

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039849.D
 Acq On : 11 Mar 2019 19:48
 Operator : JU/SJ
 Sample : K1807-25RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-16

Quant Time: Mar 12 03:38:05 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

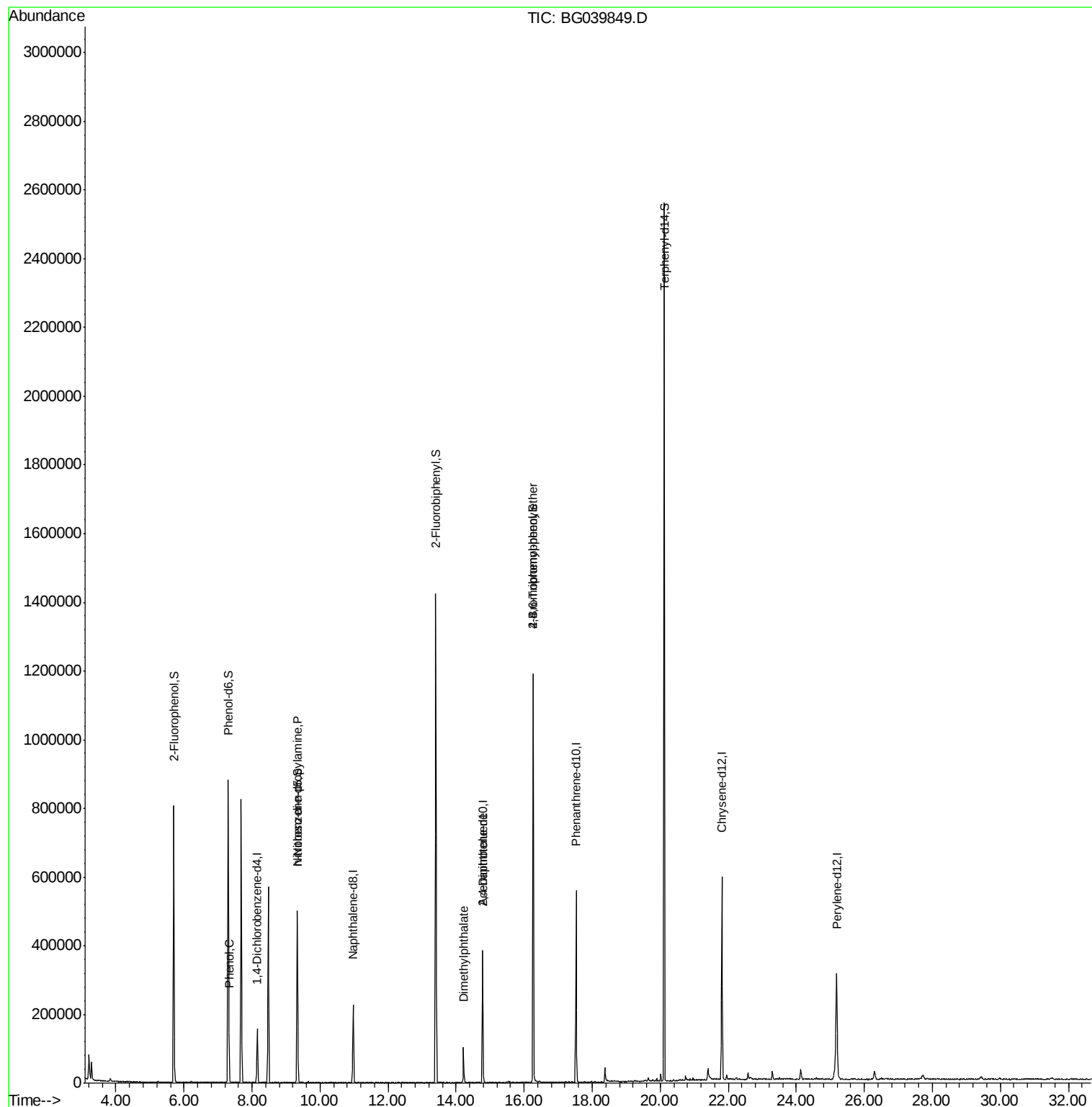
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43715	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	190309	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	138021	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	348195	20.00	ng	0.00
76) Chrysene-d12	21.81	240	362999	20.00	ng	-0.01
87) Perylene-d12	25.19	264	363133	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	341062	133.10	ng	-0.01
7) Phenol-d6	7.30	99	507033	132.71	ng	-0.01
23) Nitrobenzene-d5	9.33	82	295843	84.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	211202	131.28	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	721663	74.45	ng	-0.01
79) Terphenyl-d14	20.12	244	1165009	70.66	ng	0.00
Target Compounds						
10) Phenol	7.33	94	15790	3.815	ng	93
19) n-Nitroso-di-n-propylamine	9.33	70	38079	13.847	ng	# 72
50) Dimethylphthalate	14.22	163	72261	6.261	ng	99
57) 2,4-Dinitrotoluene	14.78	165	17559	5.108	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	16582	4.255	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: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

Instrument :

BNA_G

ClientSampled :

TP-16

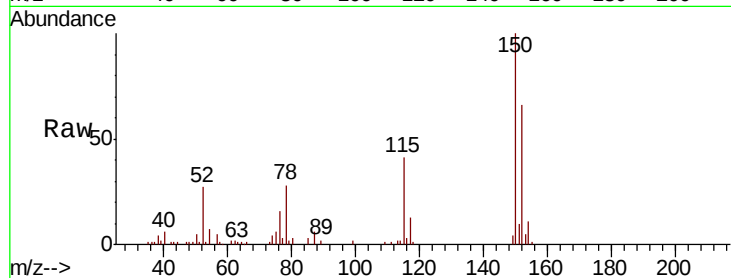
Tgt Ion:152 Resp: 43715

Ion Ratio Lower Upper

152 100

150 150.6 123.7 185.5

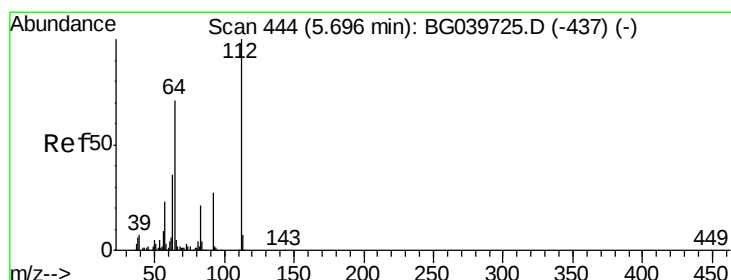
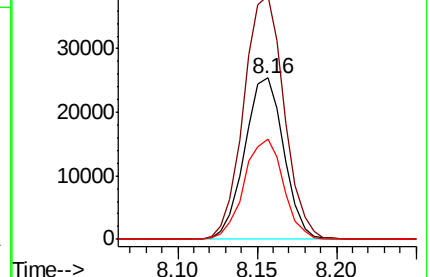
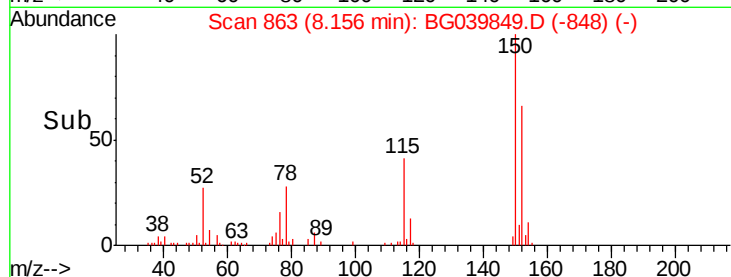
115 62.0 45.9 68.9



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: 133.102 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

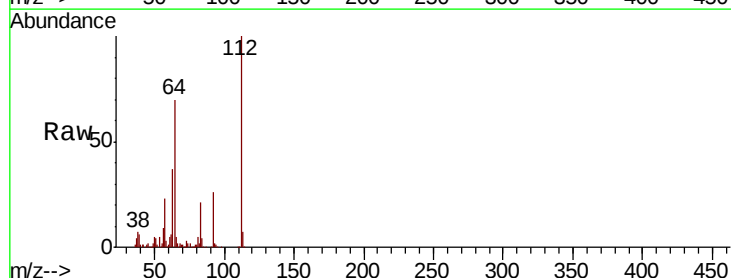
Tgt Ion:112 Resp: 341062

Ion Ratio Lower Upper

112 100

64 70.1 57.8 86.8

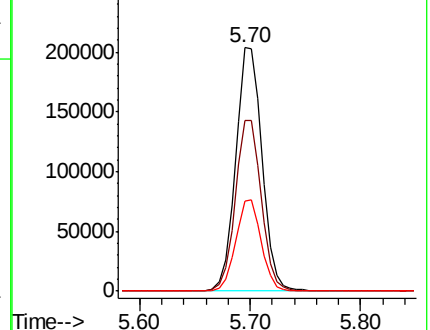
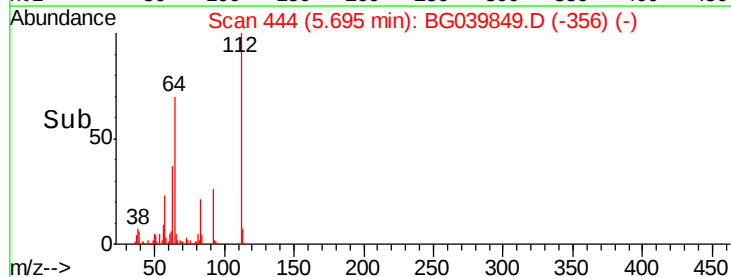
63 36.7 29.8 44.6

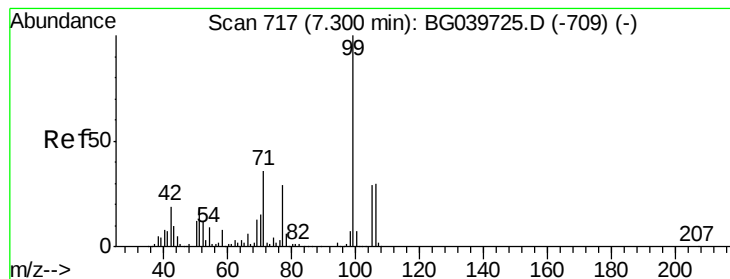


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.707 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

Instrument :

BNA_G

ClientSampleId :

TP-16

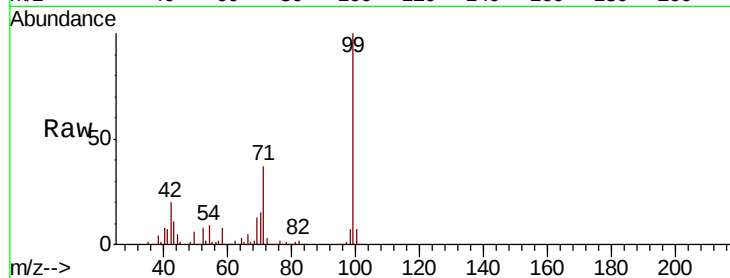
Tgt Ion: 99 Resp: 507033

Ion Ratio Lower Upper

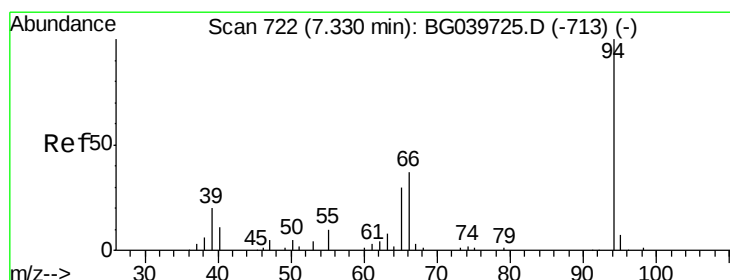
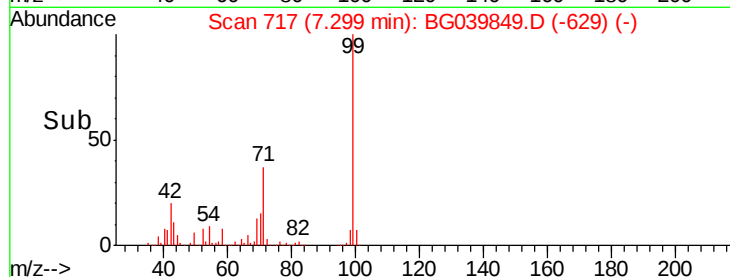
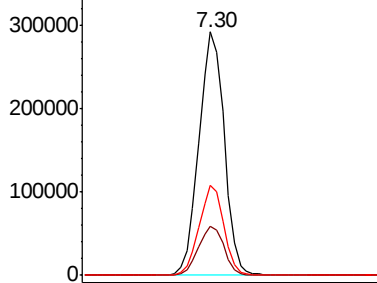
99 100

42 20.1 18.2 27.2

71 36.8 28.0 42.0



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: 3.815 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

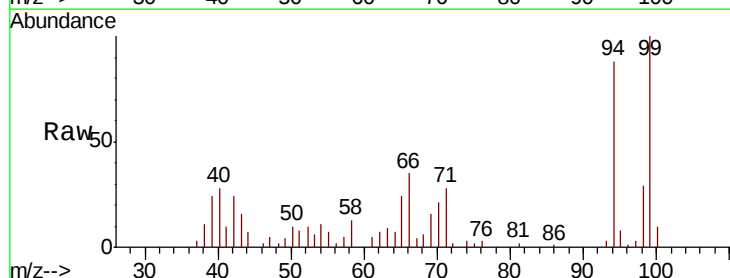
Tgt Ion: 94 Resp: 15790

Ion Ratio Lower Upper

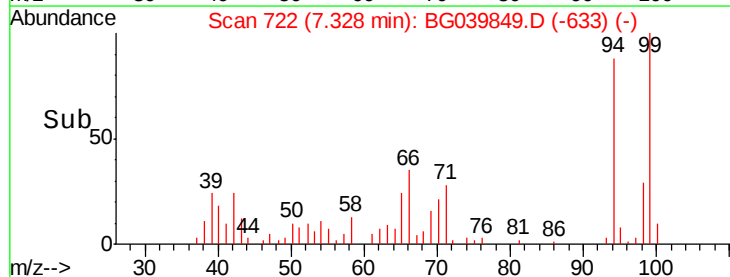
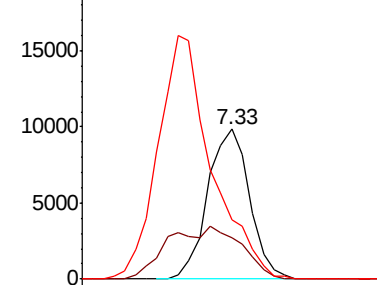
94 100

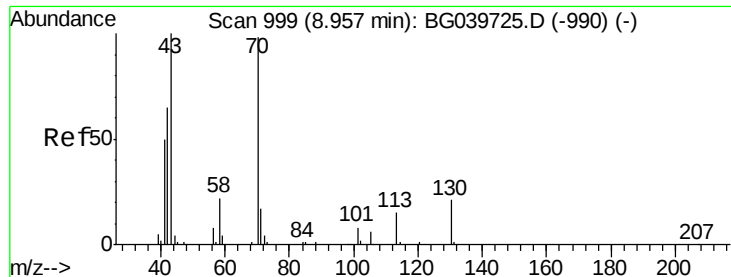
65 27.5 11.7 51.7

66 39.6 23.7 63.7



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

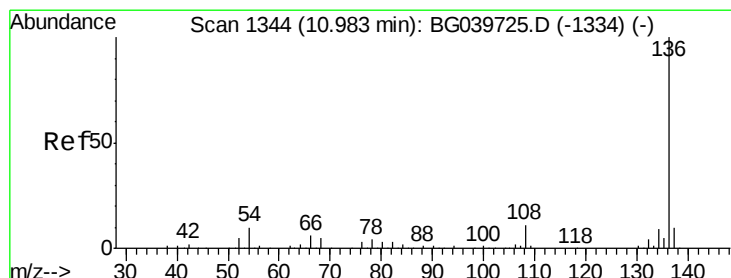
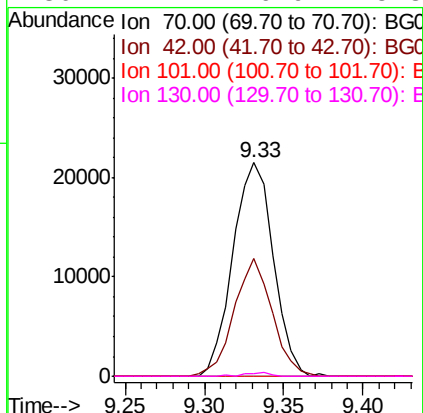
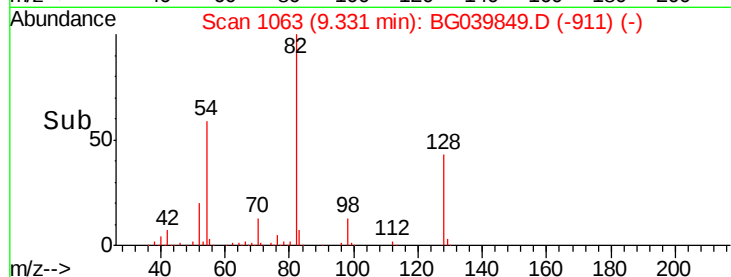
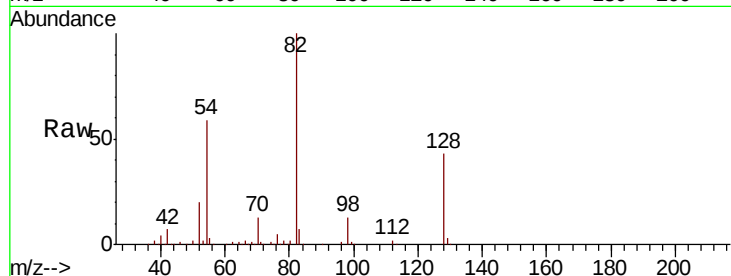




#19
n-Nitroso-di-n-propylamine
Concen: 13.847 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039849.D
Acq: 11 Mar 2019 19:48

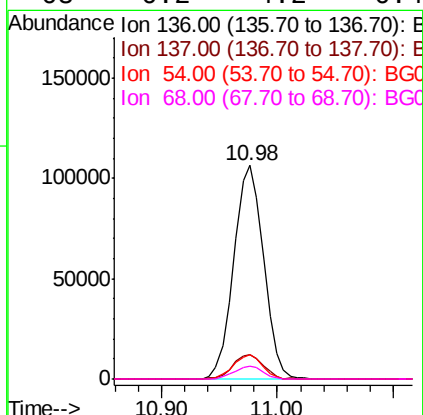
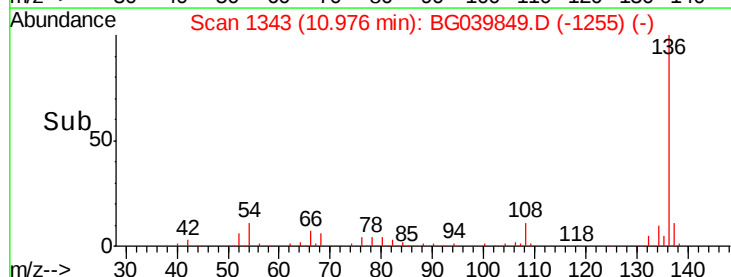
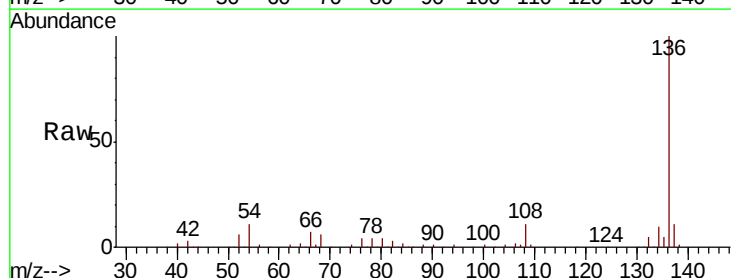
Instrument :
BNA_G
ClientSampleId :
TP-16

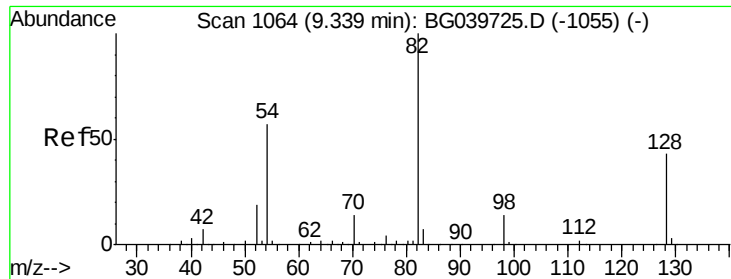
Tgt Ion: 70 Resp: 38079
Ion Ratio Lower Upper
70 100
42 54.9 60.4 90.6#
101 0.0 7.5 11.3#
130 1.4 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039849.D
Acq: 11 Mar 2019 19:48

Tgt Ion: 136 Resp: 190309
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 11.4 9.4 14.2
68 6.2 4.2 6.4

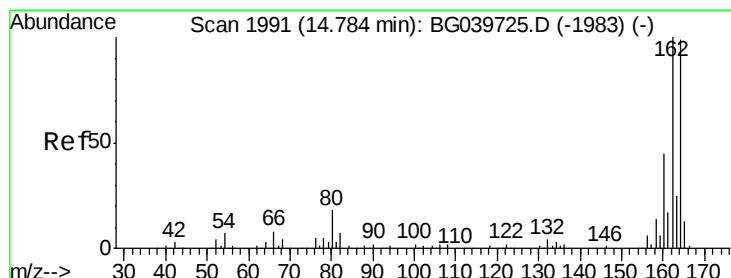
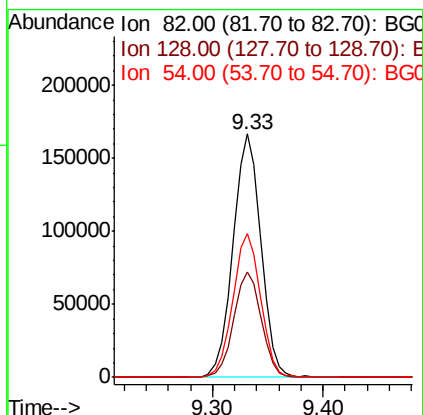
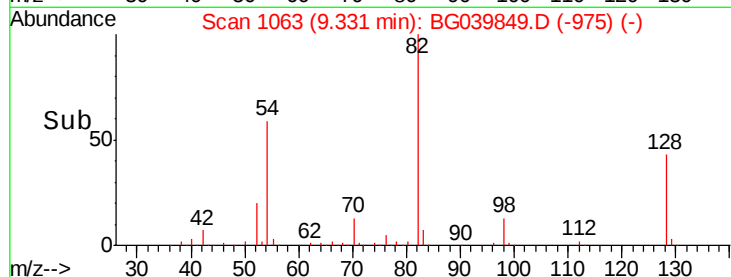
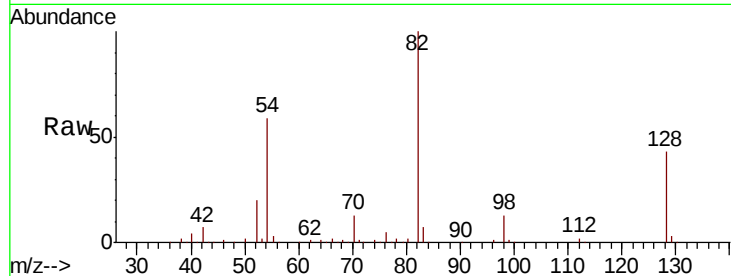




#23
 Nitrobenzene-d5
 Concen: 84.076 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039849.D
 Acq: 11 Mar 2019 19:48

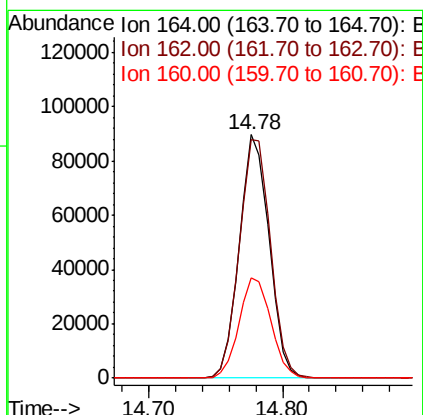
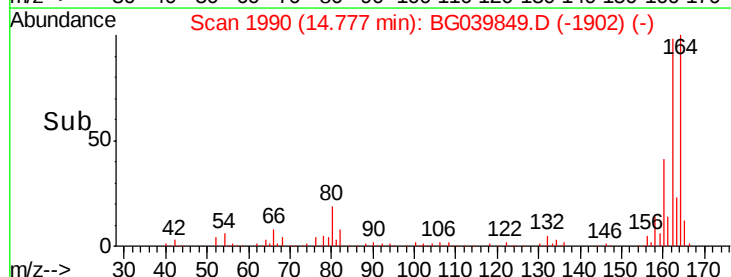
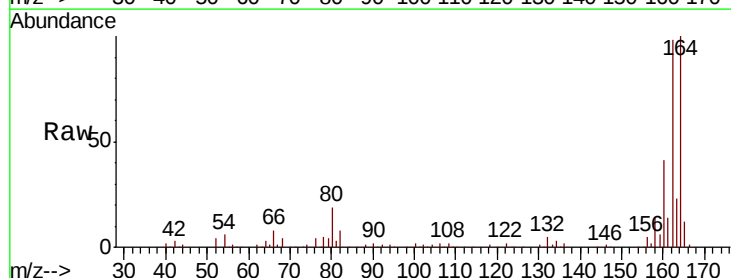
Instrument :
 BNA_G
 ClientSampled :
 TP-16

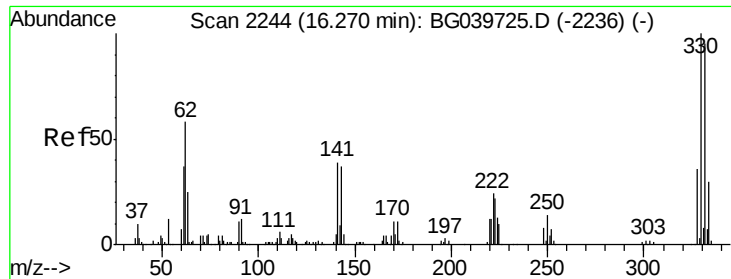
Tgt Ion: 82 Resp: 295843
 Ion Ratio Lower Upper
 82 100
 128 43.0 31.3 46.9
 54 59.1 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039849.D
 Acq: 11 Mar 2019 19:48

Tgt Ion: 164 Resp: 138021
 Ion Ratio Lower Upper
 164 100
 162 98.2 81.6 122.4
 160 41.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 131.284 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

Instrument :

BNA_G

ClientSampleId :

TP-16

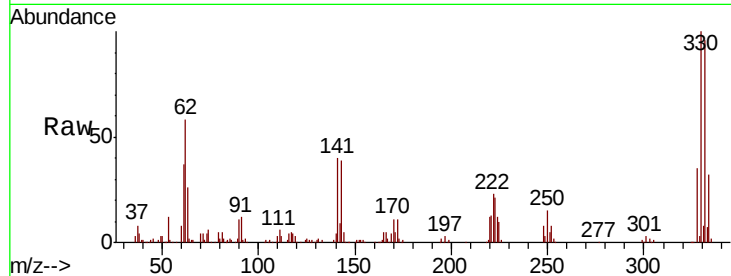
Tgt Ion:330 Resp: 211202

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

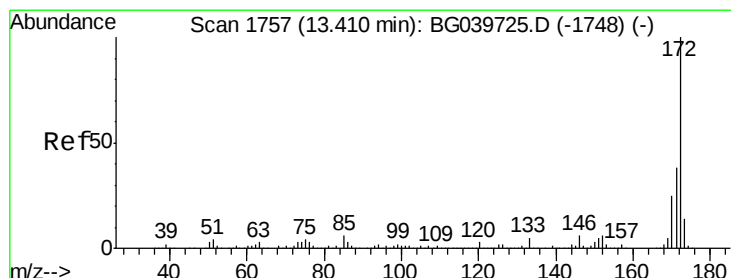
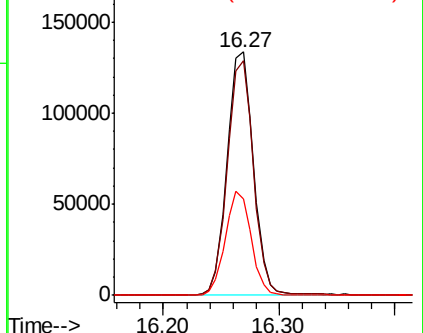
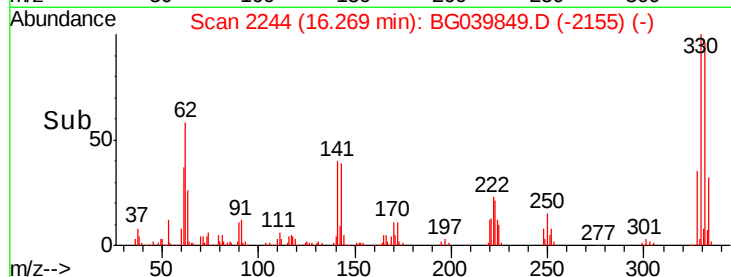
141 41.9 35.6 53.4



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: 74.447 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

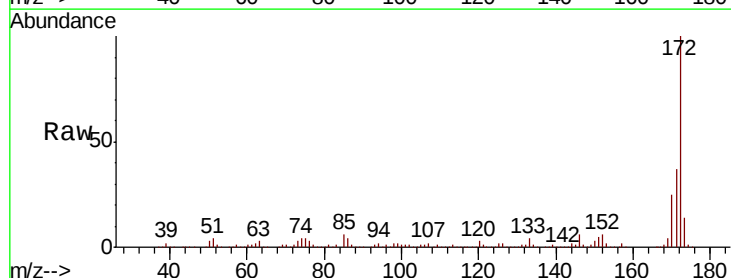
Tgt Ion:172 Resp: 721663

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

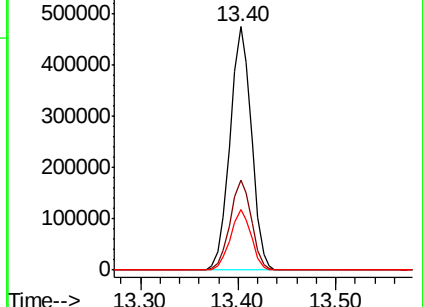
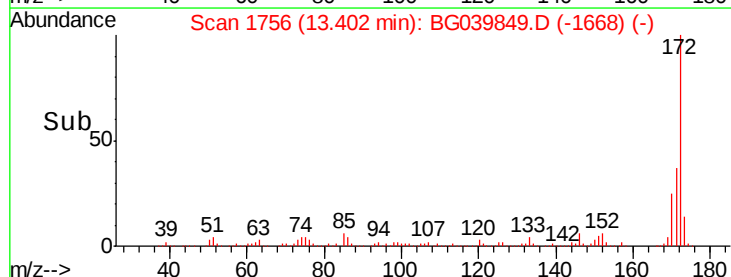
170 24.7 20.2 30.4

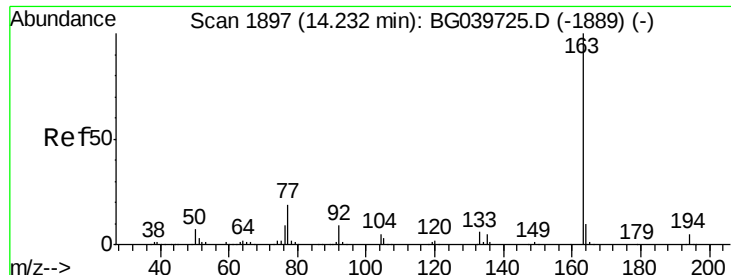


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.261 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

Instrument :

BNA_G

ClientSampleId :

TP-16

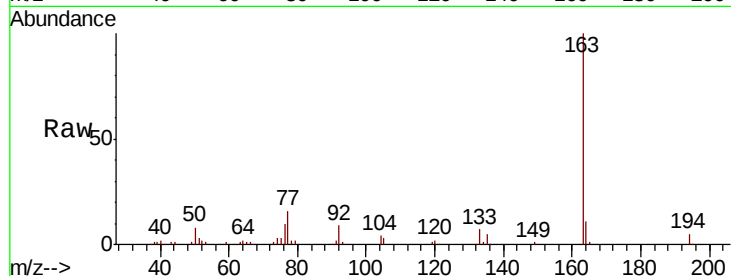
Tgt Ion:163 Resp: 72261

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

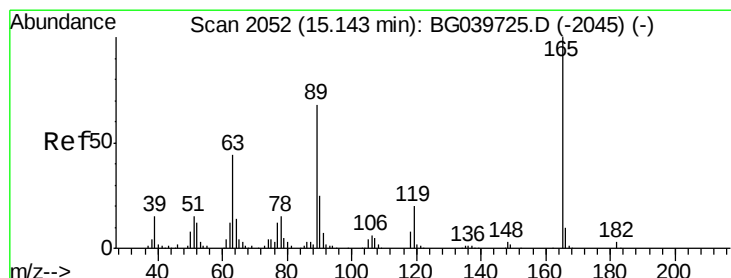
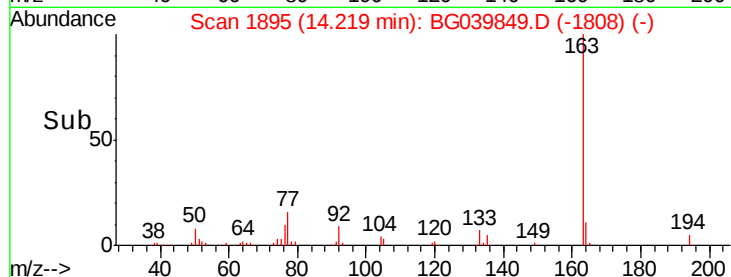
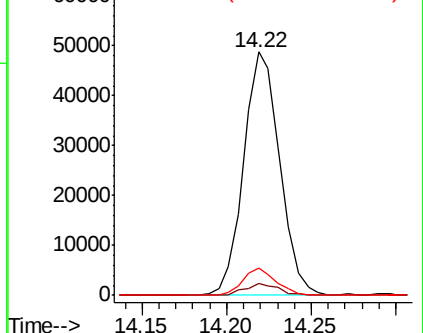
164 11.0 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.108 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.37 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

Tgt Ion:165 Resp: 17559

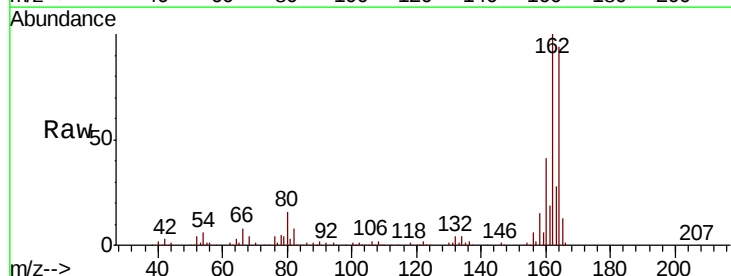
Ion Ratio Lower Upper

165 100

63 1.9 41.0 61.6#

89 1.3 64.6 96.8#

182 0.0 2.0 3.0#

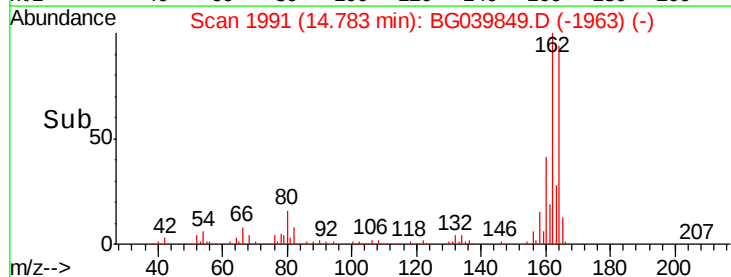
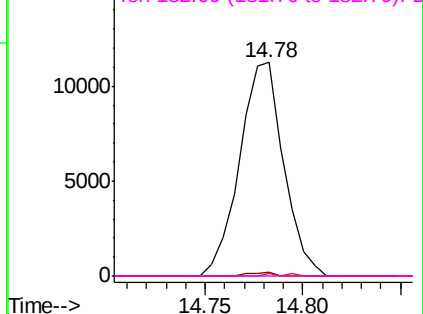


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

Instrument :

BNA_G

ClientSampleId :

TP-16

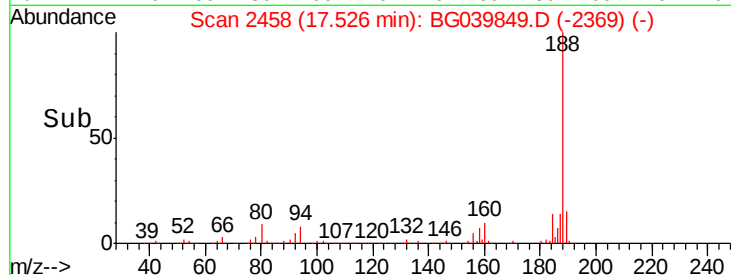
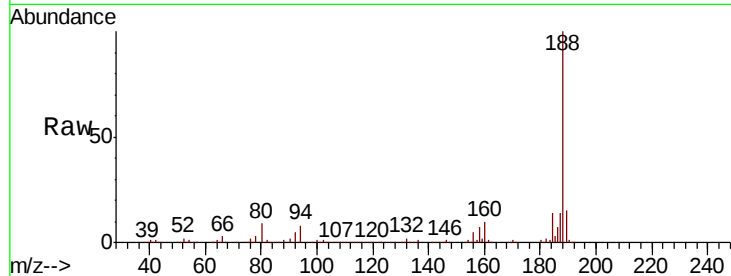
Tgt Ion:188 Resp: 348195

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

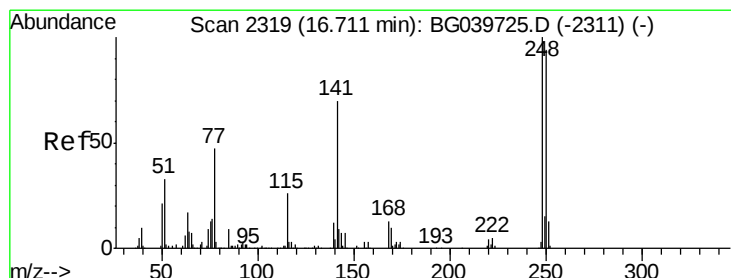
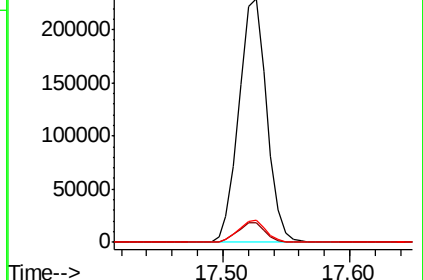
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.255 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.45 min

Lab File: BG039849.D

Acq: 11 Mar 2019 19:48

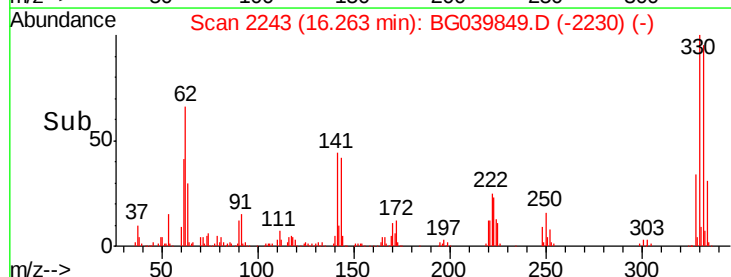
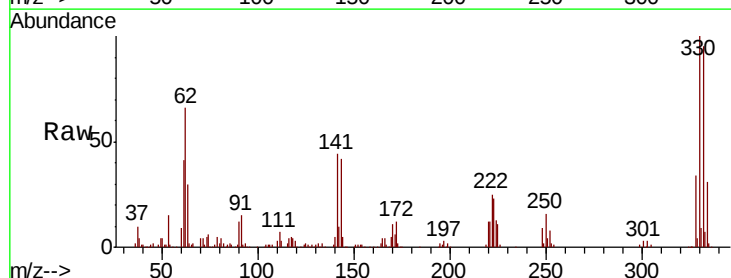
Tgt Ion:248 Resp: 16582

Ion Ratio Lower Upper

248 100

250 183.4 77.6 116.4#

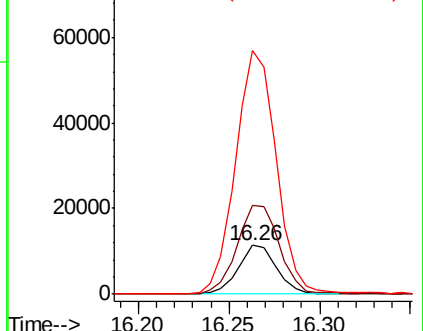
141 502.1 63.9 95.9#

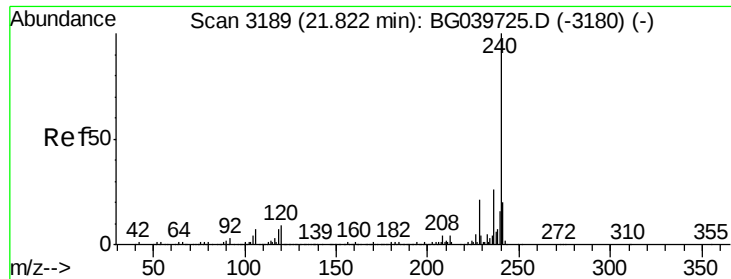


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

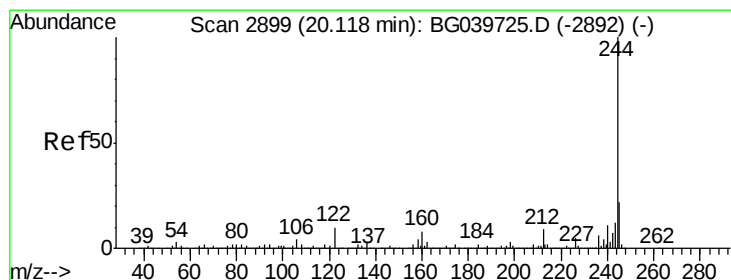
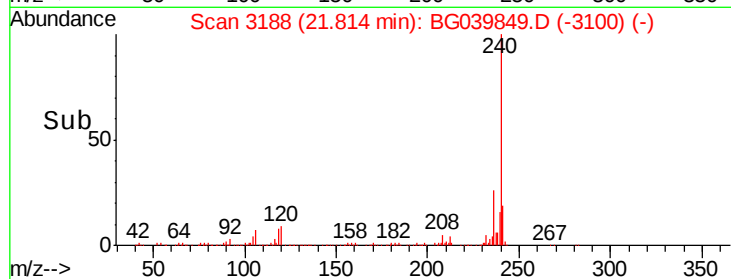
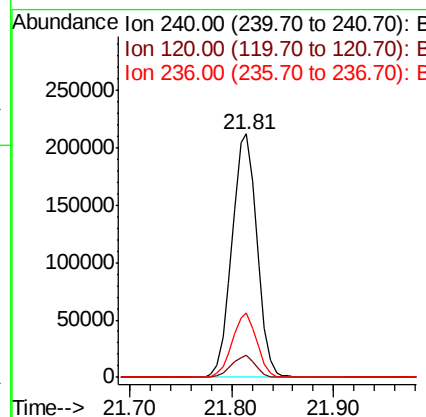
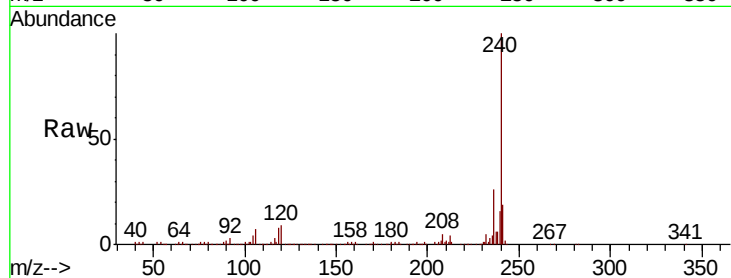




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039849.D
Acq: 11 Mar 2019 19:48

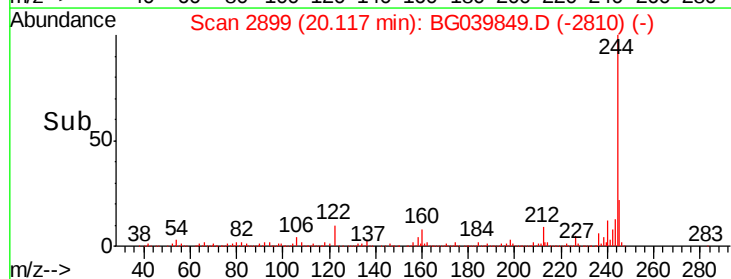
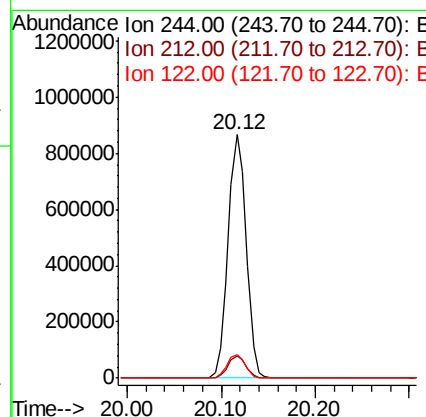
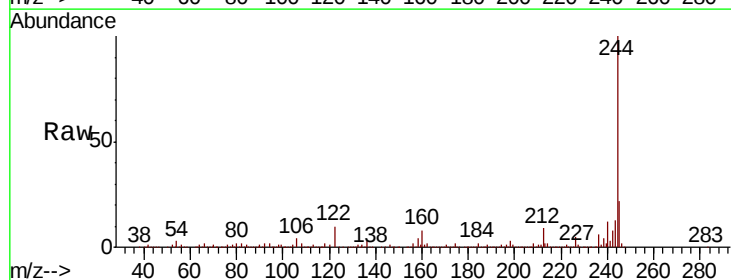
Instrument :
BNA_G
ClientSampled :
TP-16

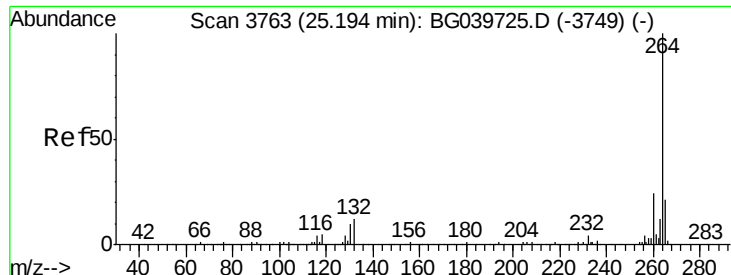
Tgt Ion:240 Resp: 362999
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 70.665 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039849.D
Acq: 11 Mar 2019 19:48

Tgt Ion:244 Resp: 1165009
Ion Ratio Lower Upper
244 100
212 9.1 7.3 10.9
122 9.7 8.4 12.6

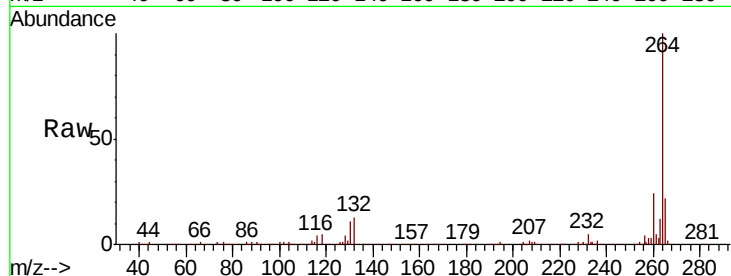




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039849.D
Acq: 11 Mar 2019 19:48

Instrument :
BNA_G
ClientSampleId :
TP-16

Tgt Ion:	264	Resp:	363133
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.2	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

