

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041619.D
 Acq On : 5 Jul 2019 19:51
 Operator : HP/JU
 Sample : K3605-01DL 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GWDL

Quant Time: Jul 08 02:19:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

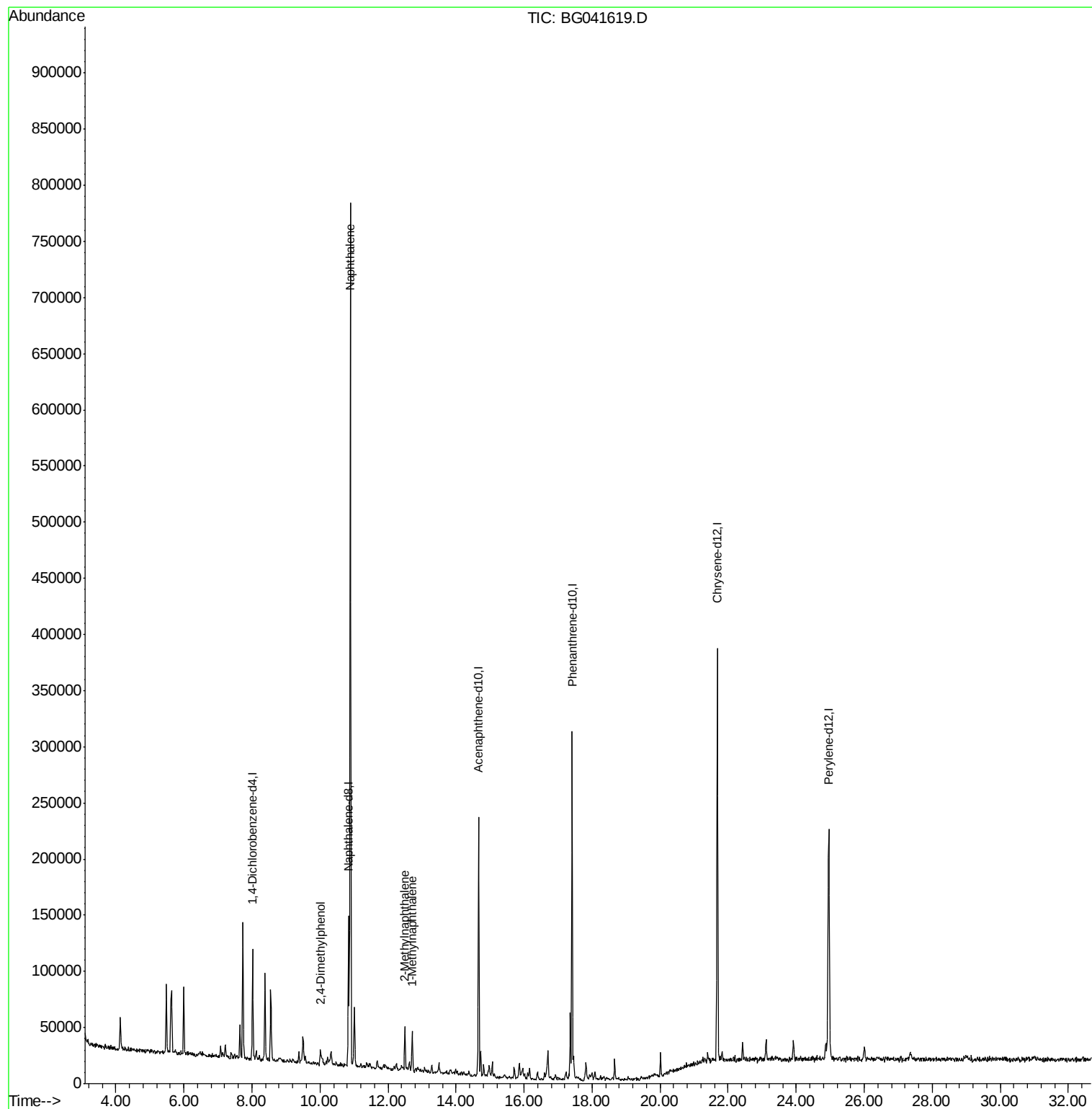
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28019	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	109489	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	77295	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	203136	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	226940	20.00	ng	-0.02
87) Perylene-d12	24.95	264	246878	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	129	0.08	ng	-0.02
7) Phenol-d6	7.20	99	356	0.16	ng	0.02
23) Nitrobenzene-d5	9.21	82	1570	0.60	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	1274	0.97	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	5702	0.95	ng	0.00
79) Terphenyl-d14	20.01	244	10865	1.02	ng	-0.01
Target Compounds				Qvalue		
27) 2,4-Dimethylphenol	10.01	122	6768m	4.419	ng	
31) Naphthalene	10.89	128	597216	98.631	ng	99
37) 2-Methylnaphthalene	12.49	142	18760	4.194	ng	98
38) 1-Methylnaphthalene	12.71	142	15962	3.740	ng	# 94

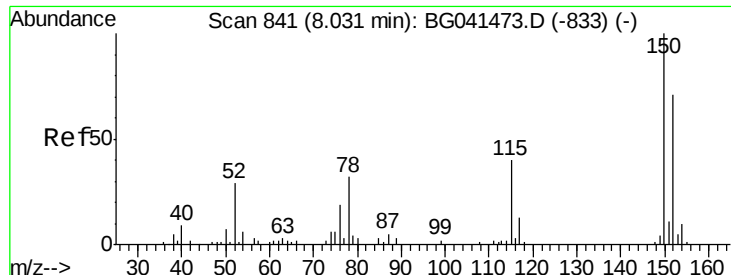
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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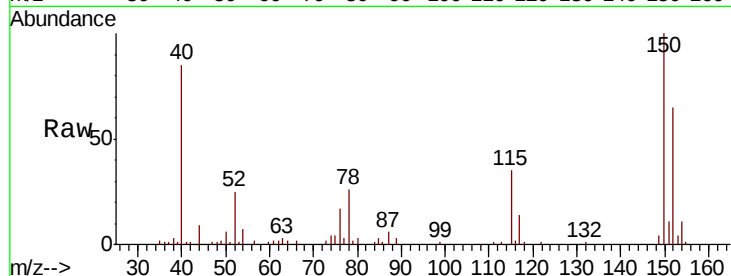


#1

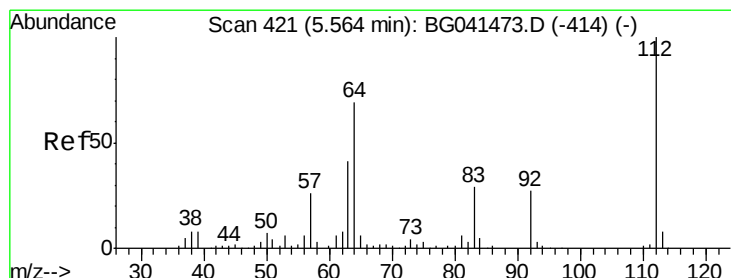
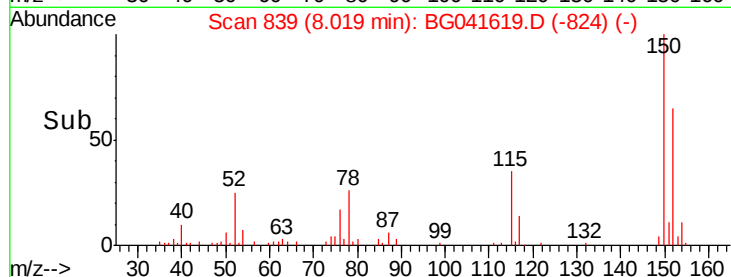
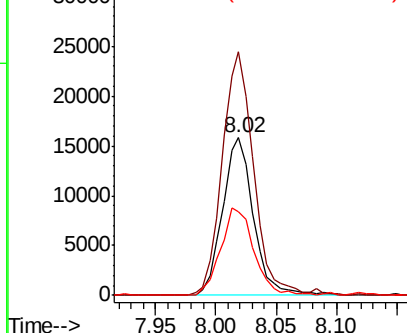
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG041619.D
Acq: 5 Jul 2019 19:51

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:152 Resp: 28019
Ion Ratio Lower Upper
152 100
150 154.4 112.4 168.6
115 53.4 44.6 66.8



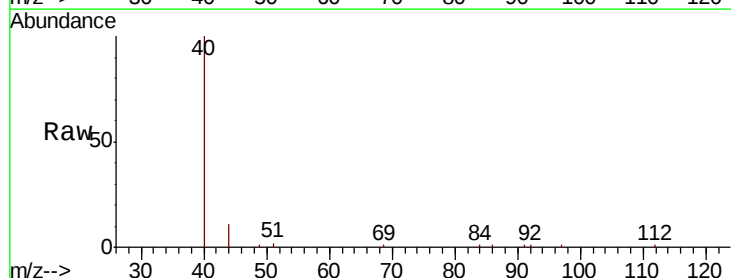
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



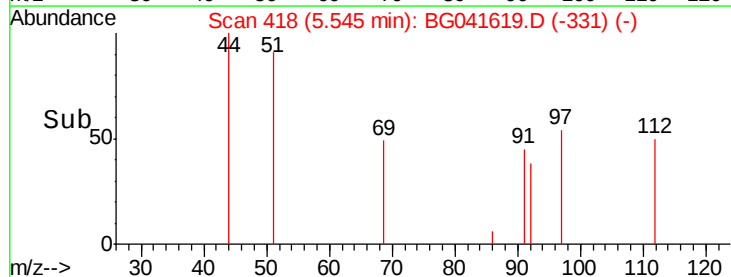
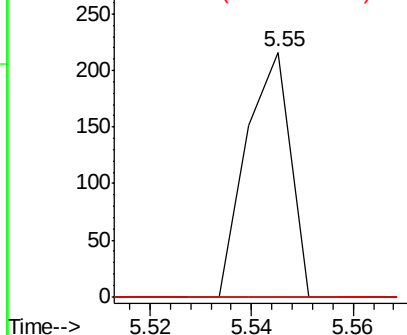
#5

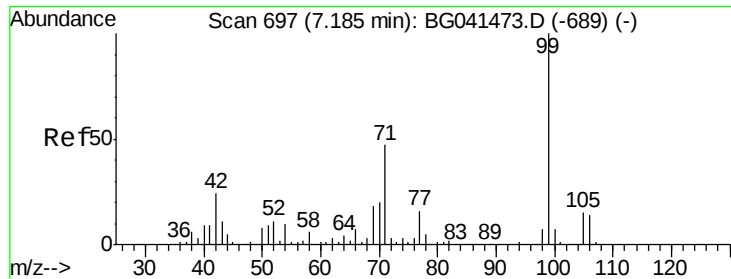
2-Fluorophenol
Concen: 0.082 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.02 min
Lab File: BG041619.D
Acq: 5 Jul 2019 19:51

Tgt Ion:112 Resp: 129
Ion Ratio Lower Upper
112 100
64 0.0 55.1 82.7#
63 0.0 32.4 48.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 0.161 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.02 min

Lab File: BG041619.D

Acq: 5 Jul 2019 19:51

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GWDL

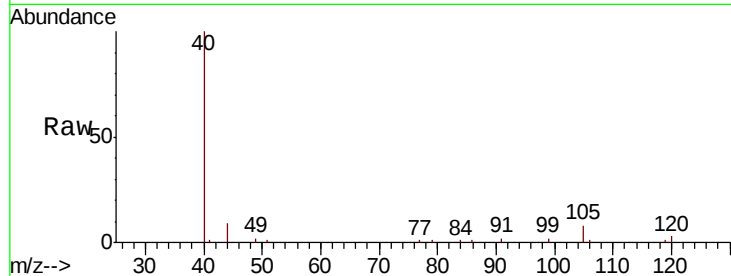
Tot Ion: 99 Resp: 356

Ion Ratio Lower Upper

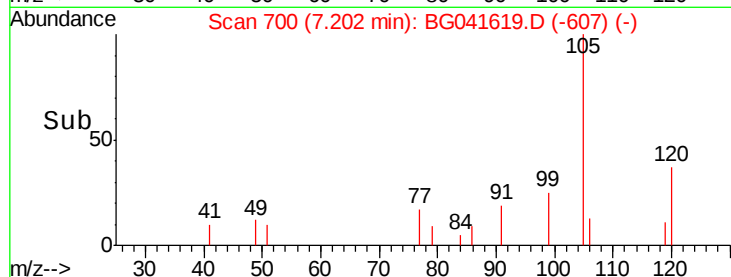
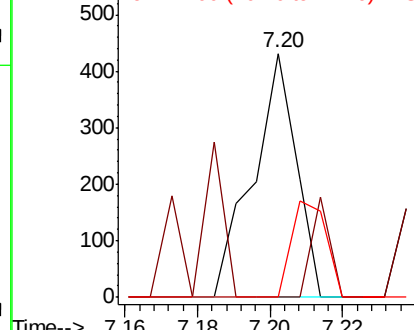
99 100

42 0.0 19.0 28.6#

71 0.0 37.4 56.2#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BG041619.D

Acq: 5 Jul 2019 19:51

Tgt Ion: 136 Resp: 109489

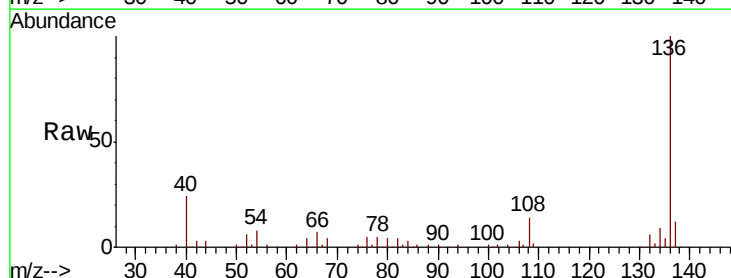
Ion Ratio Lower Upper

136 100

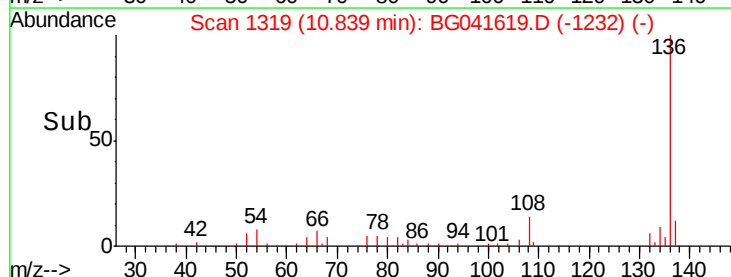
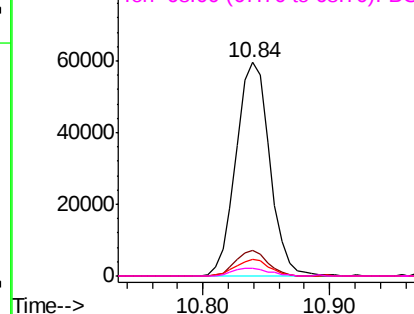
137 12.2 9.3 13.9

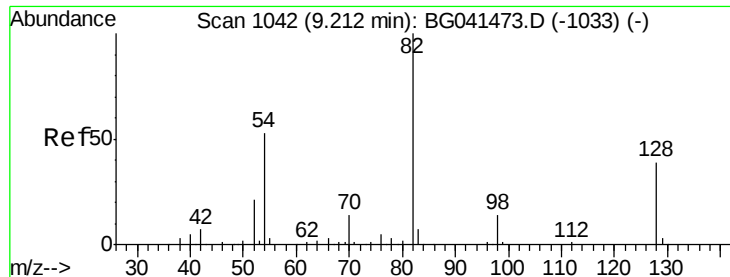
54 7.9 7.1 10.7

68 3.7 3.3 4.9



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

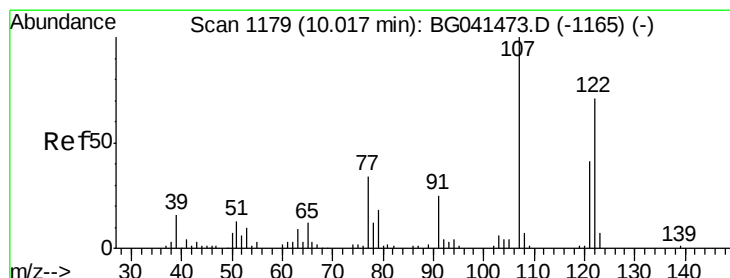
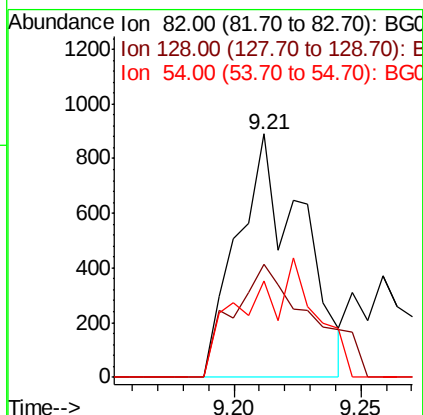
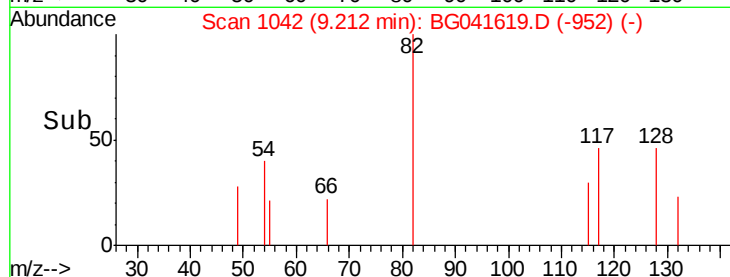
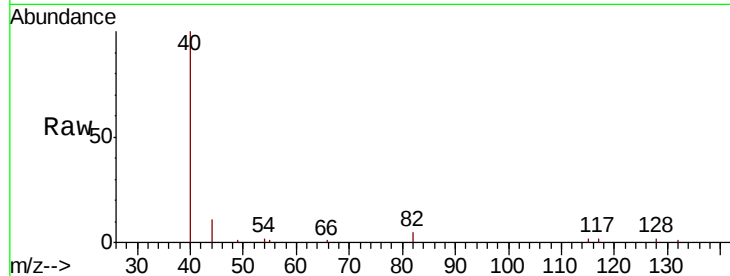




#23
Nitrobenzene-d5
Concen: 0.598 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041619.D
Acq: 5 Jul 2019 19:51

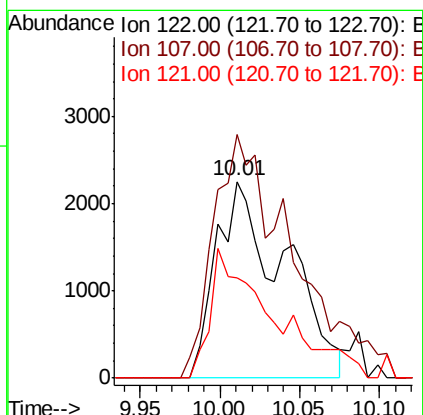
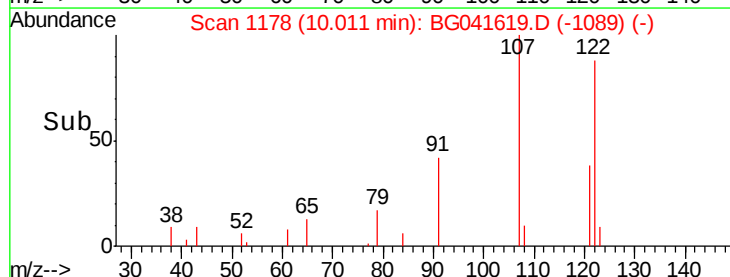
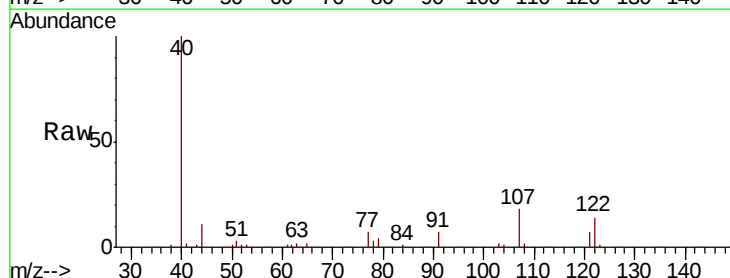
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GWDL

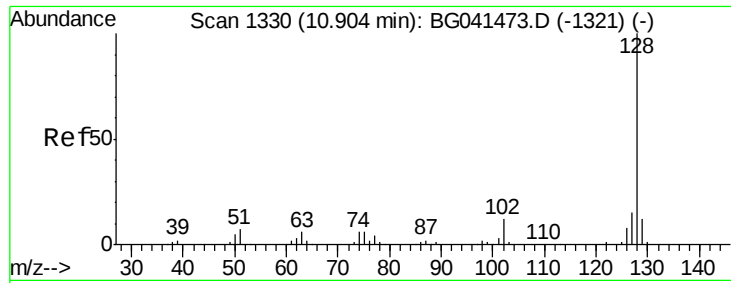
Tot Ion	82	Resp	1570
Ion Ratio	Lower	Upper	
82	100		
128	46.4	30.9	46.3#
54	39.6	42.2	63.2#



#27
2,4-Dimethylphenol
Concen: 4.419 ng m
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG041619.D
Acq: 5 Jul 2019 19:51

Tgt Ion	122	Resp	6768
Ion Ratio	Lower	Upper	
122	100		
107	124.1	112.9	169.3
121	50.9	46.1	69.1

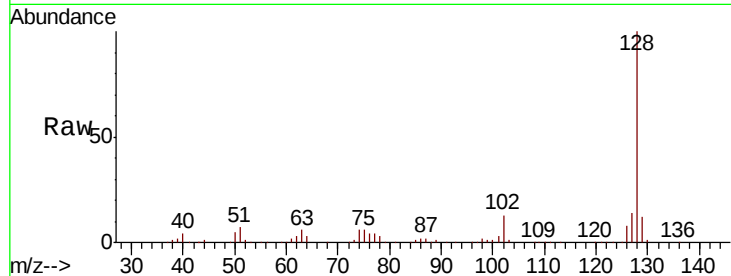




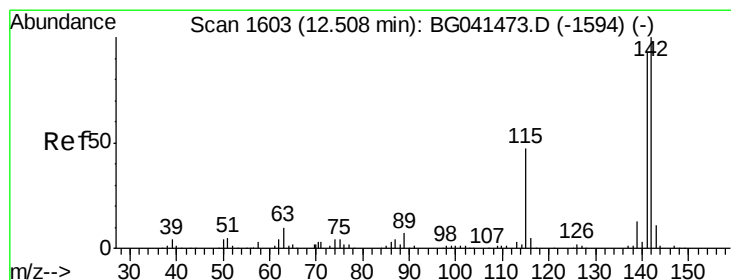
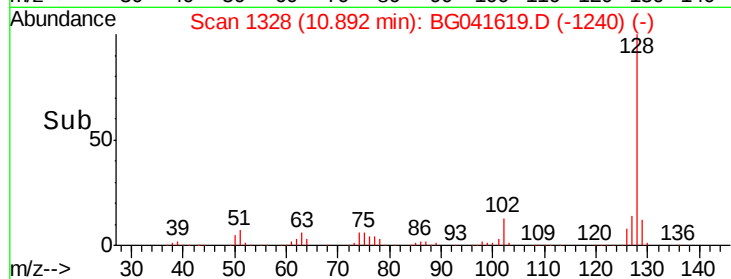
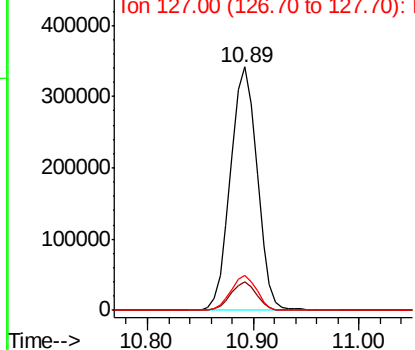
#31
Naphthalene
Concen: 98.631 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG041619.D
Acq: 5 Jul 2019 19:51

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:128 Resp: 597216
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 14.1 11.6 17.4

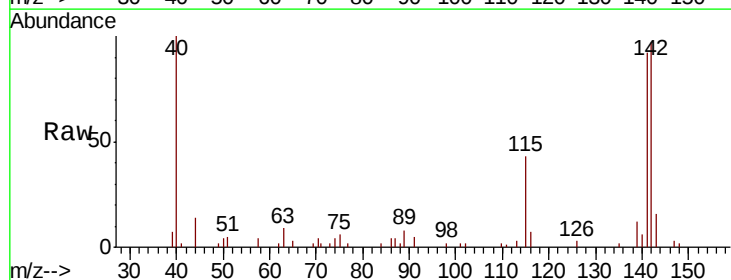


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

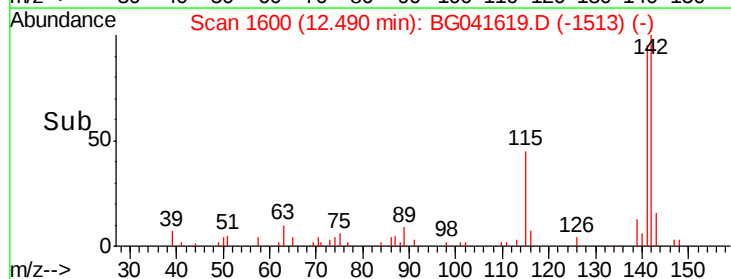
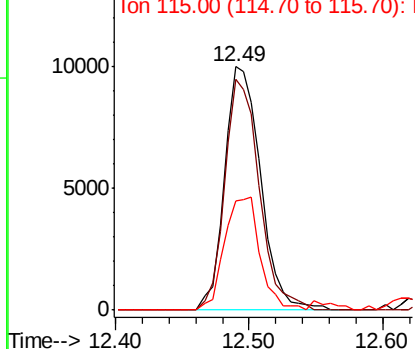


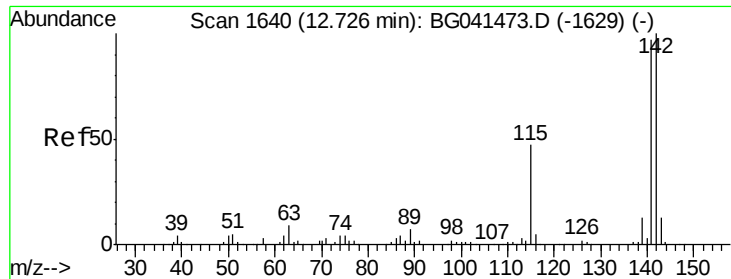
#37
2-Methylnaphthalene
Concen: 4.194 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BG041619.D
Acq: 5 Jul 2019 19:51

Tgt Ion:142 Resp: 18760
Ion Ratio Lower Upper
142 100
141 94.8 74.8 112.2
115 44.7 38.0 57.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

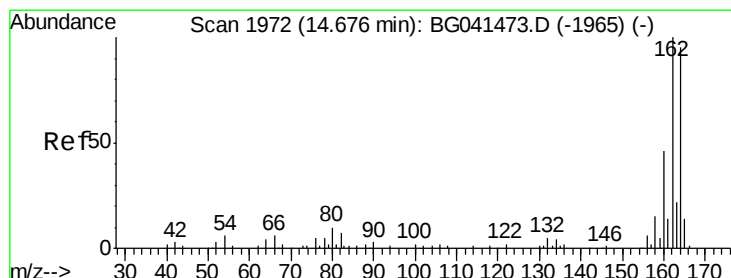
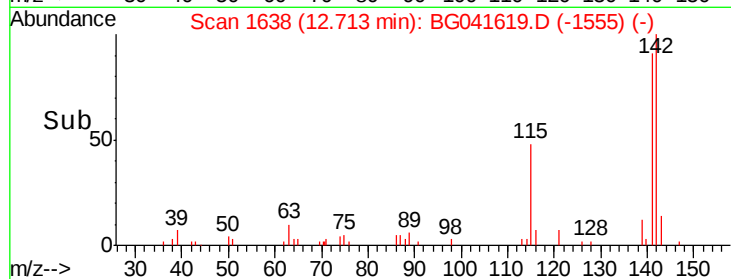
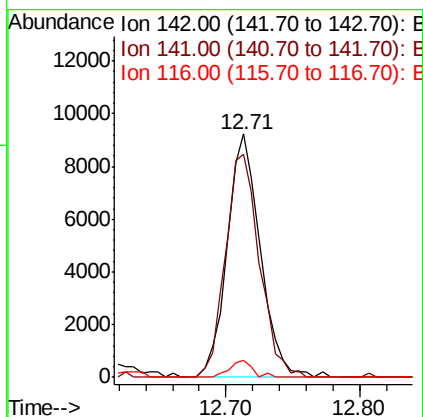
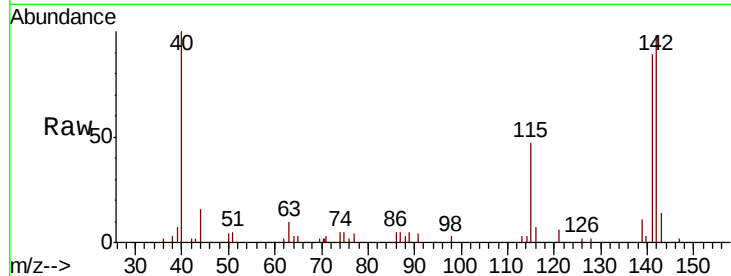




#38
 1-Methylnaphthalene
 Concen: 3.740 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG041619.D
 Acq: 5 Jul 2019 19:51

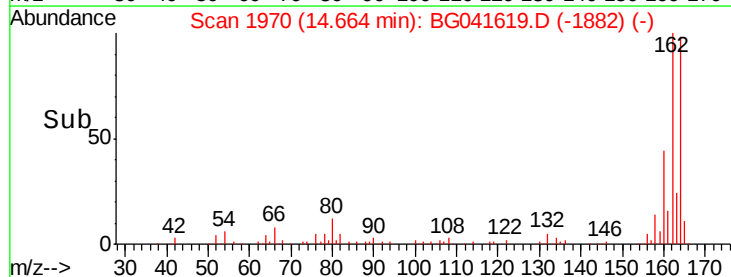
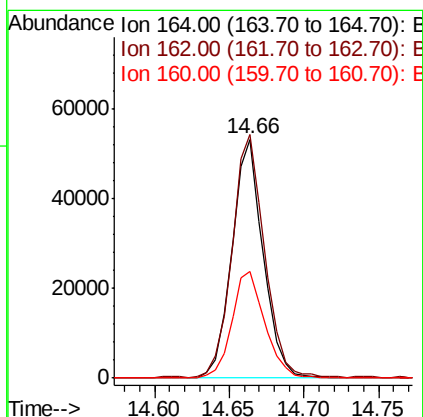
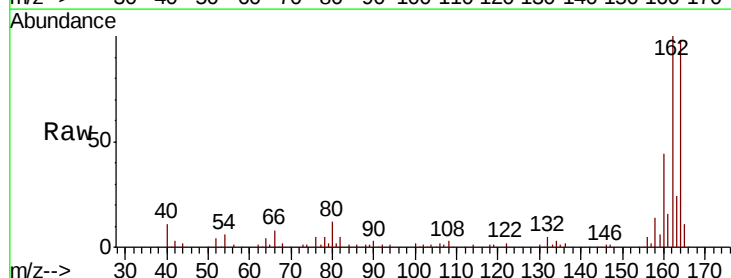
Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GWDL

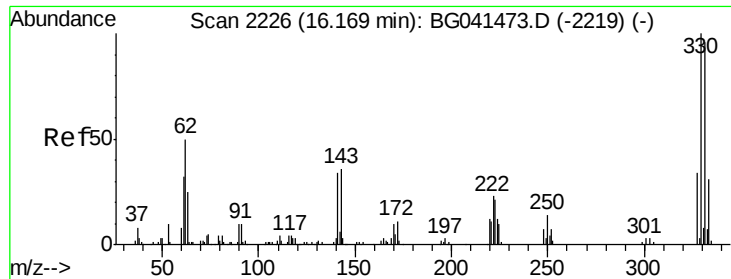
Tot Ion:142 Resp: 15962
 Ion Ratio Lower Upper
 142 100
 141 91.4 77.4 116.2
 116 6.8 3.8 5.8#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041619.D
 Acq: 5 Jul 2019 19:51

Tgt Ion:164 Resp: 77295
 Ion Ratio Lower Upper
 164 100
 162 102.0 84.4 126.6
 160 44.7 38.8 58.2

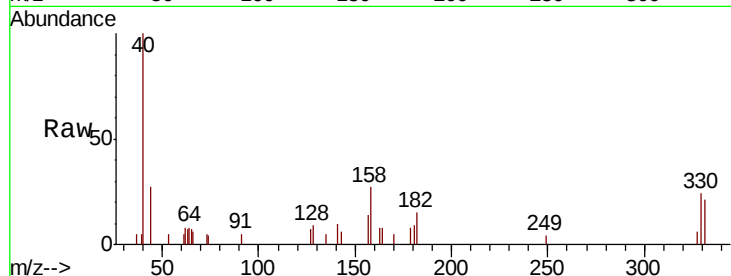




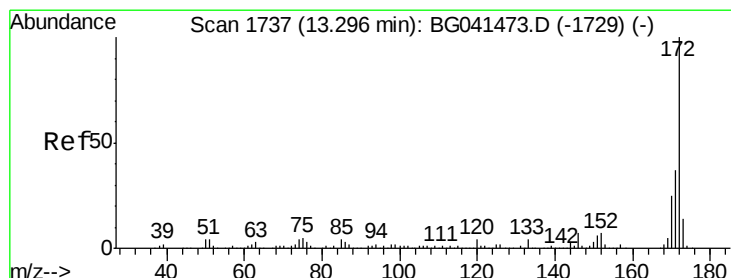
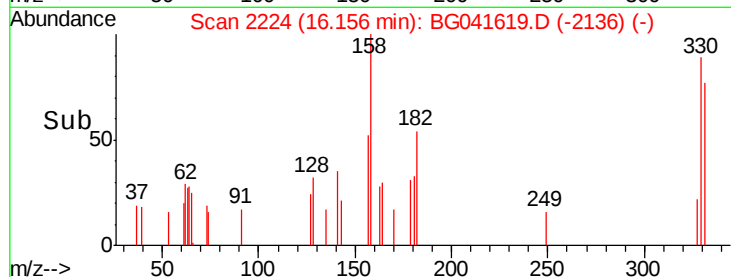
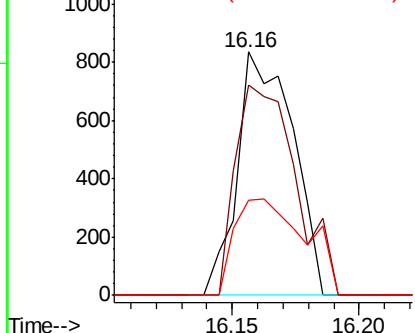
#42
 2,4,6-Tribromophenol
 Concen: 0.965 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG041619.D
 Acq: 5 Jul 2019 19:51

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GWDL

Tot Ion:330 Resp: 1274
 Ion Ratio Lower Upper
 330 100
 332 93.6 75.5 113.3
 141 50.3 27.8 41.6#

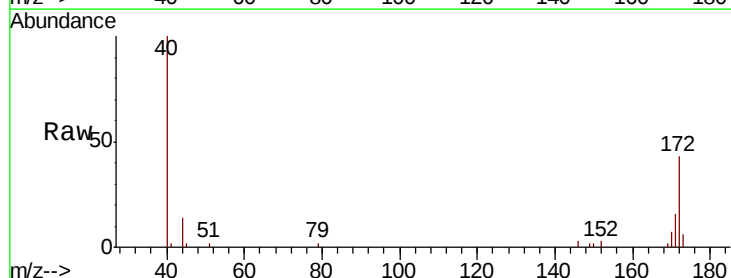


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

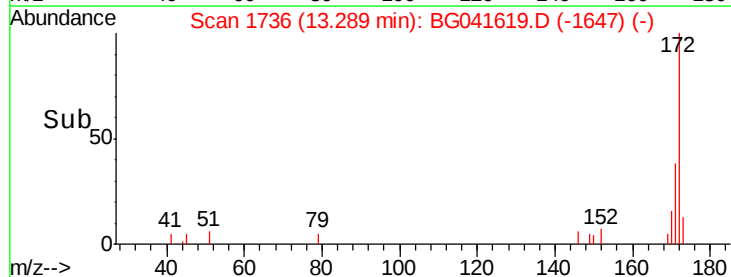
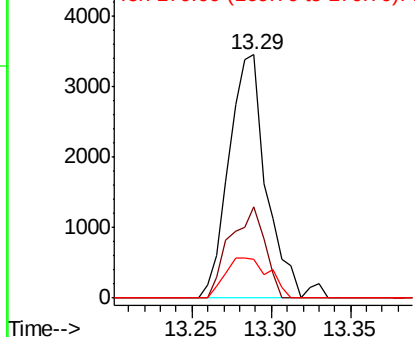


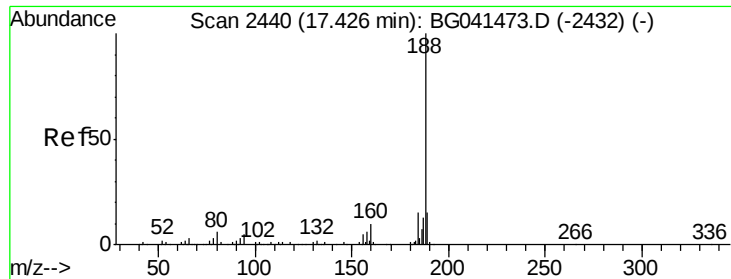
#45
 2-Fluorobiphenyl
 Concen: 0.947 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041619.D
 Acq: 5 Jul 2019 19:51

Tgt Ion:172 Resp: 5702
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 15.9 20.0 30.0#



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

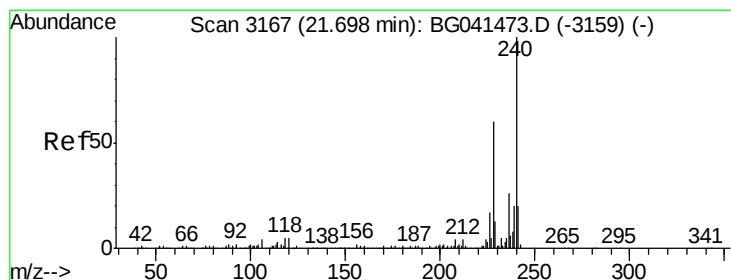
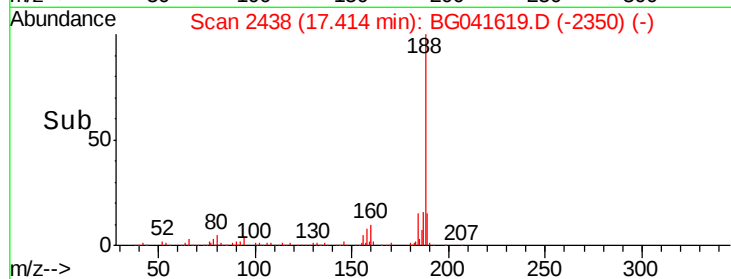
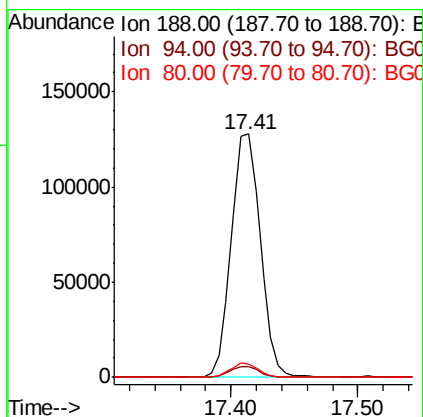
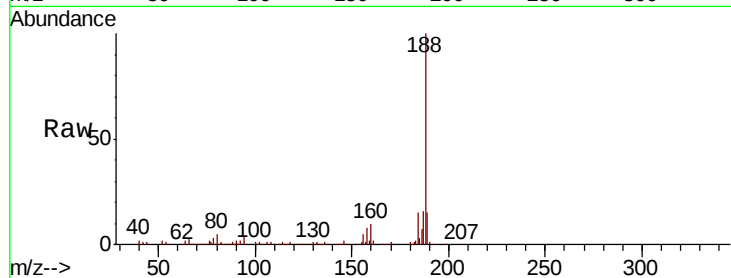




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG041619.D
Acq: 5 Jul 2019 19:51

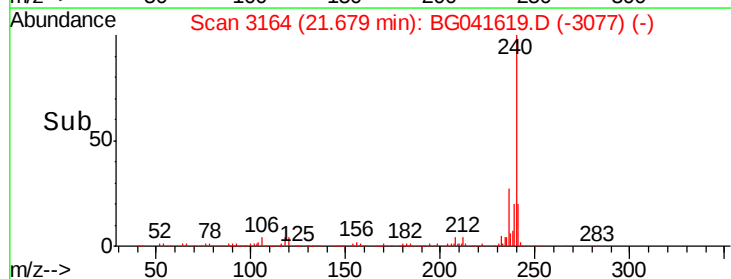
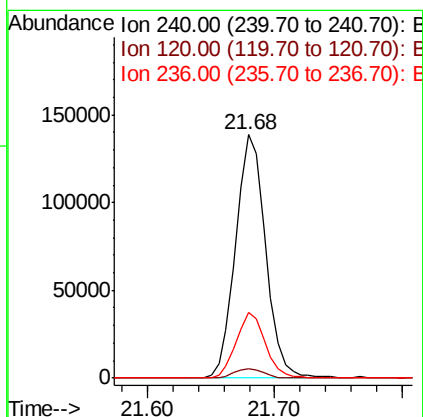
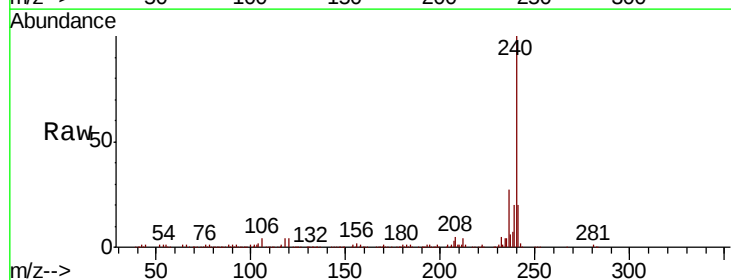
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GWDL

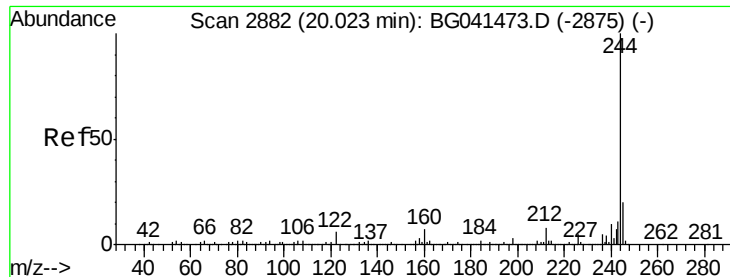
Tot Ion	Ratio	Lower	Upper
188	100		
94	4.2	3.8	5.8
80	5.3	4.8	7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG041619.D
Acq: 5 Jul 2019 19:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.6	3.7	5.5#
236	27.2	20.8	31.2





#79

Terphenyl-d14

Concen: 1.017 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG041619.D

Acq: 5 Jul 2019 19:51

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GWDL

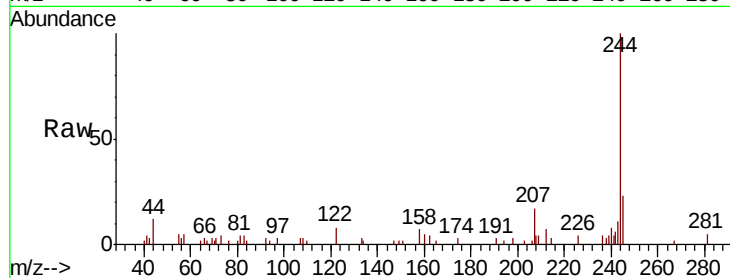
Tot Ion:244 Resp: 10865

Ion Ratio Lower Upper

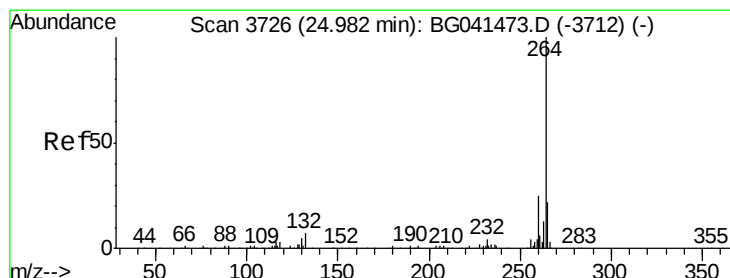
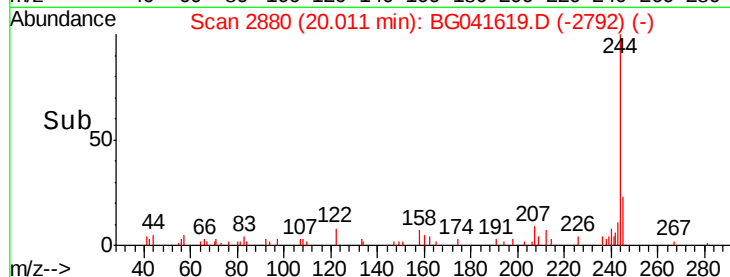
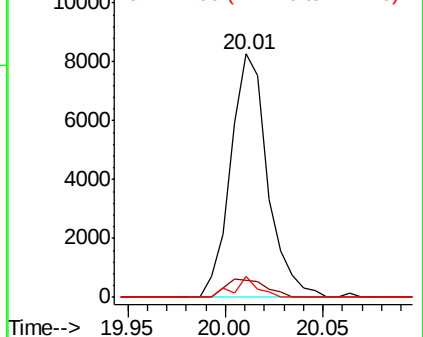
244 100

212 6.8 6.2 9.4

122 8.4 4.8 7.2#



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: 24.95 min Scan# 3721

Delta R.T. -0.03 min

Lab File: BG041619.D

Acq: 5 Jul 2019 19:51

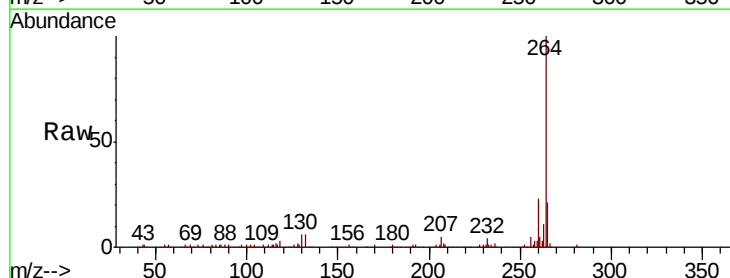
Tgt Ion:264 Resp: 246878

Ion Ratio Lower Upper

264 100

260 22.6 19.7 29.5

265 21.1 17.4 26.2



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

