

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040208.D
 Acq On : 28 Mar 2019 20:24
 Operator : JU/SJ
 Sample : K2107-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Mar 29 05:47:10 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

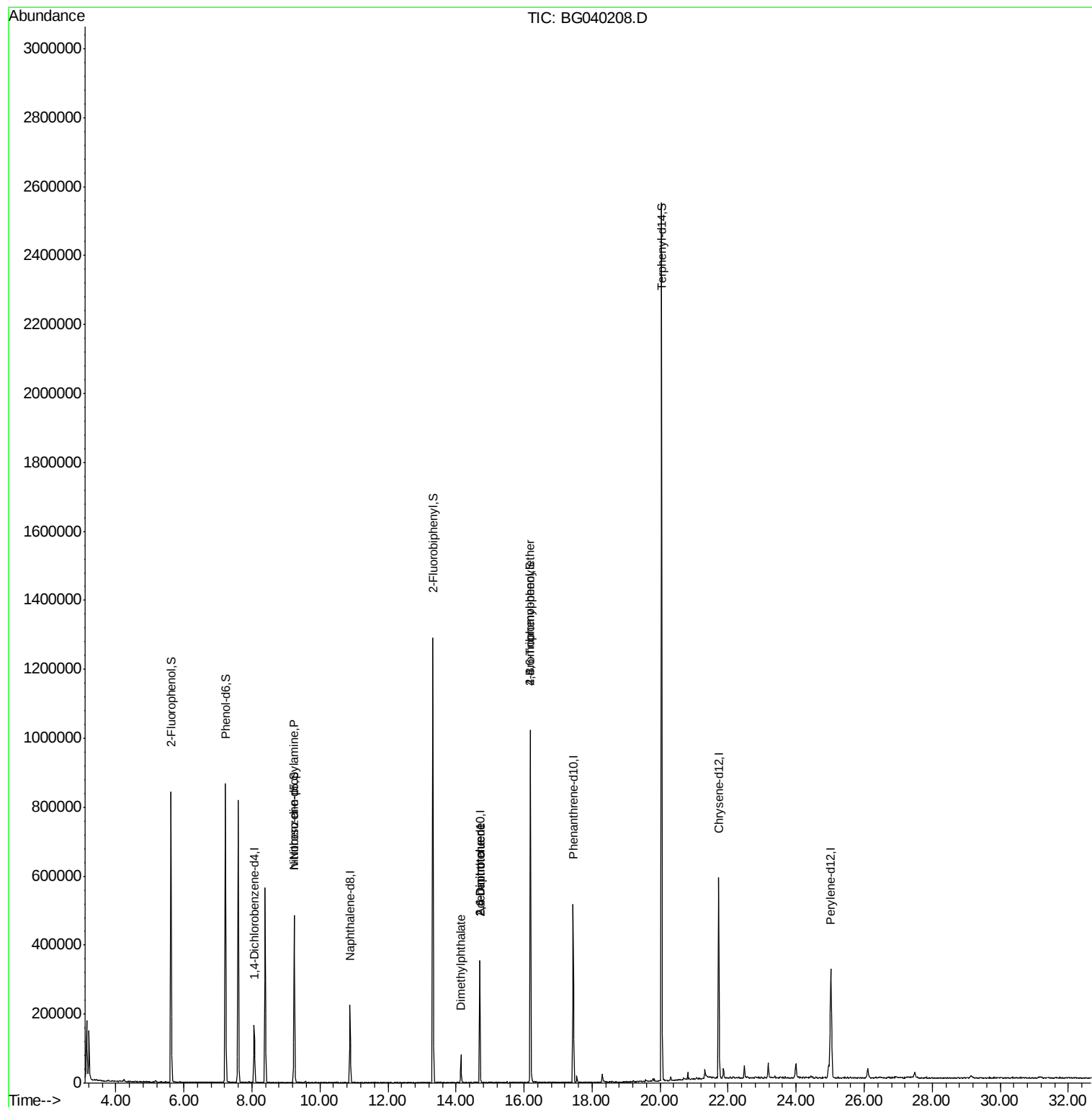
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47999	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	196597	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	122615	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	318958	20.00	ng	0.00
76) Chrysene-d12	21.72	240	348470	20.00	ng	0.00
87) Perylene-d12	25.02	264	353951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	358236	124.07	ng	0.00
7) Phenol-d6	7.22	99	505732	126.74	ng	0.00
23) Nitrobenzene-d5	9.24	82	297613	80.46	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	175820	132.68	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	679649	82.13	ng	0.00
79) Terphenyl-d14	20.05	244	1207851	77.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	36362	12.710	ng	Qvalue # 70
50) Dimethylphthalate	14.14	163	56907	5.930	ng	97
51) 2,6-Dinitrotoluene	14.70	165	15707	7.290	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	15707	5.246	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	14176	3.949	ng	# 1

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

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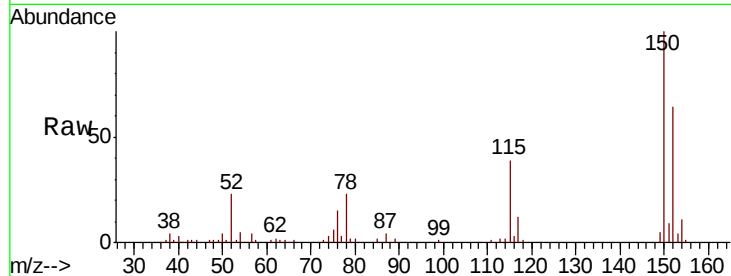




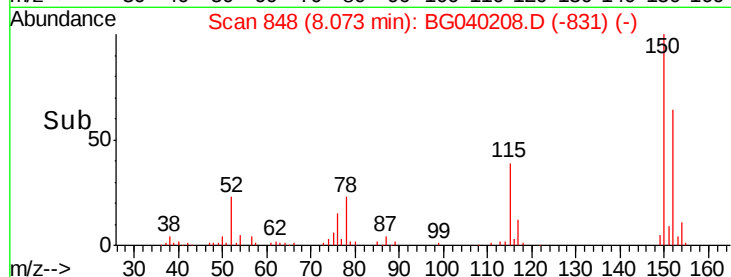
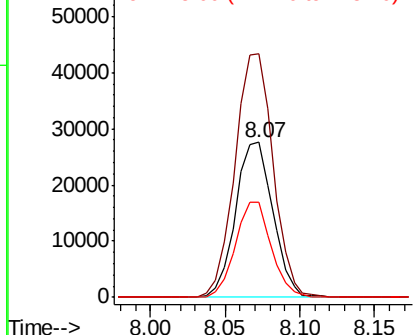
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BG040208.D
 Acq: 28 Mar 2019 20:24

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:152 Resp: 47999
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.7 185.5
 115 61.1 46.9 70.3

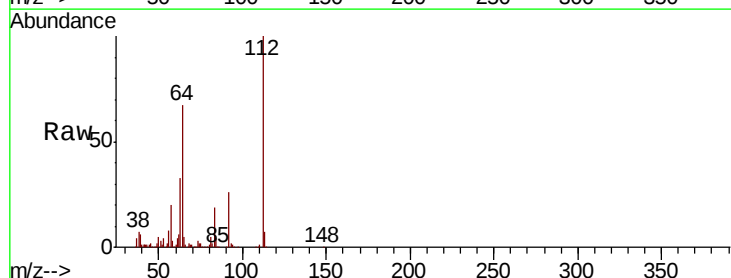


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

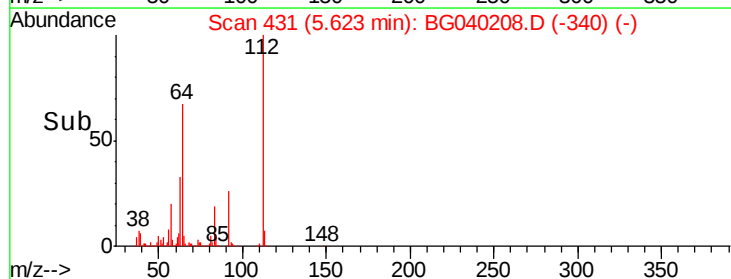
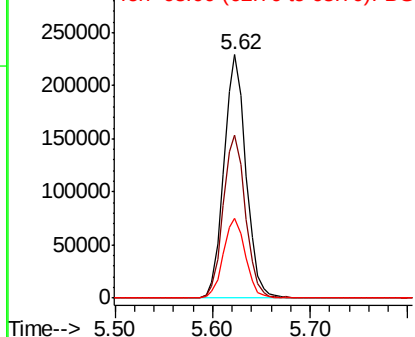


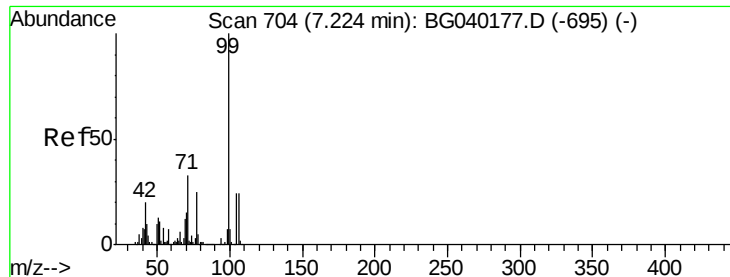
#5
 2-Fluorophenol
 Concen: 124.073 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG040208.D
 Acq: 28 Mar 2019 20:24

Tgt Ion:112 Resp: 358236
 Ion Ratio Lower Upper
 112 100
 64 66.7 54.2 81.2
 63 32.7 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: 126.740 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-4

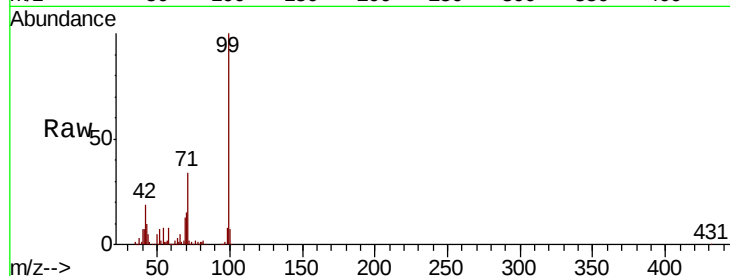
Tgt Ion: 99 Resp: 505732

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

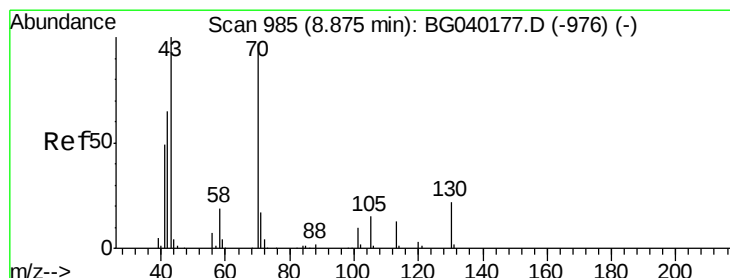
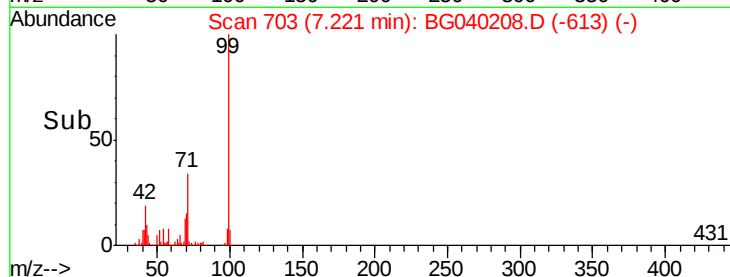
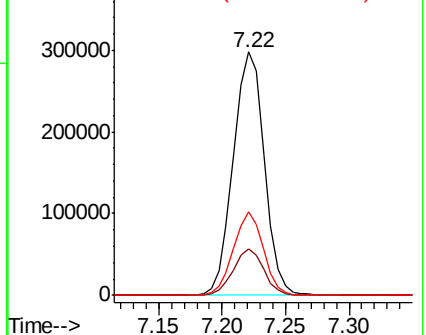
71 34.4 26.8 40.2



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: 12.710 ng

RT: 9.25 min Scan# 1048

Delta R.T. 0.37 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

Tgt Ion: 70 Resp: 36362

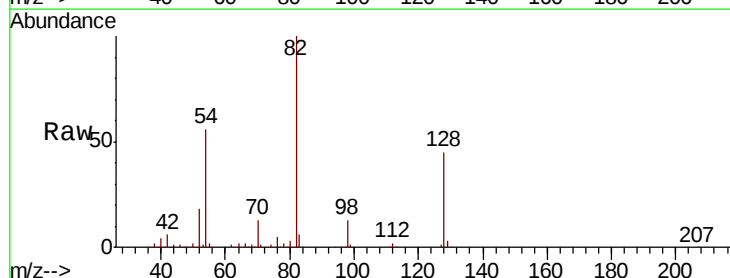
Ion Ratio Lower Upper

70 100

42 47.1 54.0 81.0#

101 0.0 8.6 13.0#

130 1.8 18.2 27.2#

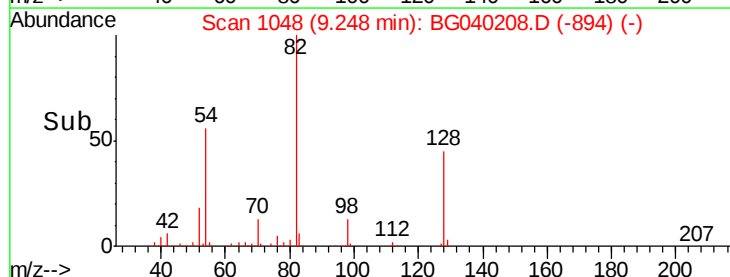
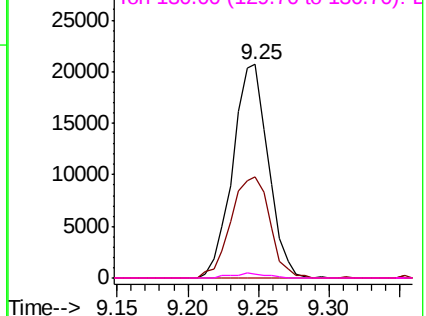


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

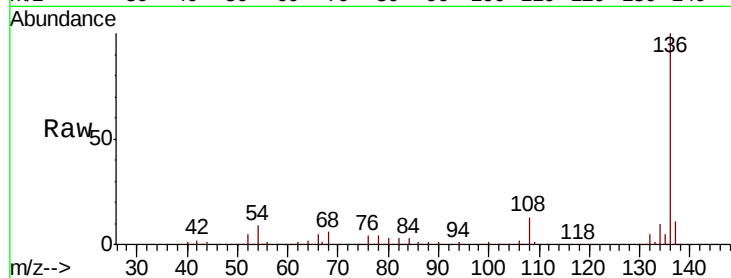




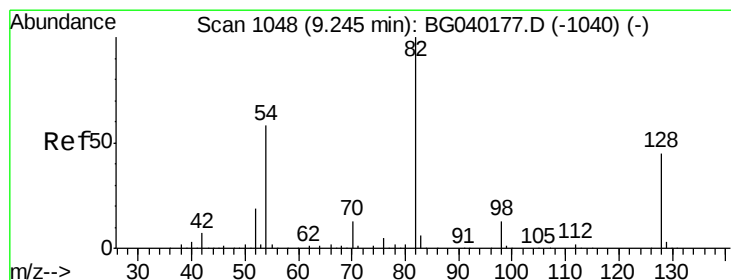
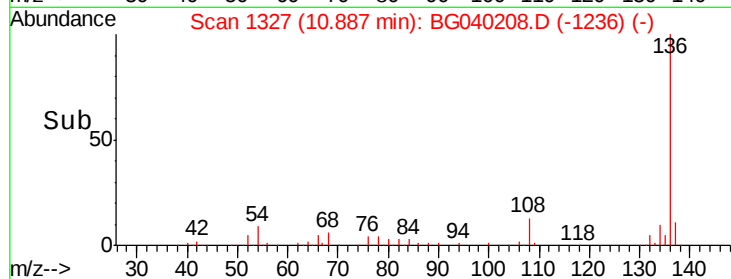
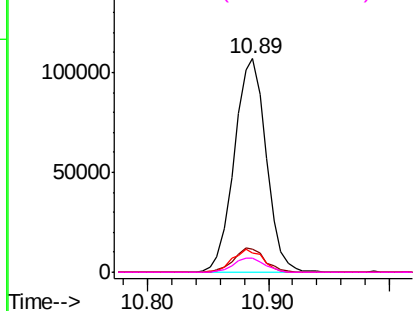
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040208.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:	136	Resp:	196597
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	9.6	14.4#
68	6.4	5.1	7.7

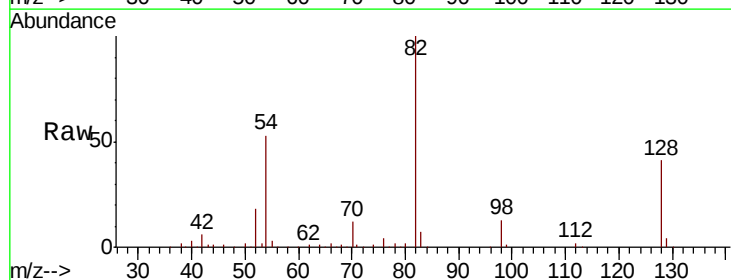


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

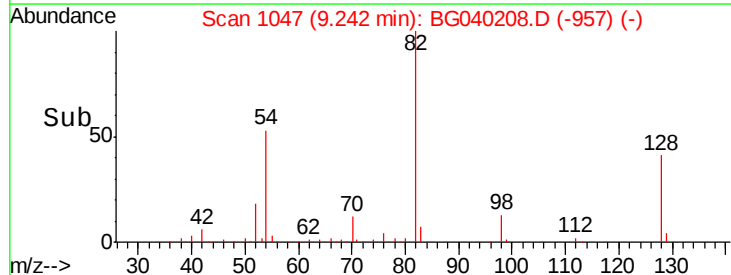
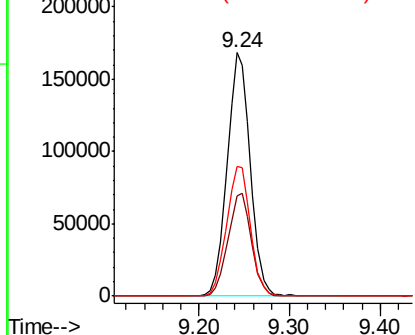


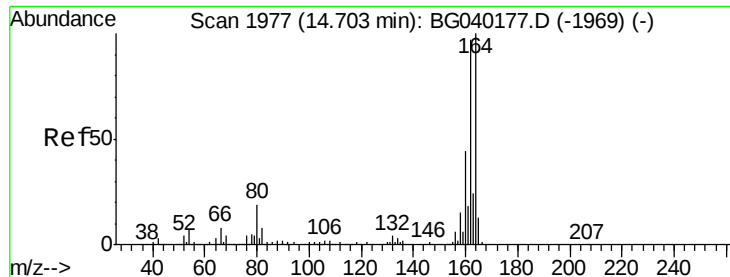
#23
Nitrobenzene-d5
Concen: 80.465 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040208.D
Acq: 28 Mar 2019 20:24

Tgt Ion:	82	Resp:	297613
Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.8	53.8
54	53.3	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-4

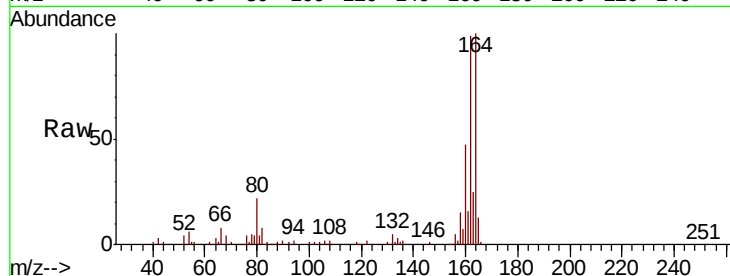
Tgt Ion:164 Resp: 122615

Ion Ratio Lower Upper

164 100

162 99.5 77.4 116.2

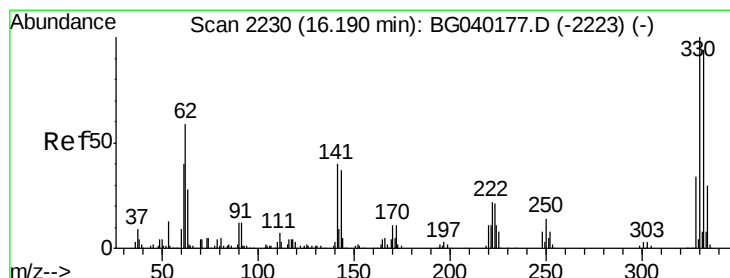
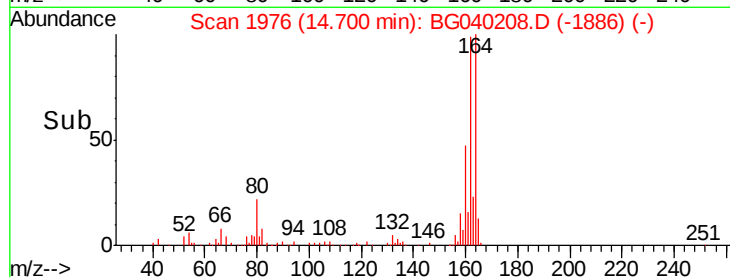
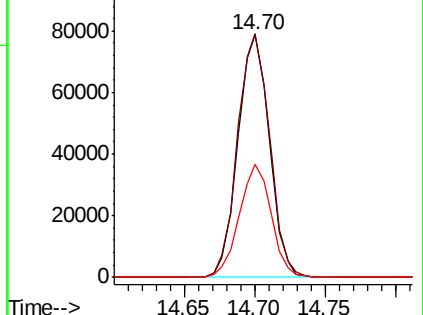
160 46.7 35.3 52.9



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: 132.679 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

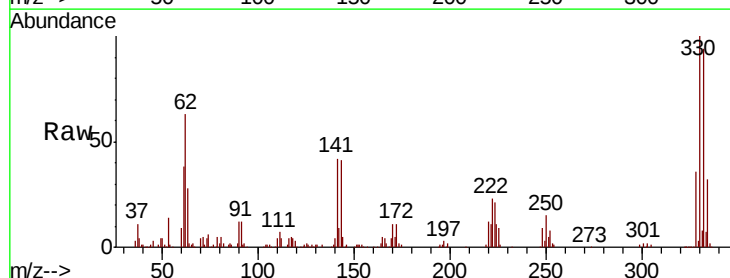
Tgt Ion:330 Resp: 175820

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

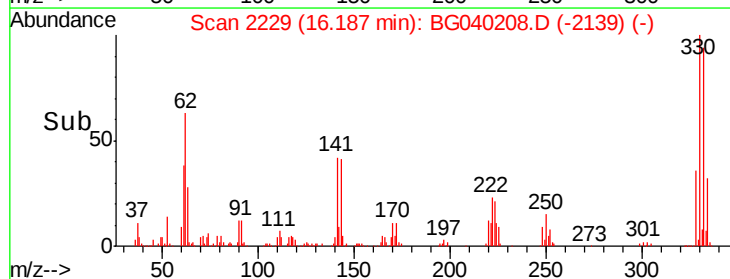
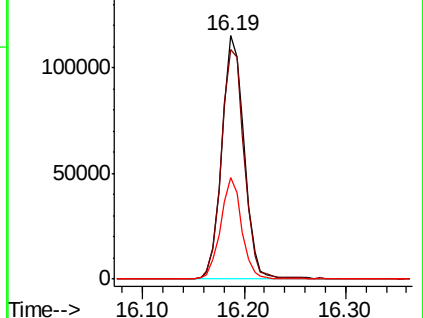
141 39.5 32.6 48.8



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: 82.133 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-4

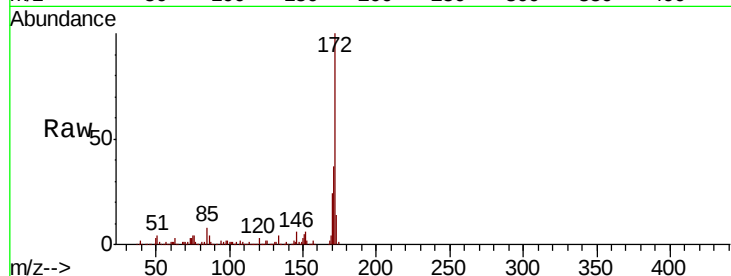
Tgt Ion:172 Resp: 679649

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

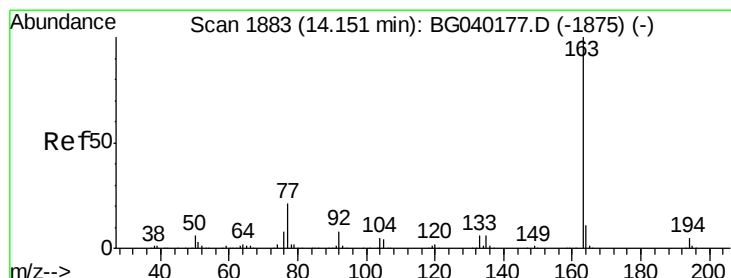
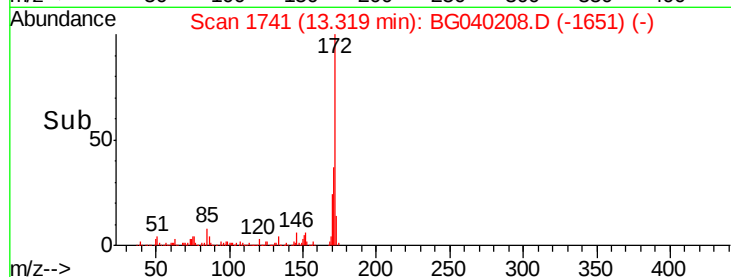
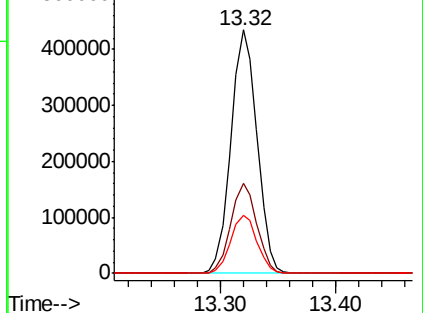
170 23.8 20.1 30.1



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: 5.930 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

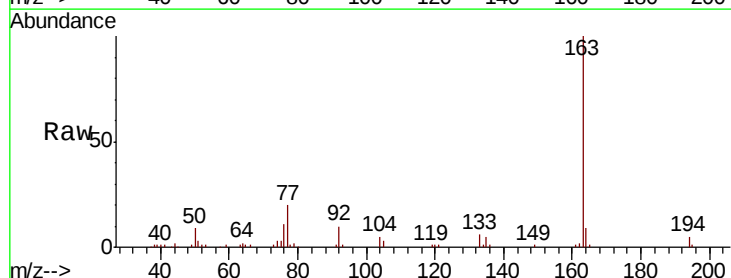
Tgt Ion:163 Resp: 56907

Ion Ratio Lower Upper

163 100

194 5.5 4.1 6.1

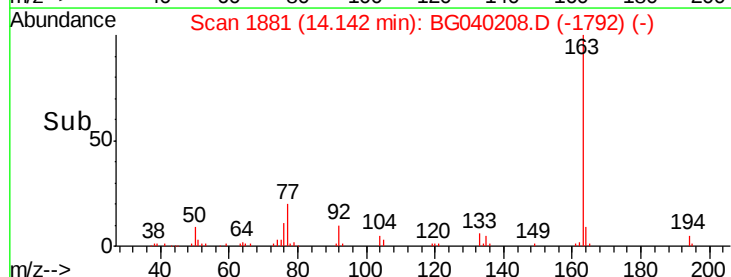
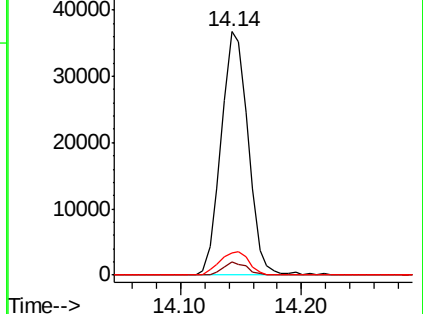
164 9.1 8.6 13.0

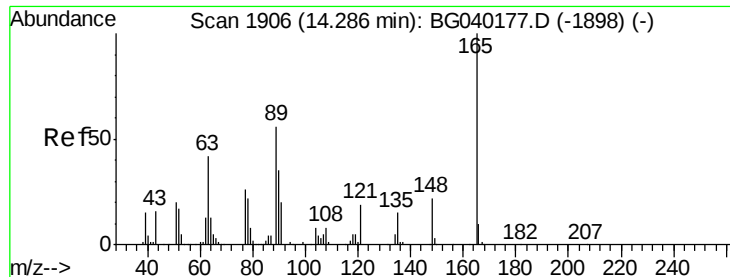


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.290 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.41 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-4

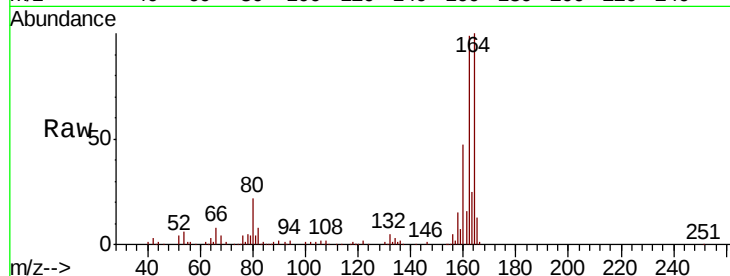
Tgt Ion:165 Resp: 15707

Ion Ratio Lower Upper

165 100

63 2.3 44.1 66.1#

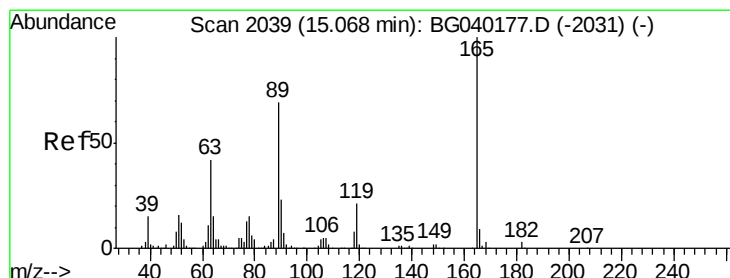
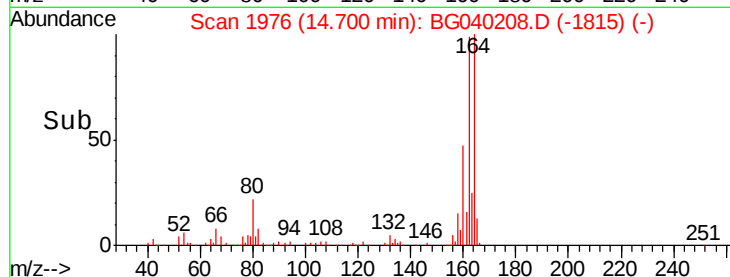
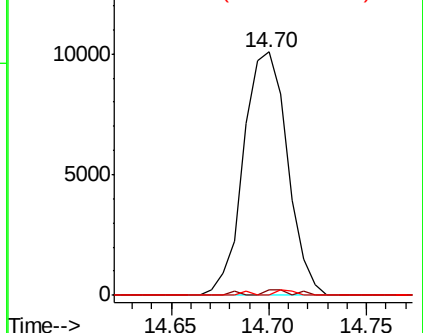
89 0.0 44.9 67.3#



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: 5.246 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.37 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

Tgt Ion:165 Resp: 15707

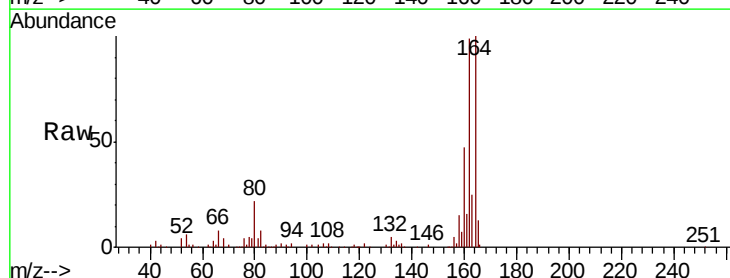
Ion Ratio Lower Upper

165 100

63 2.3 33.8 50.6#

89 0.0 55.4 83.2#

182 0.0 2.2 3.4#

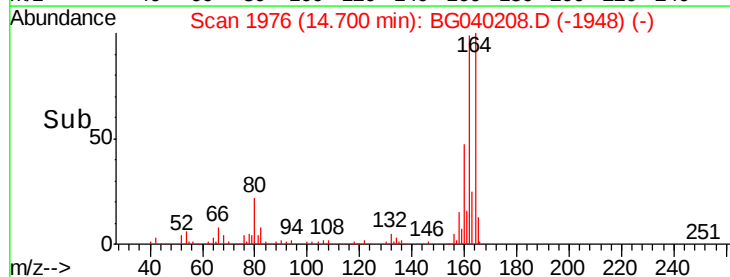
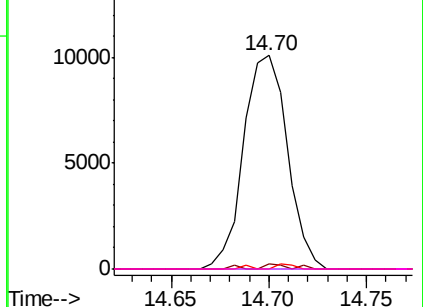


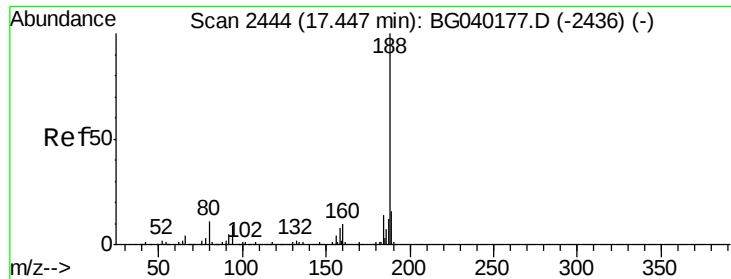
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2443

Delta R.T. -0.00 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_G

ClientSampled :

TP-4

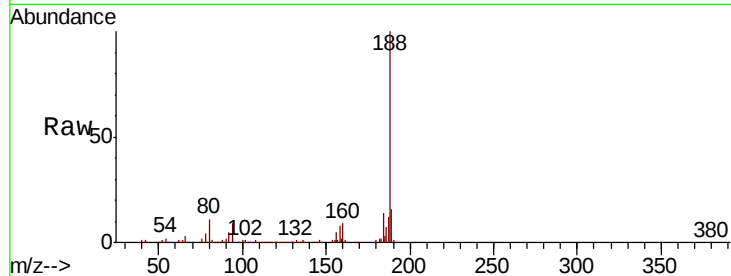
Tgt Ion:188 Resp: 318958

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

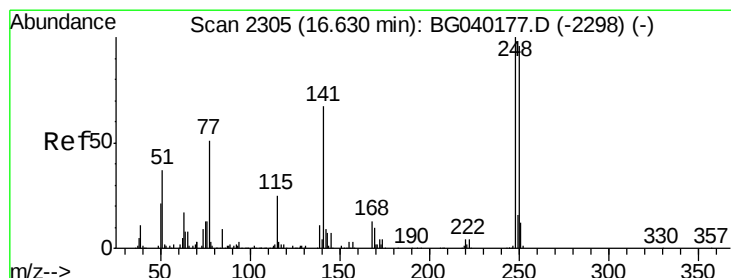
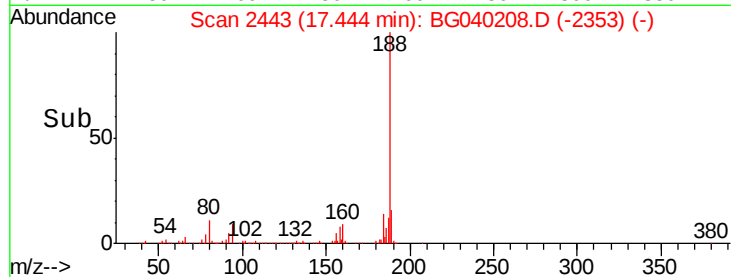
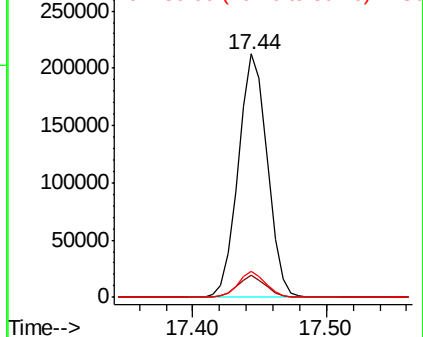
80 10.6 8.6 13.0



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: 3.949 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

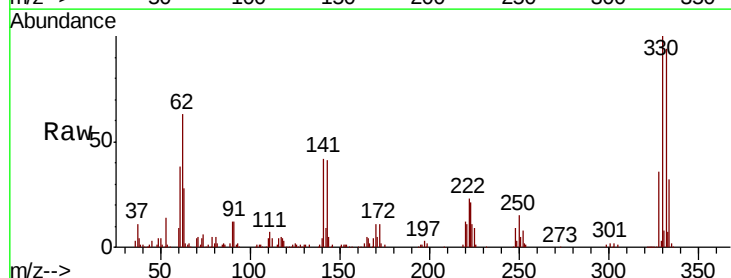
Tgt Ion:248 Resp: 14176

Ion Ratio Lower Upper

248 100

250 168.5 76.4 114.6#

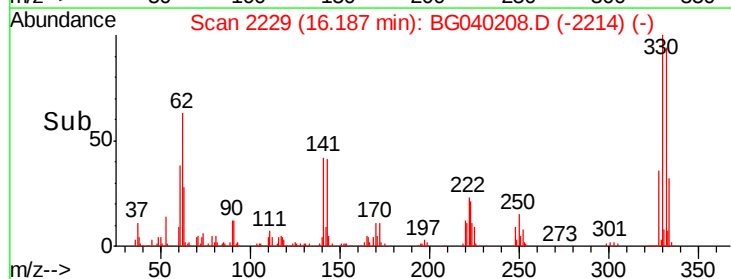
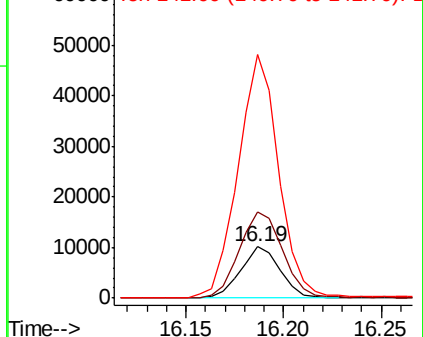
141 474.6 53.8 80.8#

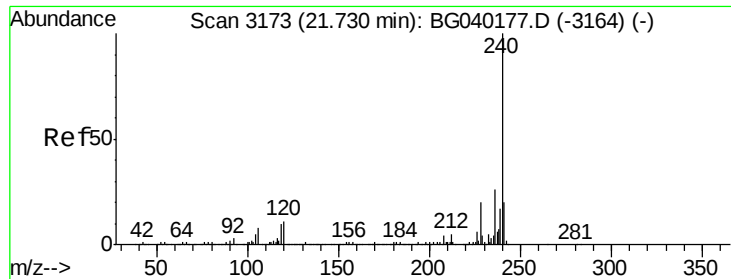


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

Instrument :

BNA_G

ClientSampled :

TP-4

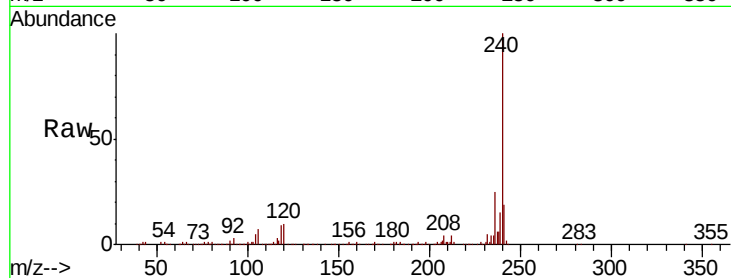
Tgt Ion:240 Resp: 348470

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

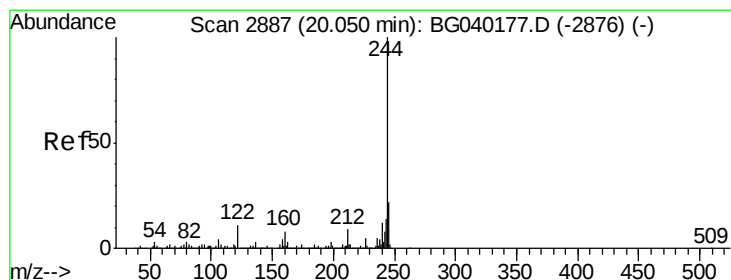
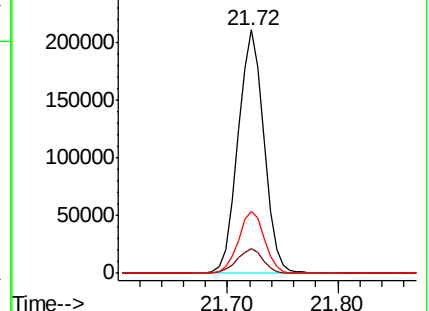
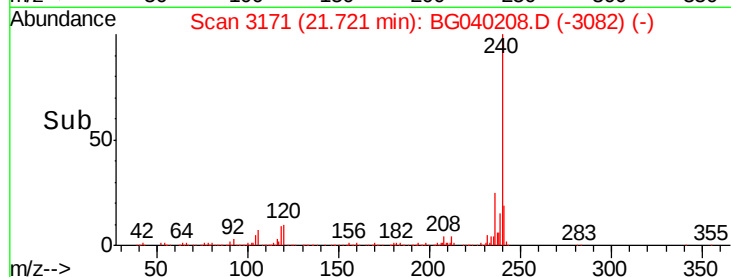
236 25.5 20.8 31.2



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: 77.976 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040208.D

Acq: 28 Mar 2019 20:24

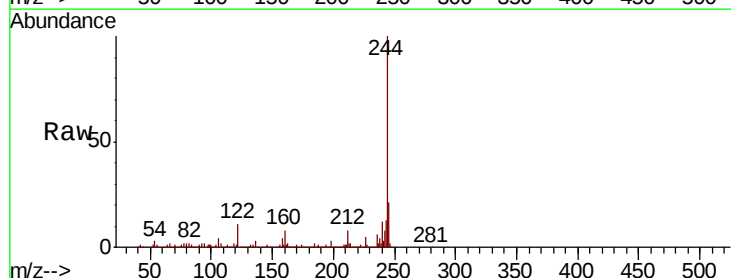
Tgt Ion:244 Resp: 1207851

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

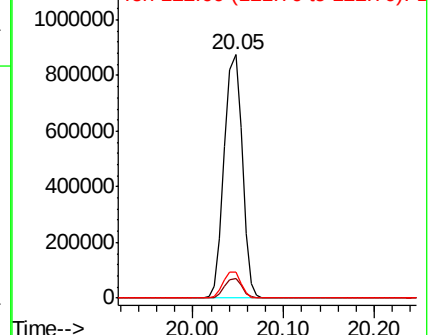
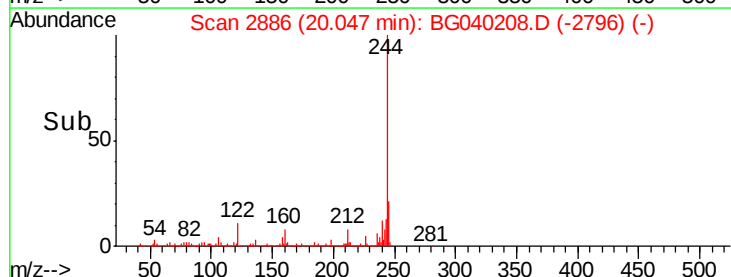
122 10.6 8.5 12.7

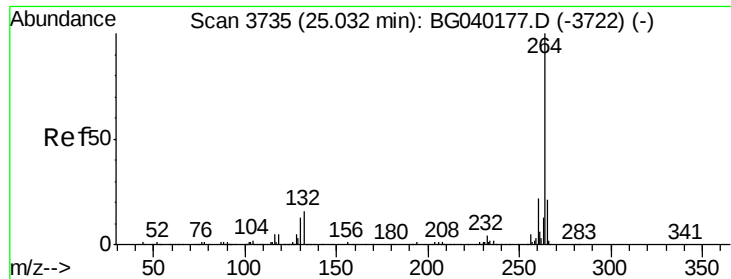


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040208.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 264 Resp: 353951
Ion Ratio Lower Upper
264 100
260 23.7 17.9 26.9
265 22.0 16.8 25.2

