

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039948.D
 Acq On : 15 Mar 2019 19:28
 Operator : JU/SJ
 Sample : K1909-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101-102

Quant Time: Mar 16 04:09:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

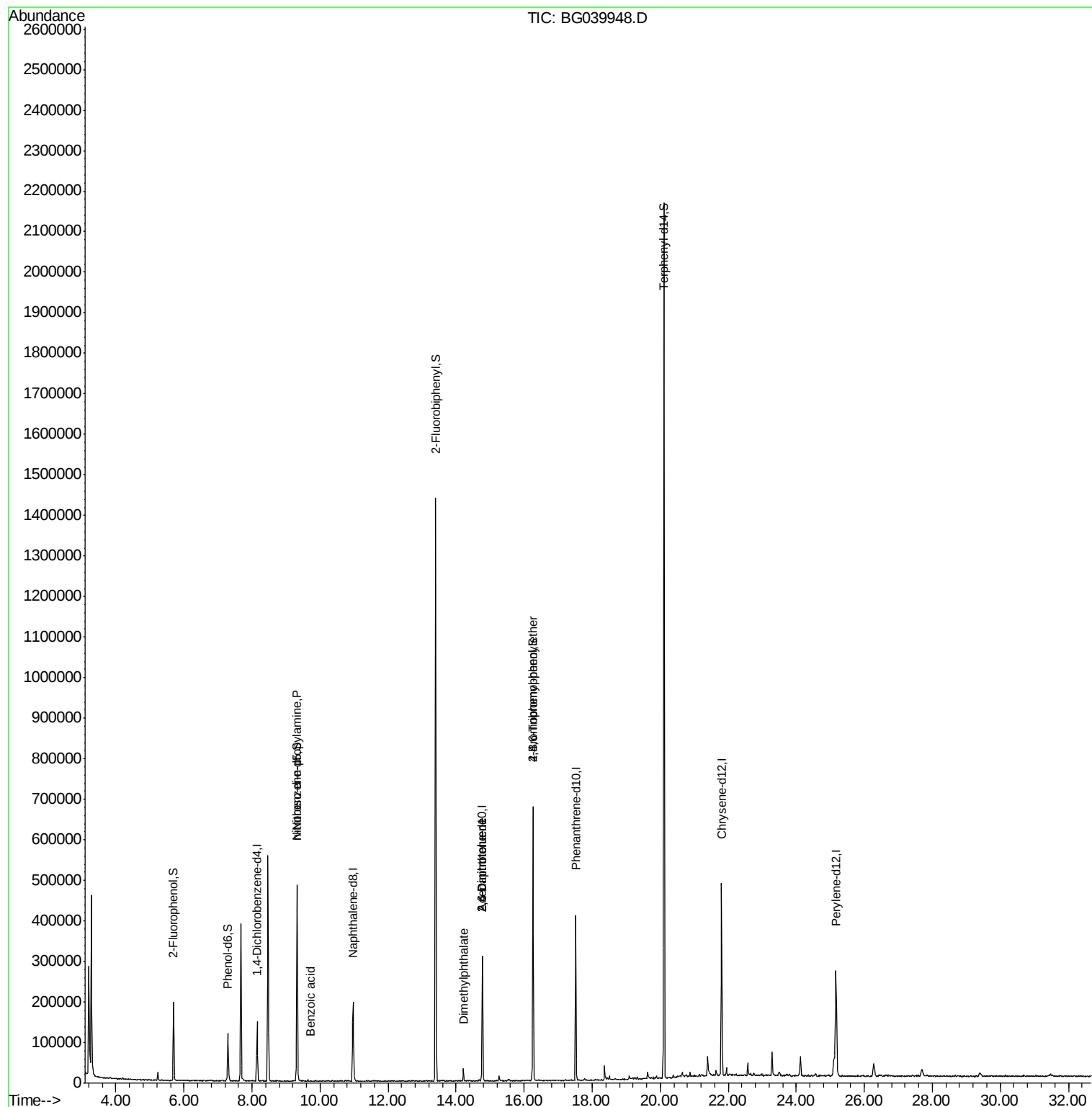
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40302	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	168647	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108621	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	259137	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	287788	20.00	ng	-0.03
87) Perylene-d12	25.17	264	295383	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	82771	35.04	ng	-0.02
7) Phenol-d6	7.29	99	69327	19.68	ng	-0.03
23) Nitrobenzene-d5	9.33	82	289515	92.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	114449	90.40	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	726059	95.17	ng	-0.02
79) Terphenyl-d14	20.11	244	988581	75.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	38528	15.196	ng	# 68
32) Benzoic acid	9.73	122	62	6.630	ng	# 1
50) Dimethylphthalate	14.22	163	21102	2.323	ng	# 98
51) 2,6-Dinitrotoluene	14.78	165	15049	7.816	ng	# 25
57) 2,4-Dinitrotoluene	14.78	165	15049	5.562	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	9220	3.179	ng	# 1

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

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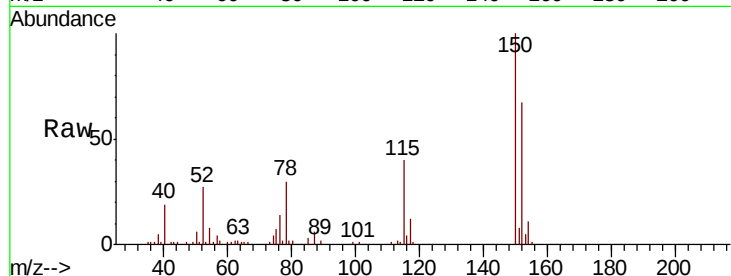


#1

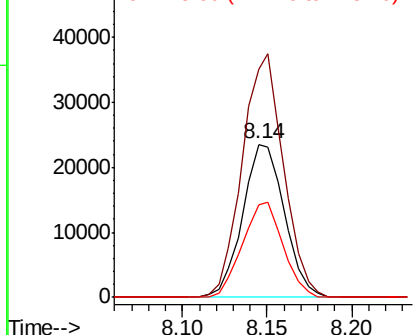
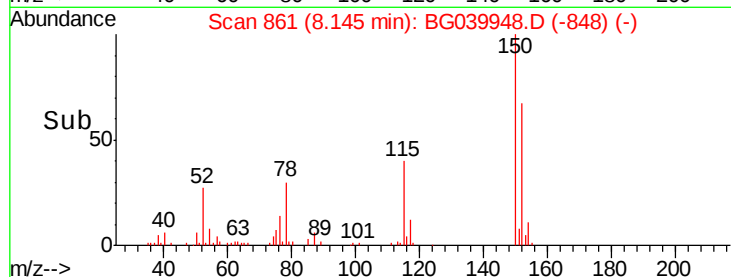
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:152 Resp: 40302
Ion Ratio Lower Upper
152 100
150 149.8 123.7 185.5
115 60.3 45.9 68.9



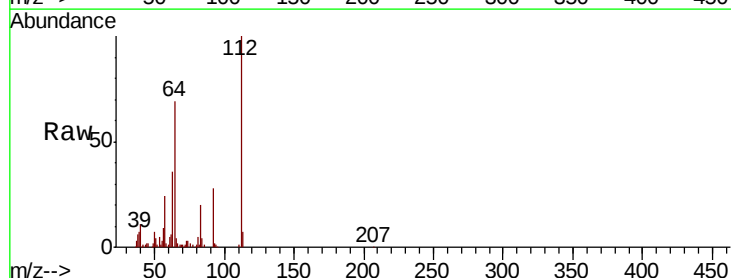
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



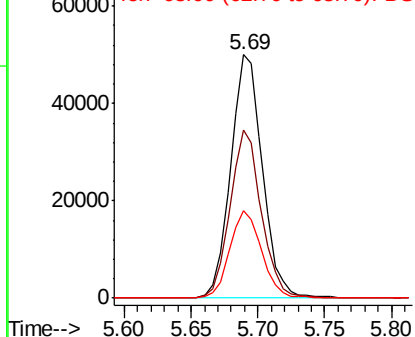
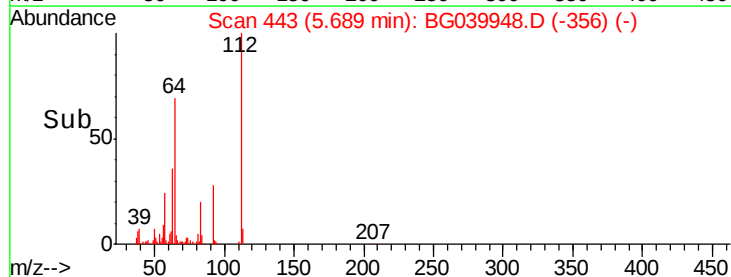
#5

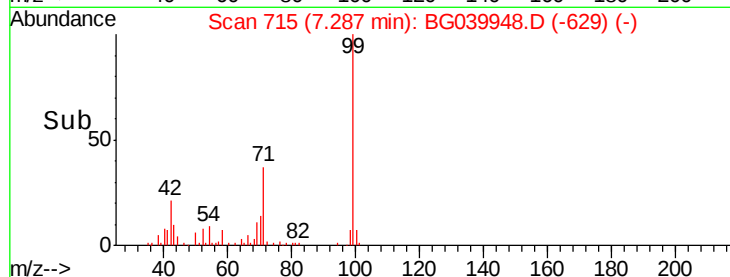
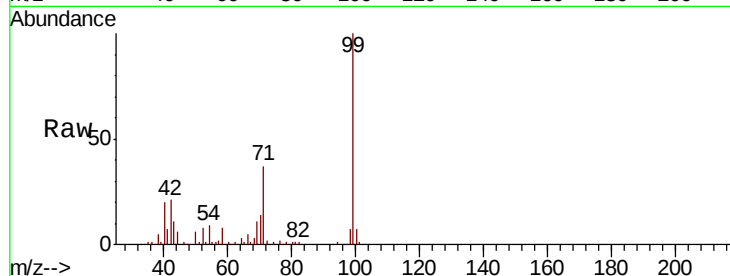
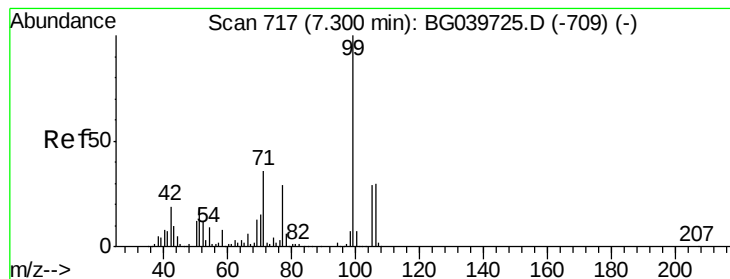
2-Fluorophenol
Concen: 35.037 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:112 Resp: 82771
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 35.9 29.8 44.6



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: 19.682 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

Instrument :

BNA_G

ClientSampled :

101-102

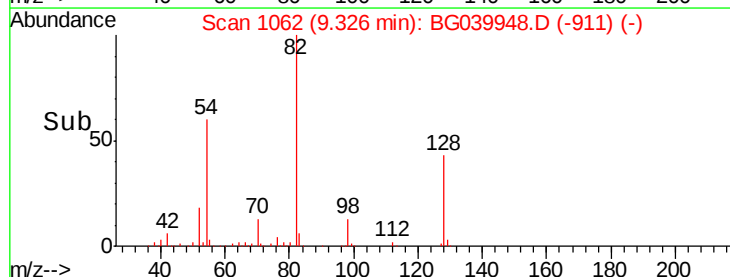
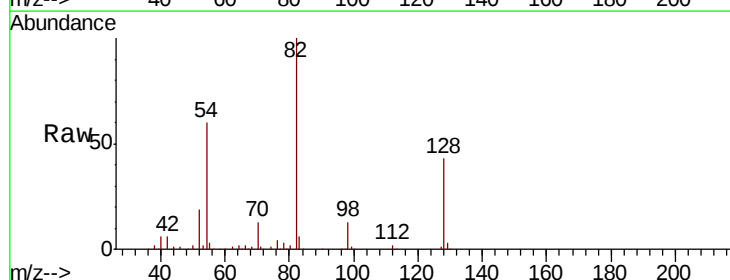
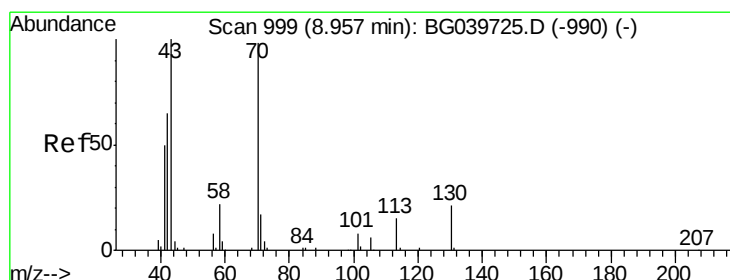
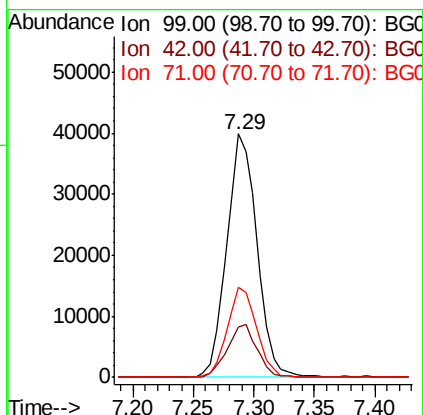
Tgt Ion: 99 Resp: 69327

Ion Ratio Lower Upper

99 100

42 20.7 18.2 27.2

71 36.8 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.196 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

Tgt Ion: 70 Resp: 38528

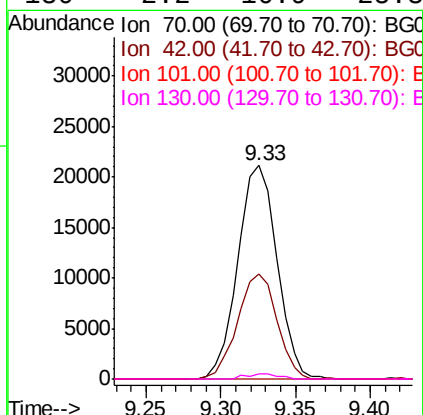
Ion Ratio Lower Upper

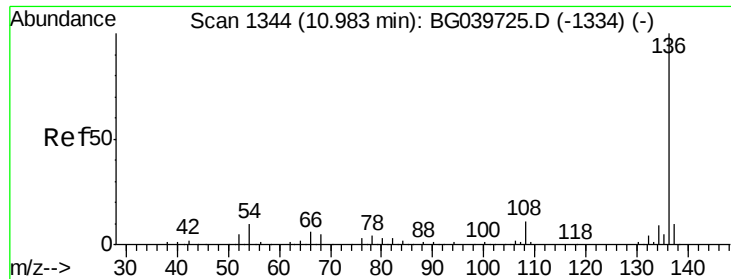
70 100

42 49.0 60.4 90.6#

101 0.0 7.5 11.3#

130 2.2 16.9 25.3#

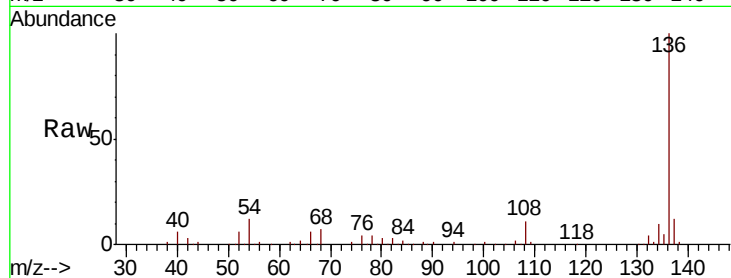




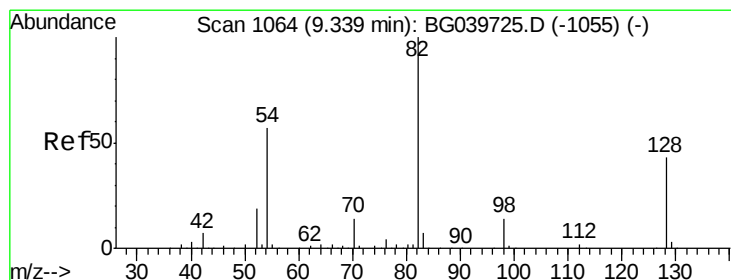
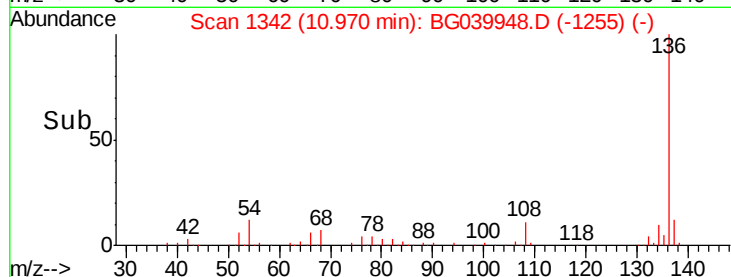
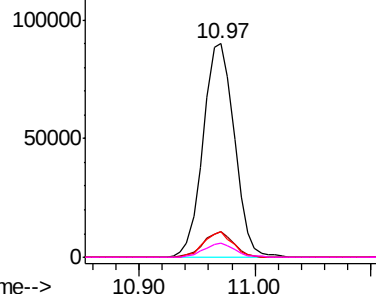
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:	136	Resp:	168647
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	11.9	9.4	14.2
68	6.9	4.2	6.4#

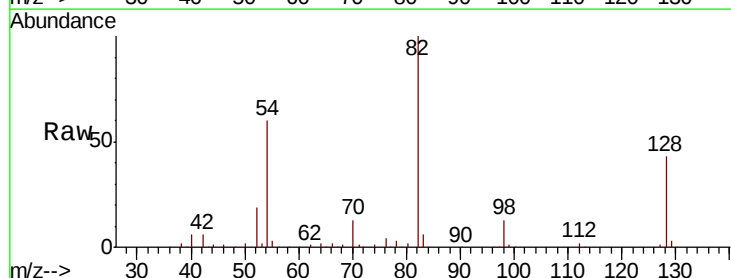


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

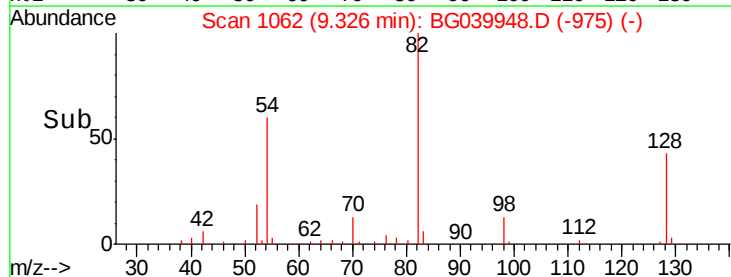
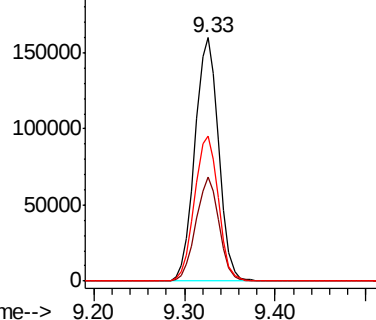


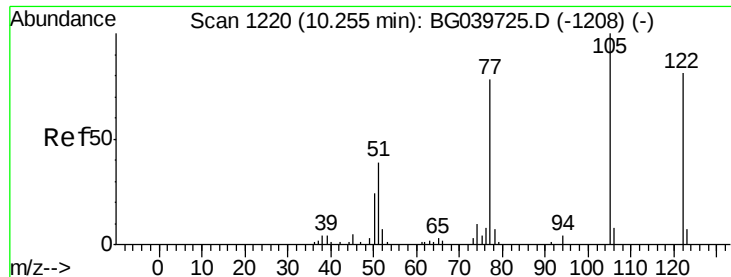
#23
Nitrobenzene-d5
Concen: 92.846 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:	82	Resp:	289515
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.7	50.9	76.3



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

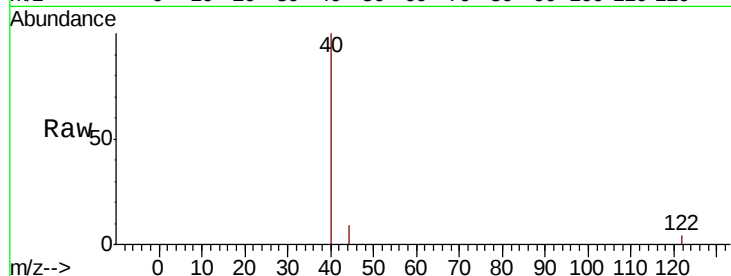




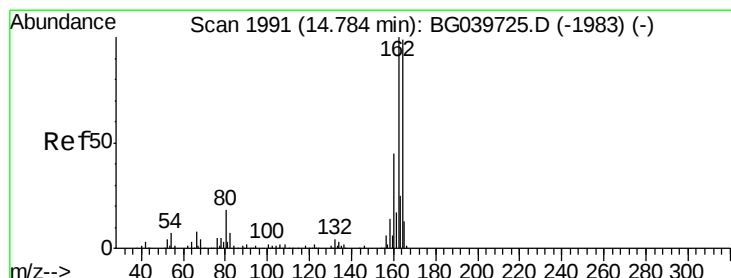
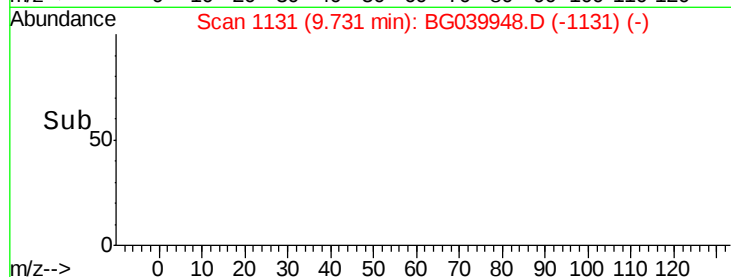
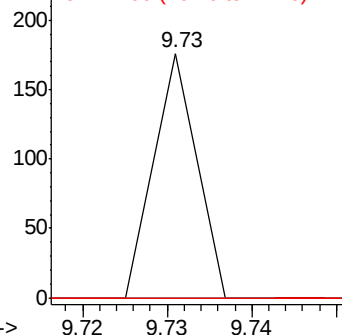
#32
Benzoic acid
Concen: 6.630 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.53 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

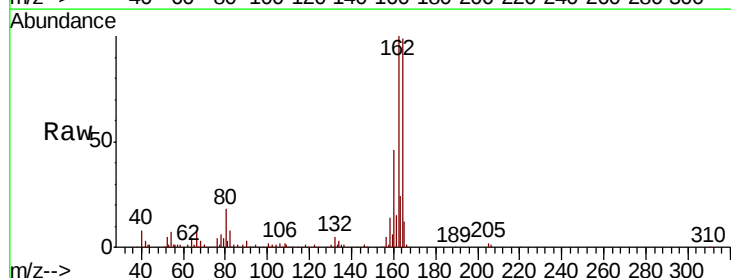


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

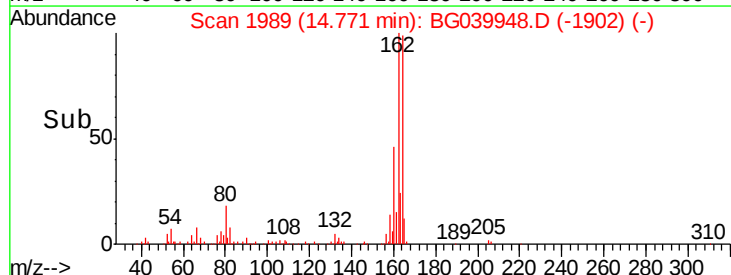
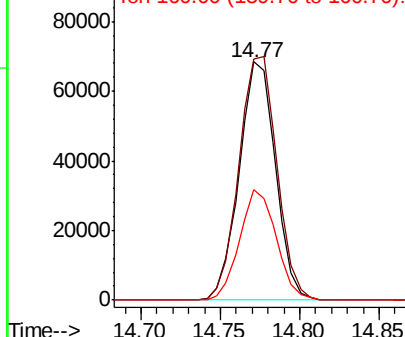


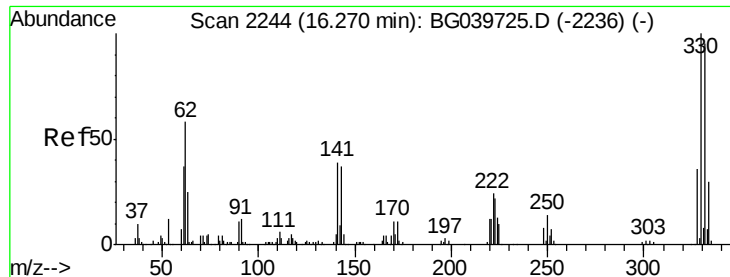
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.6	122.4
160	46.4	34.2	51.2



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

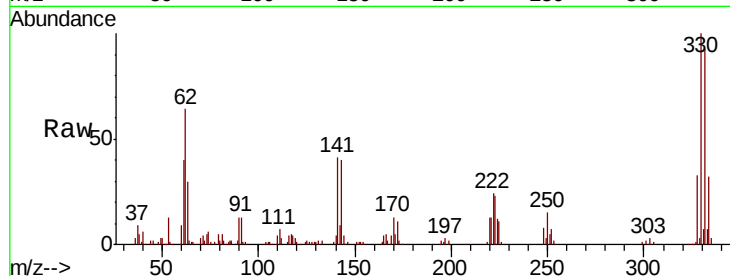




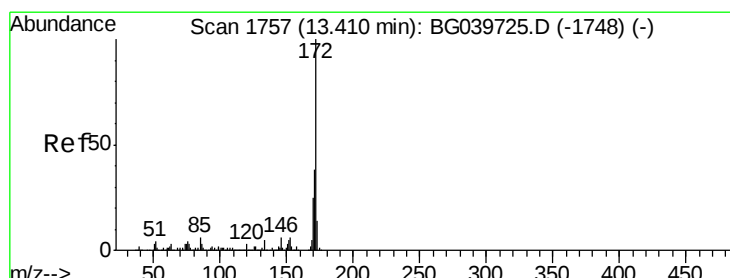
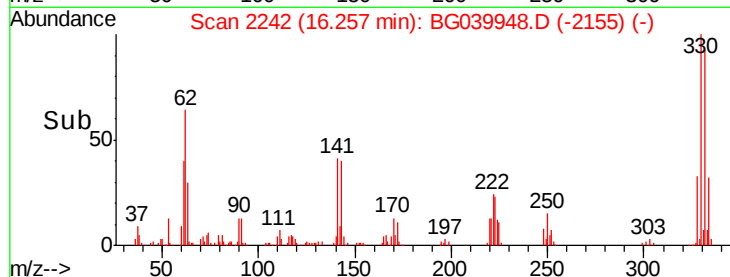
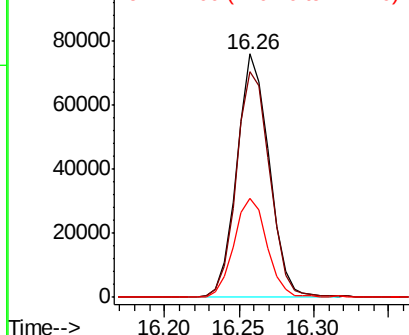
#42
 2,4,6-Tribromophenol
 Concen: 90.398 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039948.D
 Acq: 15 Mar 2019 19:28

Instrument :
 BNA_G
 ClientSampleId :
 101-102

Tgt Ion:330 Resp: 114449
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 41.6 35.6 53.4

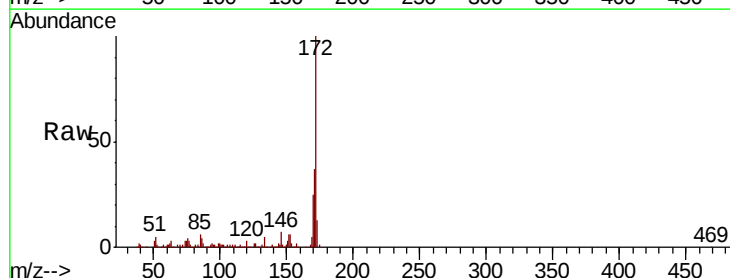


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

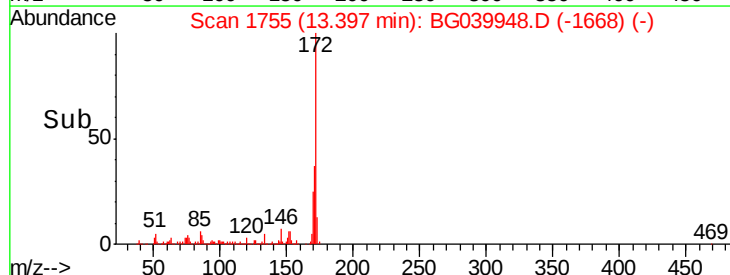
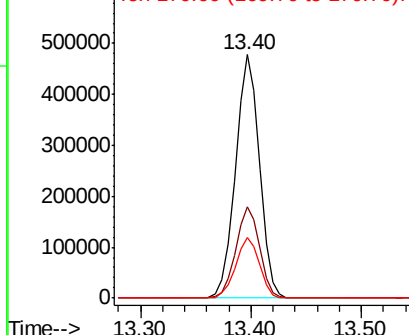


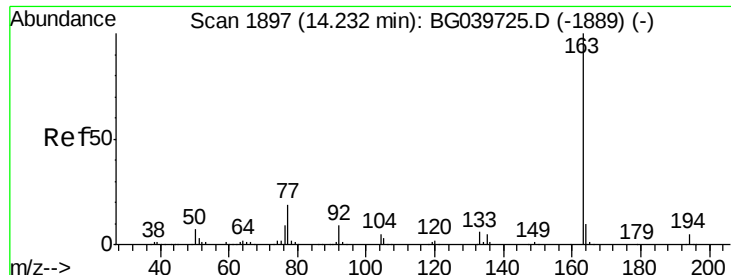
#45
 2-Fluorobiphenyl
 Concen: 95.174 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039948.D
 Acq: 15 Mar 2019 19:28

Tgt Ion:172 Resp: 726059
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.1 20.2 30.4



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: 2.323 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

Instrument :

BNA_G

ClientSampleId :

101-102

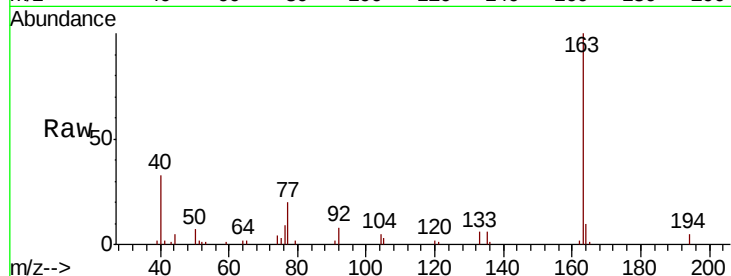
Tgt Ion:163 Resp: 21102

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

164 9.5 8.4 12.6

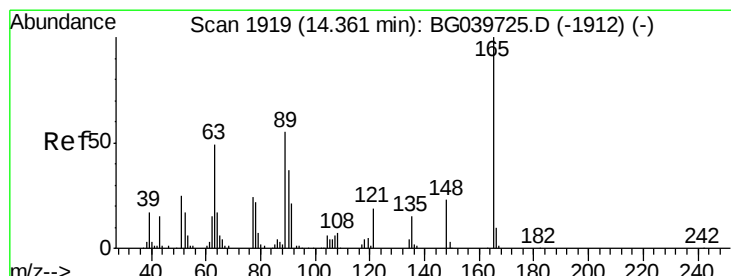
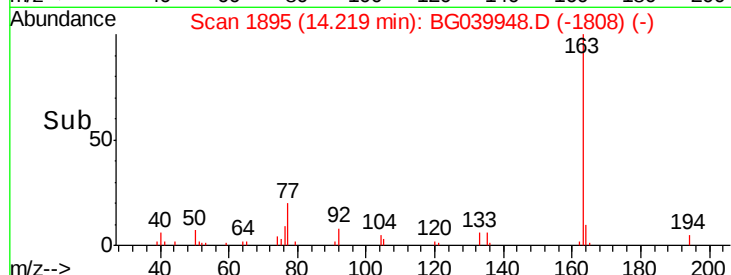
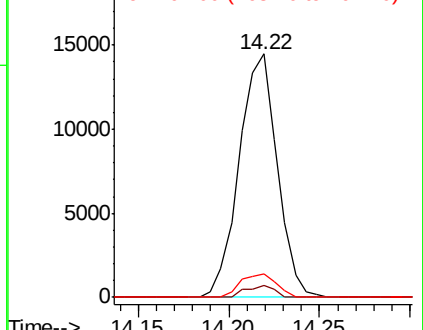


Abundance

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: 7.816 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

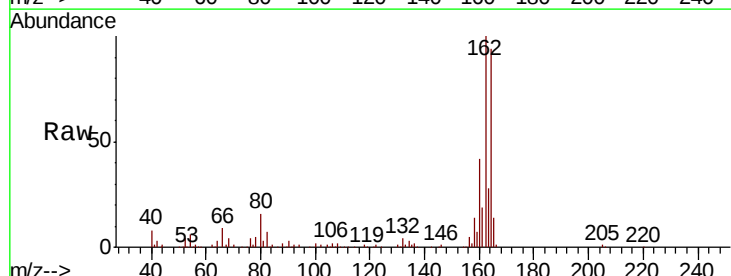
Tgt Ion:165 Resp: 15049

Ion Ratio Lower Upper

165 100

63 2.4 47.0 70.6#

89 2.4 45.8 68.8#

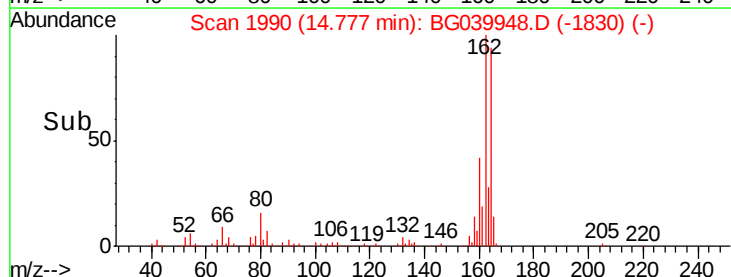
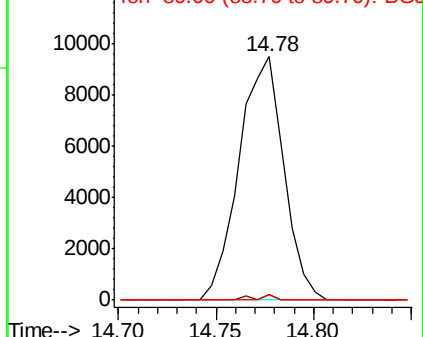


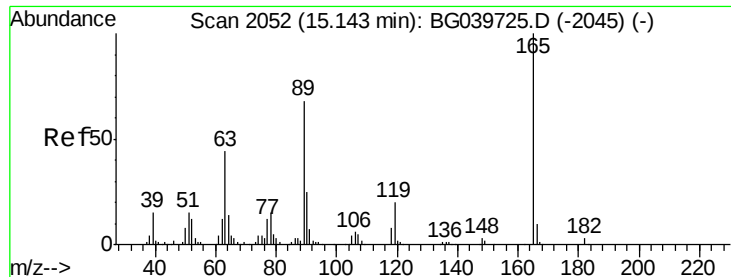
Abundance

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





#57

2,4-Dinitrotoluene

Concen: 5.562 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

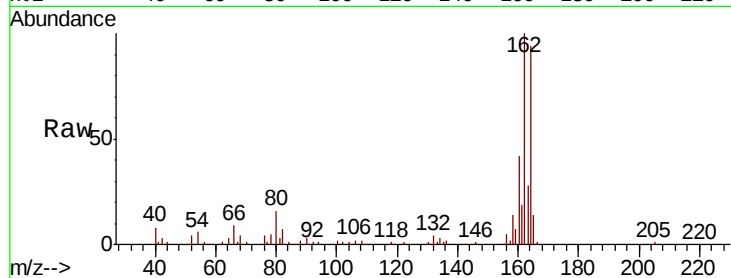
Instrument :

BNA_G

ClientSampleId :

101-102

Tgt Ion:	165	Resp:	15049
Ion	Ratio	Lower	Upper
165	100		
63	2.4	41.0	61.6#
89	2.4	64.6	96.8#
182	0.0	2.0	3.0#

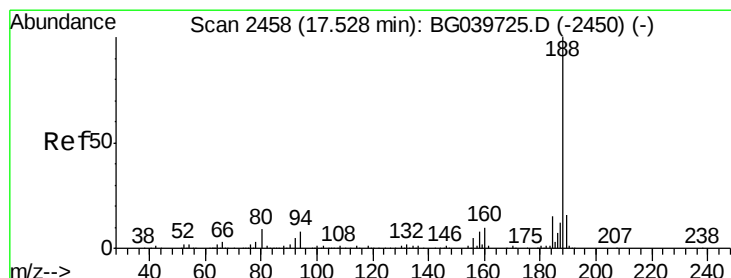
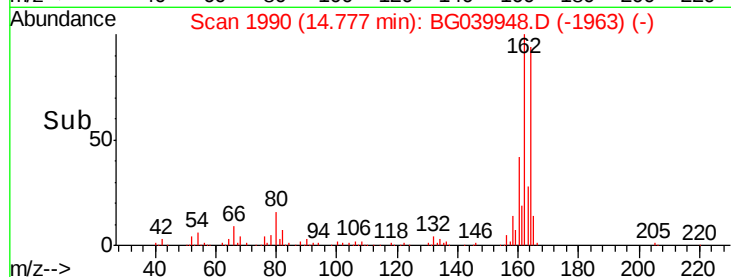
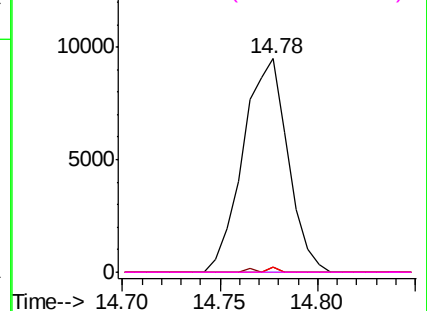


Abundance Ion 165.00 (164.70 to 165.70): E

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

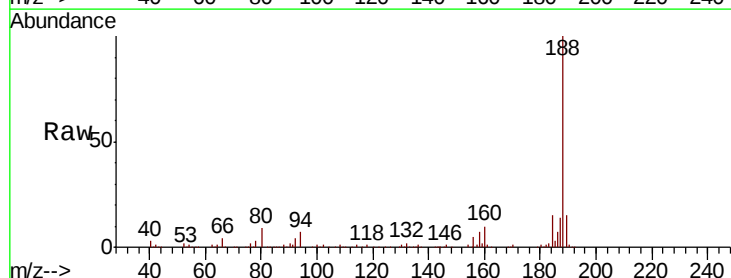
RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

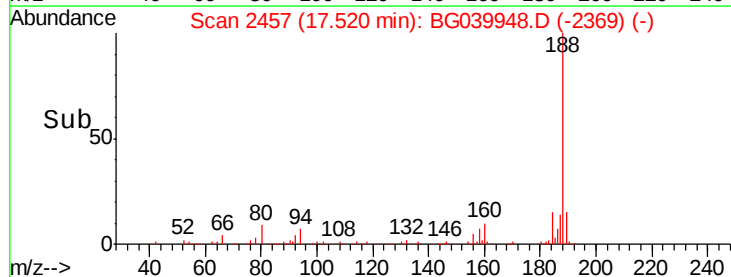
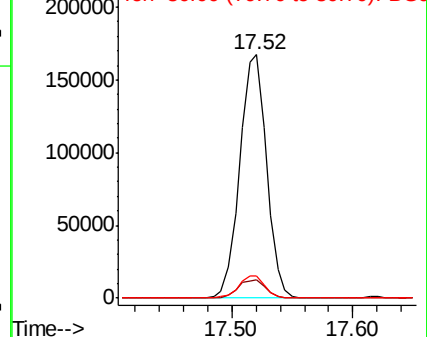
Tgt Ion:	188	Resp:	259137
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.2	8.1	12.1

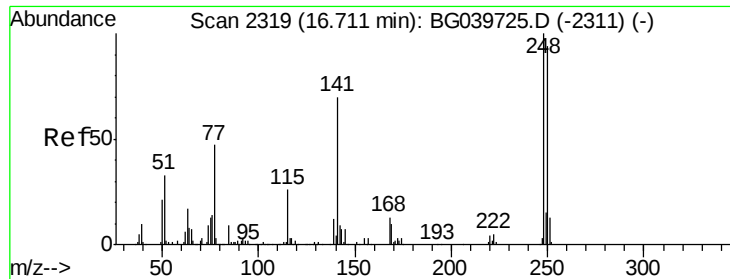


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

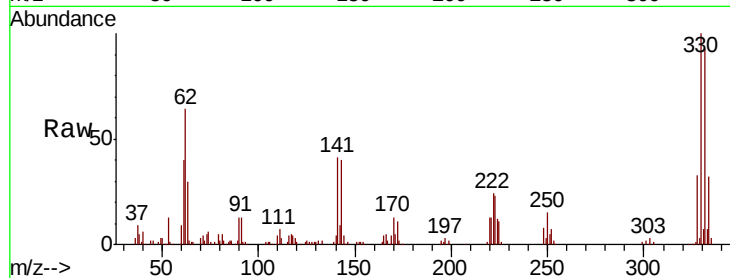




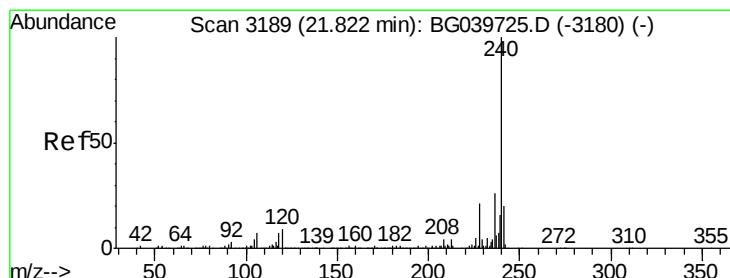
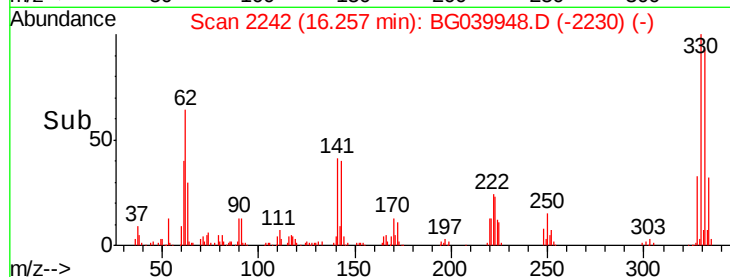
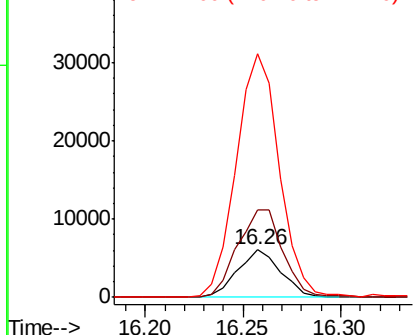
#67
4-Bromophenyl-phenylether
Concen: 3.179 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:248 Resp: 9220
Ion Ratio Lower Upper
248 100
250 183.5 77.6 116.4#
141 514.0 63.9 95.9#

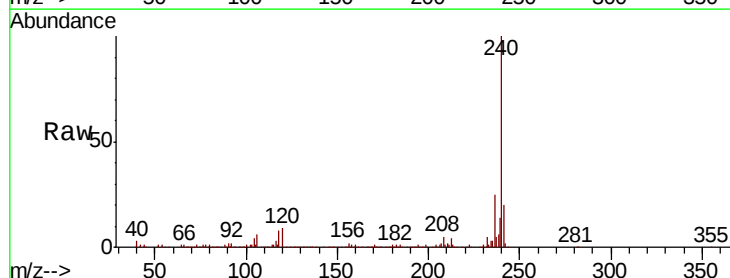


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

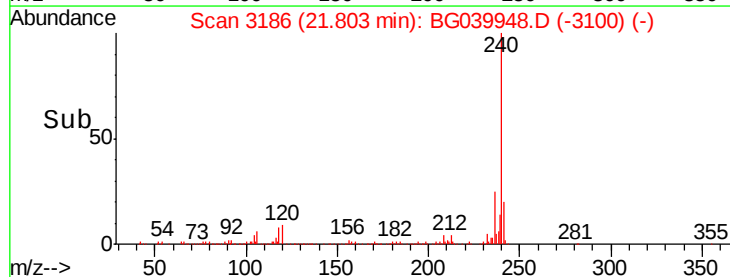
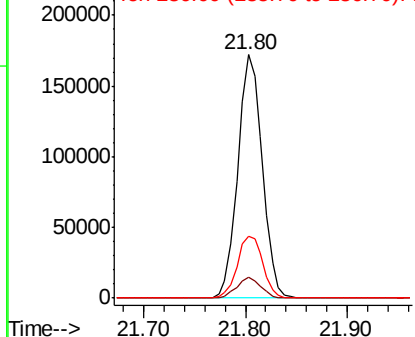


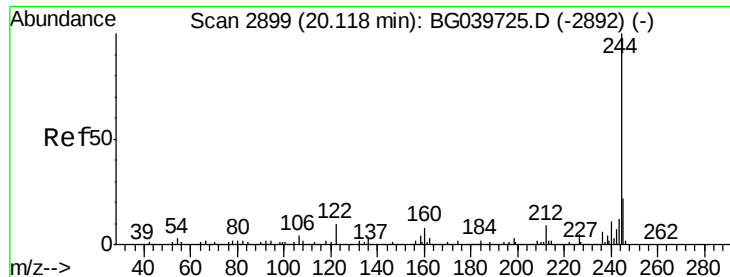
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:240 Resp: 287788
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.4 21.0 31.4



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: 75.634 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

Instrument :

BNA_G

ClientSampleId :

101-102

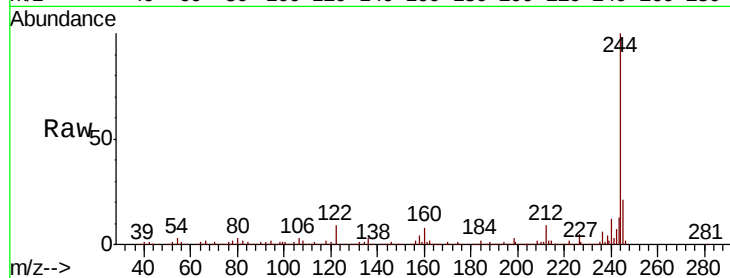
Tgt Ion:244 Resp: 988581

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

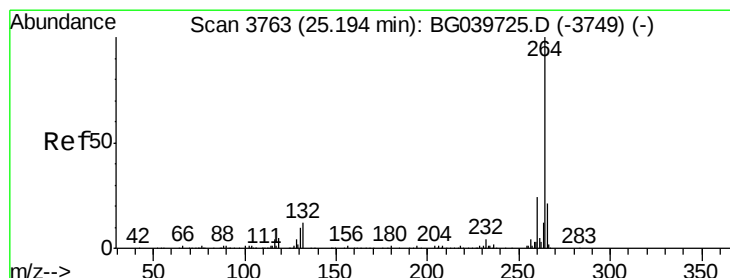
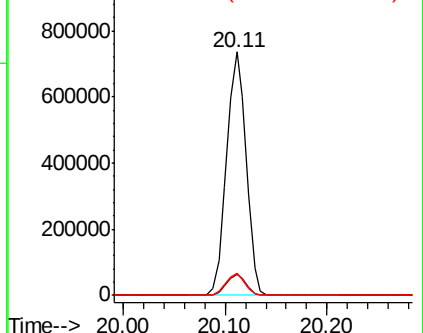
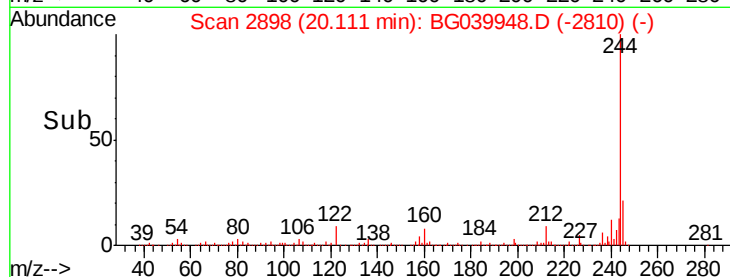
122 9.2 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

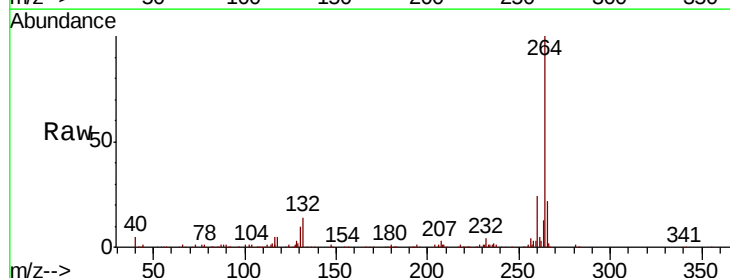
Tgt Ion:264 Resp: 295383

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.6 18.5 27.7



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

