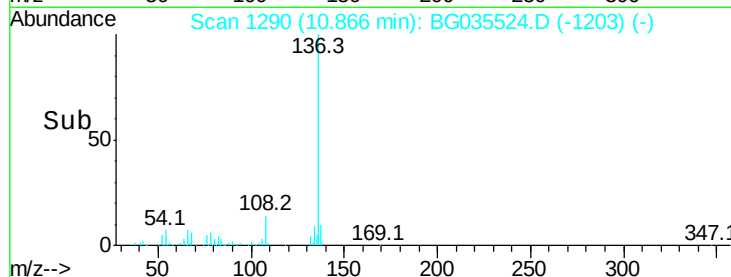
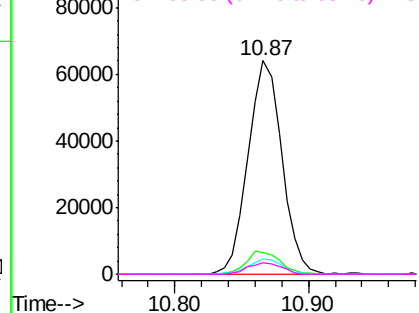
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035524.D
Acq: 30 Jun 2018 3:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	112276
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.1	10.3	15.5#
68	5.6	4.5	6.7

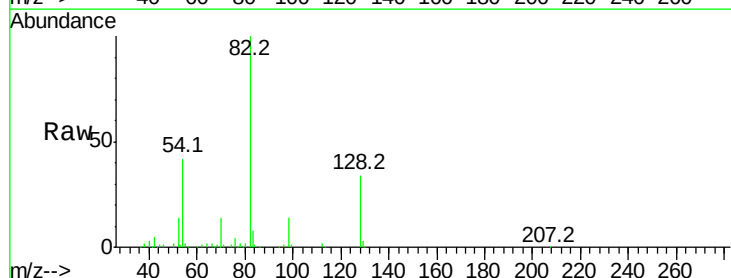


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

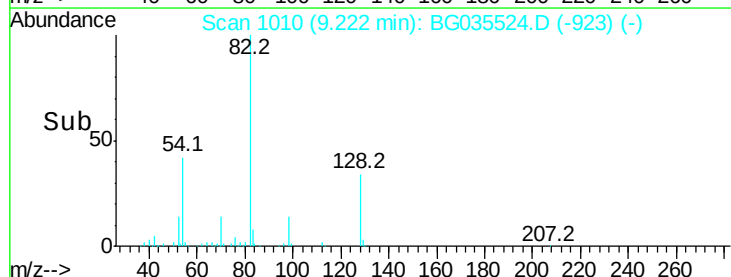
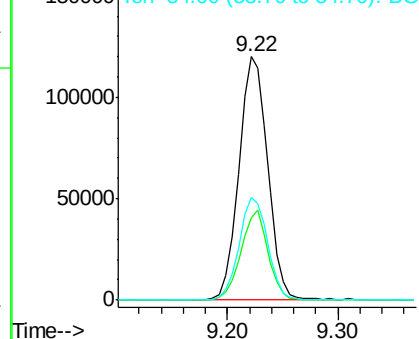


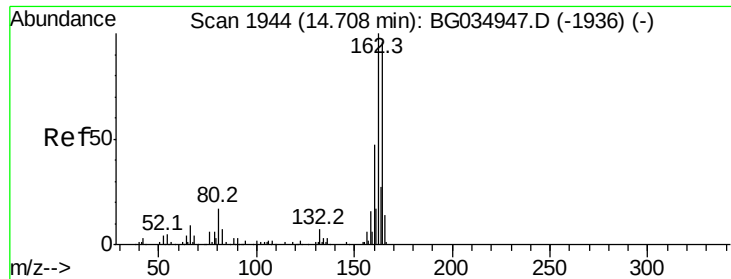
#23
Nitrobenzene-d5
Concen: 93.040 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035524.D
Acq: 30 Jun 2018 3:13

Tgt Ion:	82	Resp:	219760
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	42.0	43.1	64.7#



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

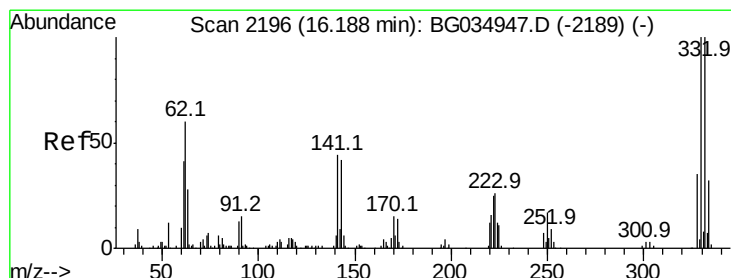
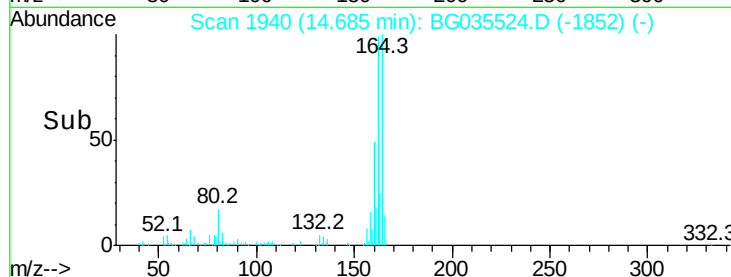
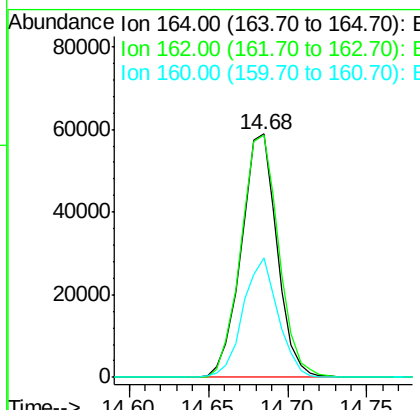
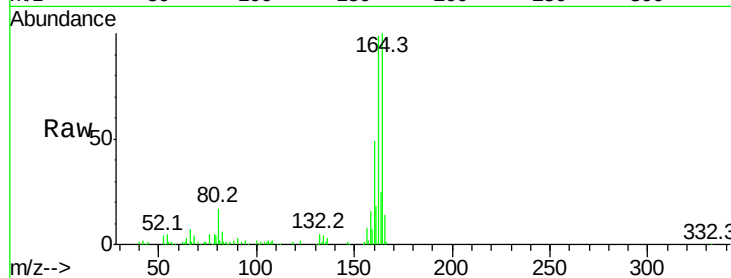




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035524.D
 Acq: 30 Jun 2018 3:13

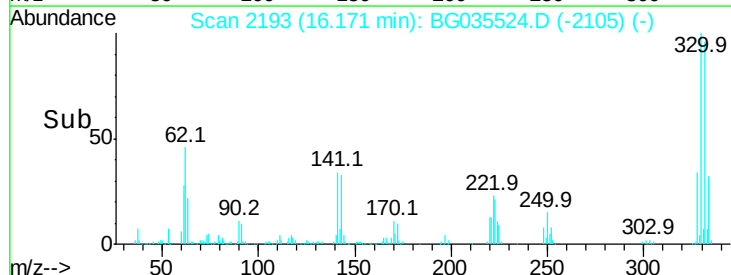
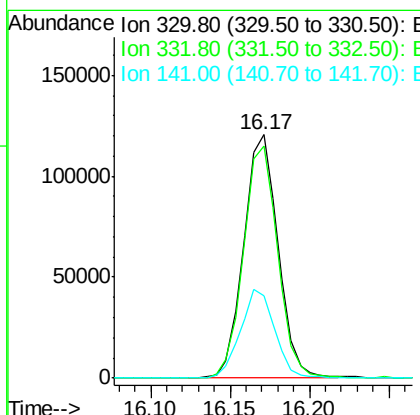
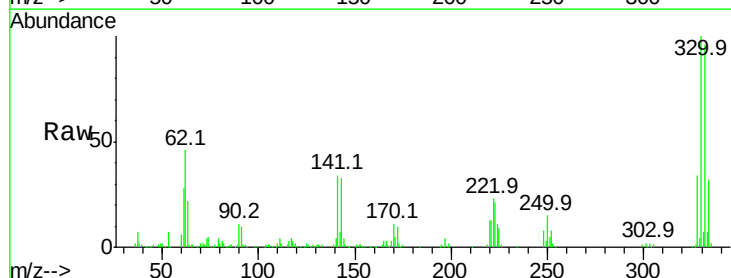
Instrument :
 BNA_G
 ClientSampleId :

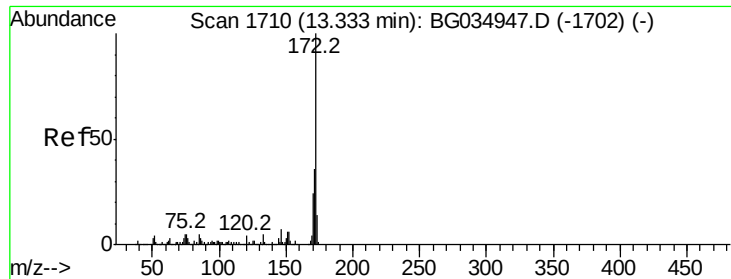
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	49.1	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 154.029 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035524.D
 Acq: 30 Jun 2018 3:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	36.3	25.2	37.8





#44

2-Fluorobiphenyl

Concen: 74.722 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BG035524.D

Acq: 30 Jun 2018 3:13

Instrument :

BNA_G

ClientSampleId :

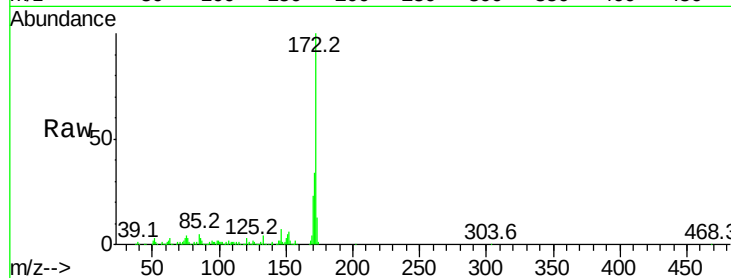
Tot Ion:172 Resp: 529299

Ion Ratio Lower Upper

172 100

171 33.8 30.0 45.0

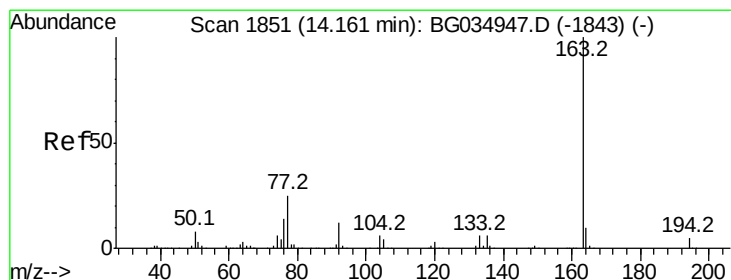
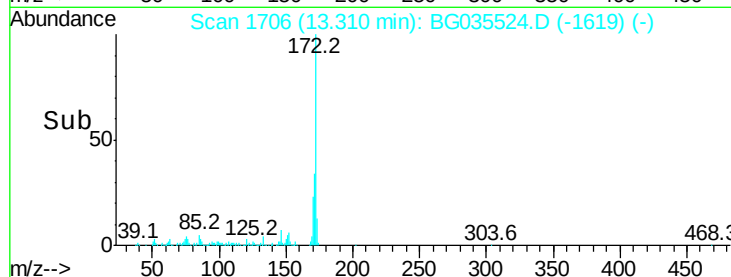
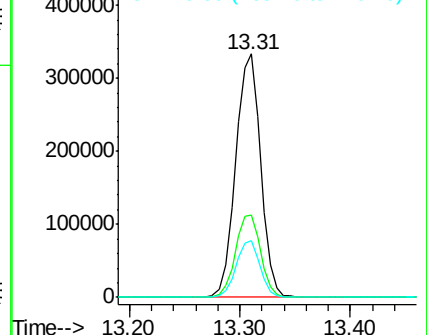
170 23.4 19.5 29.3



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



#49

Dimethylphthalate

Concen: 9.061 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035524.D

Acq: 30 Jun 2018 3:13

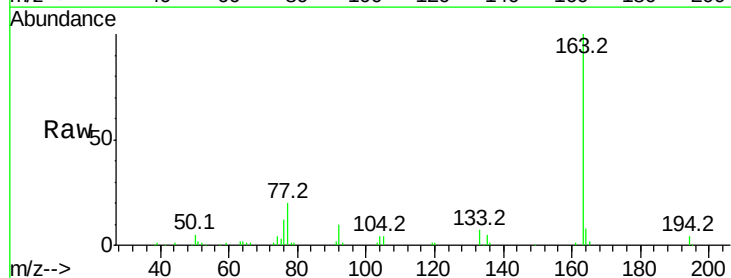
Tgt Ion:163 Resp: 72765

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

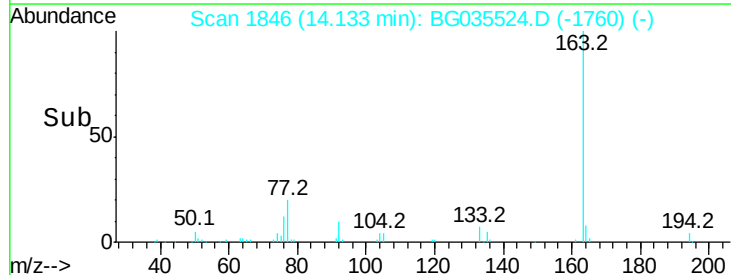
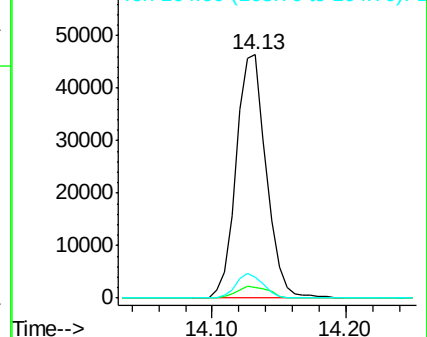
164 8.3 8.2 12.4

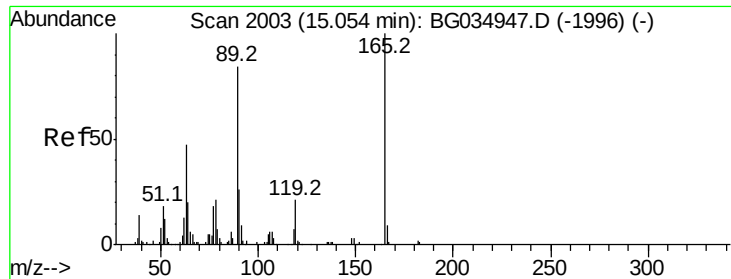


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

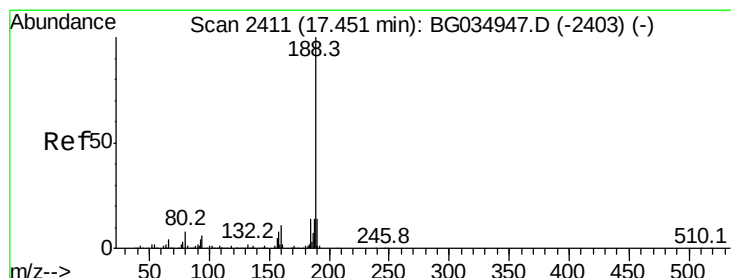
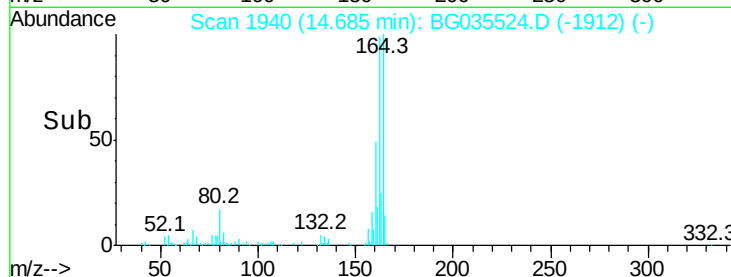
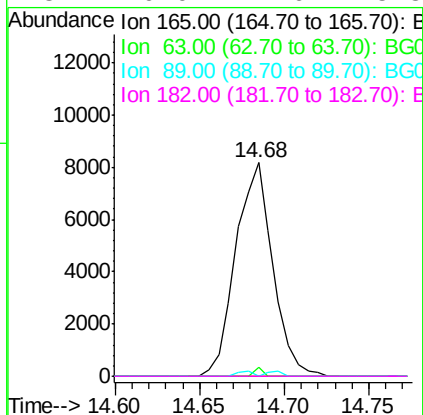
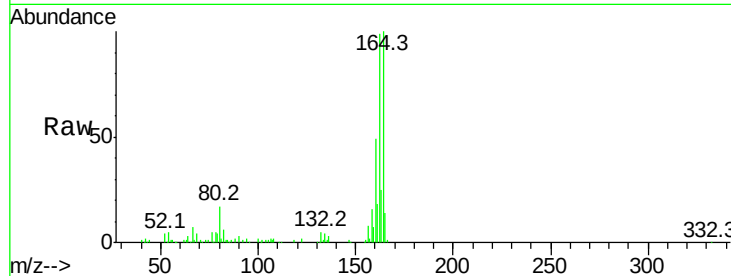




#56
 2,4-Dinitrotoluene
 Concen: 6.386 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035524.D
 Acq: 30 Jun 2018 3:13

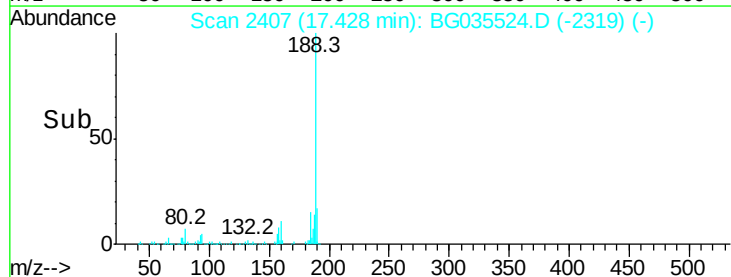
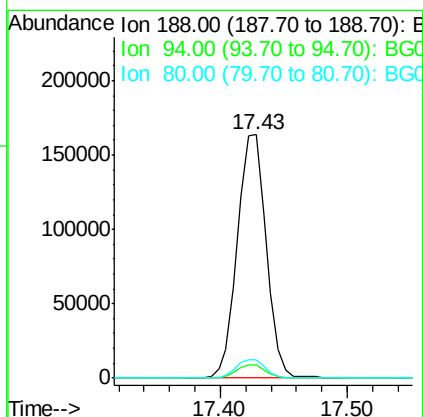
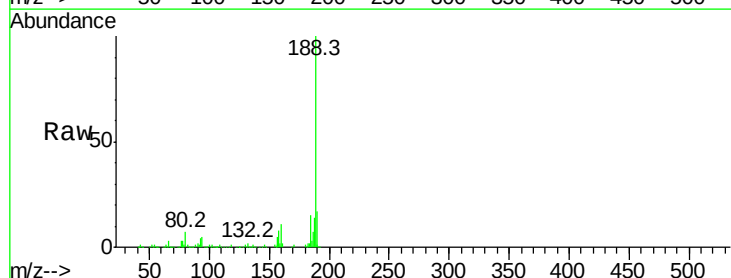
Instrument :
 BNA_G
 ClientSampleId :

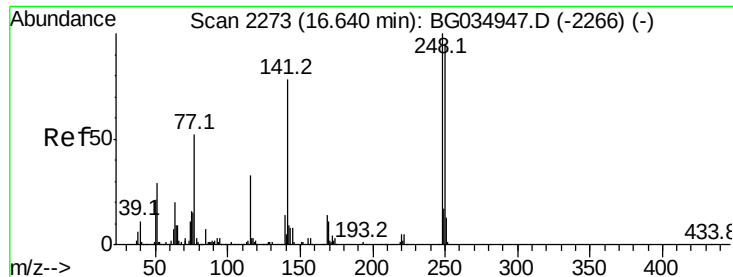
Tot Ion:165 Resp: 12428
 Ion Ratio Lower Upper
 165 100
 63 4.1 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035524.D
 Acq: 30 Jun 2018 3:13

Tgt Ion:188 Resp: 258484
 Ion Ratio Lower Upper
 188 100
 94 5.3 6.9 10.3#
 80 7.4 7.7 11.5#

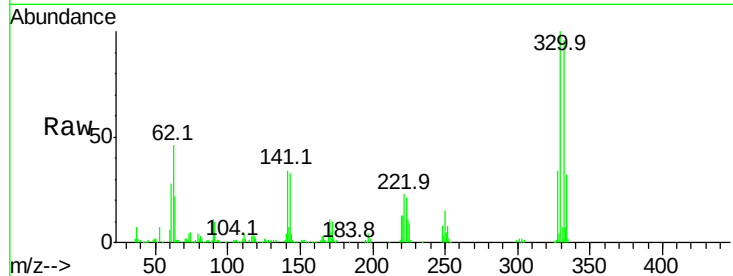




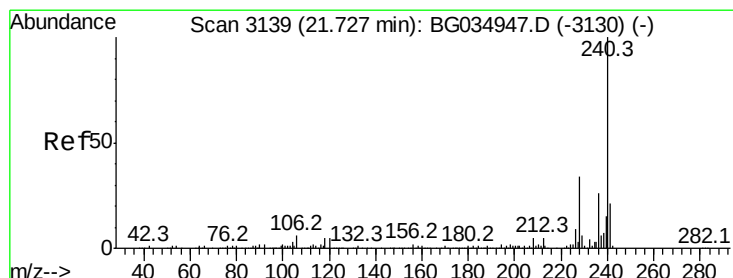
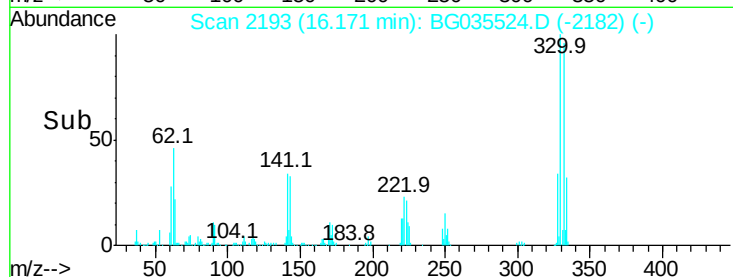
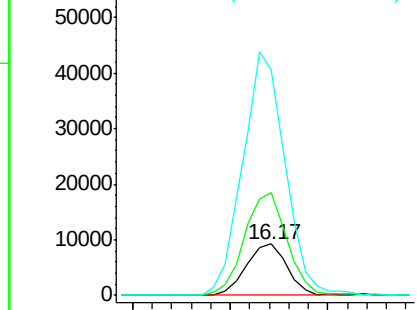
#66
4-Bromophenyl-phenylether
Concen: 4.335 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035524.D
Acq: 30 Jun 2018 3:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 13494
Ion Ratio Lower Upper
248 100
250 198.9 77.1 115.7#
141 437.3 50.8 76.2#

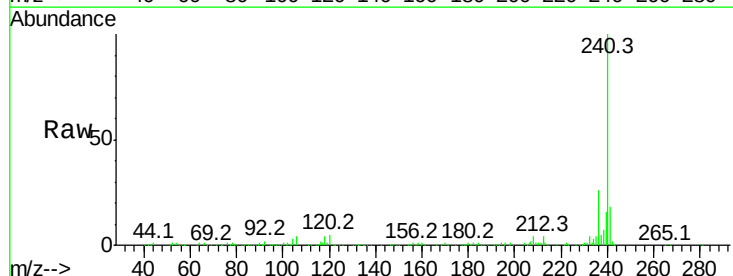


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

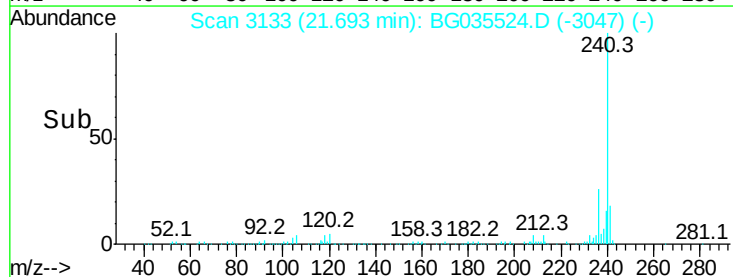
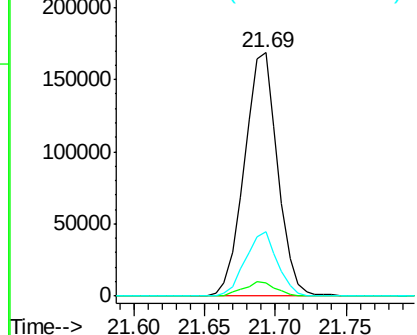


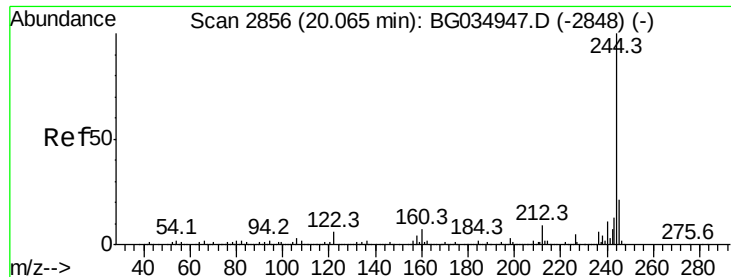
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035524.D
Acq: 30 Jun 2018 3:13

Tgt Ion:240 Resp: 277511
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 26.5 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: 79.123 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035524.D

Acq: 30 Jun 2018 3:13

Instrument :

BNA_G

ClientSampled :

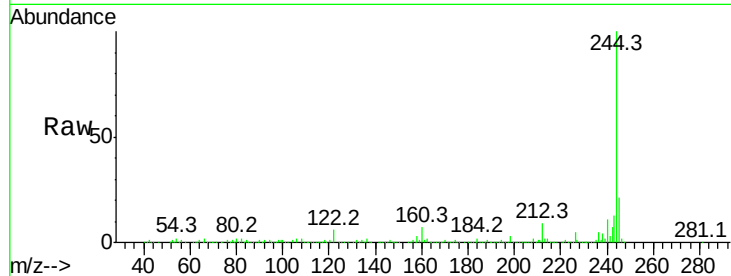
Tot Ion:244 Resp: 1048248

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

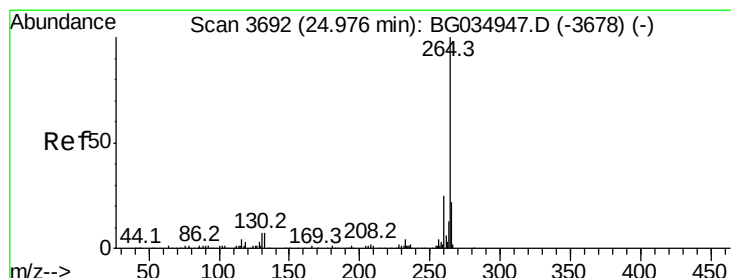
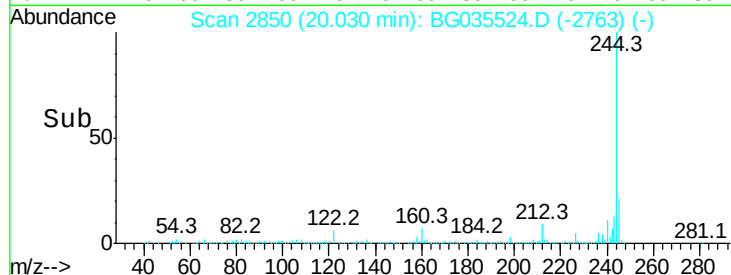
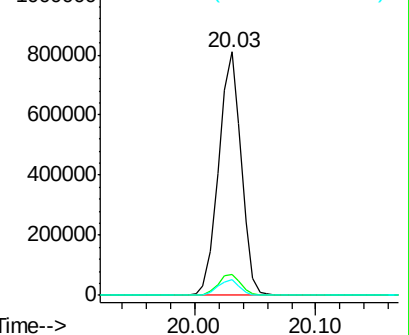
122 6.4 7.0 10.4#



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: BG035524.D

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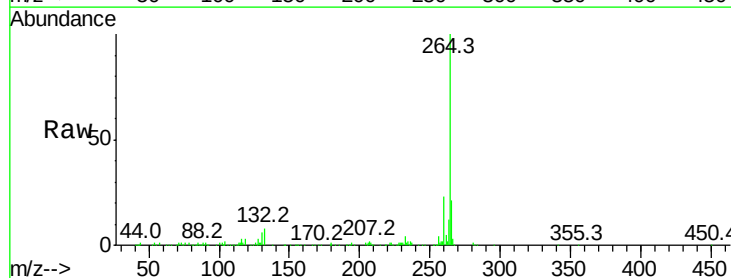
Tgt Ion:264 Resp: 265334

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.5 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

