

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039006.D
 Acq On : 8 Jan 2019 23:08
 Operator : JU/SJ
 Sample : K1072-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 03:03:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

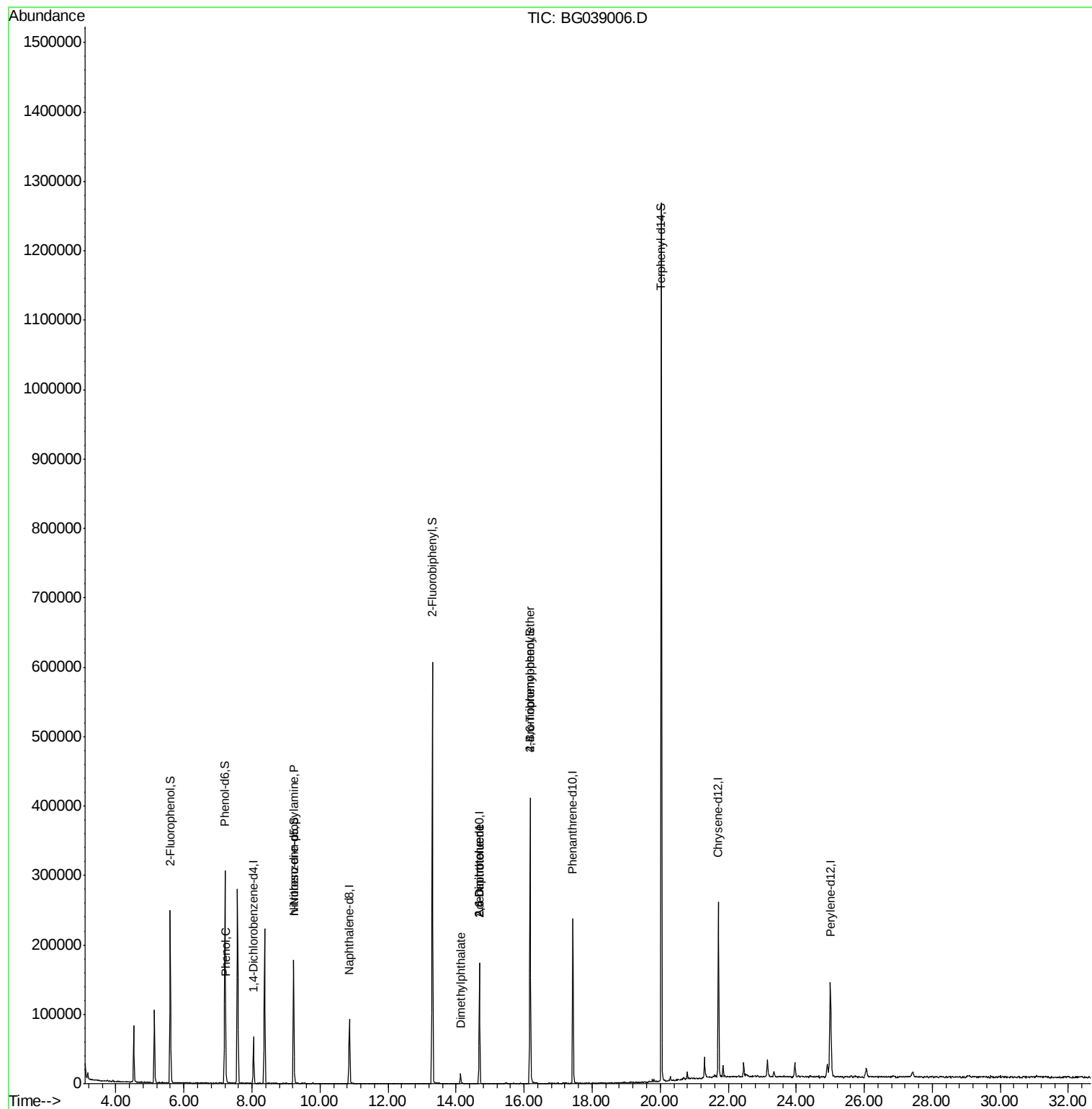
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	21283	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	88113	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	64789	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	168604	20.00	ng	0.00
76) Chrysene-d12	21.71	240	168682	20.00	ng	-0.01
87) Perylene-d12	25.00	264	176457	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	115389	96.16	ng	0.00
7) Phenol-d6	7.21	99	180882	109.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	111334	64.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	96062	107.58	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	350577	74.23	ng	-0.02
79) Terphenyl-d14	20.03	244	660472	85.21	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	3771	2.155	ng	# 58
19) n-Nitroso-di-n-propylamine	9.22	70	14455	12.494	ng	# 66
50) Dimethylphthalate	14.13	163	13378	2.528	ng	# 95
51) 2,6-Dinitrotoluene	14.69	165	8650	7.214	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8650	5.122	ng	# 21
67) 4-Bromophenyl-phenylether	16.17	248	6163	2.993	ng	# 1

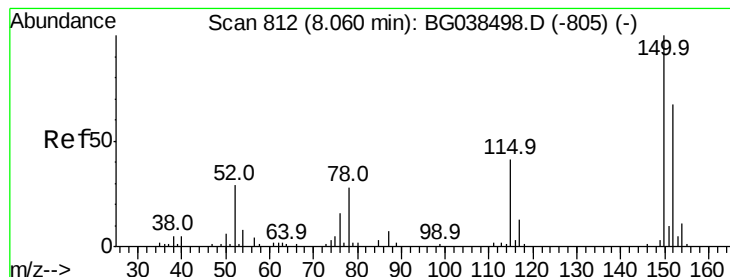
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampleId :

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



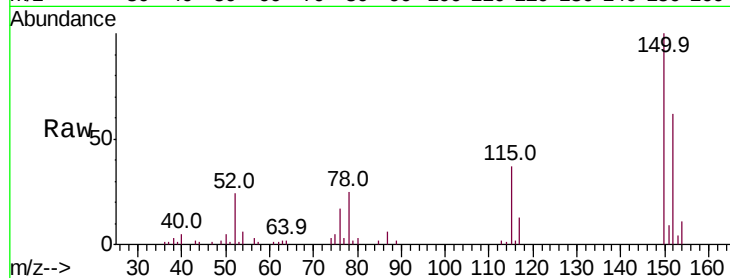


#1

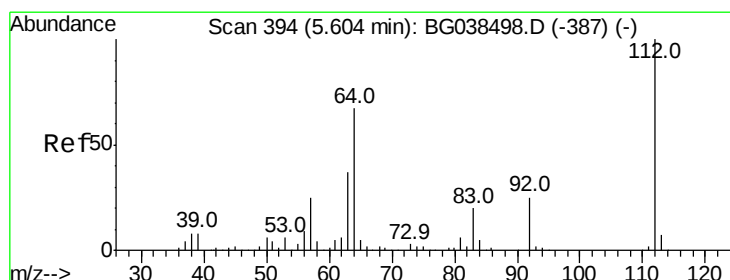
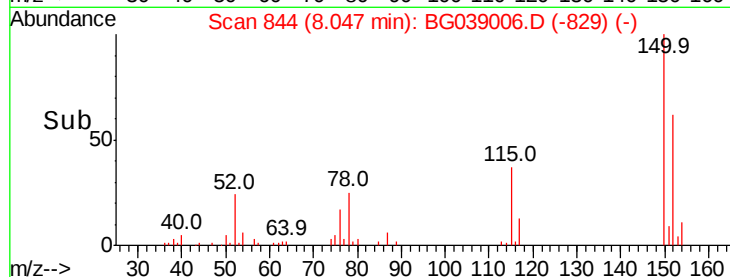
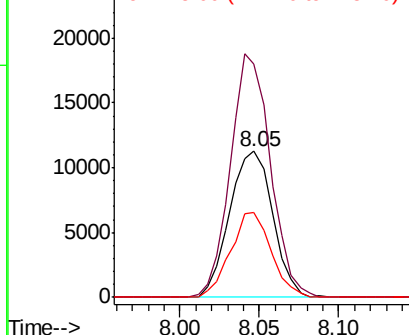
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039006.D
Acq: 8 Jan 2019 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21283
Ion Ratio Lower Upper
152 100
150 160.2 119.5 179.3
115 58.5 49.6 74.4



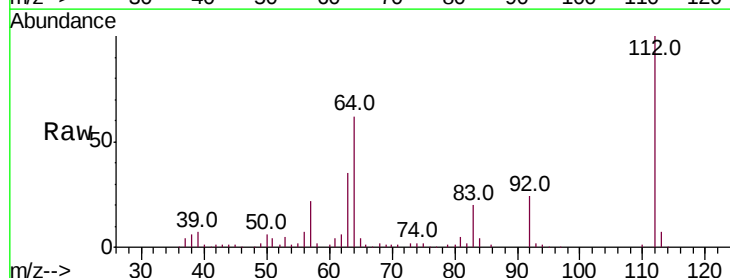
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



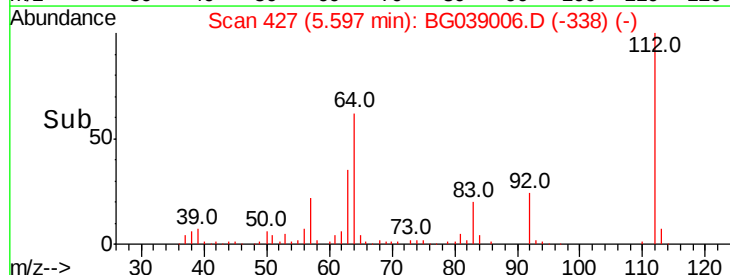
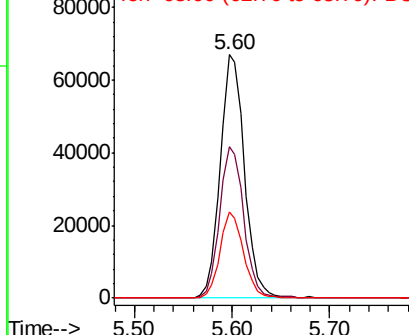
#5

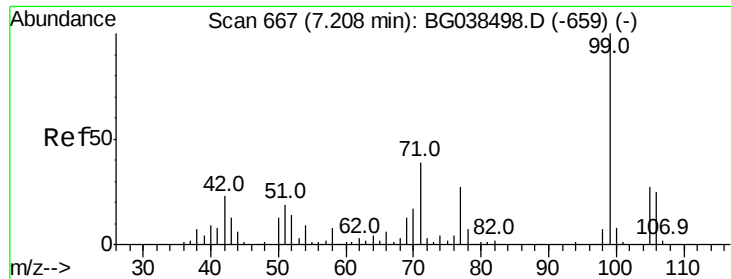
2-Fluorophenol
Concen: 96.161 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG039006.D
Acq: 8 Jan 2019 23:08

Tgt Ion:112 Resp: 115389
Ion Ratio Lower Upper
112 100
64 62.4 53.4 80.2
63 35.3 29.3 43.9



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: 109.805 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039006.D

Acq: 8 Jan 2019 23:08

Instrument :

BNA_G

ClientSampled :

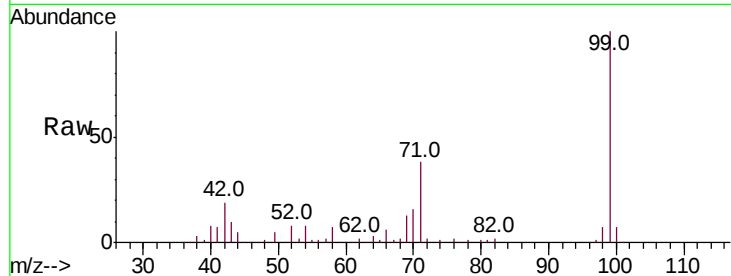
Tot Ion: 99 Resp: 180882

Ion Ratio Lower Upper

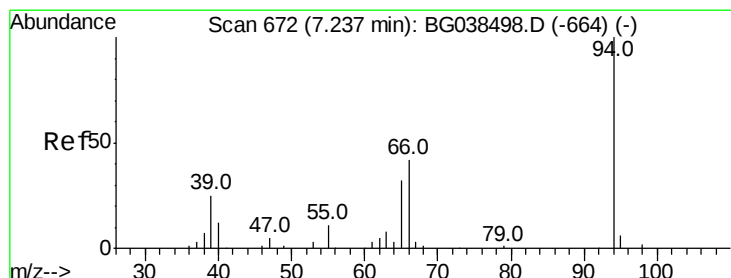
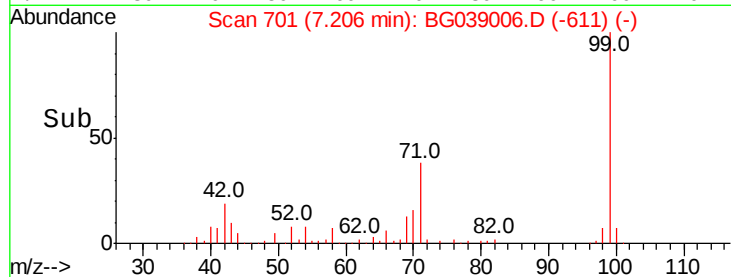
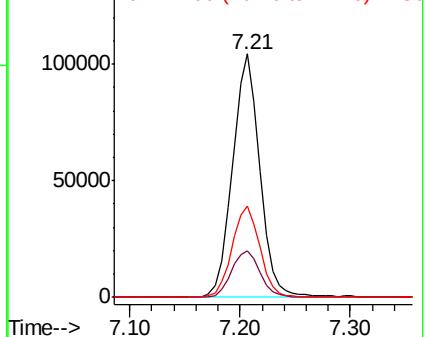
99 100

42 19.2 18.5 27.7

71 37.7 31.1 46.7



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



#10

Phenol

Concen: 2.155 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG039006.D

Acq: 8 Jan 2019 23:08

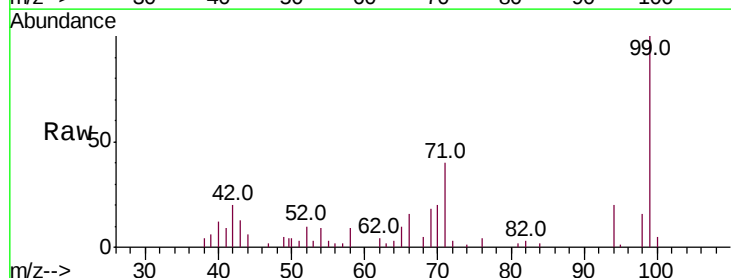
Tgt Ion: 94 Resp: 3771

Ion Ratio Lower Upper

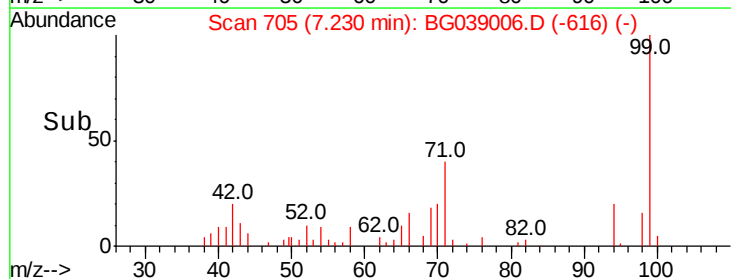
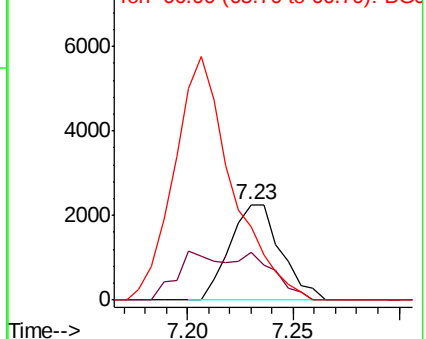
94 100

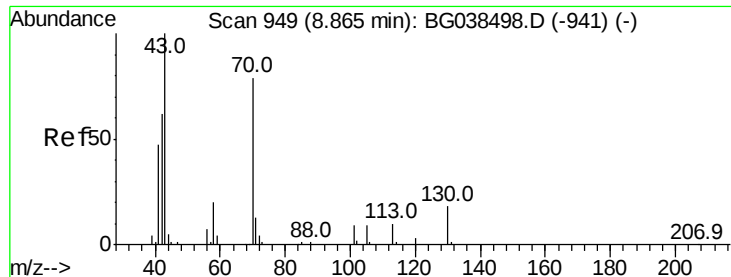
65 49.8 12.6 52.6

66 76.6 24.1 64.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

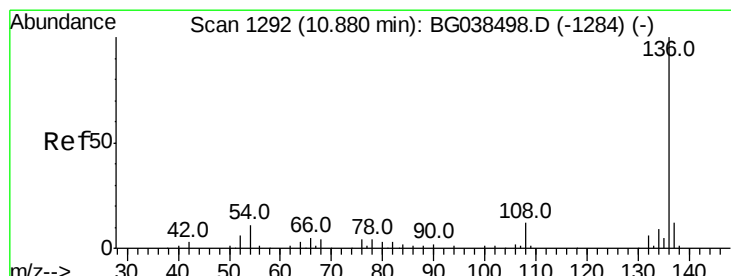
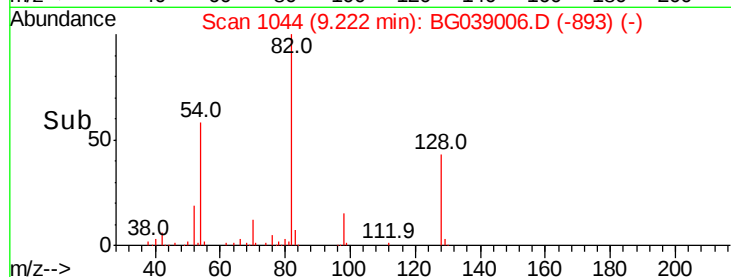
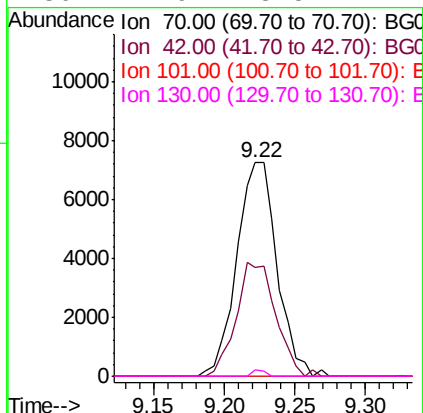
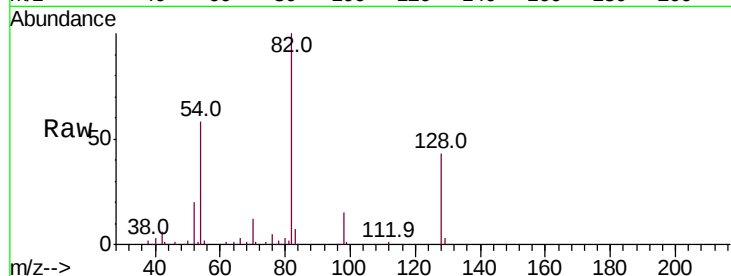




#19
n-Nitroso-di-n-propylamine
Concen: 12.494 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.36 min
Lab File: BG039006.D
Acq: 8 Jan 2019 23:08

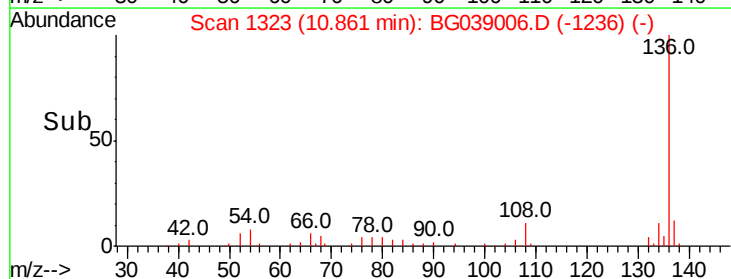
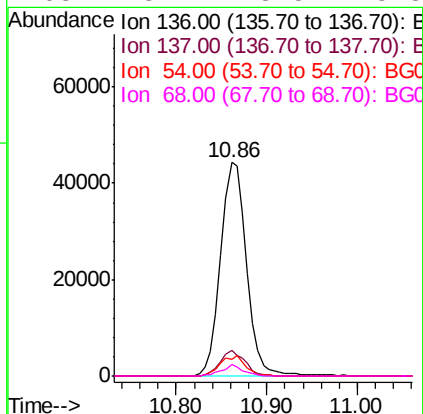
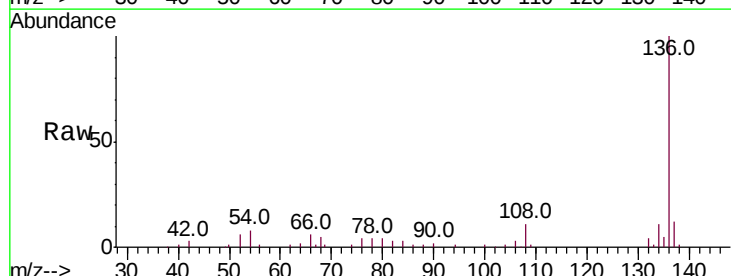
Instrument :
BNA_G
ClientSampleId :

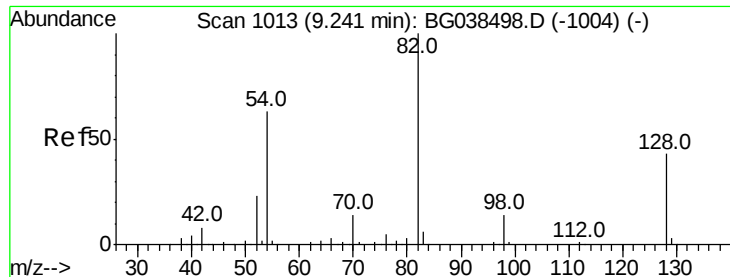
Tot Ion: 70 Resp: 14455
Ion Ratio Lower Upper
70 100
42 51.0 63.6 95.4#
101 0.0 9.2 13.8#
130 2.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039006.D
Acq: 8 Jan 2019 23:08

Tgt Ion: 136 Resp: 88113
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 8.0 8.5 12.7#
68 5.4 3.5 5.3#

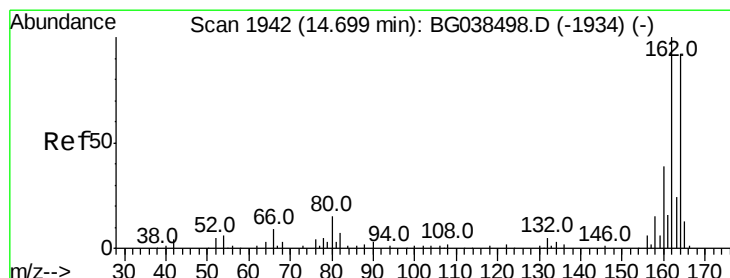
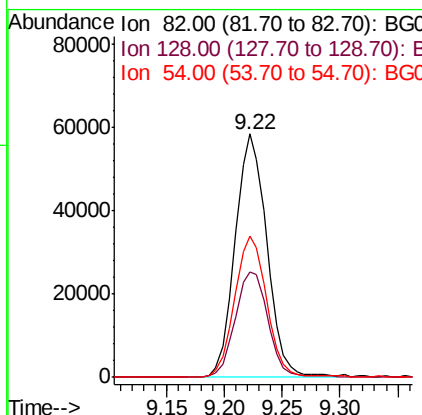
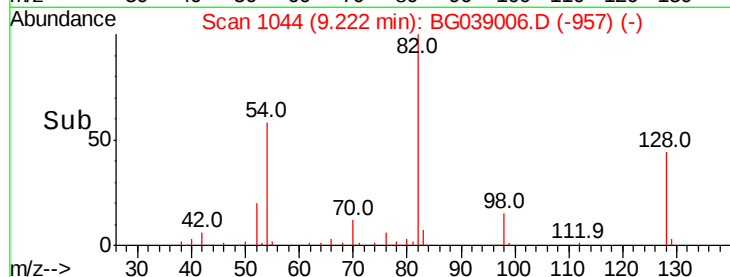
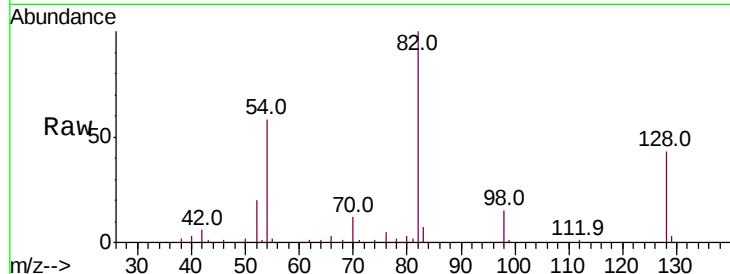




#23
Nitrobenzene-d5
Concen: 64.550 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039006.D
Acq: 8 Jan 2019 23:08

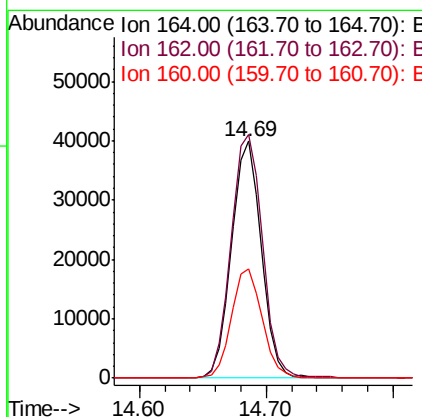
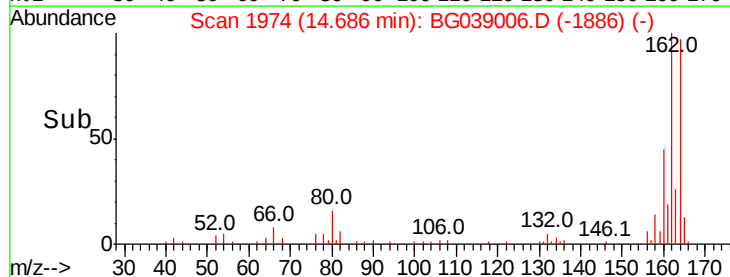
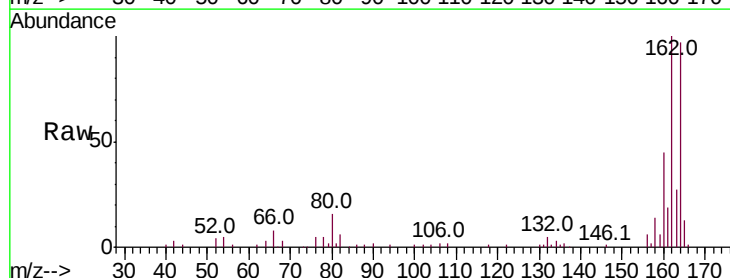
Instrument :
BNA_G
ClientSampled :

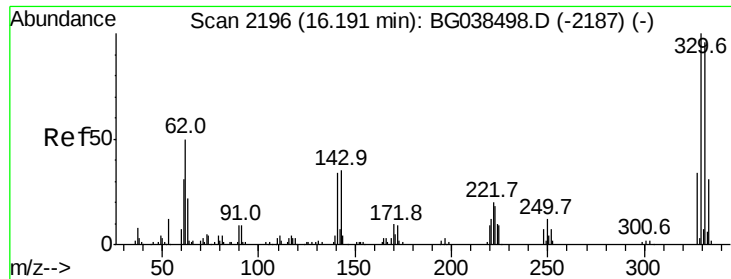
Tot Ion: 82 Resp: 111334
Ion Ratio Lower Upper
82 100
128 43.4 34.6 52.0
54 57.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG039006.D
Acq: 8 Jan 2019 23:08

Tgt Ion:164 Resp: 64789
Ion Ratio Lower Upper
164 100
162 102.9 86.6 130.0
160 46.2 34.2 51.2

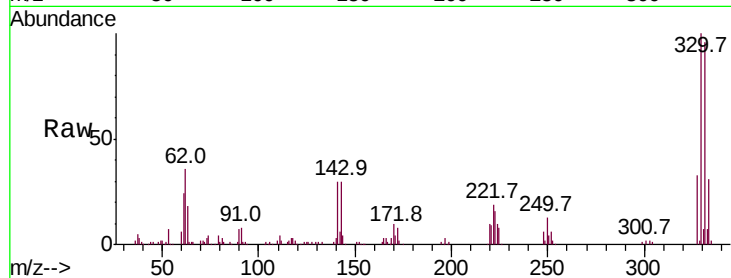




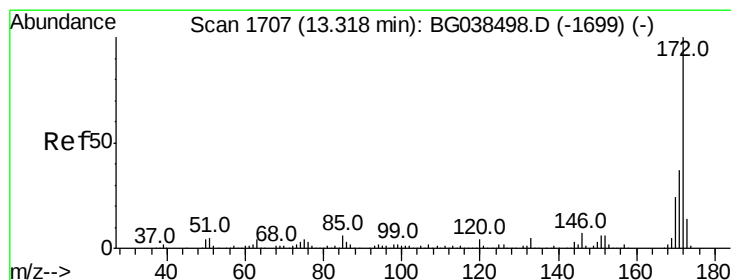
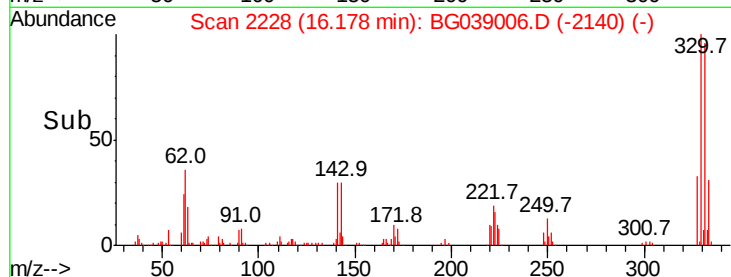
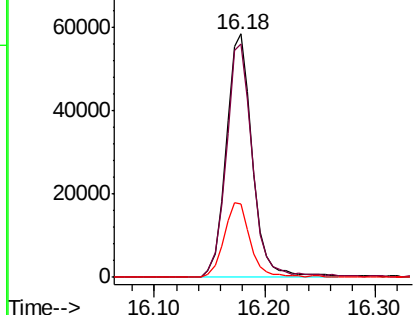
#42
 2,4,6-Tribromophenol
 Concen: 107.583 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG039006.D
 Acq: 8 Jan 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	30.9	28.8	43.2

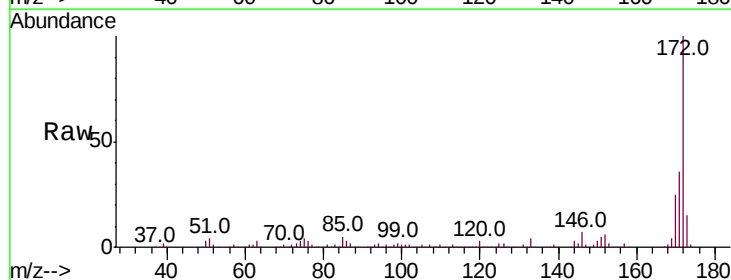


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

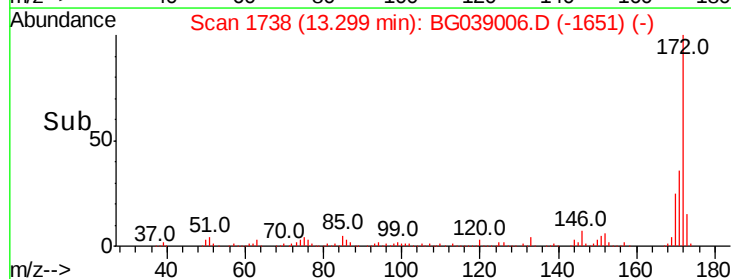
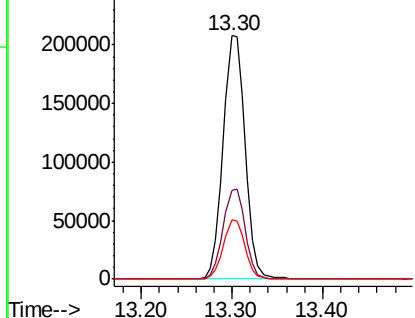


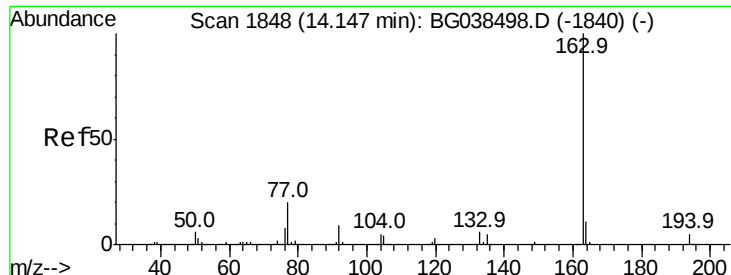
#45
 2-Fluorobiphenyl
 Concen: 74.232 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039006.D
 Acq: 8 Jan 2019 23:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.6	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

Dimethylphthalate

Concen: 2.528 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG039006.D

Acq: 8 Jan 2019 23:08

Instrument :

BNA_G

ClientSampled :

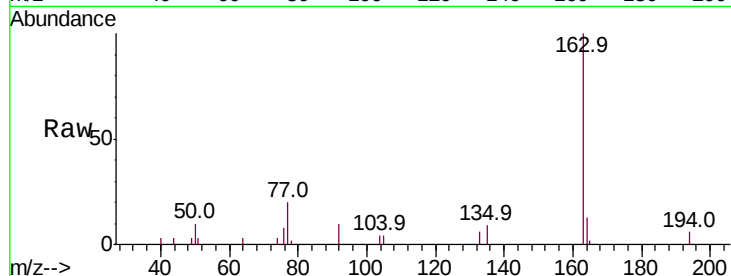
Tot Ion:163 Resp: 13378

Ion Ratio Lower Upper

163 100

194 5.9 3.7 5.5#

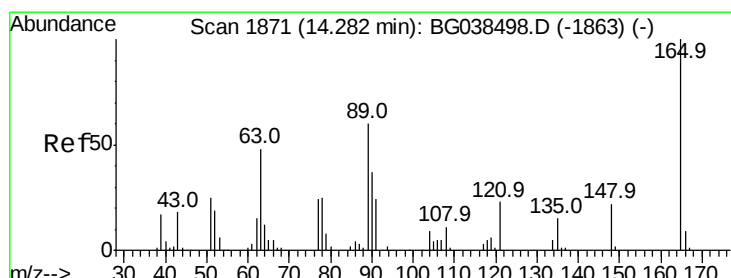
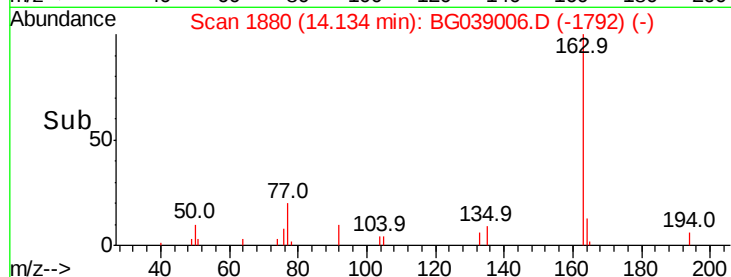
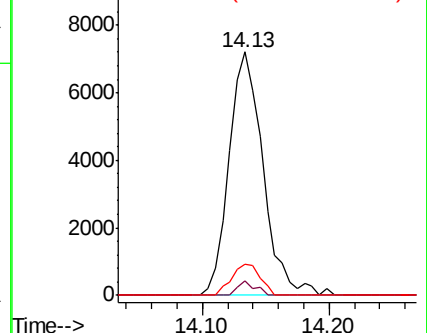
164 13.0 8.6 12.8#



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: 7.214 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.40 min

Lab File: BG039006.D

Acq: 8 Jan 2019 23:08

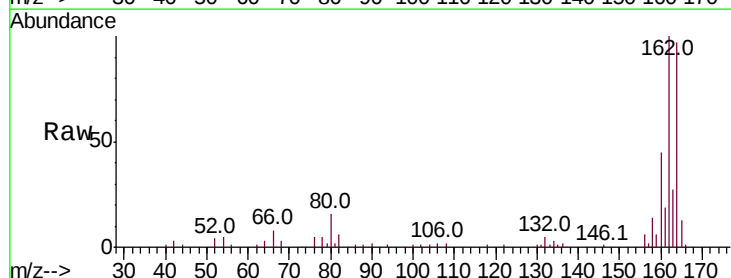
Tgt Ion:165 Resp: 8650

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

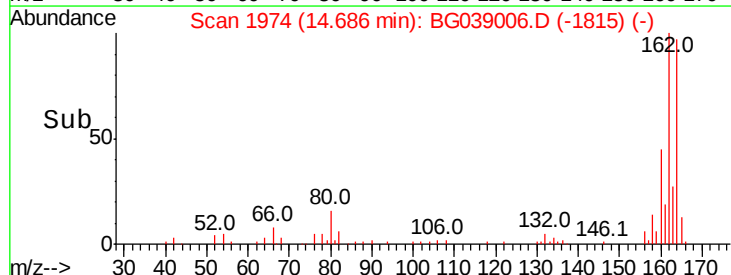
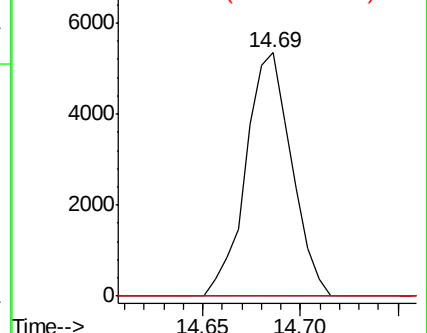
89 0.0 47.9 71.9#

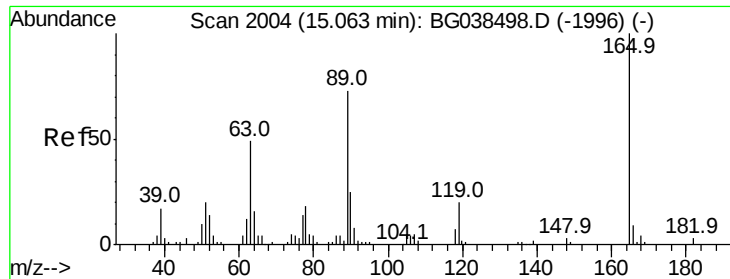


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

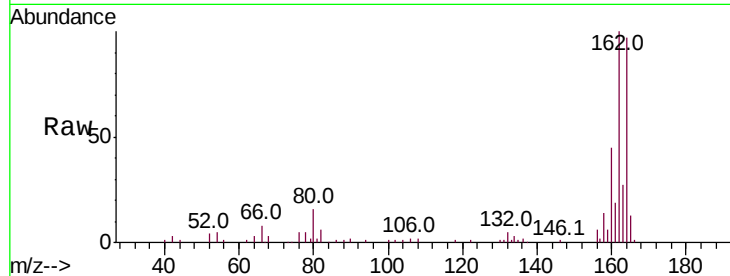




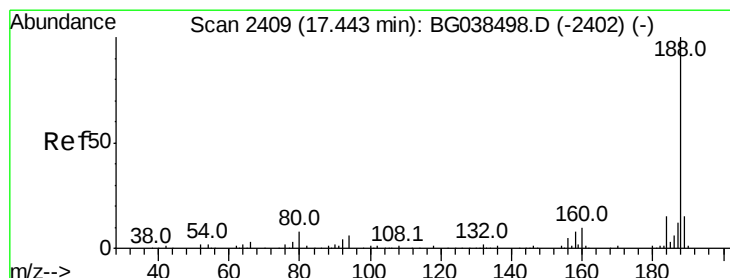
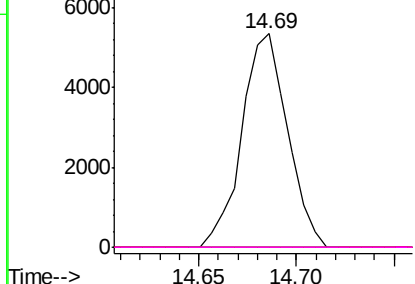
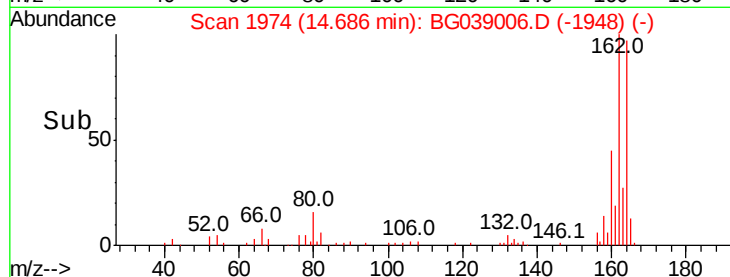
#57
 2,4-Dinitrotoluene
 Concen: 5.122 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG039006.D
 Acq: 8 Jan 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 8650
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 0.0 58.0 87.0#
 182 0.0 2.3 3.5#

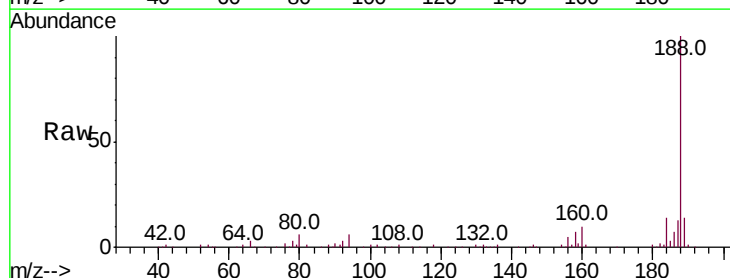


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

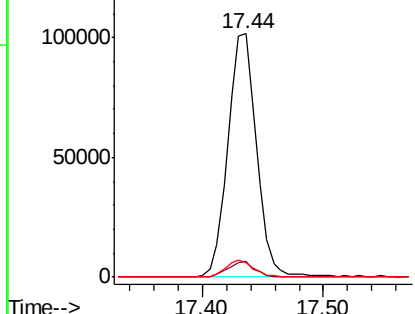
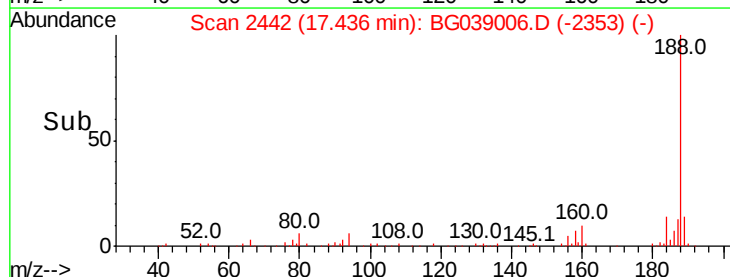


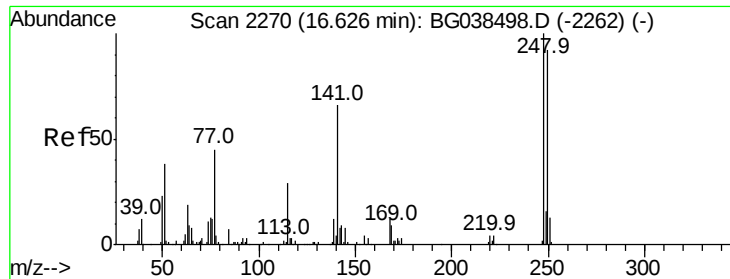
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG039006.D
 Acq: 8 Jan 2019 23:08

Tgt Ion:188 Resp: 168604
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.1 7.7
 80 6.1 6.1 9.1



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





#67

4-Bromophenyl-phenylether

Concen: 2.993 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG039006.D

Acq: 8 Jan 2019 23:08

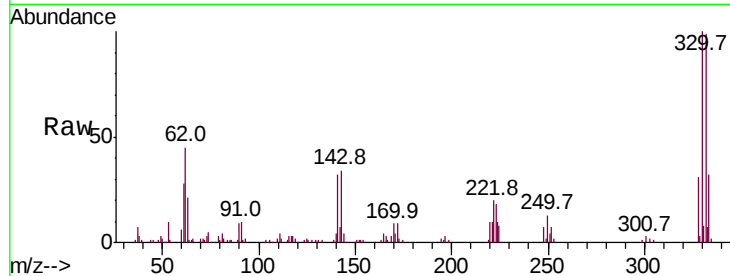
Instrument :

BNA_G

ClientSampled :

Tot Ion:248 Resp: 6163

Ion	Ratio	Lower	Upper
248	100		
250	189.4	73.4	110.2#
141	365.5	52.9	79.3#

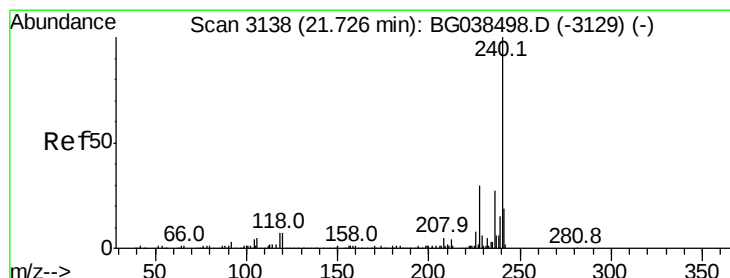
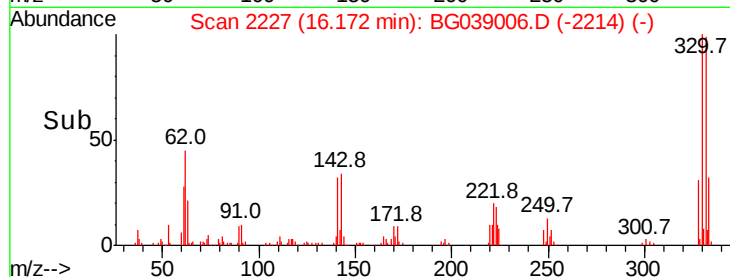
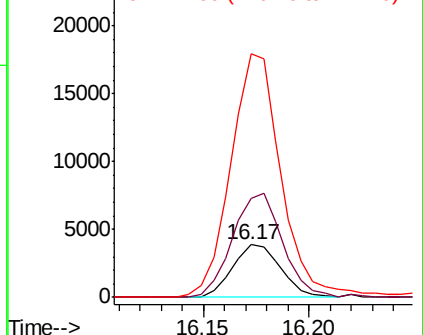


Abundance

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# 3170

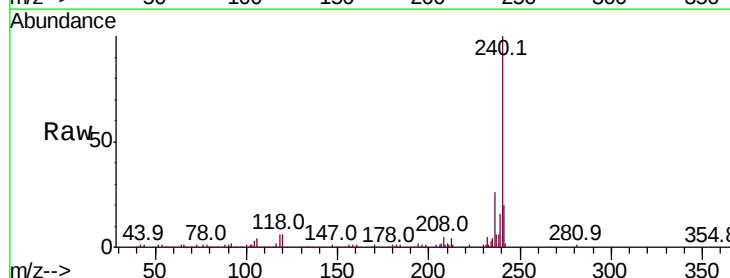
Delta R.T. -0.01 min

Lab File: BG039006.D

Acq: 8 Jan 2019 23:08

Tgt Ion:240 Resp: 168682

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	26.2	21.4	32.2

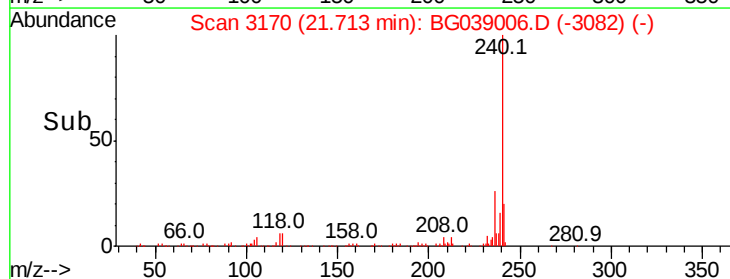
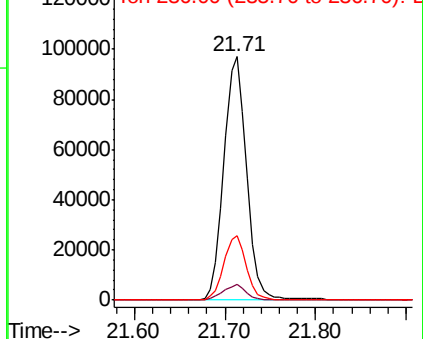


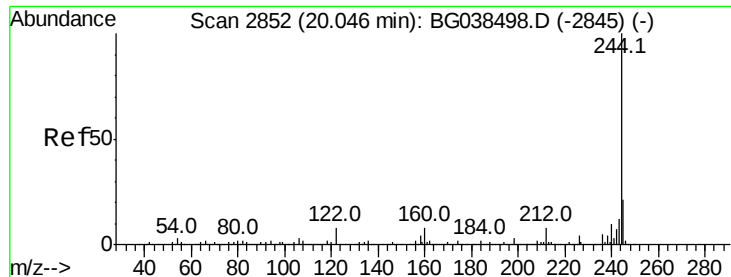
Abundance

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: 85.214 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039006.D

Acq: 8 Jan 2019 23:08

Instrument :

BNA_G

ClientSampleId :

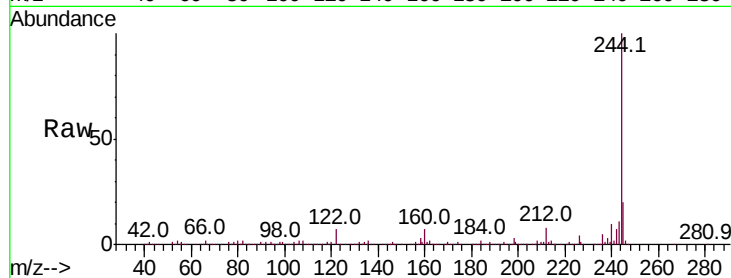
Tot Ion:244 Resp: 660472

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

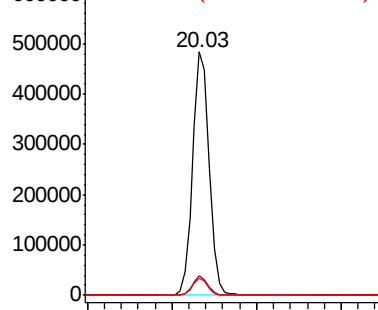
122 7.1 6.3 9.5



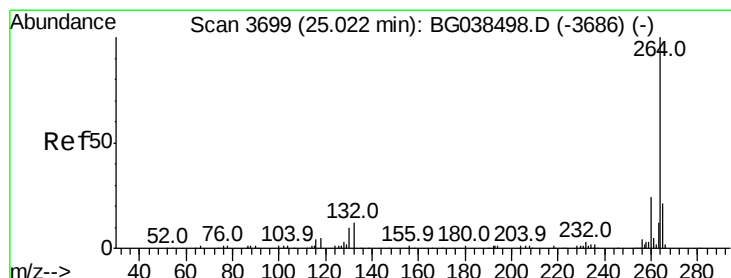
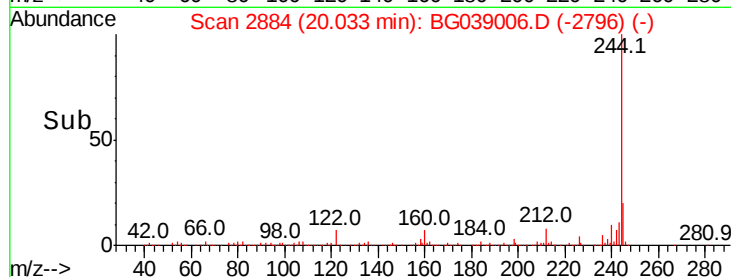
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.03 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG039006.D

Acq: 8 Jan 2019 23:08

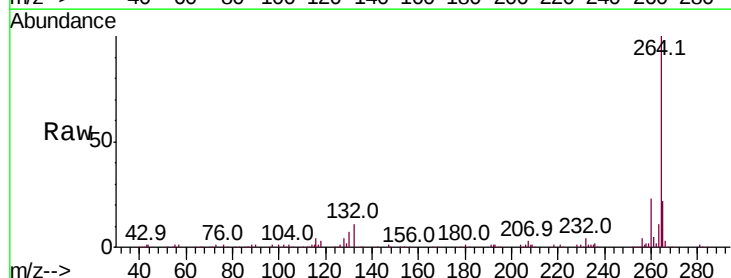
Tgt Ion:264 Resp: 176457

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

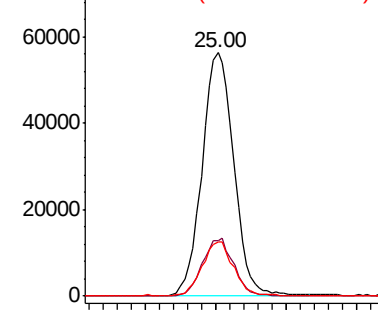
265 22.3 17.0 25.4



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



Time--> 24.90 25.00 25.10 25.20

