

Data File : BG041722.D
Acq On : 18 Jul 2019 22:56
Operator : HP/JU
Sample : K3834-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-8

Quant Time: Jul 19 08:27:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	120051	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	480181	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	304432	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	705864	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	680438	20.00	ng	-0.02
87) Perylene-d12	24.84	264	767795	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	384377	52.34	ng	0.00
7) Phenol-d6	7.20	99	325987	33.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	791245	100.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	501092	146.05	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1823636	92.76	ng	0.00
79) Terphenyl-d14	20.00	244	2487800	85.44	ng	0.00

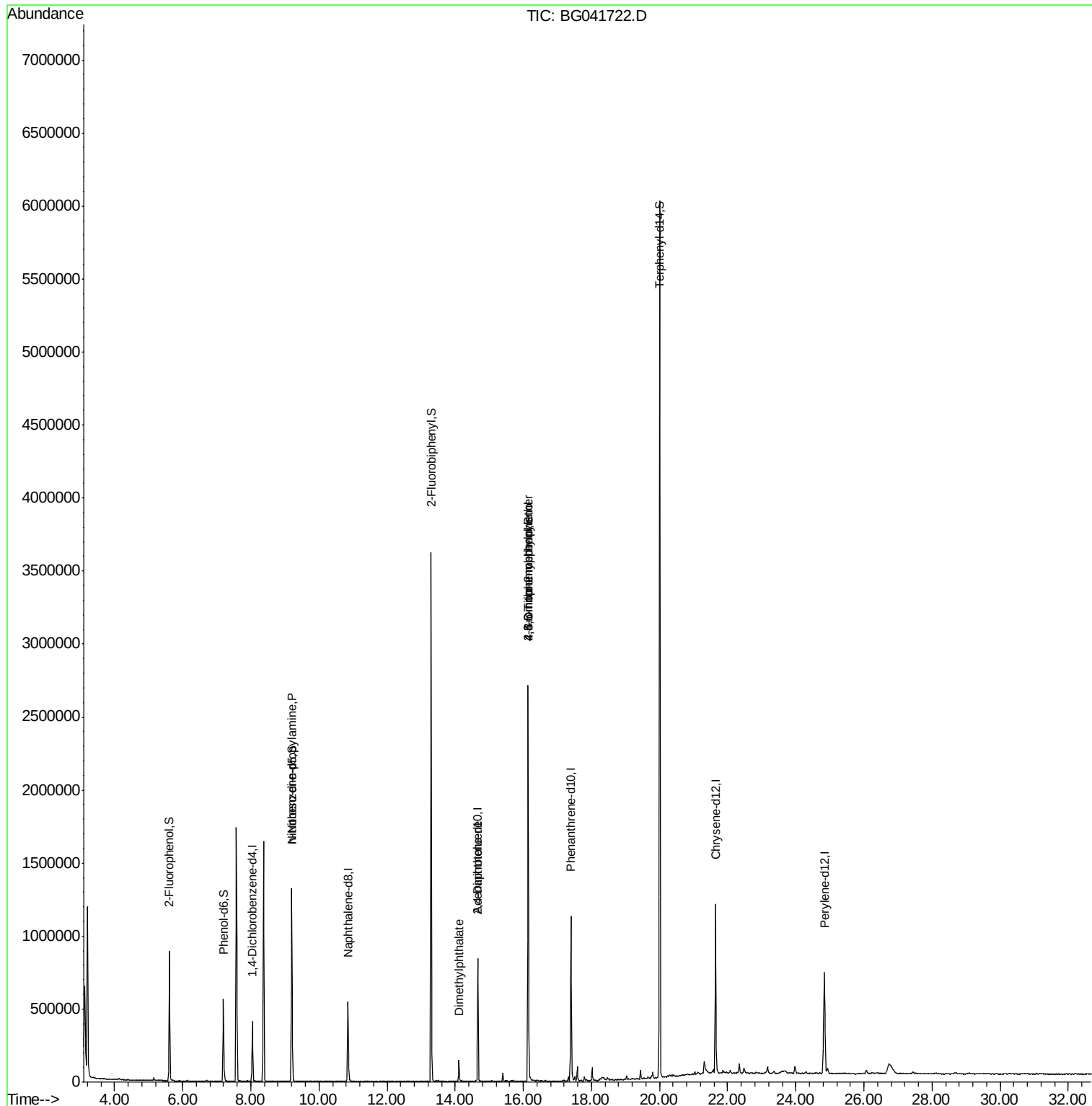
Target Compounds				Qvalue		
9) Benzaldehyde	7.19	77	1158	Below Cal	#	22
19) n-Nitroso-di-n-propylamine	9.20	70	108419	15.017 ng	#	71
50) Dimethylphthalate	14.11	163	105365	4.407 ng	#	98
57) 2,4-Dinitrotoluene	14.66	165	38723	5.776 ng	#	30
65) 4,6-Dinitro-2-methylphenol	16.14	198	1565	7.076 ng	#	1
67) 4-Bromophenyl-phenylether	16.14	248	40299	4.798 ng	#	1

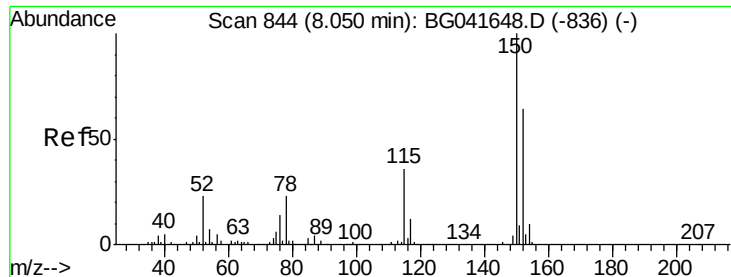
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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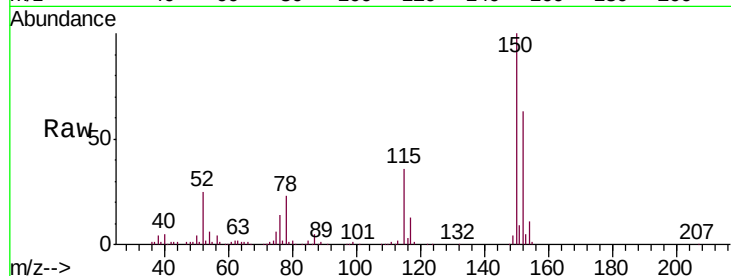


#1

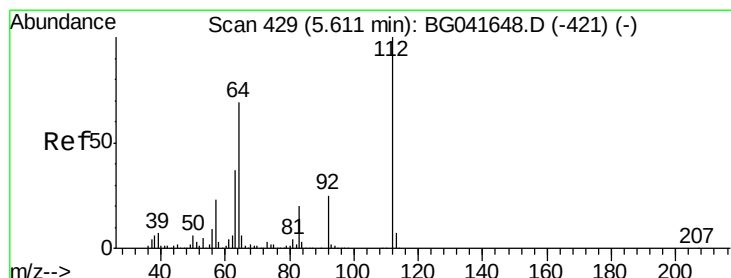
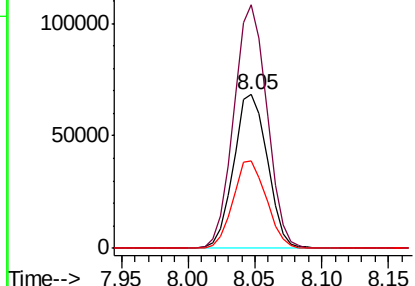
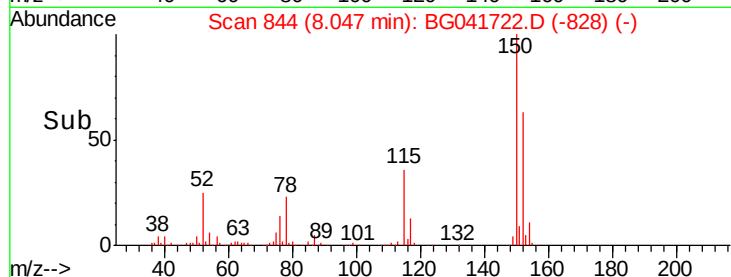
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

Instrument :
BNA_G
ClientSampled :
TW-8

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.9	190.3
115	57.0	45.0	67.6



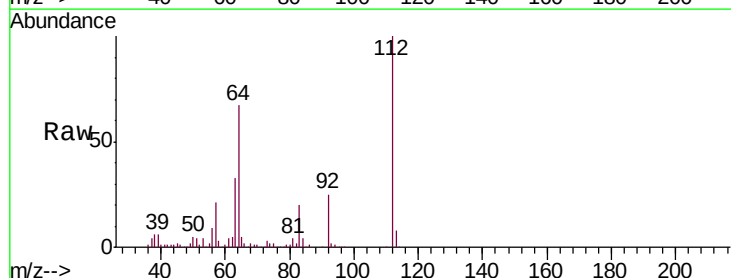
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



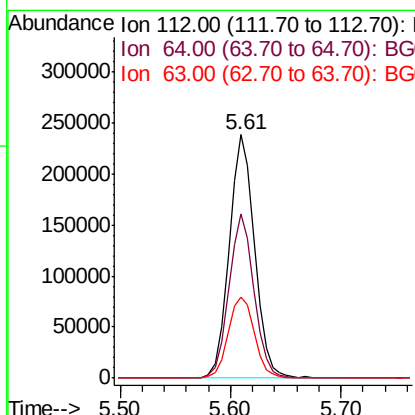
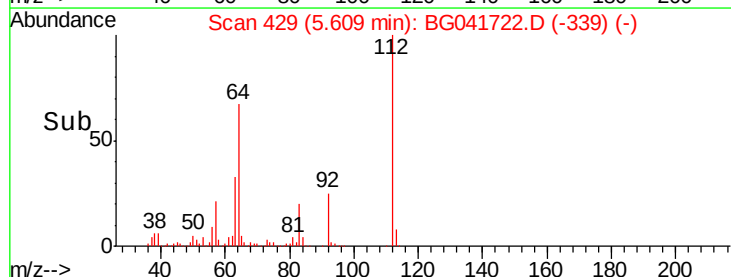
#5

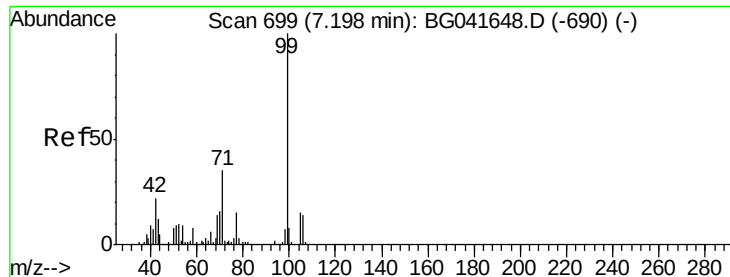
2-Fluorophenol
Concen: 52.341 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	55.4	83.2
63	33.4	29.1	43.7



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: 33.003 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

Instrument :

BNA_G

ClientSampled :

TW-8

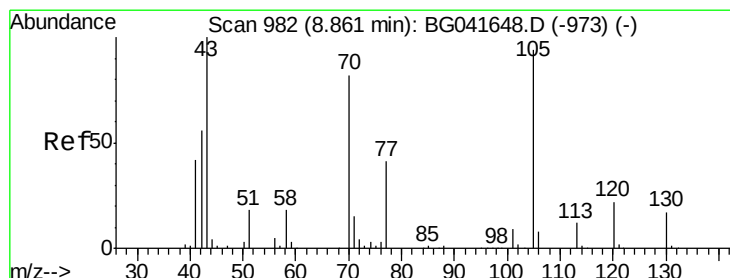
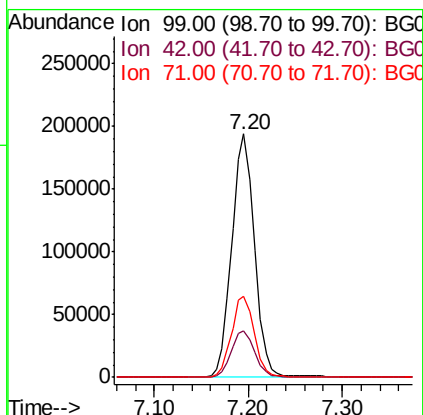
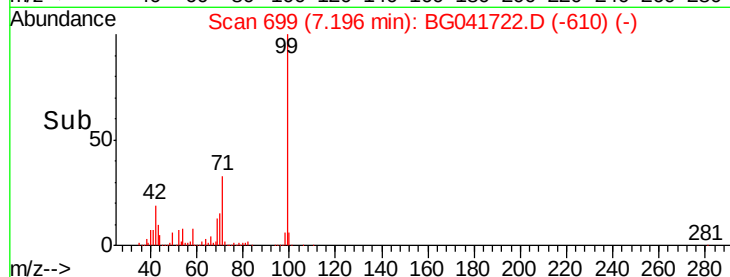
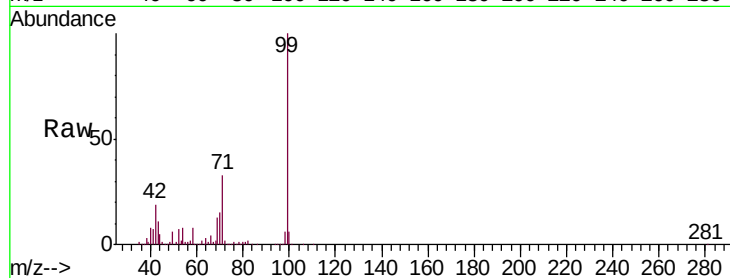
Tgt Ion: 99 Resp: 325987

Ion Ratio Lower Upper

99 100

42 18.8 17.6 26.4

71 33.2 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.017 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.33 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

Tgt Ion: 70 Resp: 108419

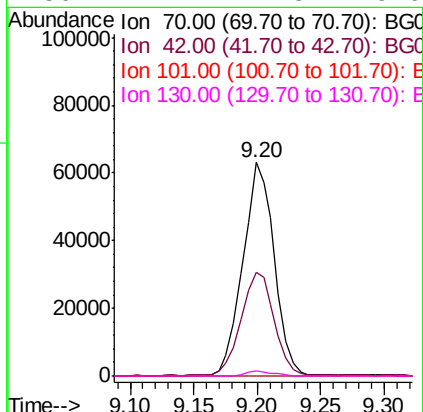
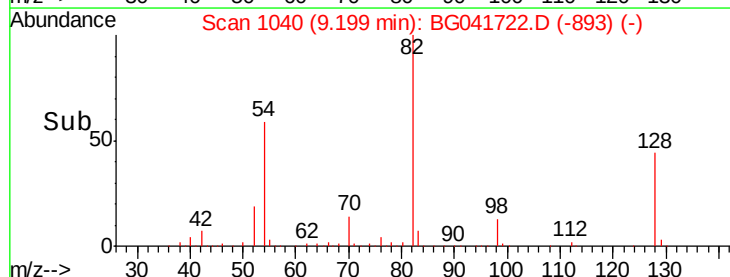
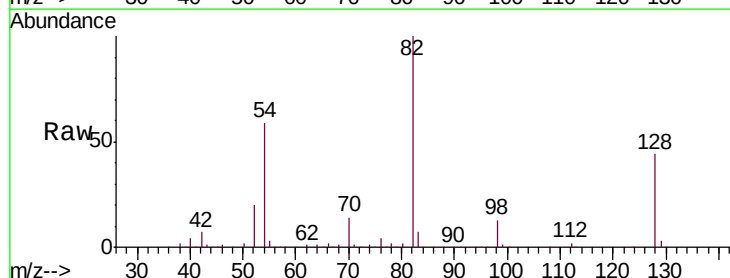
Ion Ratio Lower Upper

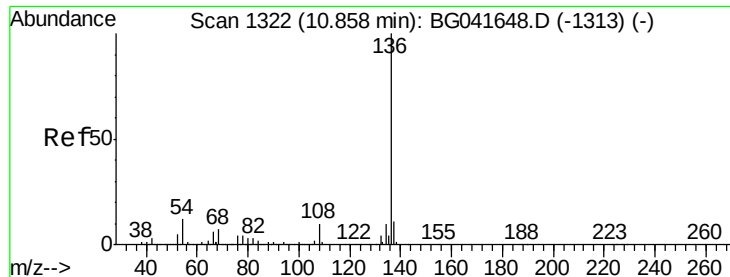
70 100

42 48.6 55.8 83.6#

101 0.0 8.1 12.1#

130 2.4 17.3 25.9#

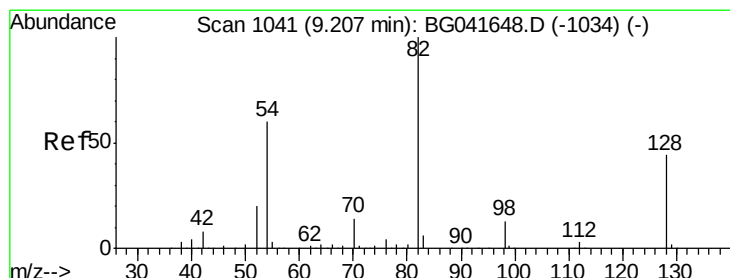
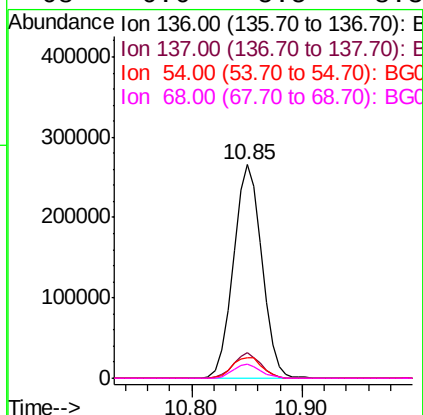
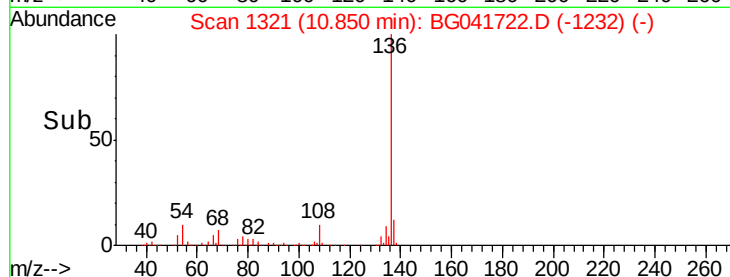
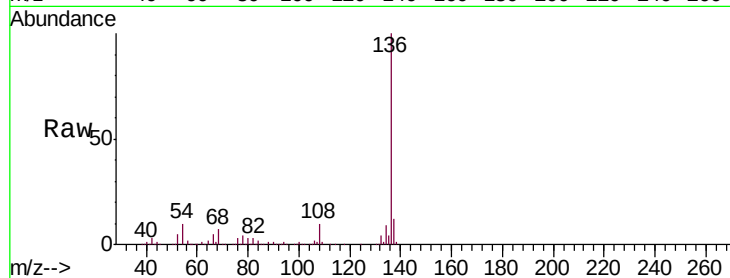




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

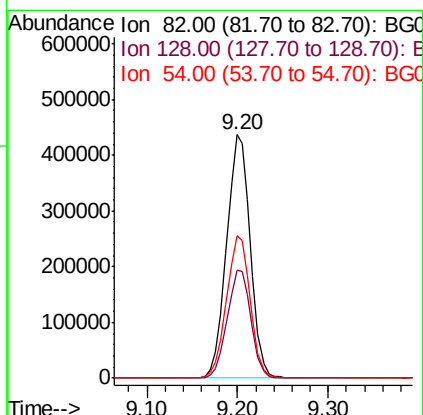
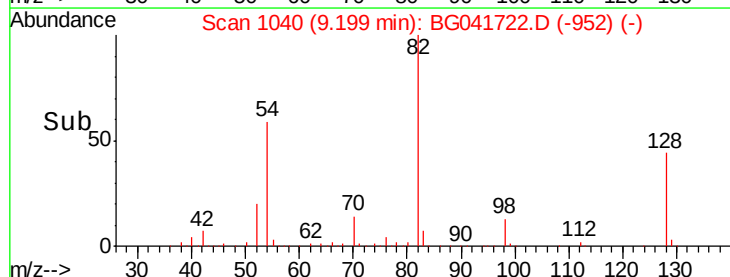
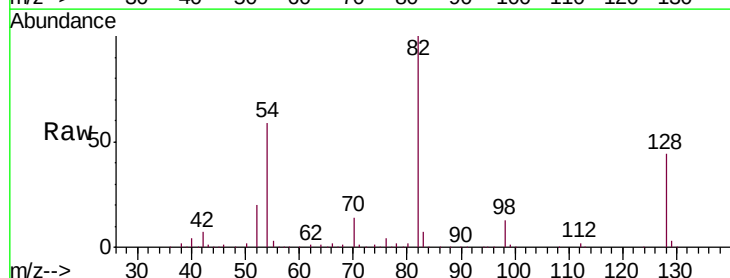
Instrument :
BNA_G
ClientSampleId :
TW-8

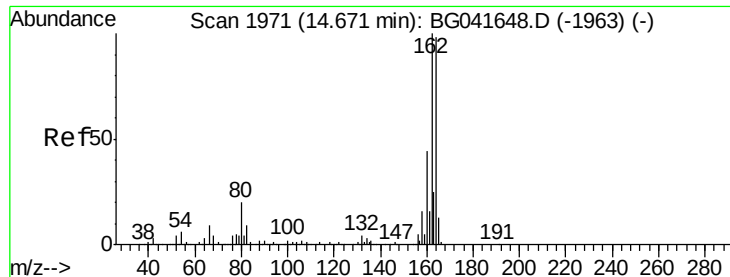
Tgt Ion:	136	Resp:	480181
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	9.9	8.7	13.1
68	6.6	5.5	8.3



#23
Nitrobenzene-d5
Concen: 100.211 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

Tgt Ion:	82	Resp:	791245
Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.1	52.7
54	58.8	48.7	73.1

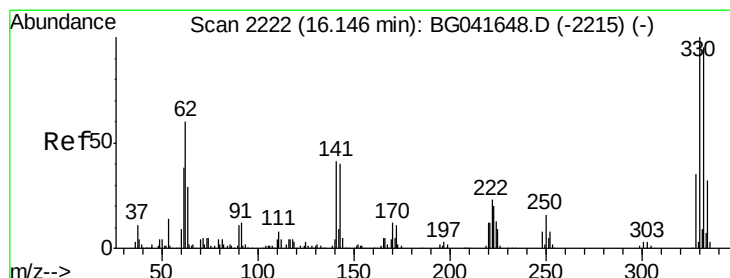
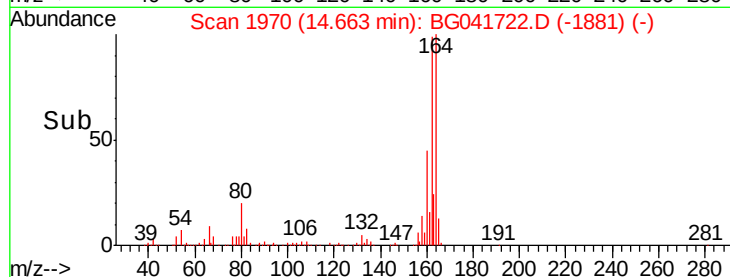
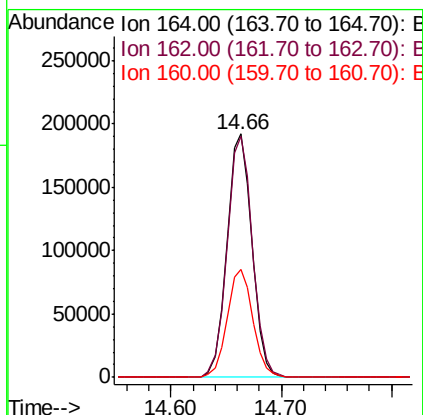
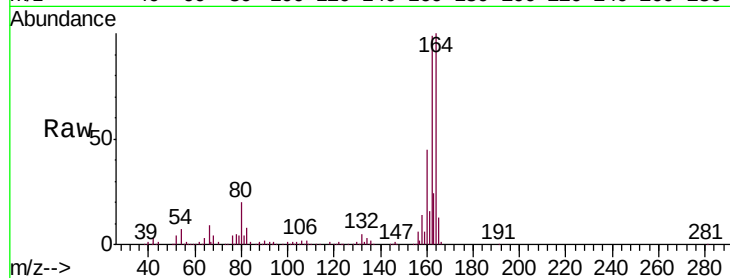




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

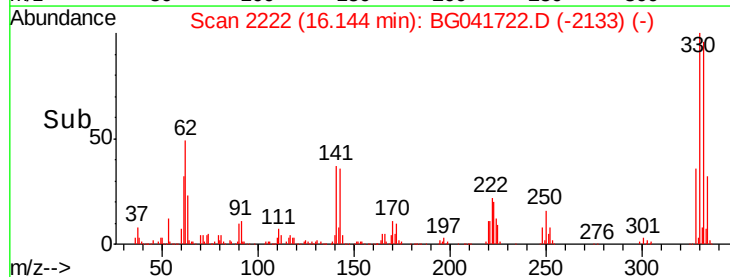
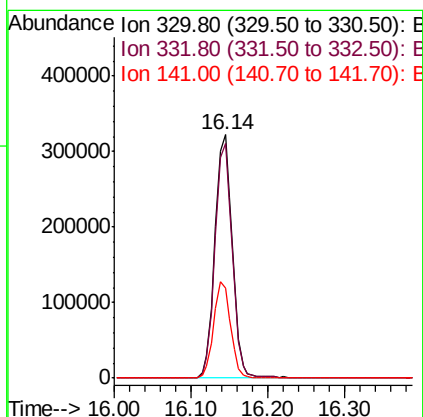
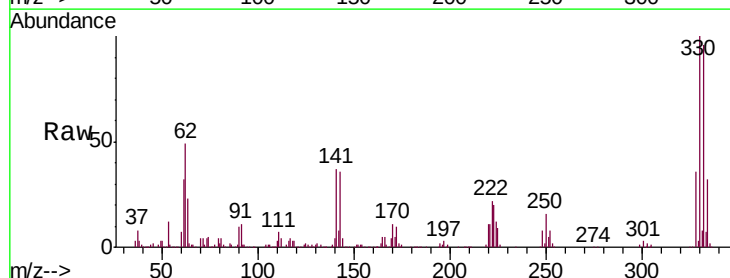
Instrument :
BNA_G
ClientSampleId :
TW-8

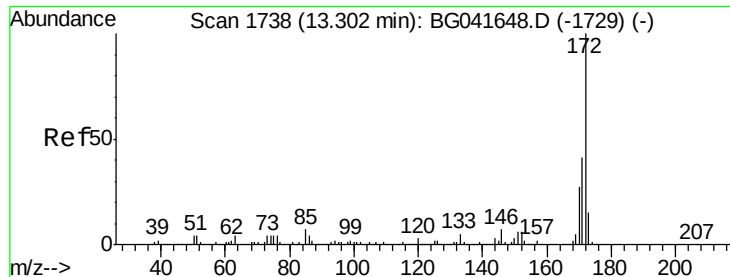
Tgt Ion:164 Resp: 304432
Ion Ratio Lower Upper
164 100
162 99.0 79.6 119.4
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 146.053 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

Tgt Ion:330 Resp: 501092
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 38.9 31.9 47.9

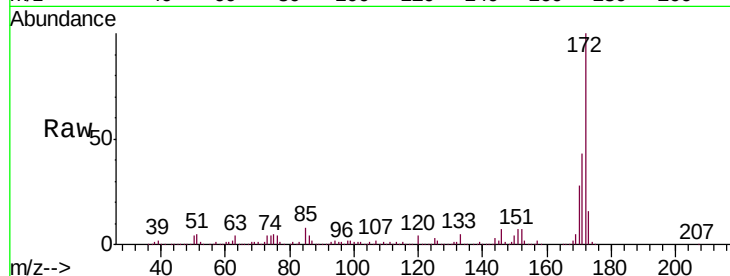




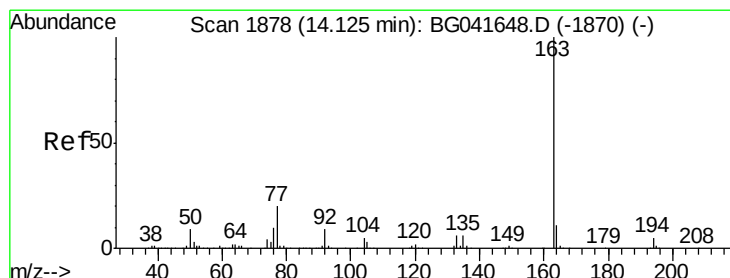
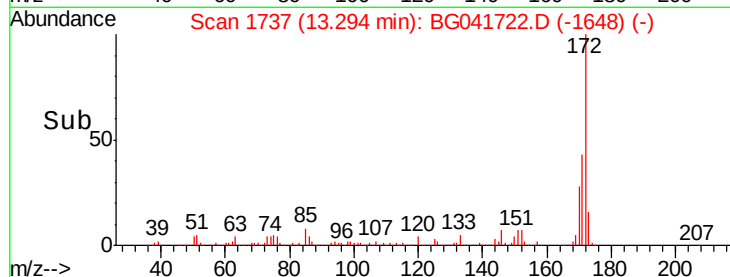
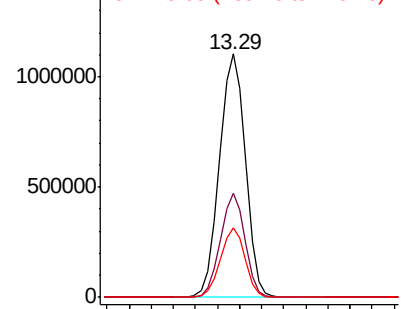
#45
 2-Fluorobiphenyl
 Concen: 92.760 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041722.D
 Acq: 18 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampled :
 TW-8

Tgt Ion:172 Resp: 1823636
 Ion Ratio Lower Upper
 172 100
 171 42.5 35.0 52.4
 170 28.4 23.5 35.3

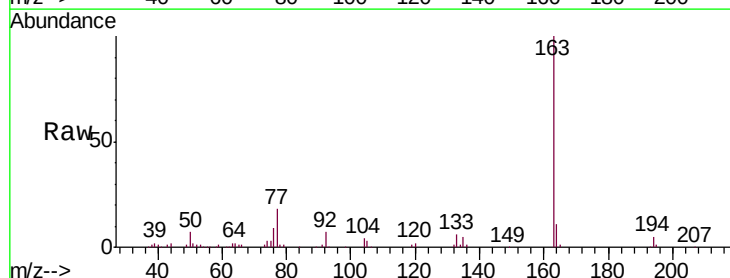


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

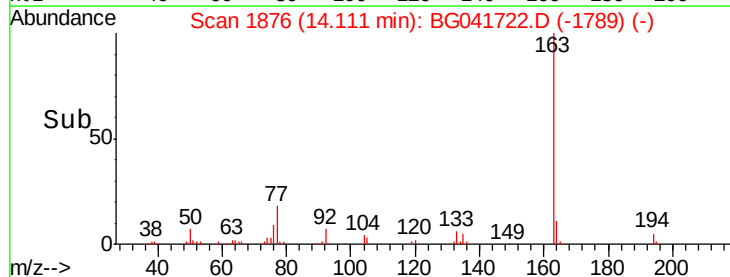
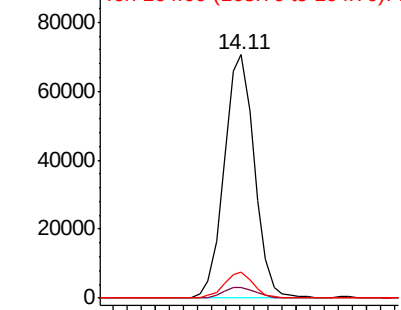


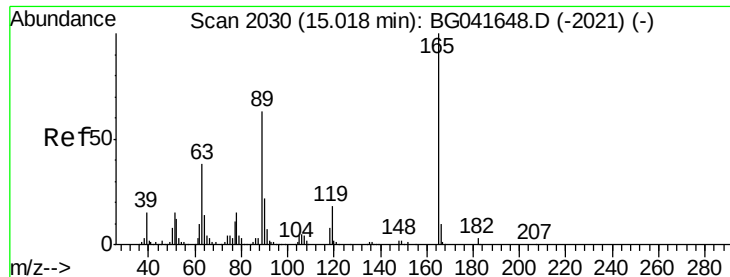
#50
 Dimethylphthalate
 Concen: 4.407 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.02 min
 Lab File: BG041722.D
 Acq: 18 Jul 2019 22:56

Tgt Ion:163 Resp: 105365
 Ion Ratio Lower Upper
 163 100
 194 4.6 4.2 6.2
 164 10.8 9.4 14.2



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

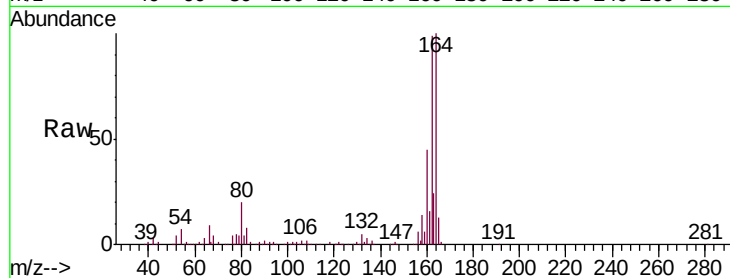




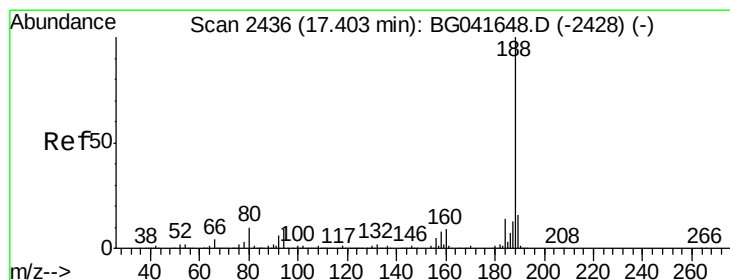
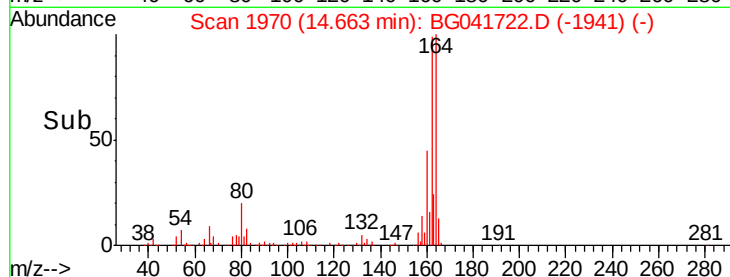
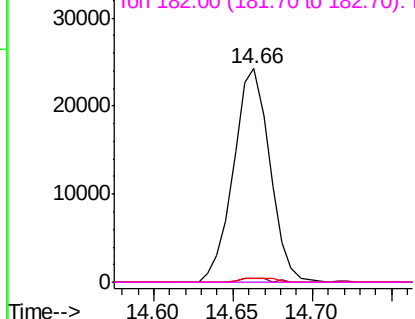
#57
 2,4-Dinitrotoluene
 Concen: 5.776 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041722.D
 Acq: 18 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 TW-8

Tgt Ion:165 Resp: 38723
 Ion Ratio Lower Upper
 165 100
 63 1.5 31.7 47.5#
 89 2.0 50.2 75.4#
 182 0.0 2.6 4.0#

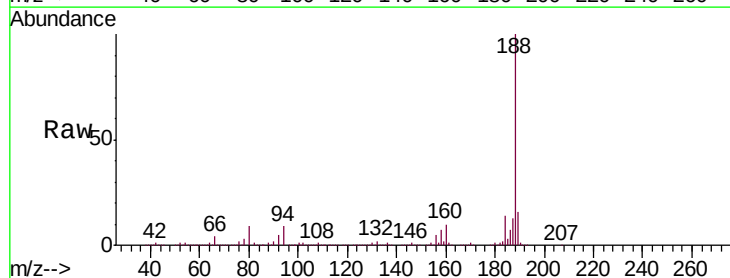


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

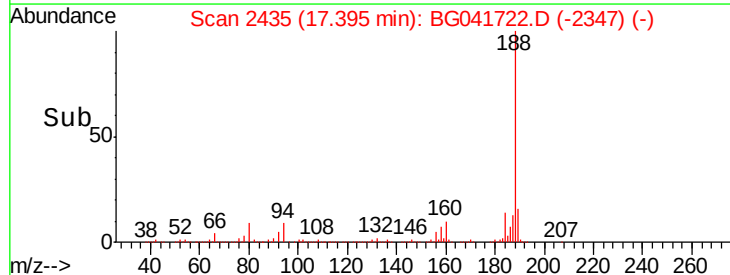
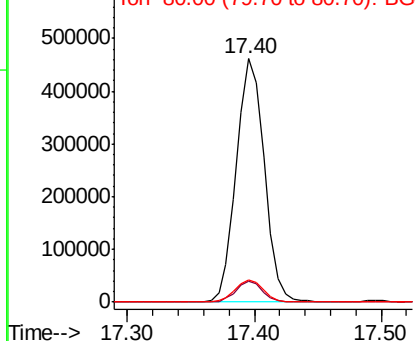


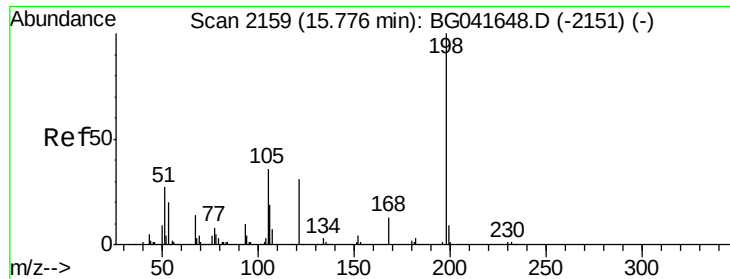
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG041722.D
 Acq: 18 Jul 2019 22:56

Tgt Ion:188 Resp: 705864
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.9 10.3
 80 9.2 8.0 12.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 7.076 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.36 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

Instrument :

BNA_G

ClientSampled :

TW-8

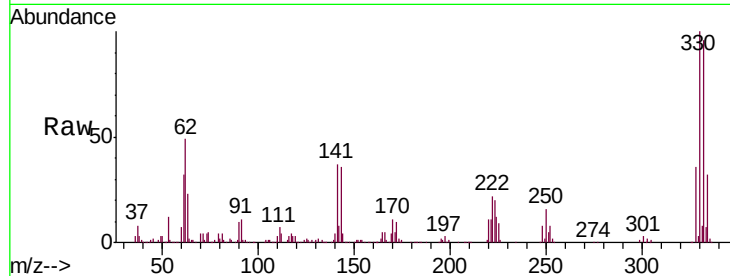
Tgt Ion:198 Resp: 1565

Ion Ratio Lower Upper

198 100

51 130.1 22.3 62.3#

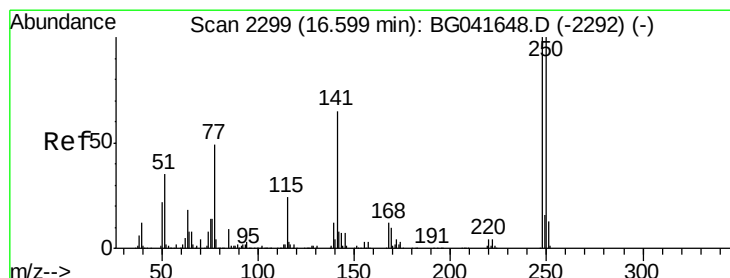
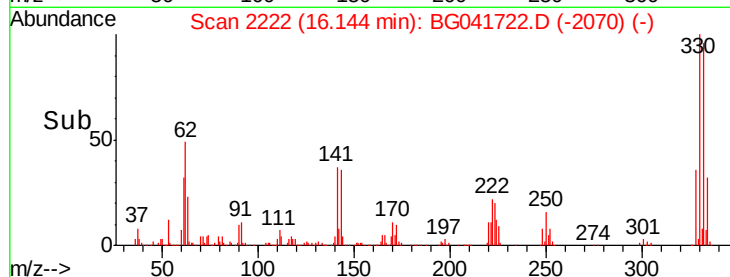
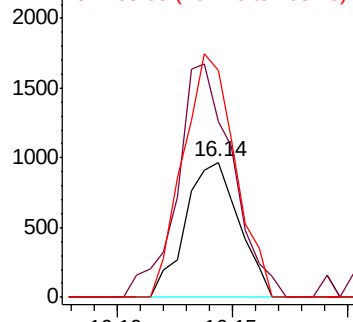
105 167.5 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.798 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.47 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

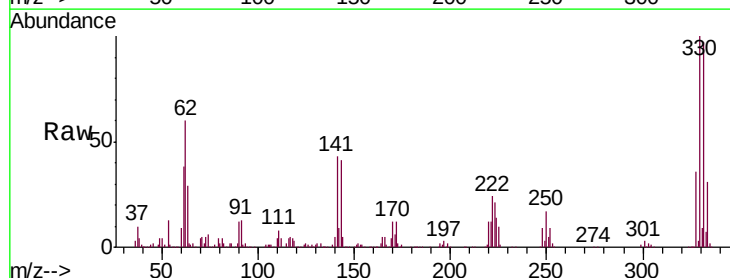
Tgt Ion:248 Resp: 40299

Ion Ratio Lower Upper

248 100

250 190.3 78.1 117.1#

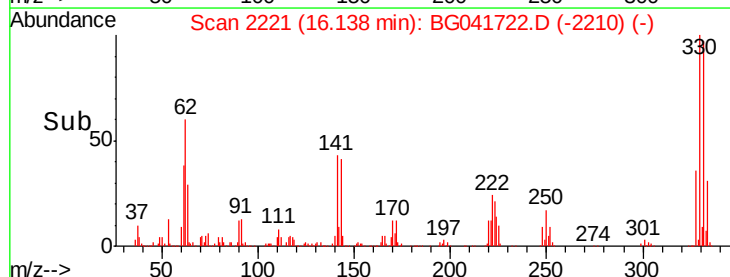
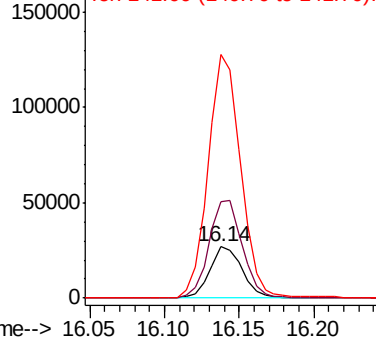
141 477.6 49.6 74.4#

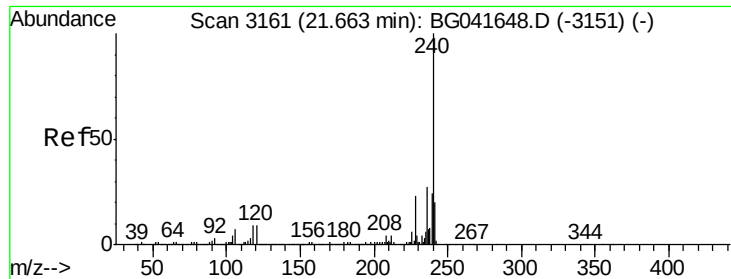


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.64 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

Instrument :

BNA_G

ClientSampled :

TW-8

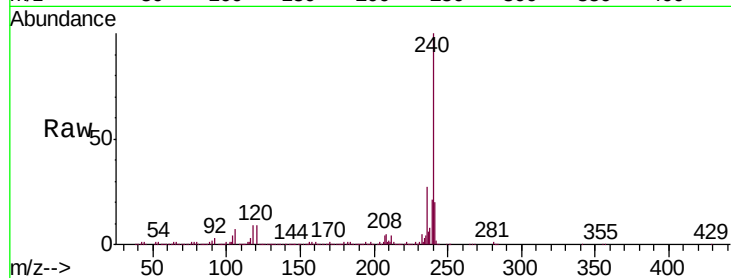
Tgt Ion:240 Resp: 680438

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

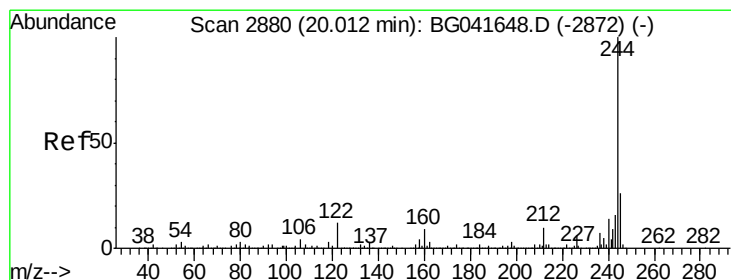
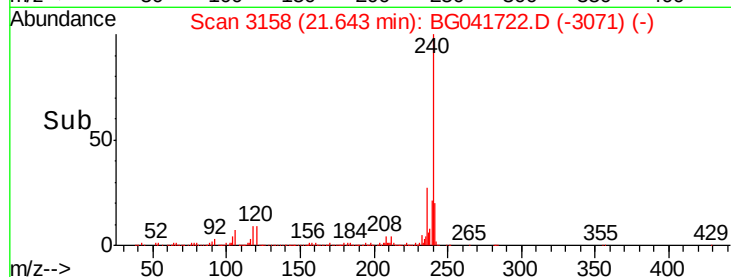
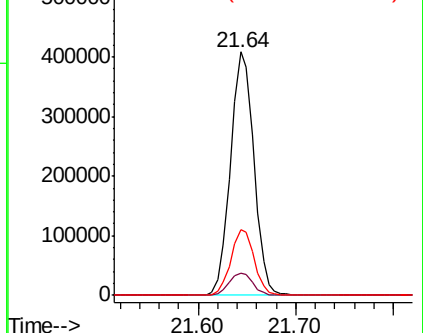
236 26.8 22.6 33.8



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: 85.440 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041722.D

Acq: 18 Jul 2019 22:56

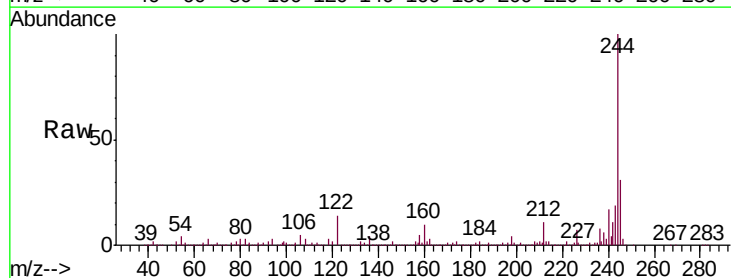
Tgt Ion:244 Resp: 2487800

Ion Ratio Lower Upper

244 100

212 11.5 9.7 14.5

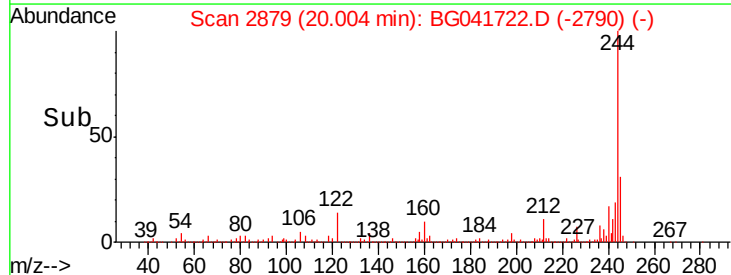
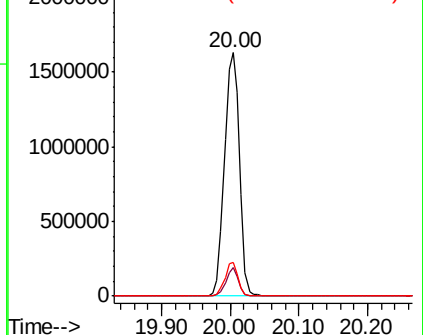
122 14.1 12.5 18.7

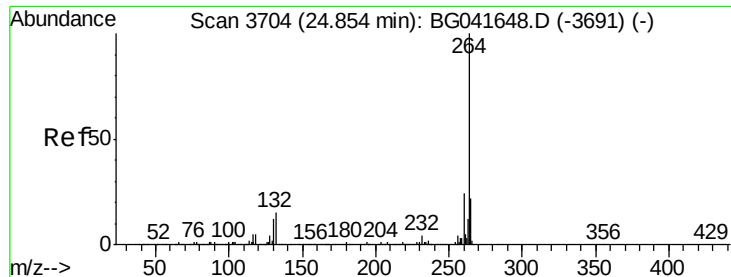


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

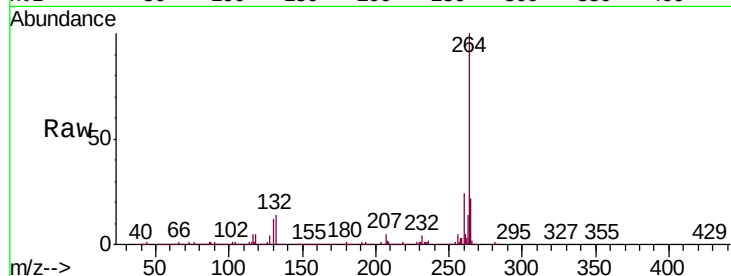




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG041722.D
Acq: 18 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
TW-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	18.0	27.0



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

