

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040234.D
 Acq On : 29 Mar 2019 20:36
 Operator : JU/SJ
 Sample : K2138-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6B(12-20)COMP

Quant Time: Mar 30 04:09:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

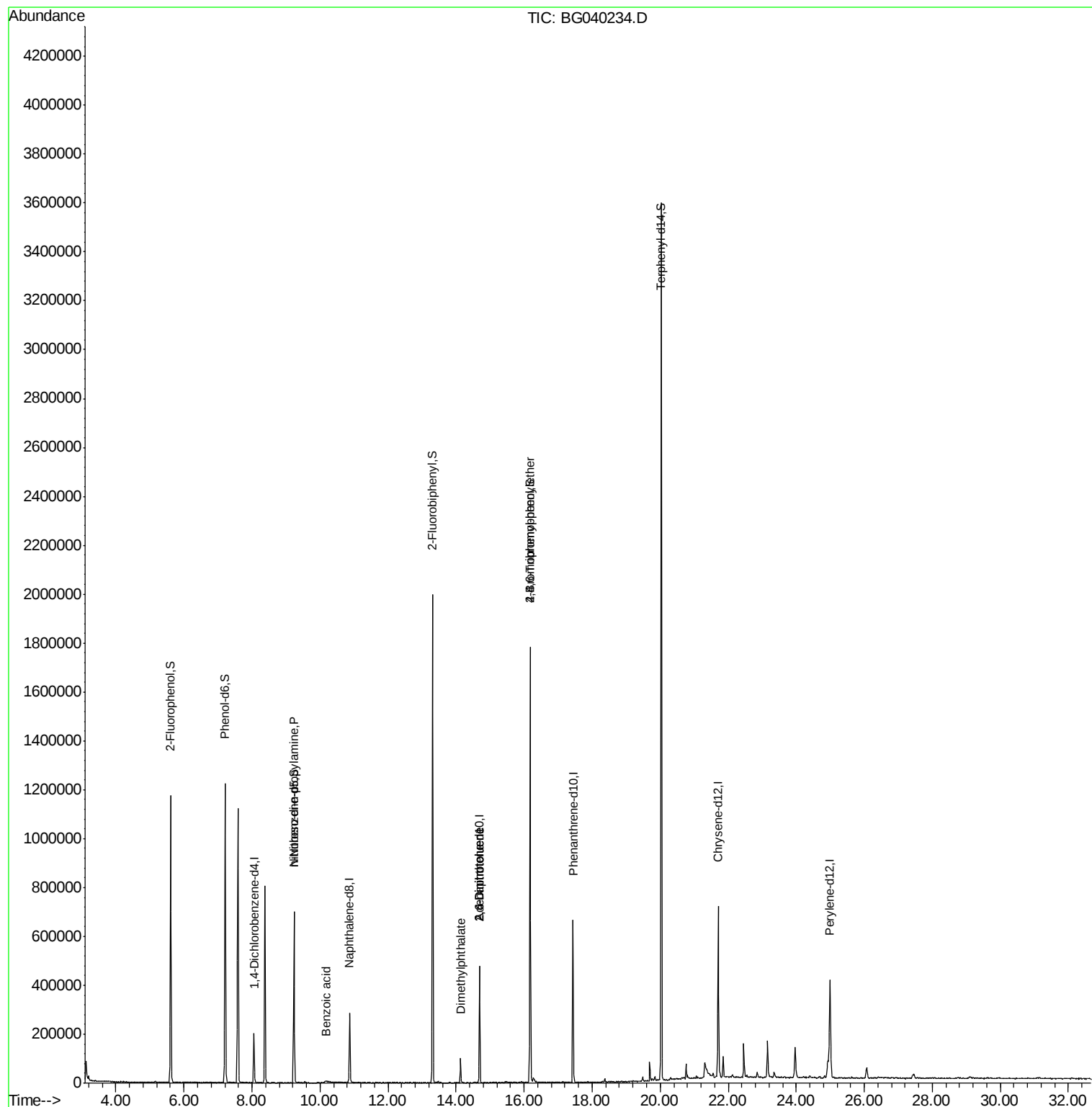
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56436	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	242422	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	164565	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	423762	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	418984	20.00	ng	-0.02
87) Perylene-d12	24.99	264	422460	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	508552	149.80	ng	-0.01
7) Phenol-d6	7.21	99	723543	154.22	ng	-0.01
23) Nitrobenzene-d5	9.23	82	424828	93.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	307322	172.80	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1045878	94.17	ng	-0.01
79) Terphenyl-d14	20.03	244	1612171	86.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	53522	15.911	ng	Qvalue # 74
32) Benzoic acid	10.18	122	5749	2.677	ng	94
50) Dimethylphthalate	14.13	163	66872	5.192	ng	96
51) 2,6-Dinitrotoluene	14.69	165	21663	7.491	ng	# 25
57) 2,4-Dinitrotoluene	14.69	165	21663	5.391	ng	# 25
67) 4-Bromophenyl-phenylether	16.18	248	23808	4.992	ng	# 1

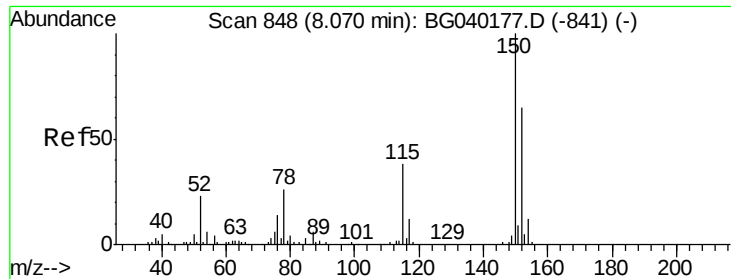
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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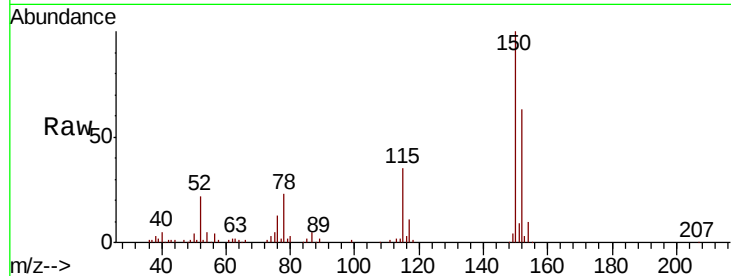


#1

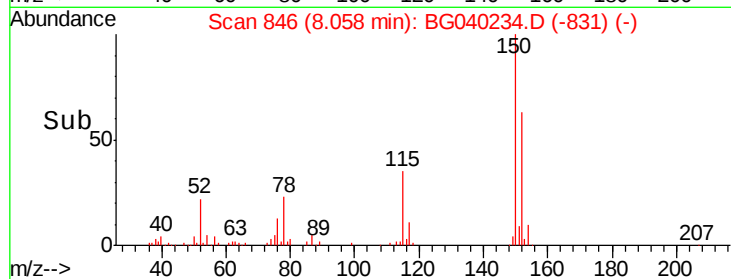
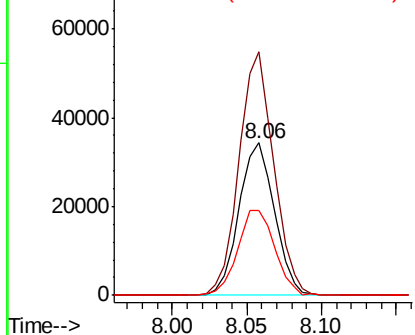
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040234.D
Acq: 29 Mar 2019 20:36

Instrument :
BNA_G
ClientSampleId :
S6B(12-20)COMP

Tgt Ion:152 Resp: 56436
Ion Ratio Lower Upper
152 100
150 159.9 123.7 185.5
115 55.6 46.9 70.3



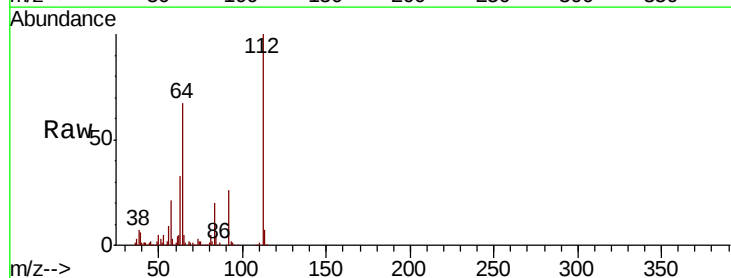
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



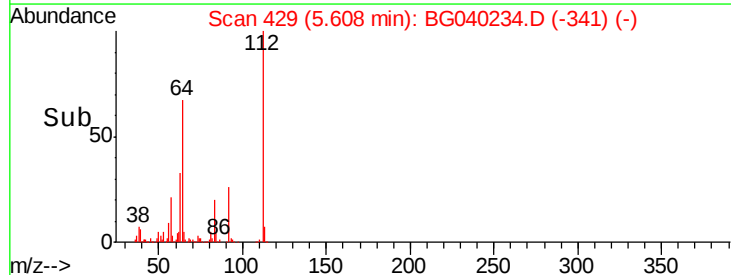
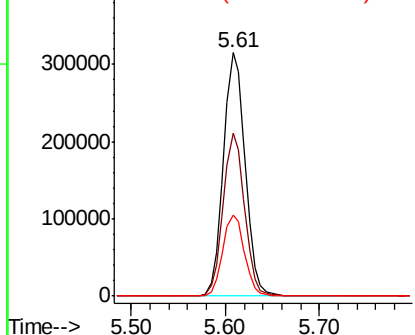
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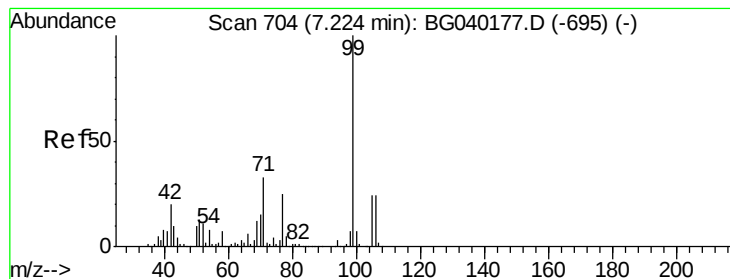
2-Fluorophenol
Concen: 149.802 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040234.D
Acq: 29 Mar 2019 20:36

Tgt Ion:112 Resp: 508552
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.2
63 33.2 26.4 39.6



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





#7

Phenol-d6

Concen: 154.218 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

Instrument :

BNA_G

ClientSampleId :

S6B(12-20)COMP

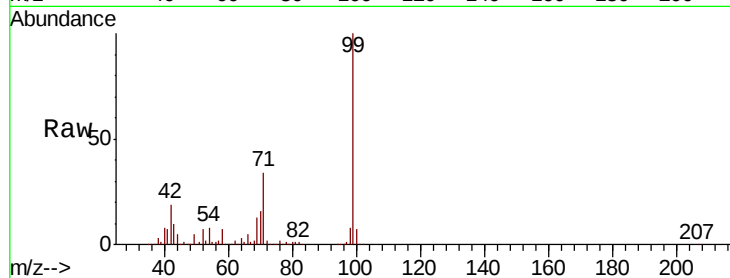
Tgt Ion: 99 Resp: 723543

Ion Ratio Lower Upper

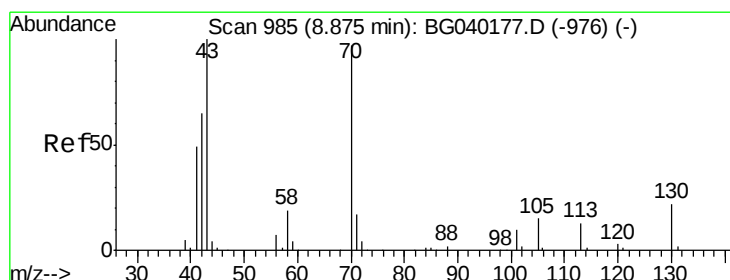
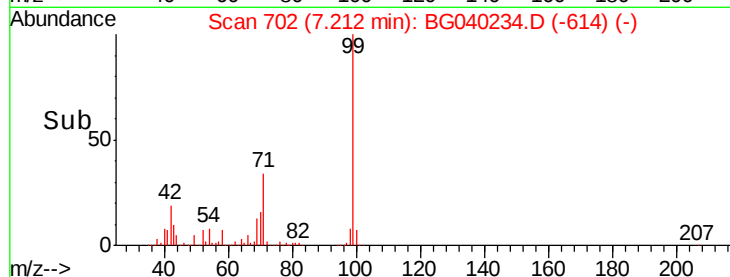
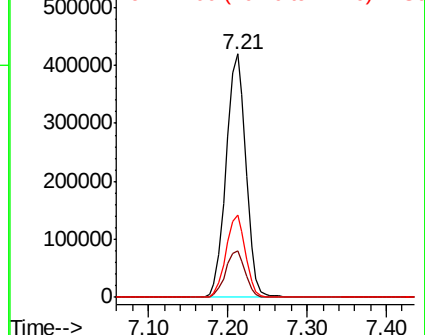
99 100

42 18.9 16.2 24.2

71 33.7 26.8 40.2



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: 15.911 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.36 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

Tgt Ion: 70 Resp: 53522

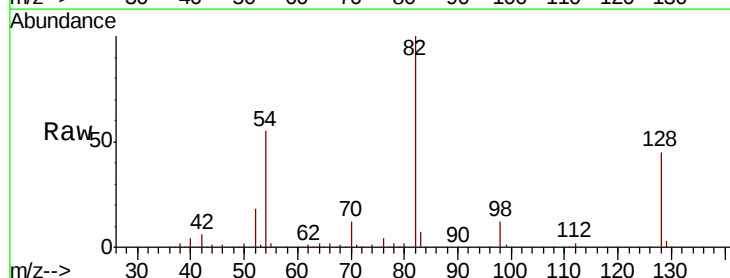
Ion Ratio Lower Upper

70 100

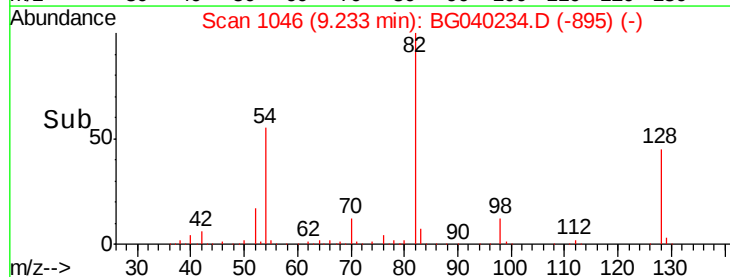
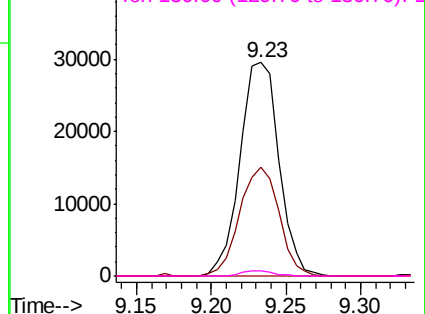
42 50.7 54.0 81.0#

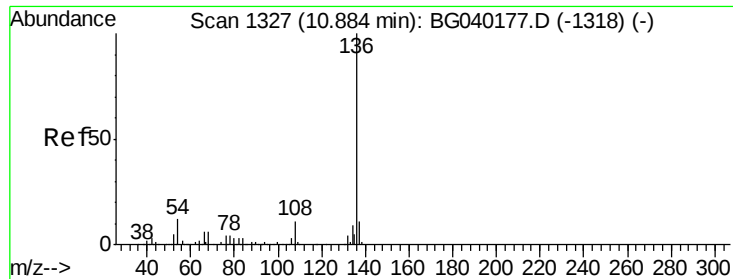
101 0.0 8.6 13.0#

130 2.4 18.2 27.2#



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

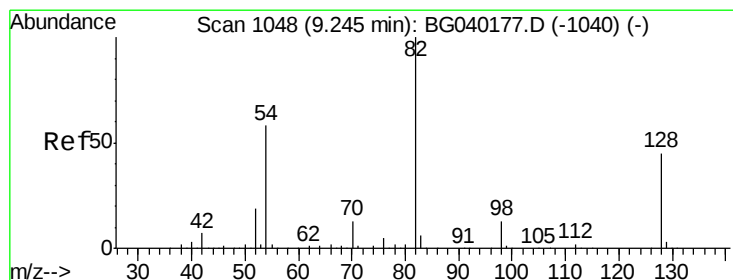
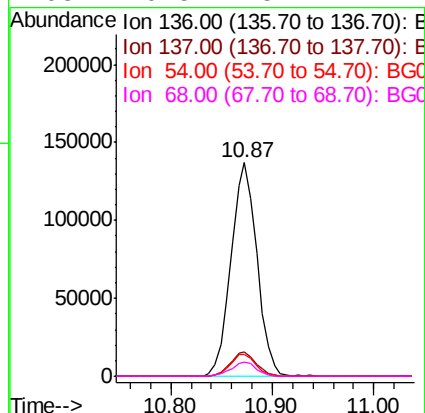
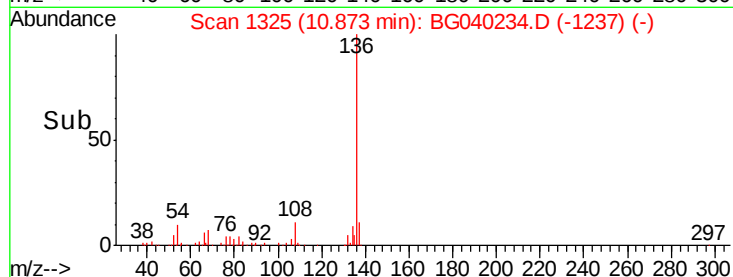
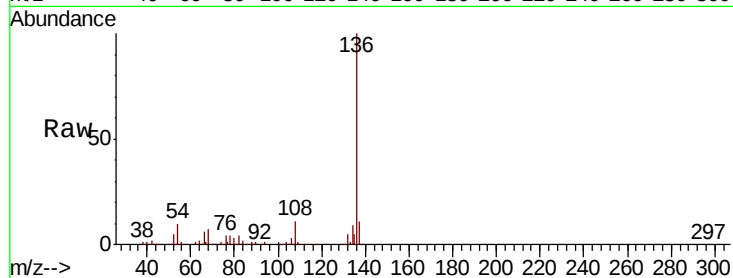




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040234.D
Acq: 29 Mar 2019 20:36

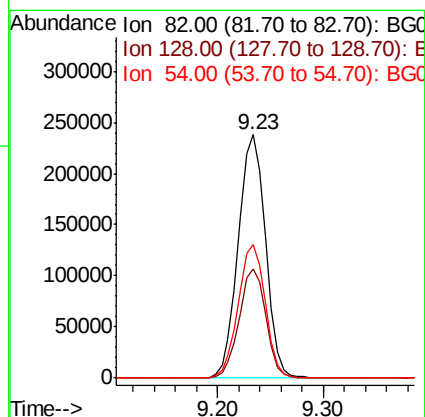
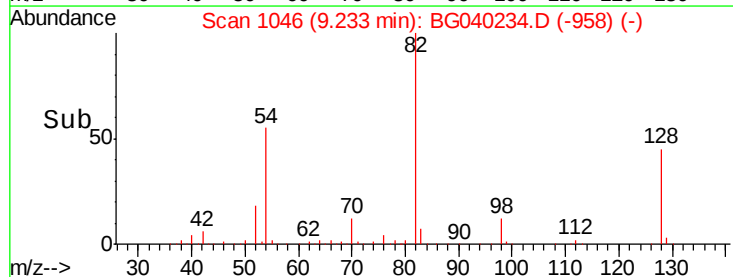
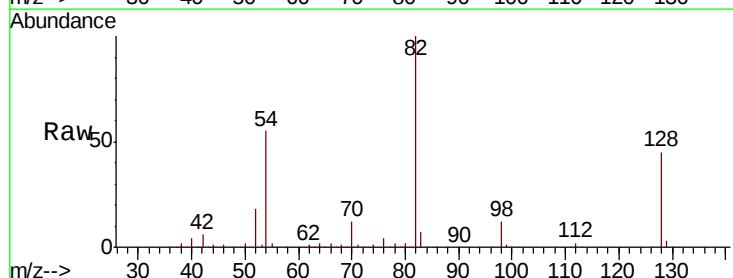
Instrument :
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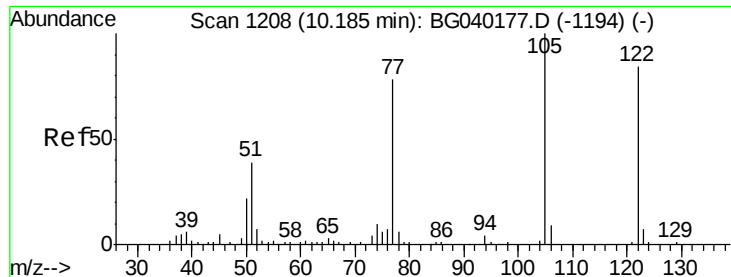
Tgt Ion:	136	Resp:	242422
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.1	9.6	14.4
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 93.148 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040234.D
Acq: 29 Mar 2019 20:36

Tgt Ion:	82	Resp:	424828
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.8	53.8
54	54.9	46.2	69.2

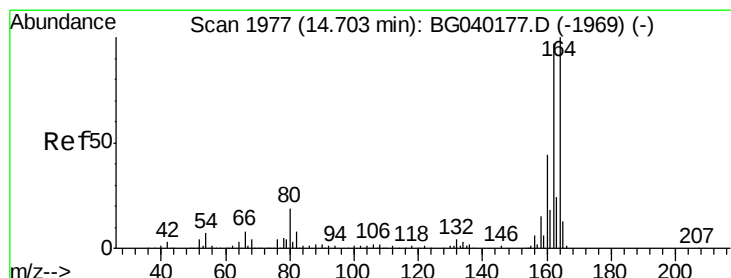
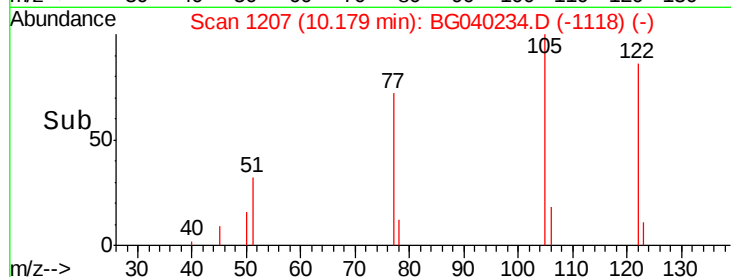
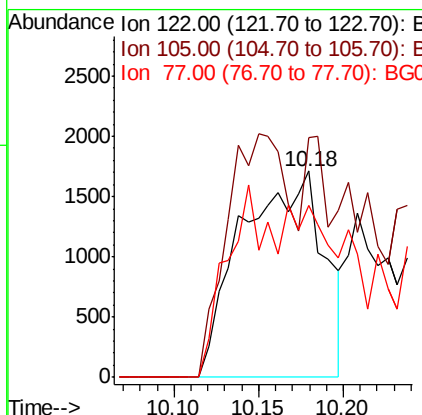
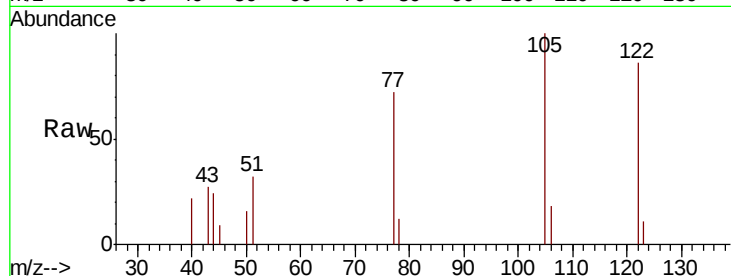




#32
Benzoic acid
Concen: 2.677 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040234.D
Acq: 29 Mar 2019 20:36

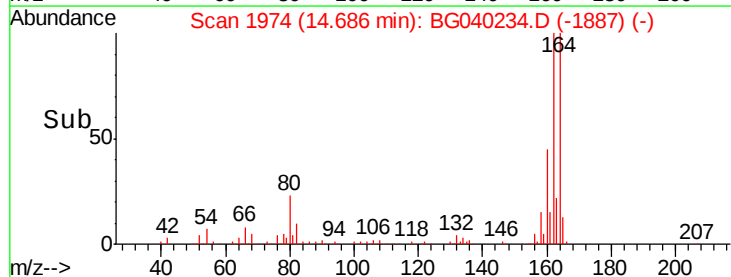
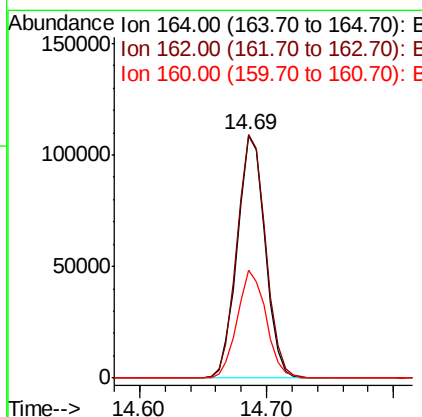
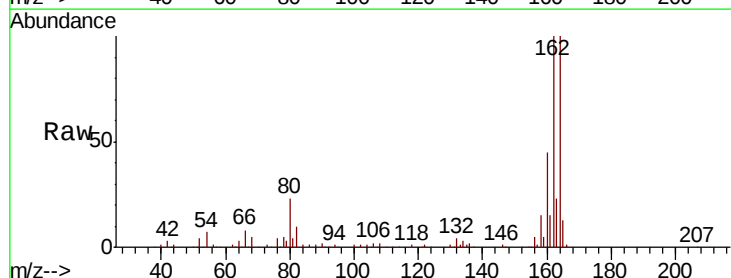
Instrument :
BNA_G
ClientSampleId :
S6B(12-20)COMP

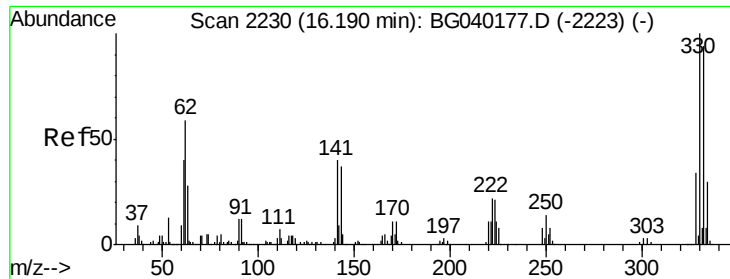
Tgt Ion:122 Resp: 5749
Ion Ratio Lower Upper
122 100
105 116.1 98.2 138.2
77 83.4 73.6 113.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040234.D
Acq: 29 Mar 2019 20:36

Tgt Ion:164 Resp: 164565
Ion Ratio Lower Upper
164 100
162 100.3 77.4 116.2
160 44.7 35.3 52.9

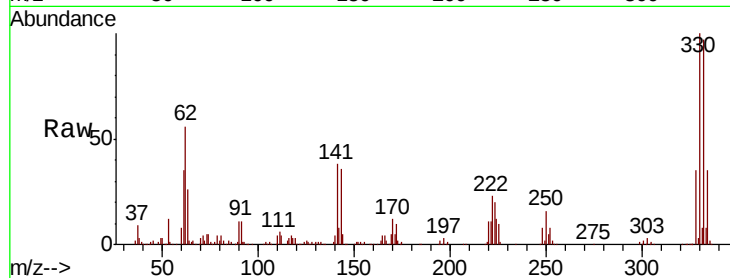




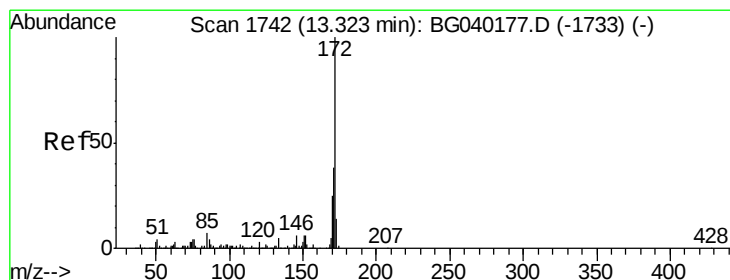
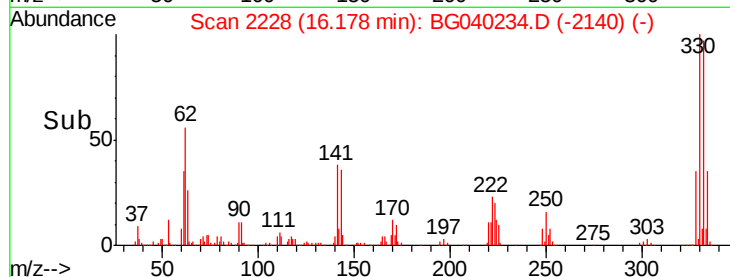
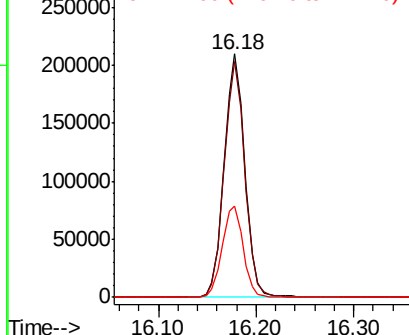
#42
 2,4,6-Tribromophenol
 Concen: 172.797 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG040234.D
 Acq: 29 Mar 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 S6B(12-20)COMP

Tgt Ion:330 Resp: 307322
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.3 32.6 48.8

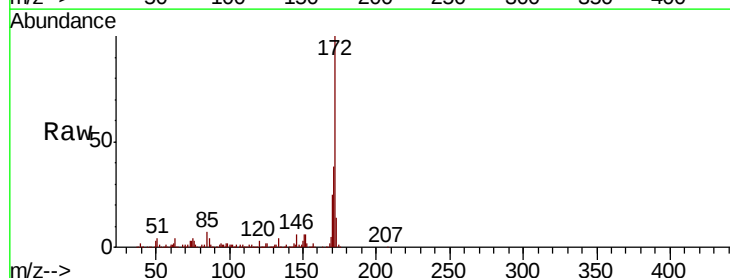


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

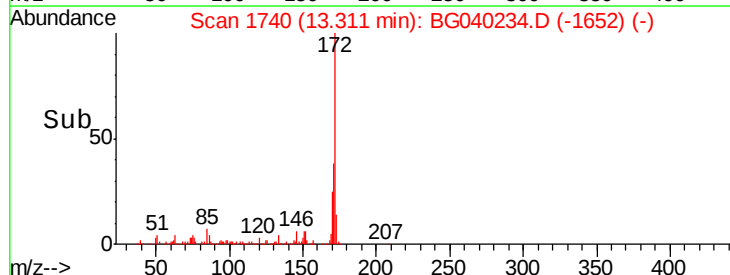
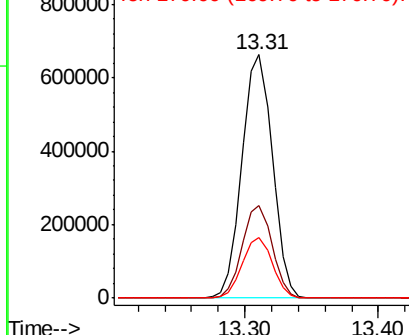


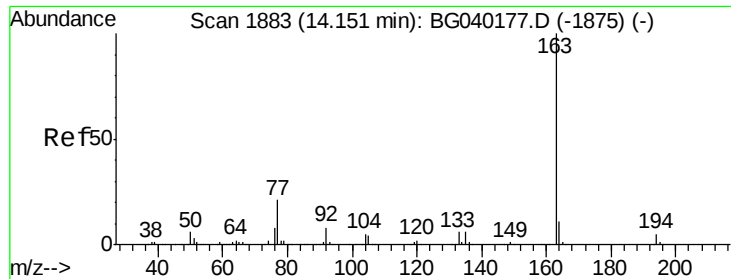
#45
 2-Fluorobiphenyl
 Concen: 94.172 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG040234.D
 Acq: 29 Mar 2019 20:36

Tgt Ion:172 Resp: 1045878
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.5 45.7
 170 25.0 20.1 30.1



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

Dimethylphthalate

Concen: 5.192 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

Instrument :

BNA_G

ClientSampleId :

S6B(12-20)COMP

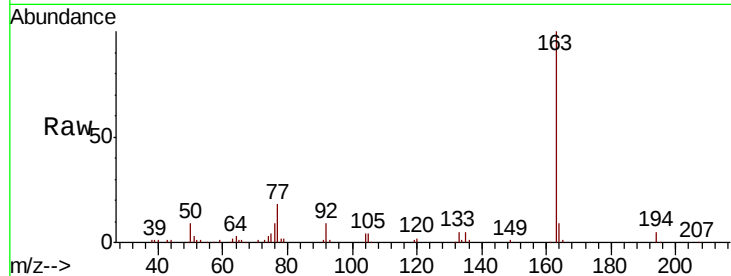
Tgt Ion:163 Resp: 66872

Ion Ratio Lower Upper

163 100

194 4.8 4.1 6.1

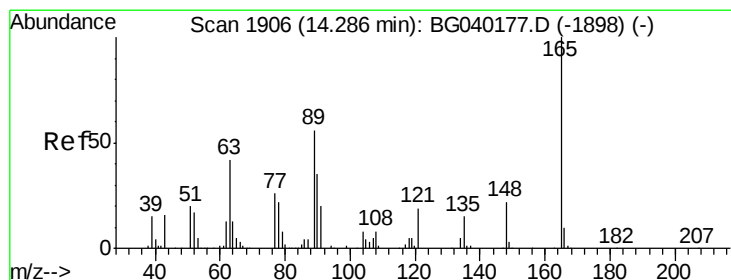
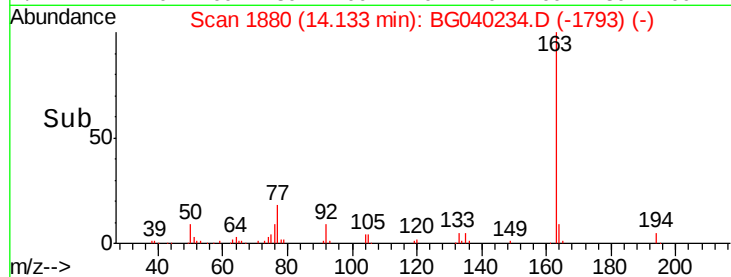
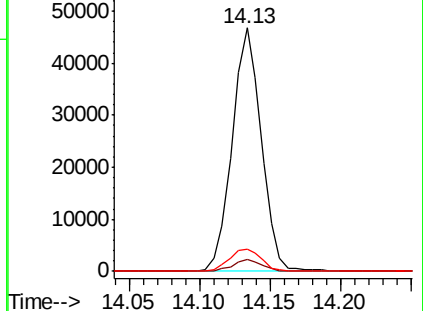
164 9.0 8.6 13.0



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



#51

2,6-Dinitrotoluene

Concen: 7.491 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.40 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

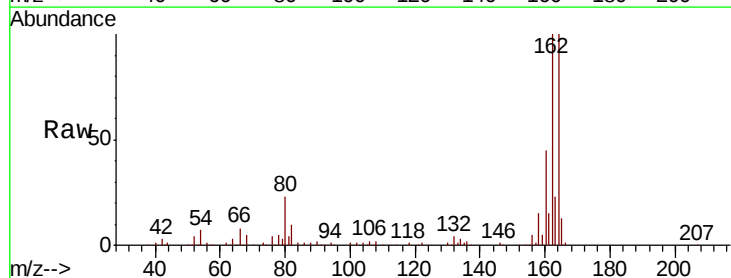
Tgt Ion:165 Resp: 21663

Ion Ratio Lower Upper

165 100

63 1.9 44.1 66.1#

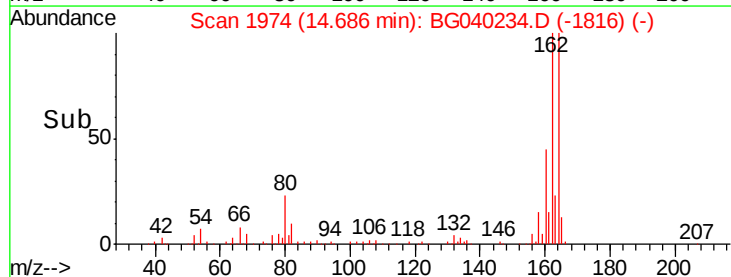
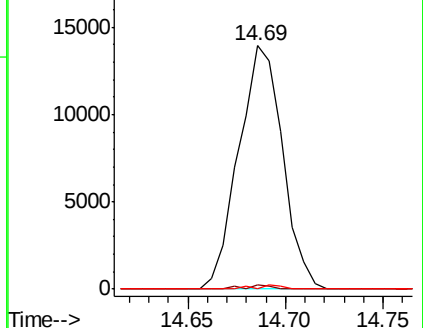
89 0.0 44.9 67.3#

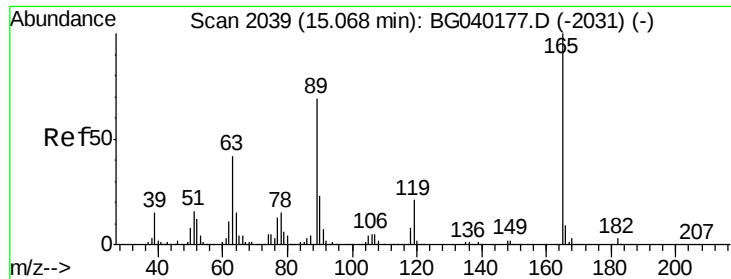


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

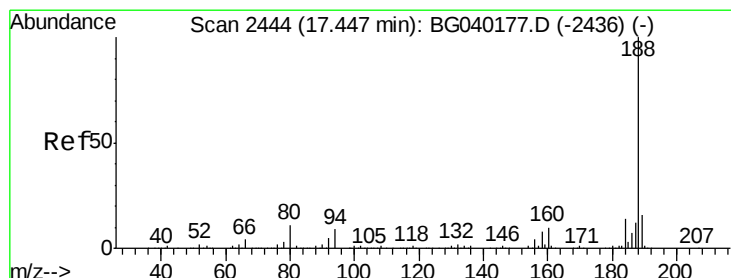
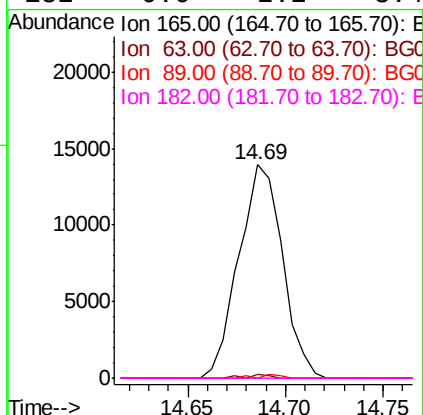
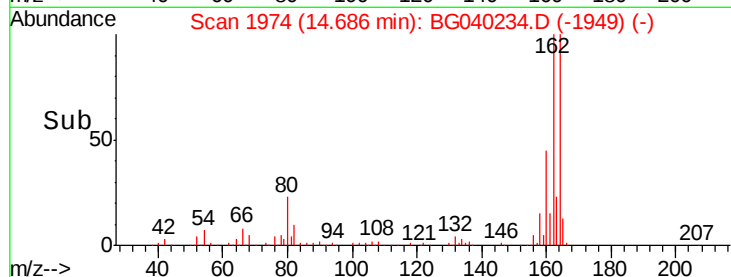
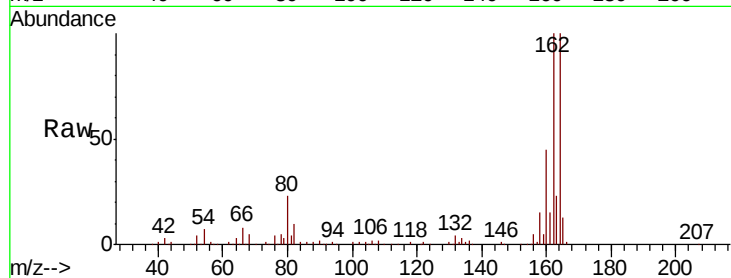




#57
 2,4-Dinitrotoluene
 Concen: 5.391 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040234.D
 Acq: 29 Mar 2019 20:36

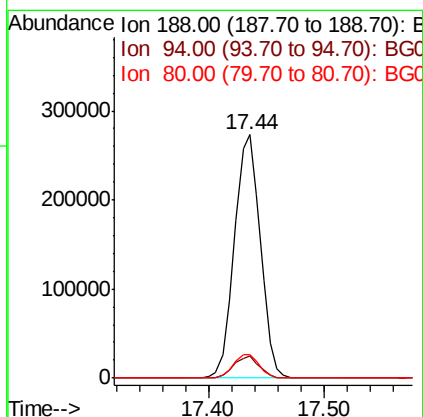
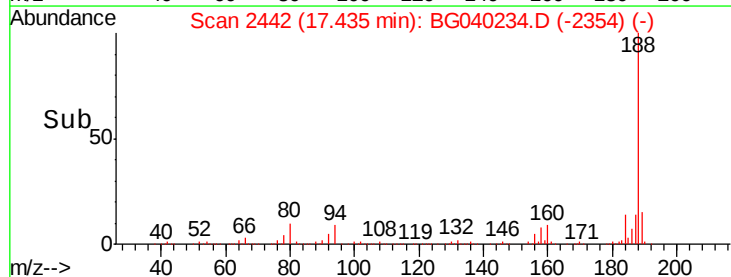
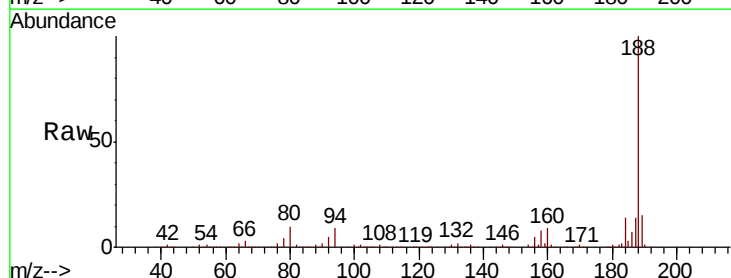
Instrument :
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 S6B(12-20)COMP

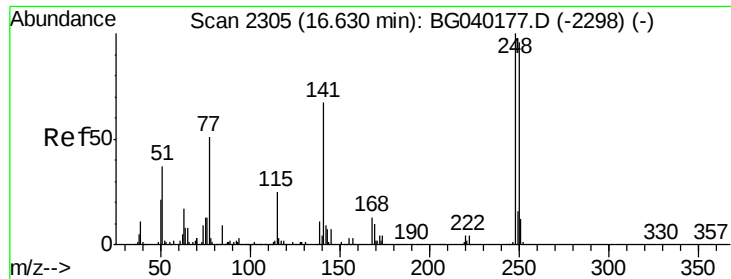
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG040234.D
 Acq: 29 Mar 2019 20:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	9.8	8.6	13.0

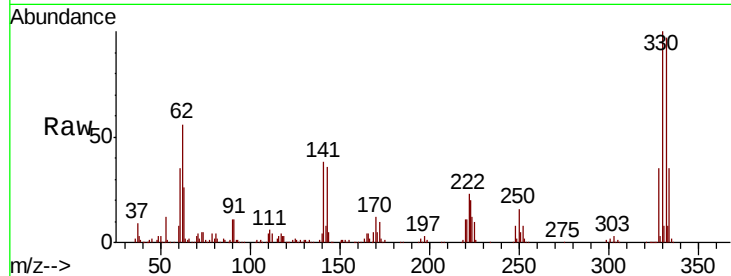




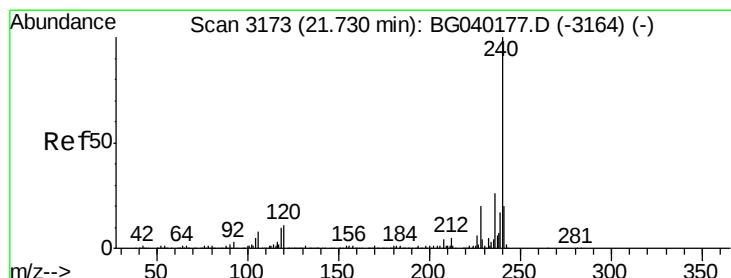
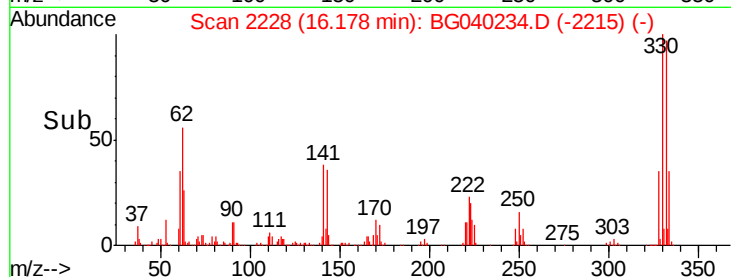
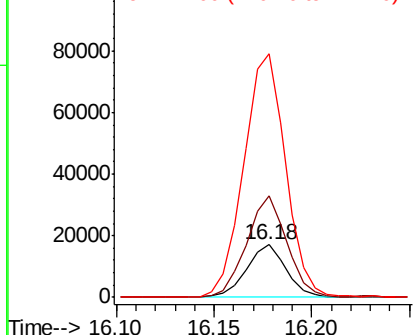
#67
4-Bromophenyl-phenylether
Concen: 4.992 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG040234.D
Acq: 29 Mar 2019 20:36

Instrument :
BNA_G
ClientSampleId :
S6B(12-20)COMP

Tgt Ion:248 Resp: 23808
Ion Ratio Lower Upper
248 100
250 192.3 76.4 114.6#
141 462.7 53.8 80.8#

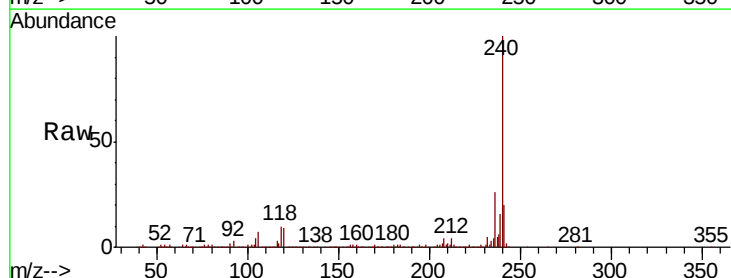


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

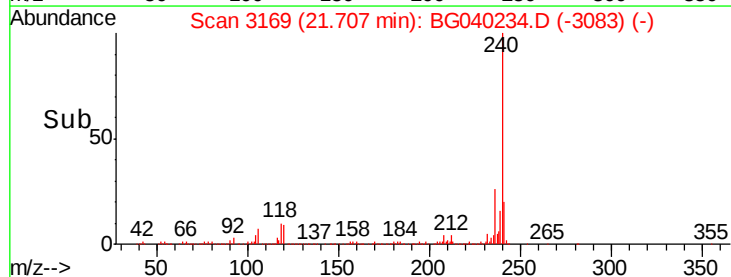
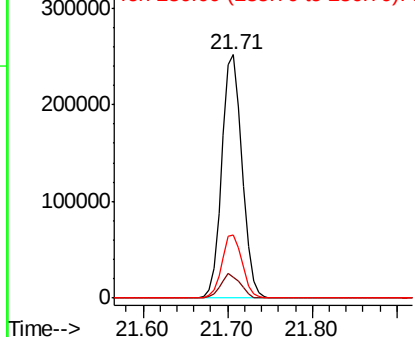


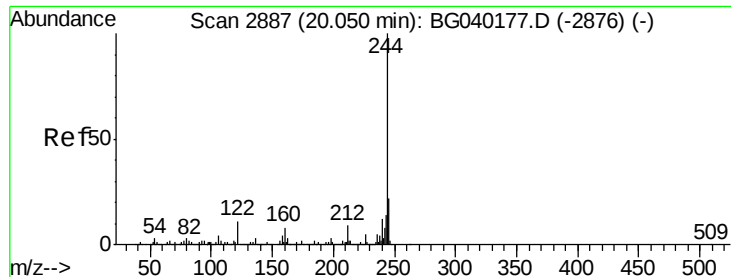
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040234.D
Acq: 29 Mar 2019 20:36

Tgt Ion:240 Resp: 418984
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 26.1 20.8 31.2



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





#79

Terphenyl-d14

Concen: 86.562 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

Instrument :

BNA_G

ClientSampleId :

S6B(12-20)COMP

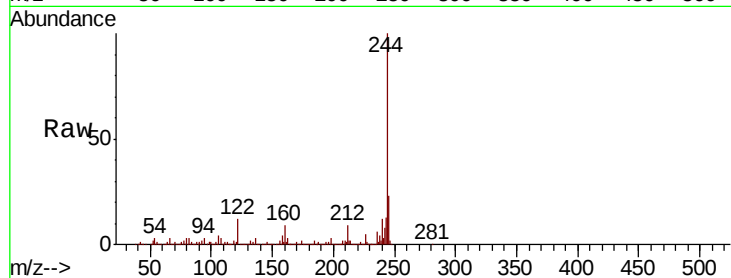
Tgt Ion:244 Resp: 1612171

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

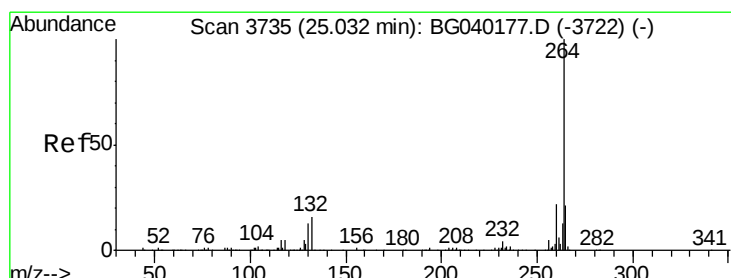
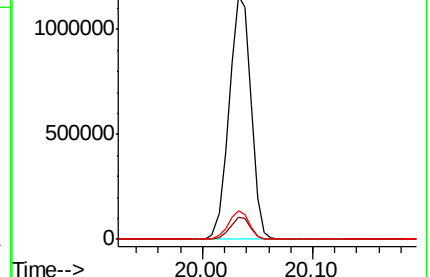
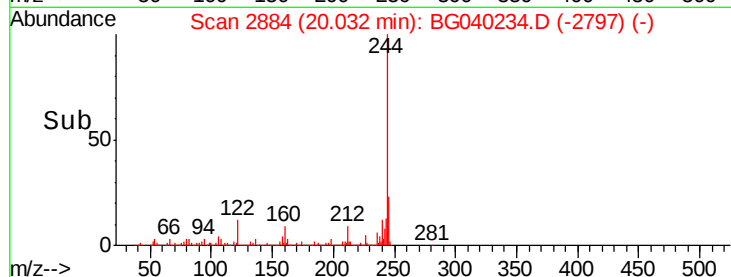
122 11.8 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3728

Delta R.T. -0.04 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

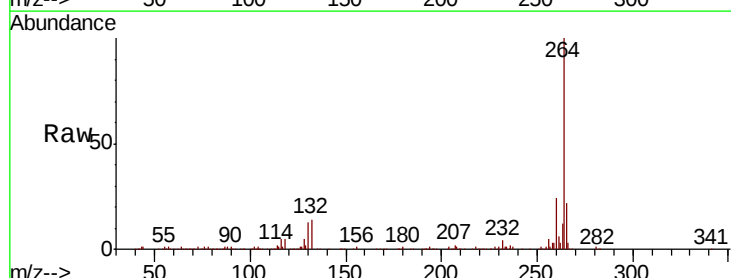
Tgt Ion:264 Resp: 422460

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 21.6 16.8 25.2



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

