

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035572.D
 Acq On : 3 Jul 2018 5:24
 Operator : JU/SJ
 Sample : J3799-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 06:43:55 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

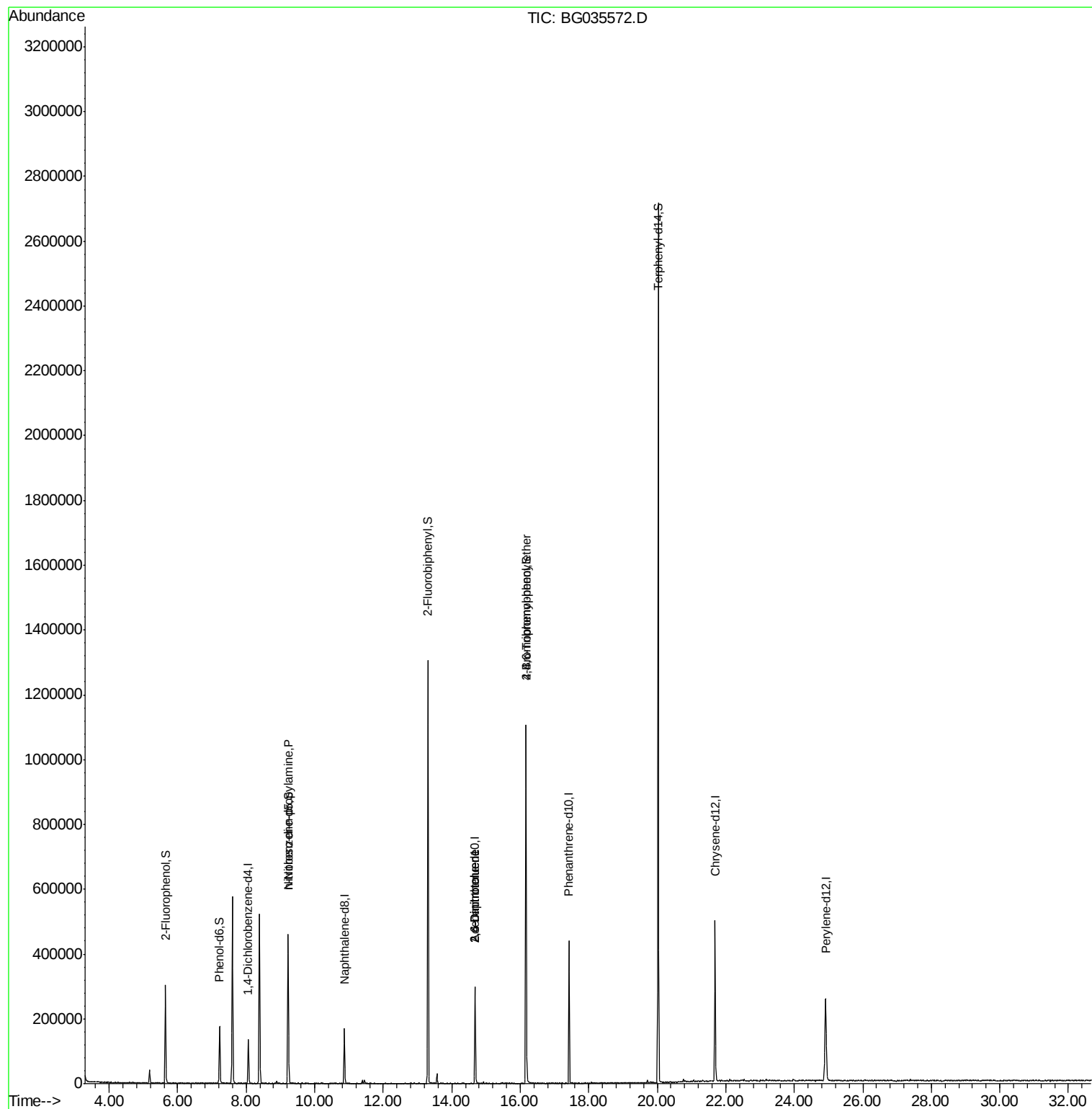
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	38965	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	142052	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	100998	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	270565	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	307319	20.00	ng	-0.03
86) Perylene-d12	24.91	264	289520	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	127823	55.36	ng	0.00
7) Phenol-d6	7.23	99	111456	32.71	ng	0.00
23) Nitrobenzene-d5	9.22	82	303697	101.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	206207	159.49	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	700917	90.22	ng	-0.02
78) Terphenyl-d14	20.03	244	1337579	91.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42213	14.580	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	13599	8.464	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	13599	6.371	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	16655	5.112	ng	# 1

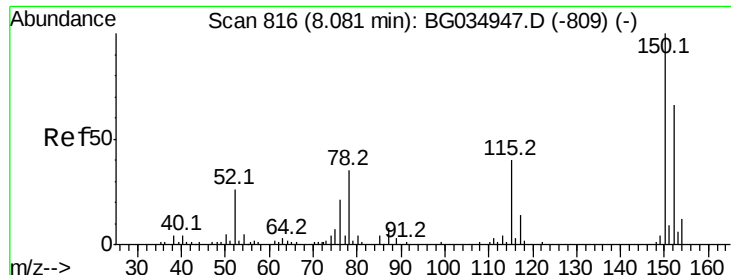
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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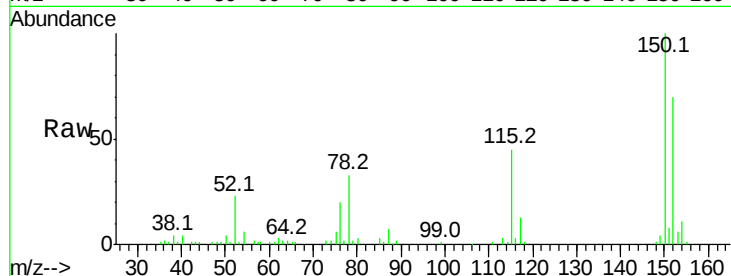


#1

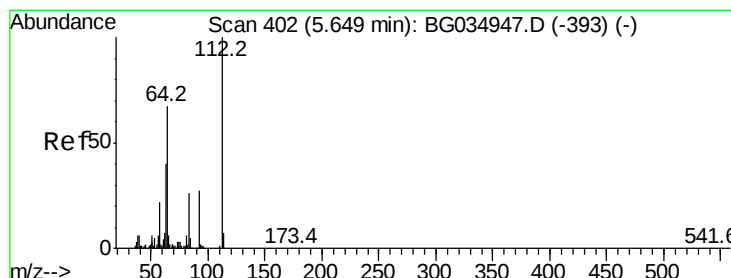
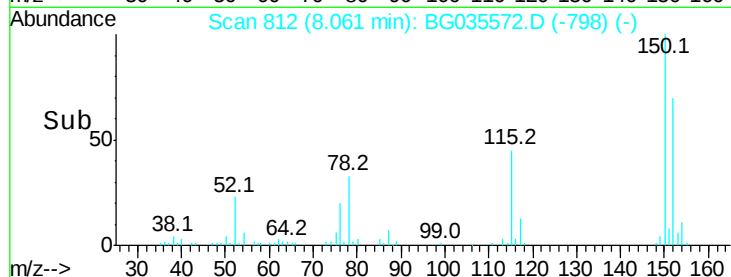
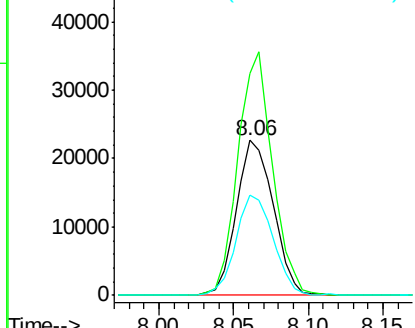
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.2	126.6	189.8
115	64.5	53.0	79.4



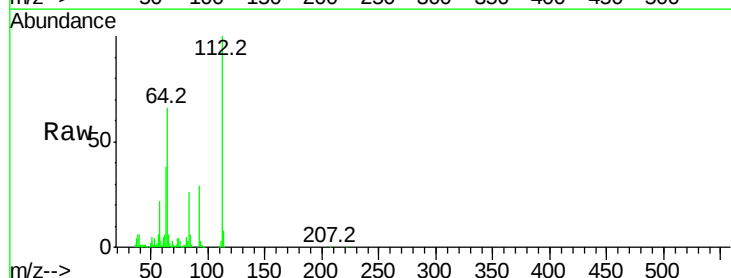
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



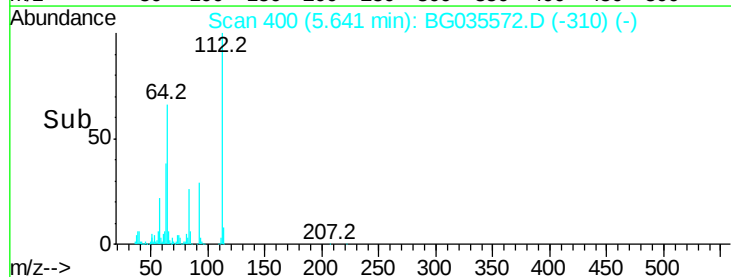
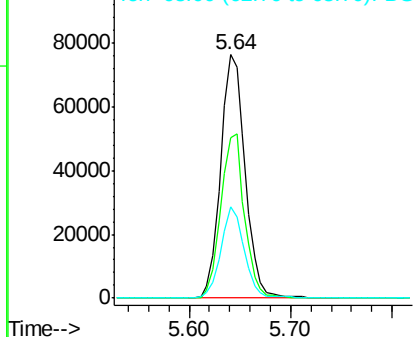
#5

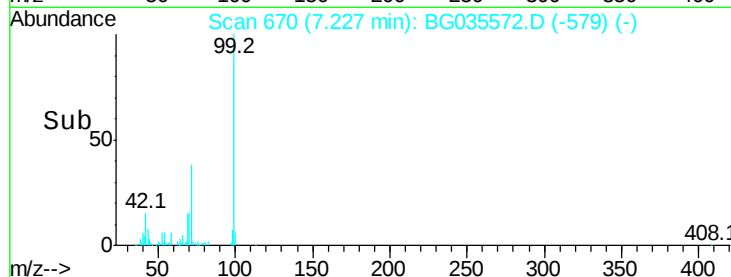
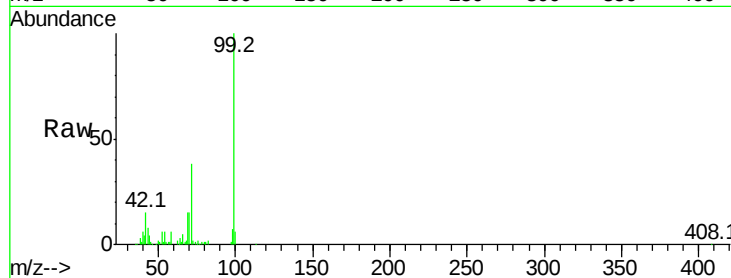
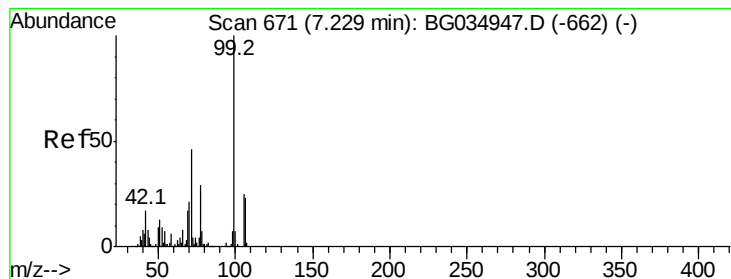
2-Fluorophenol
Concen: 55.361 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.3	84.5
63	37.8	30.1	45.1



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





#7

Phenol-d6

Concen: 32.706 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035572.D

Acq: 3 Jul 2018 5:24

Instrument :

BNA_G

ClientSampleId :

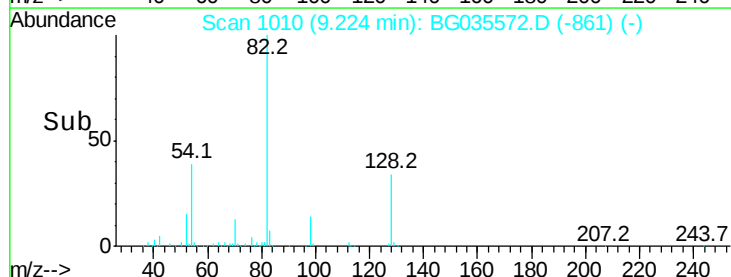
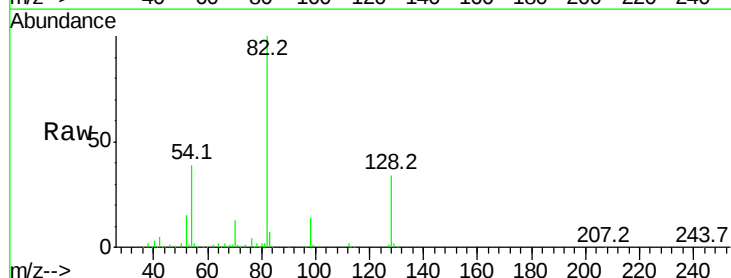
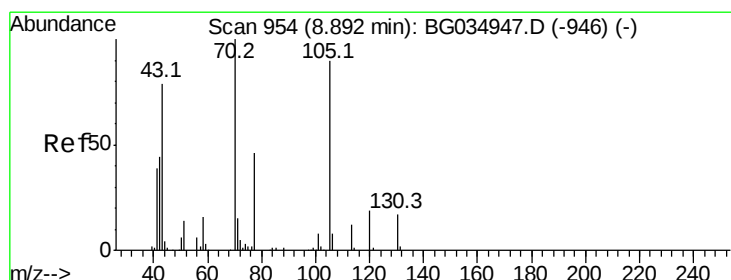
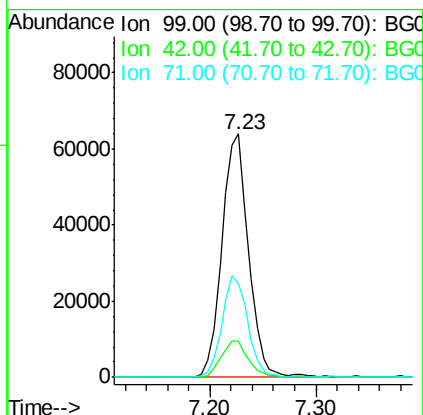
Tot Ion: 99 Resp: 111456

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 38.4 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.580 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035572.D

Acq: 3 Jul 2018 5:24

Tgt Ion: 70 Resp: 42213

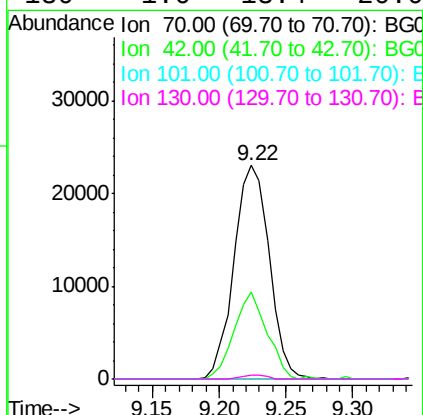
Ion Ratio Lower Upper

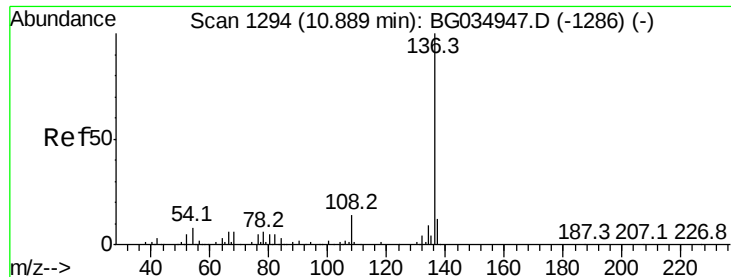
70 100

42 41.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

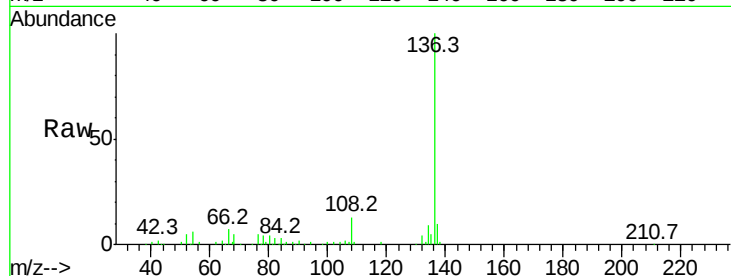




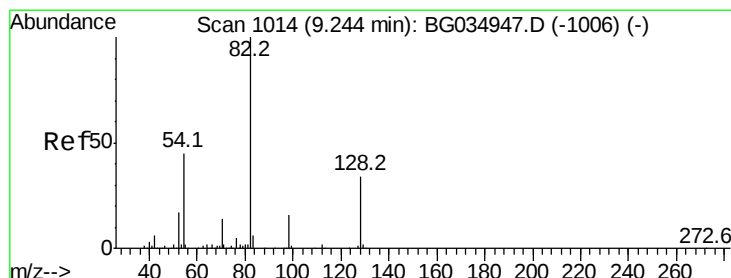
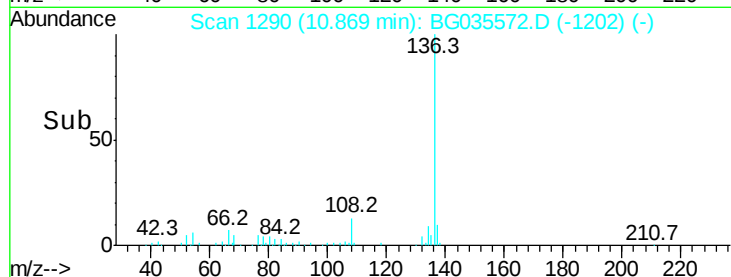
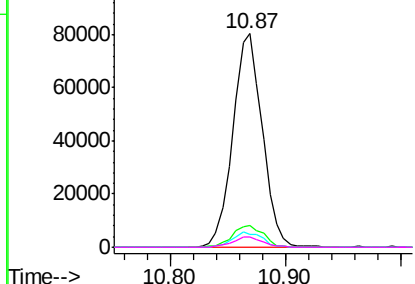
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	142052
Ion Ratio	Lower	Upper	
136	100		
137	10.0	9.2	13.8
54	6.1	10.3	15.5#
68	4.6	4.5	6.7

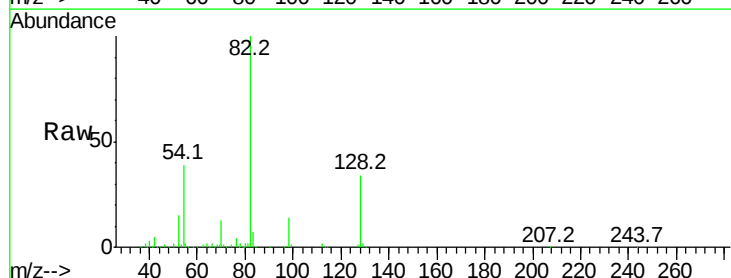


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

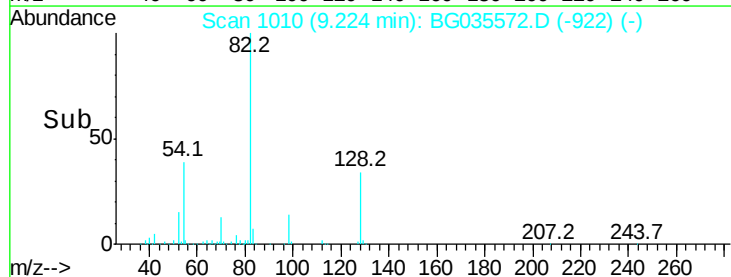
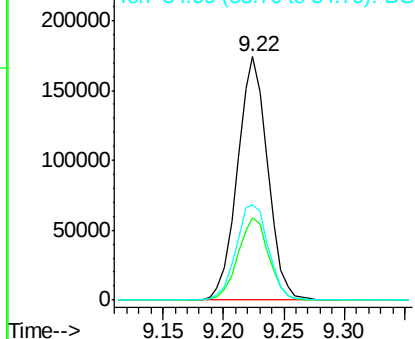


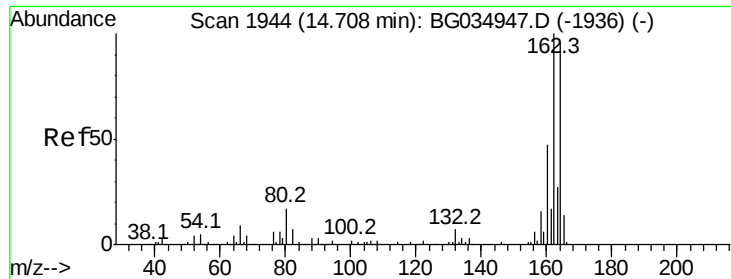
#23
Nitrobenzene-d5
Concen: 101.625 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Tgt Ion:	82	Resp:	303697
Ion Ratio	Lower	Upper	
82	100		
128	33.9	29.7	44.5
54	39.1	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

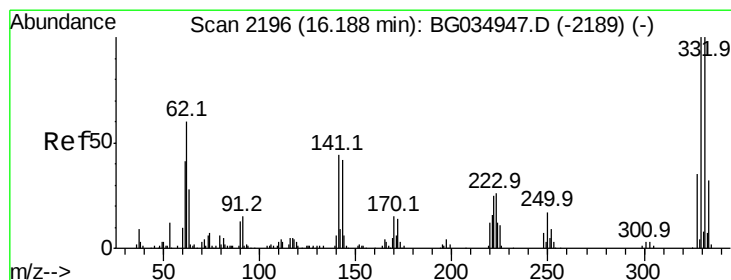
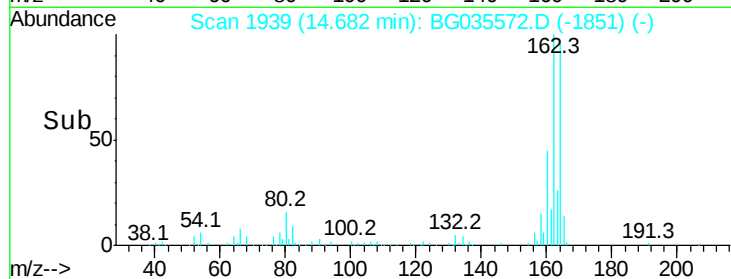
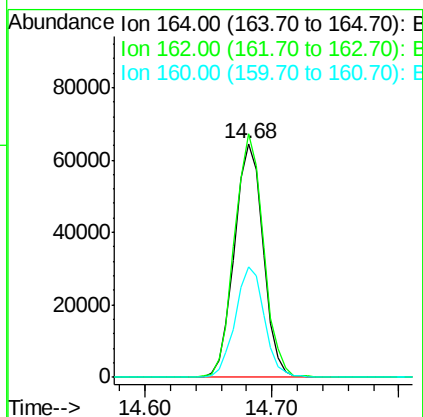
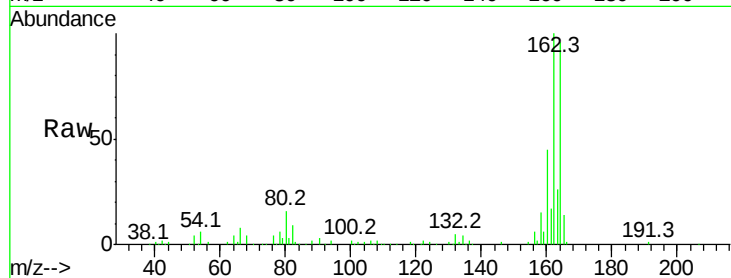




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

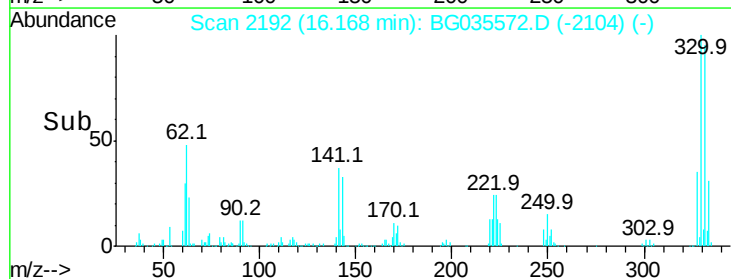
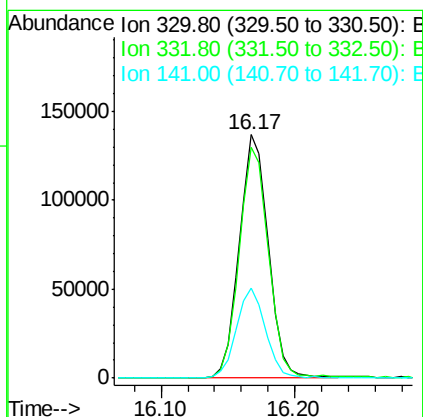
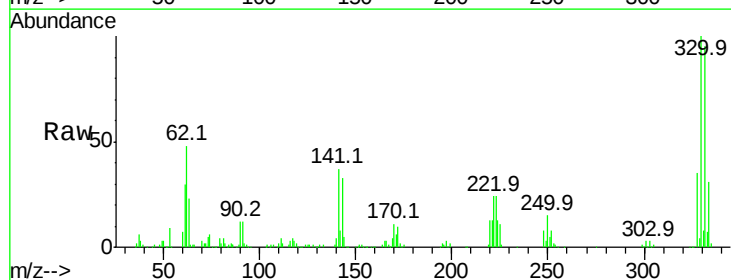
Instrument :
BNA_G
ClientSampleId :

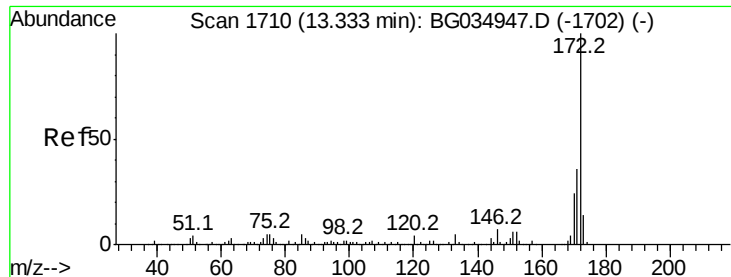
Tot Ion:164 Resp: 100998
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 47.4 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 159.492 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Tgt Ion:330 Resp: 206207
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 37.0 25.2 37.8

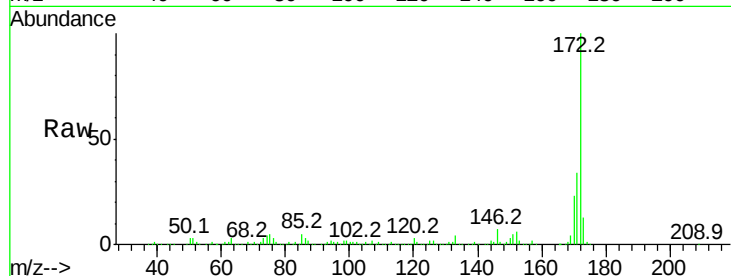




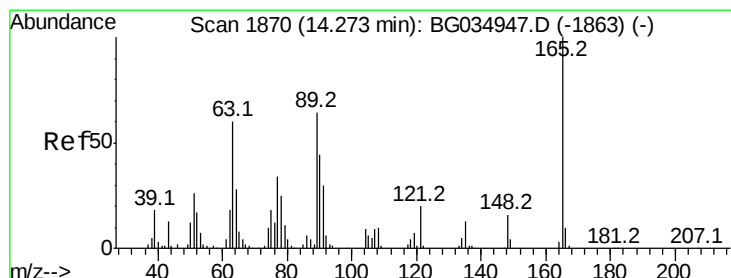
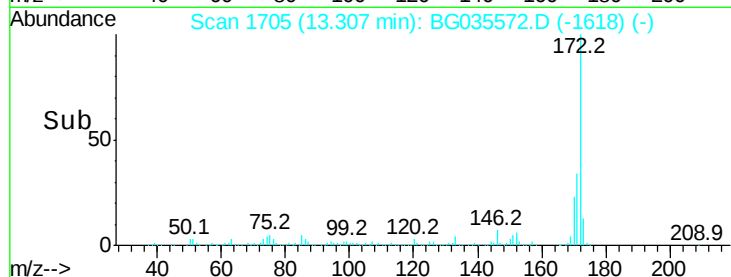
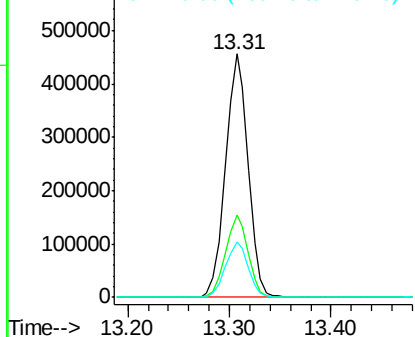
#44
2-Fluorobiphenyl
Concen: 90.219 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	22.6	19.5	29.3

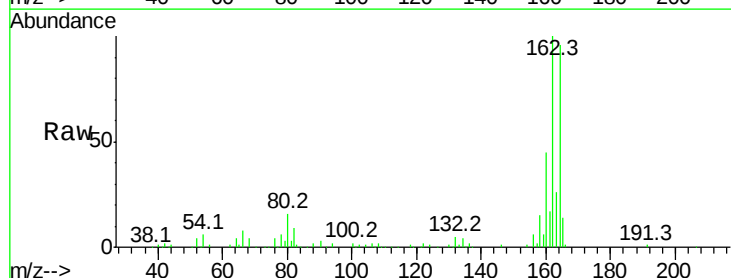


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

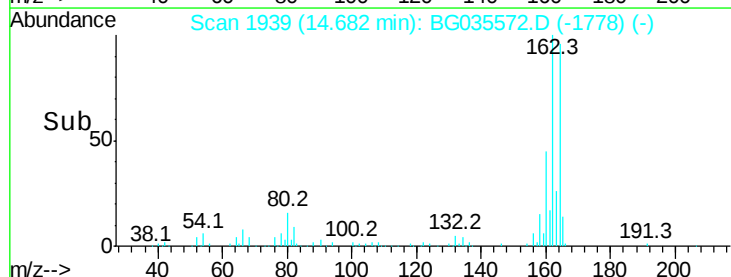
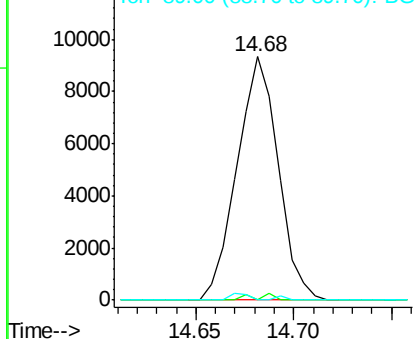


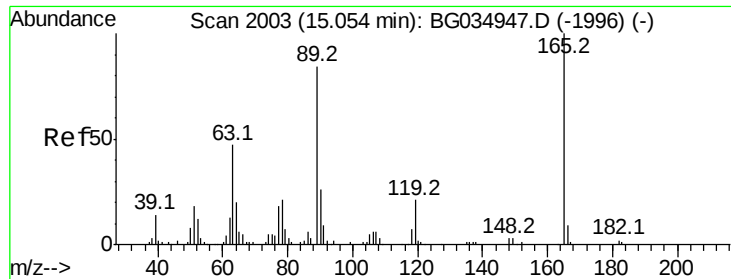
#50
2,6-Dinitrotoluene
Concen: 8.464 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



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

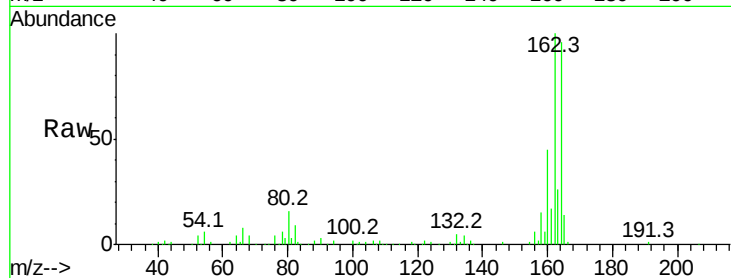




#56
 2,4-Dinitrotoluene
 Concen: 6.371 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035572.D
 Acq: 3 Jul 2018 5:24

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#

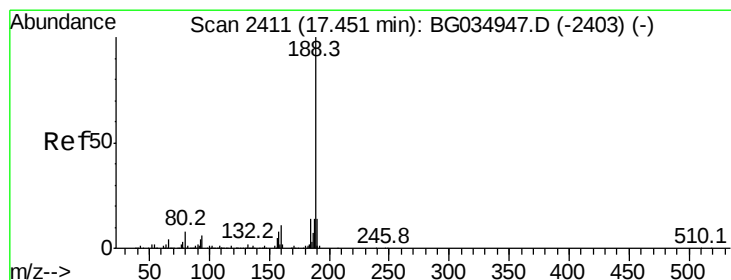
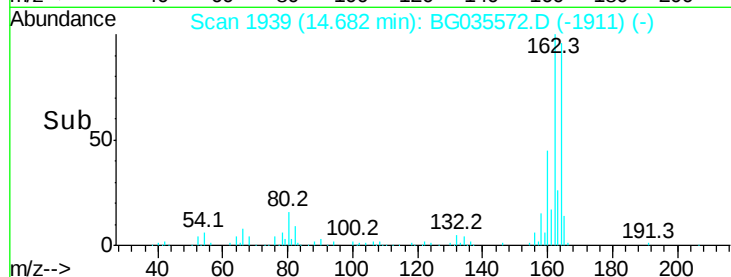
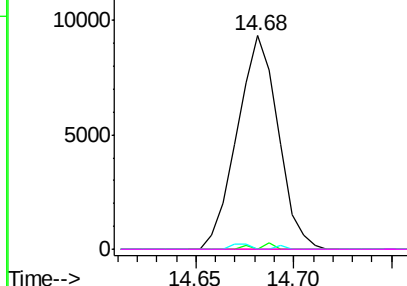


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

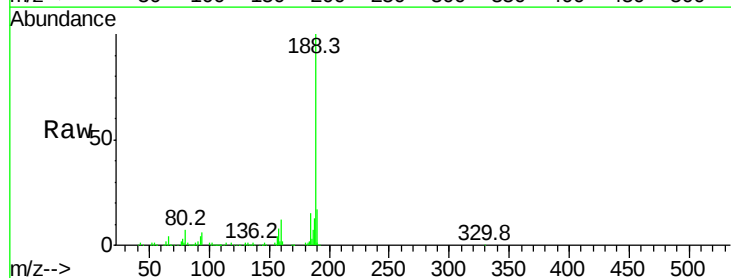
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035572.D
 Acq: 3 Jul 2018 5:24

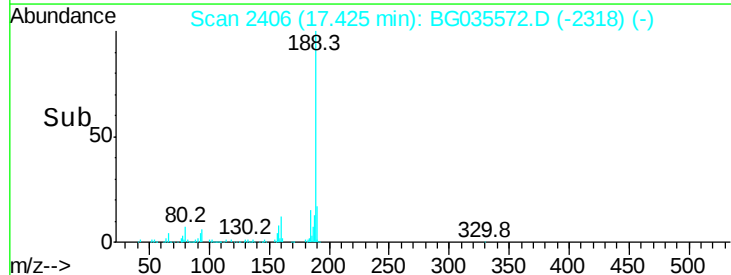
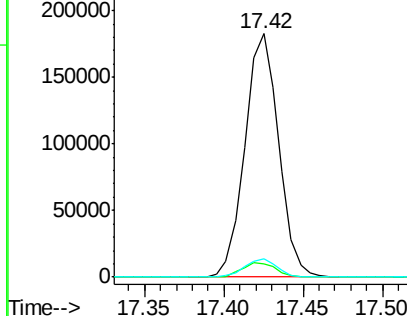
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	7.5	7.7	11.5#

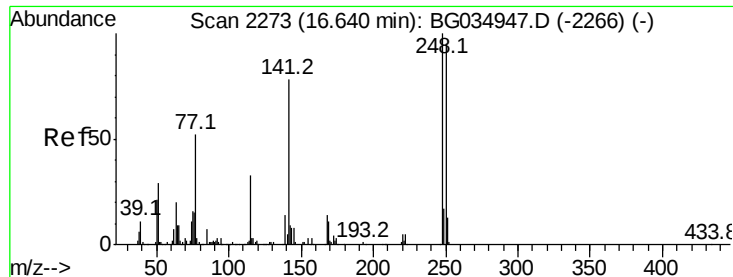


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

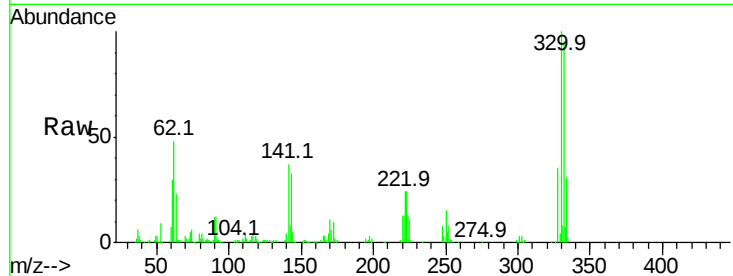




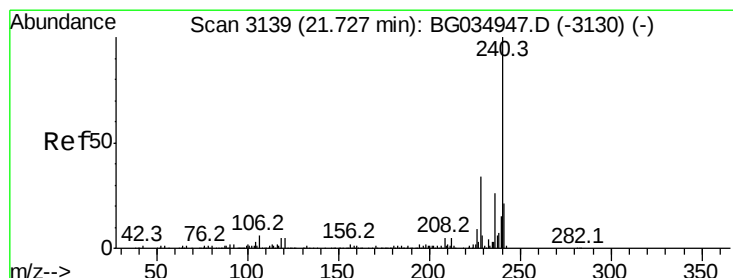
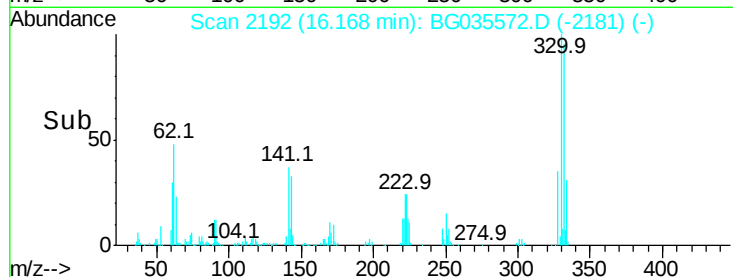
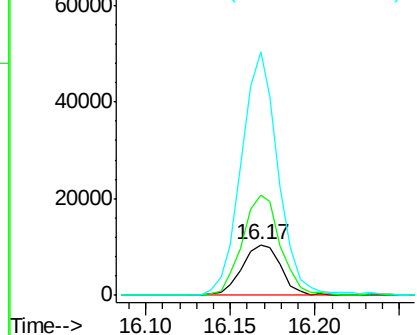
#66
4-Bromophenyl-phenylether
Concen: 5.112 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 16655
Ion Ratio Lower Upper
248 100
250 197.9 77.1 115.7#
141 482.6 50.8 76.2#

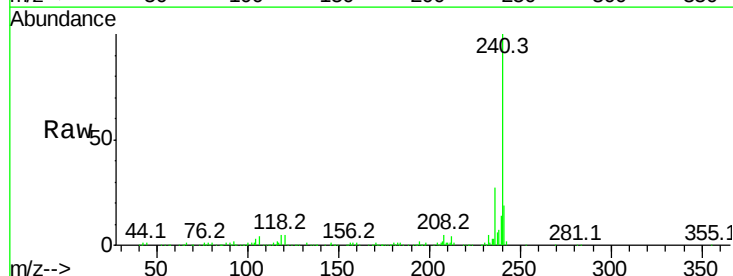


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

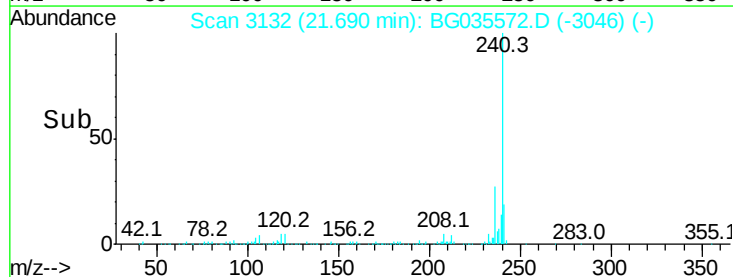
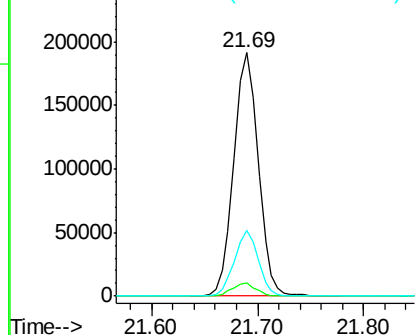


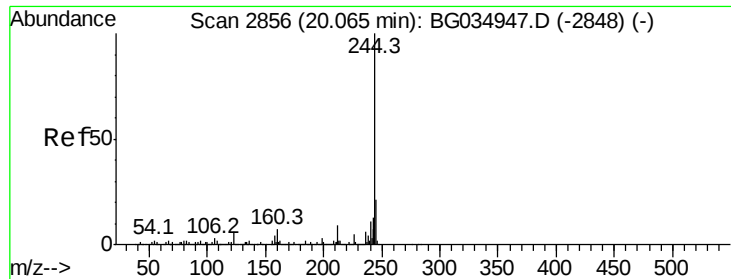
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035572.D
Acq: 3 Jul 2018 5:24

Tgt Ion:240 Resp: 307319
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 26.8 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: 91.169 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035572.D

Acq: 3 Jul 2018 5:24

Instrument :

BNA_G

ClientSampleId :

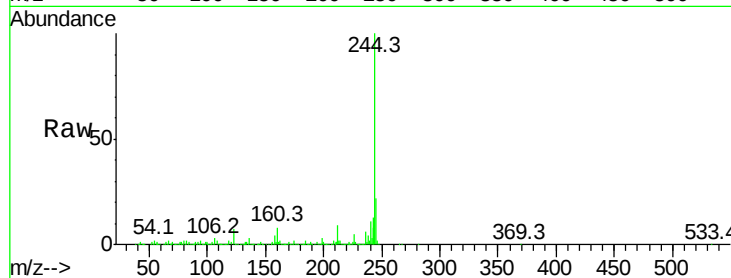
Tot Ion:244 Resp: 1337579

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

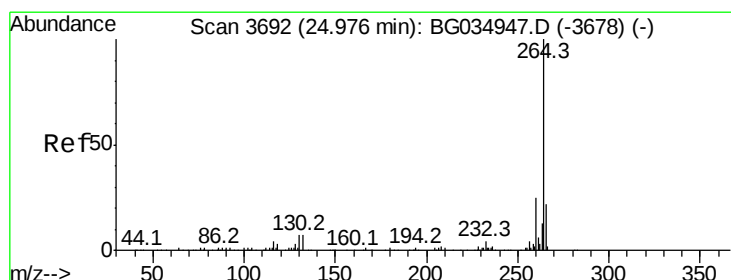
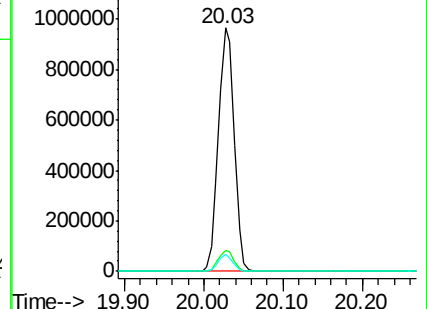
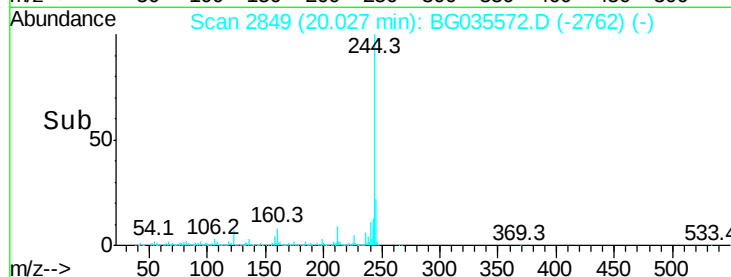
122 7.2 7.0 10.4



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: 24.91 min Scan# 3680

Delta R.T. -0.04 min

Lab File: BG035572.D

Acq: 3 Jul 2018 5:24

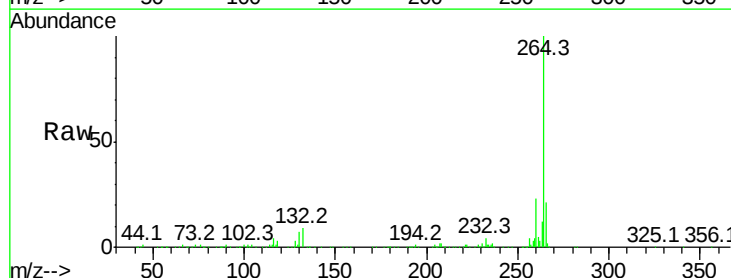
Tgt Ion:264 Resp: 289520

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.7 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

