

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041430.D
 Acq On : 24 Jun 2019 20:36
 Operator : HP/JU
 Sample : K3499-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-B-6

Quant Time: Jun 25 05:53:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

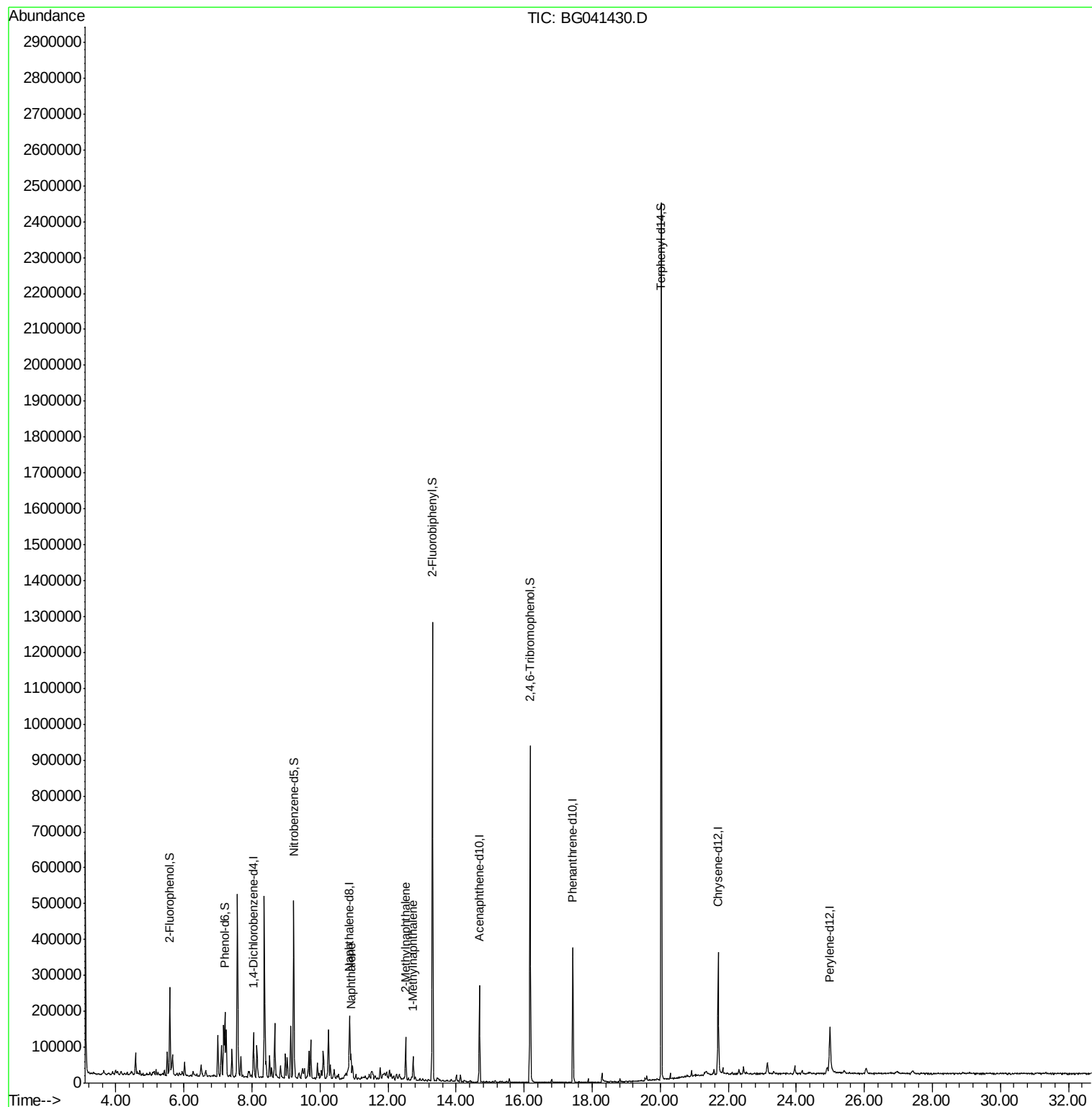
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33914	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	133386	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	93300	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	233302	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	231114	20.00	ng	-0.04
87) Perylene-d12	24.99	264	187693	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	104813	56.79	ng	-0.04
7) Phenol-d6	7.20	99	97150	36.31	ng	-0.03
23) Nitrobenzene-d5	9.23	82	258912	81.63	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	185689	129.64	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	639580	93.17	ng	-0.03
79) Terphenyl-d14	20.03	244	1130110	96.91	ng	-0.03
Target Compounds						
31) Naphthalene	10.91	128	38321	5.286	ng	99
37) 2-Methylnaphthalene	12.52	142	51916	9.723	ng	98
38) 1-Methylnaphthalene	12.73	142	30351	5.941	ng	99

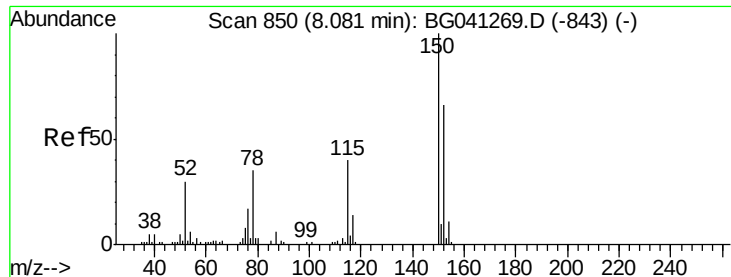
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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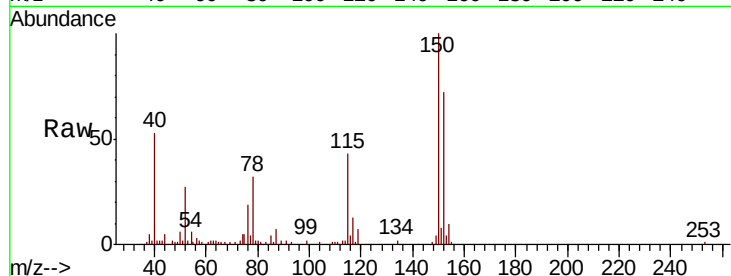


#1

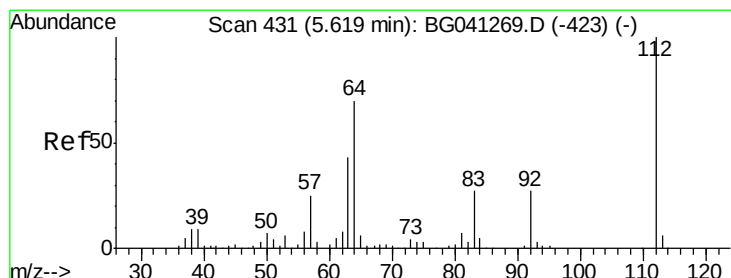
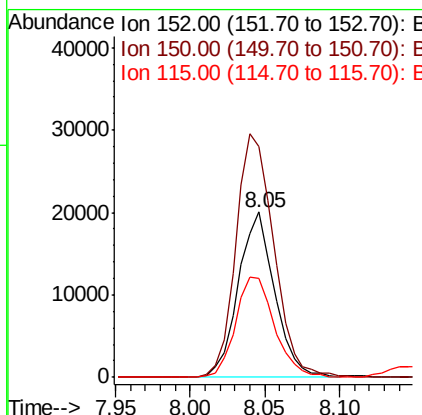
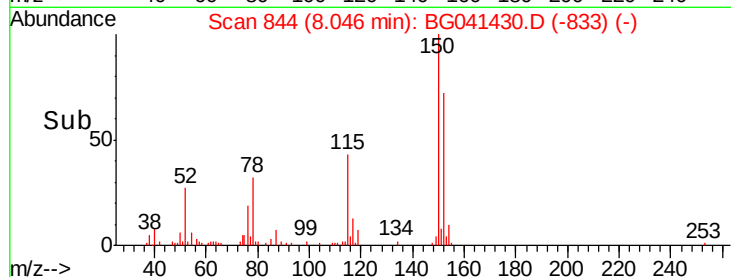
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041430.D
Acq: 24 Jun 2019 20:36

Instrument :
BNA_G
ClientSampleId :
TWP-B-6

Tot Ion:152 Resp: 33914
Ion Ratio Lower Upper
152 100
150 139.6 120.6 181.0
115 59.8 47.9 71.9



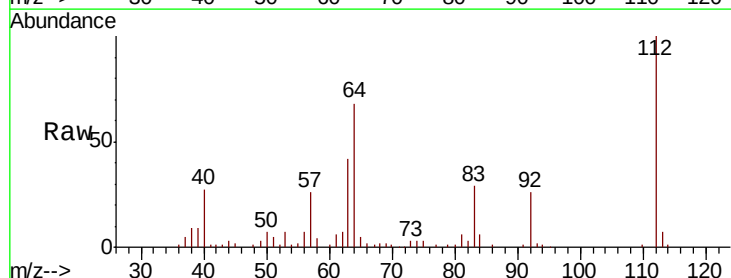
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



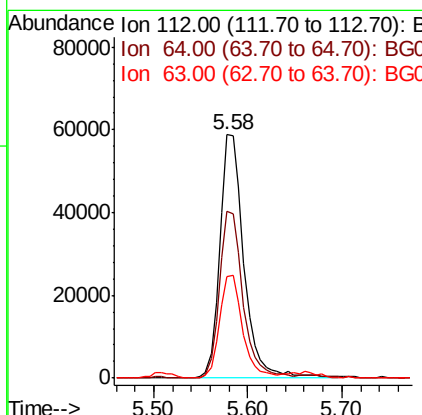
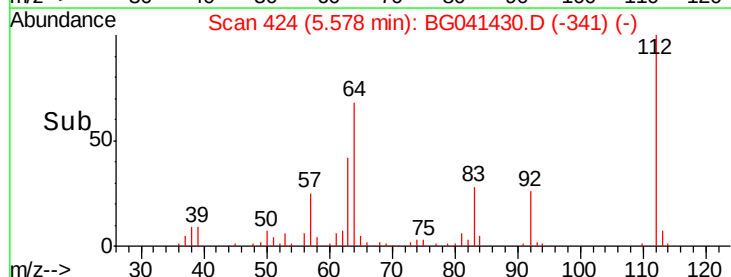
#5

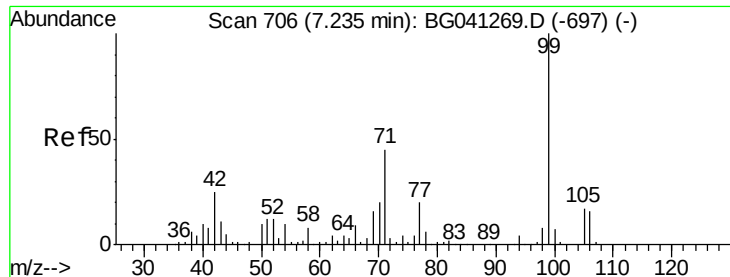
2-Fluorophenol
Concen: 56.786 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041430.D
Acq: 24 Jun 2019 20:36

Tgt Ion:112 Resp: 104813
Ion Ratio Lower Upper
112 100
64 68.4 55.9 83.9
63 41.5 34.6 51.8



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: 36.312 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041430.D

Acq: 24 Jun 2019 20:36

Instrument :

BNA_G

ClientSampleId :

TWP-B-6

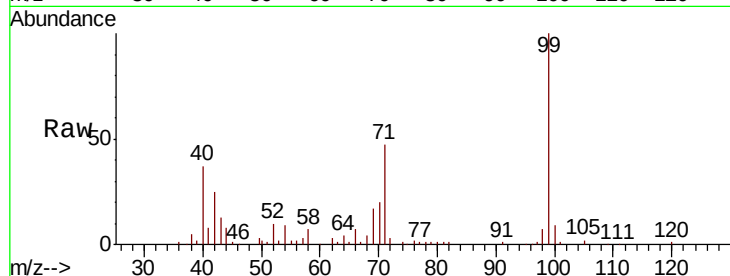
Tot Ion: 99 Resp: 97150

Ion Ratio Lower Upper

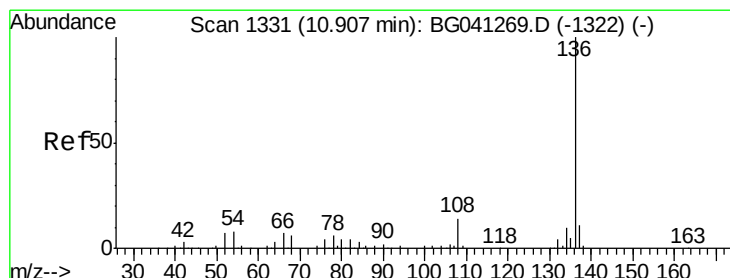
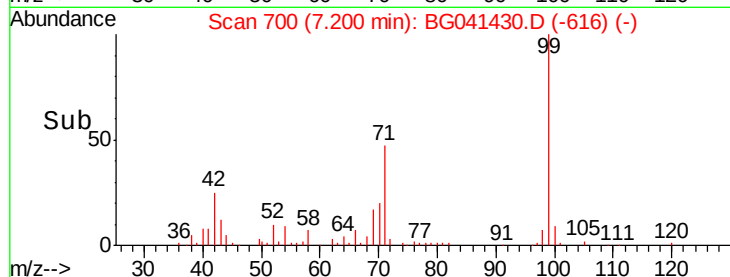
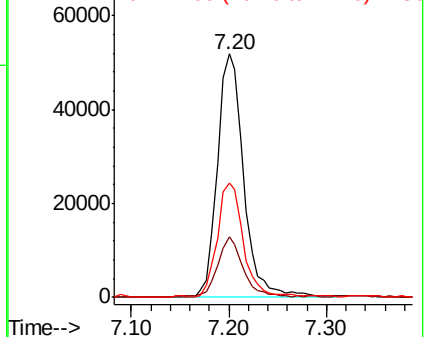
99 100

42 24.9 19.9 29.9

71 46.9 36.4 54.6



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: 10.87 min Scan# 1324

Delta R.T. -0.04 min

Lab File: BG041430.D

Acq: 24 Jun 2019 20:36

Tgt Ion: 136 Resp: 133386

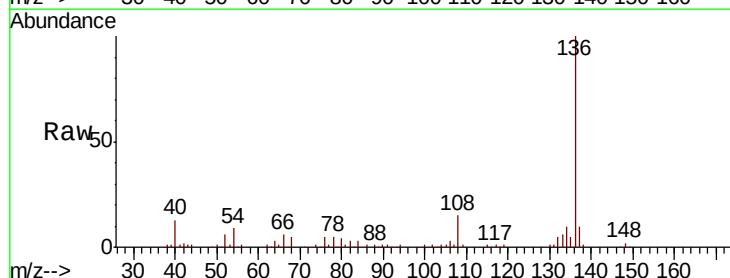
Ion Ratio Lower Upper

136 100

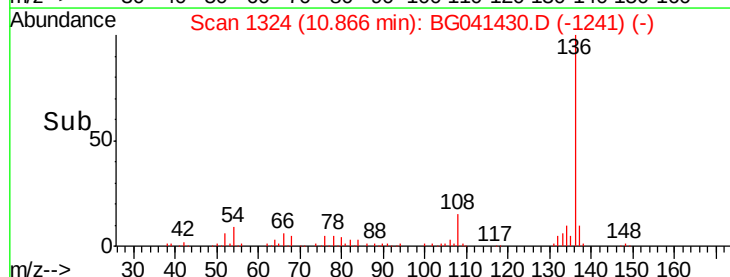
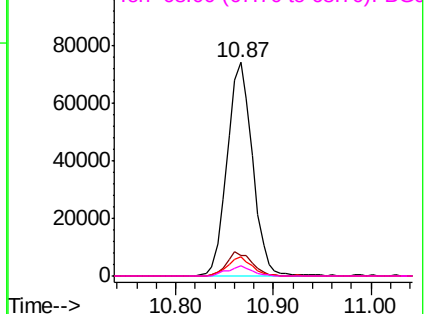
137 9.7 8.8 13.2

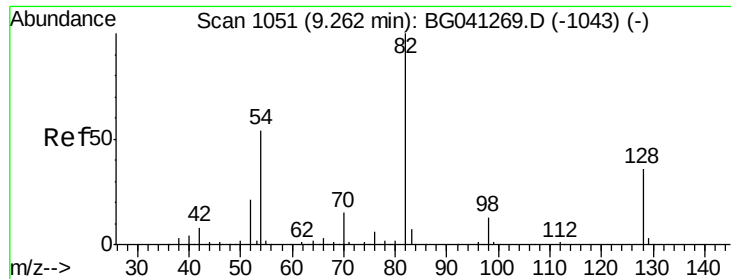
54 8.9 6.4 9.6

68 4.6 4.8 7.2#



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

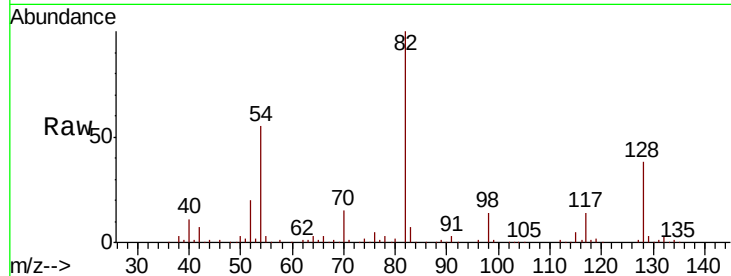




#23
Nitrobenzene-d5
Concen: 81.634 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041430.D
Acq: 24 Jun 2019 20:36

Instrument :
BNA_G
ClientSampleId :
TWP-B-6

Tot Ion	82	Resp	258912
Ion Ratio	Lower	Upper	
82	100		
128	38.2	29.2	43.8
54	54.6	43.4	65.0

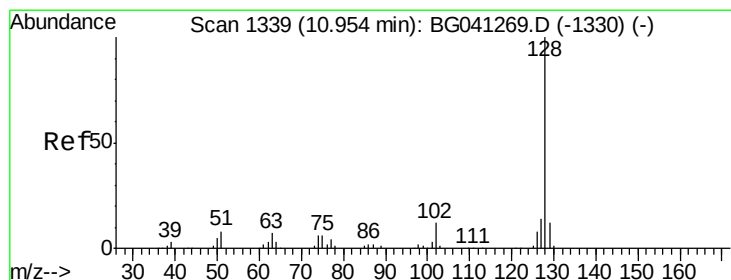
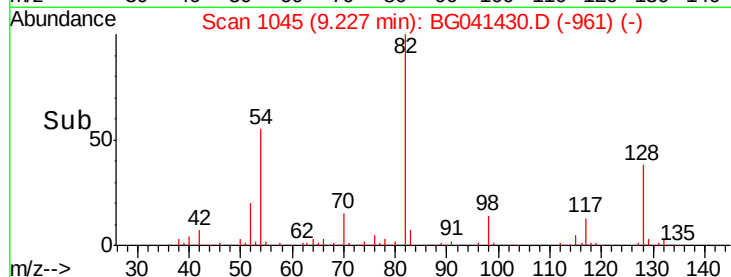
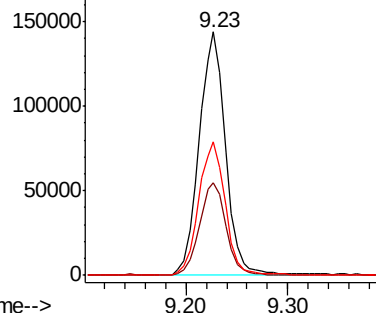


Abundance

Ion 82.00 (81.70 to 82.70): BGC

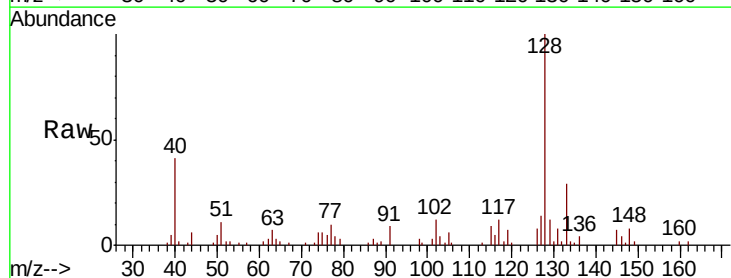
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31
Naphthalene
Concen: 5.286 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BG041430.D
Acq: 24 Jun 2019 20:36

Tgt Ion	128	Resp	38321
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.4	14.0
127	13.9	11.2	16.8

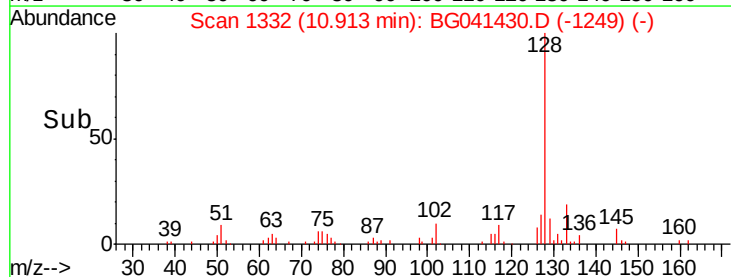
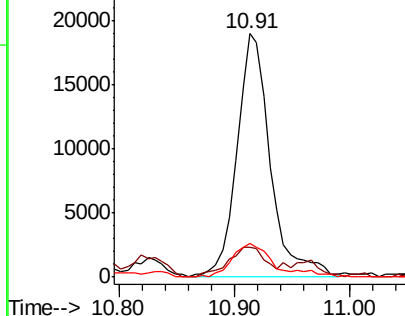


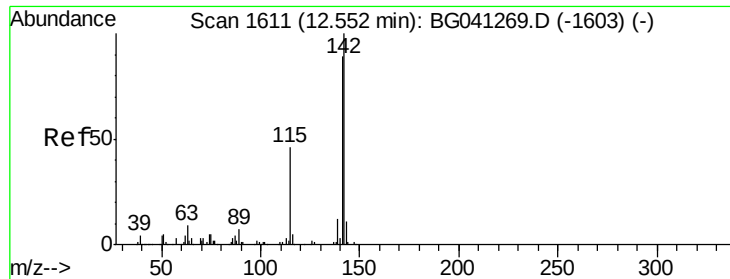
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#37

2-Methylnaphthalene

Concen: 9.723 ng

RT: 12.52 min Scan# 1605

Delta R.T. -0.03 min

Lab File: BG041430.D

Acq: 24 Jun 2019 20:36

Instrument :

BNA_G

ClientSampleId :

TWP-B-6

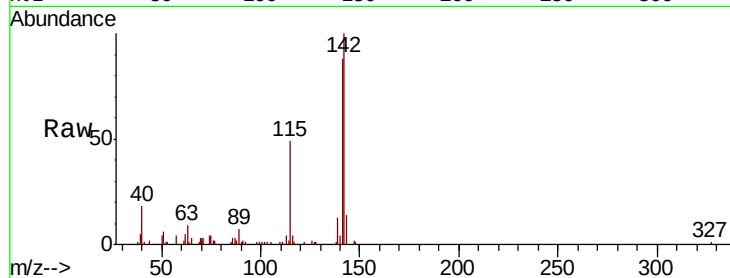
Tot Ion:142 Resp: 51916

Ion Ratio Lower Upper

142 100

141 88.2 71.5 107.3

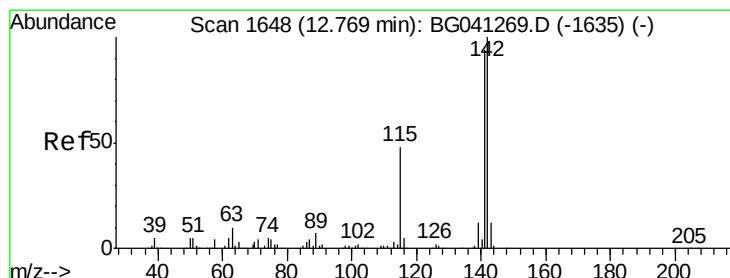
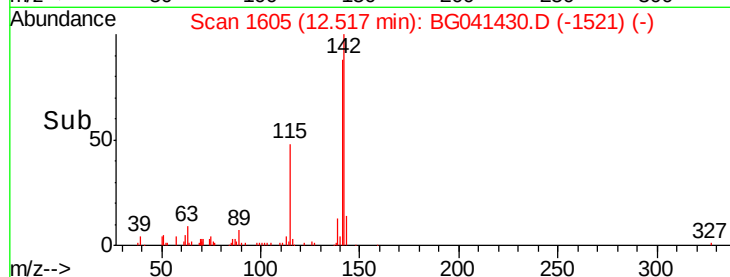
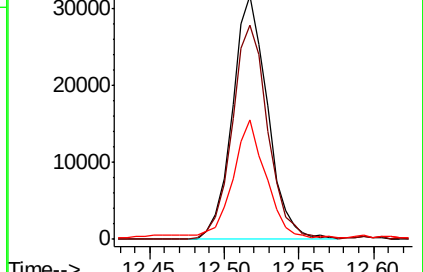
115 49.0 37.0 55.6



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: 5.941 ng

RT: 12.73 min Scan# 1642

Delta R.T. -0.03 min

Lab File: BG041430.D

Acq: 24 Jun 2019 20:36

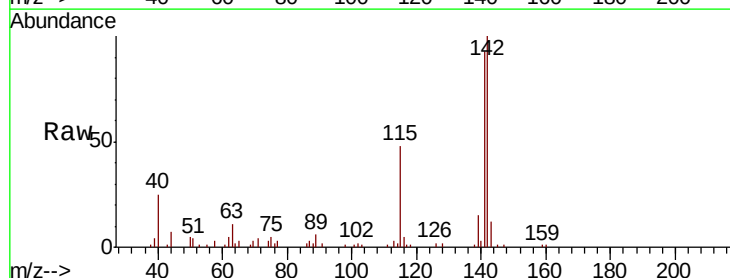
Tgt Ion:142 Resp: 30351

Ion Ratio Lower Upper

142 100

141 92.6 75.0 112.6

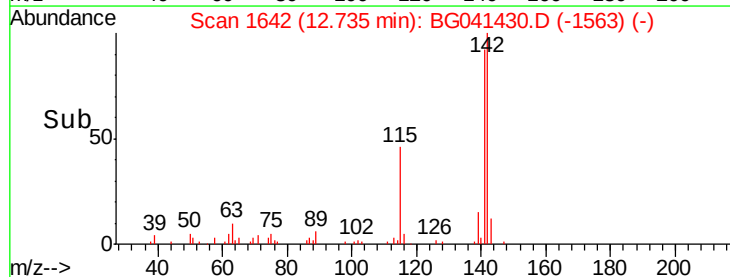
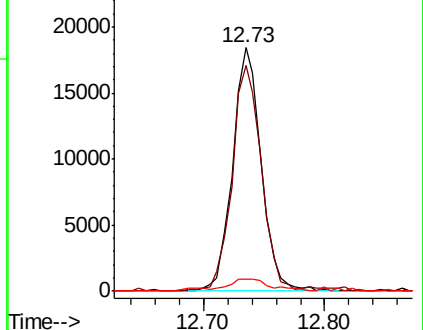
116 4.7 4.2 6.2

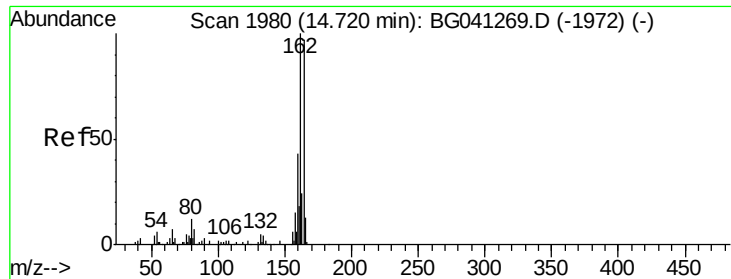


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.03 min

Lab File: BG041430.D

Acq: 24 Jun 2019 20:36

Instrument :

BNA_G

ClientSampleId :

TWP-B-6

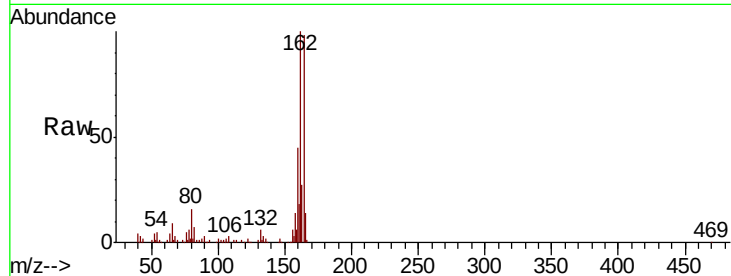
Tot Ion:164 Resp: 93300

Ion Ratio Lower Upper

164 100

162 101.9 82.8 124.2

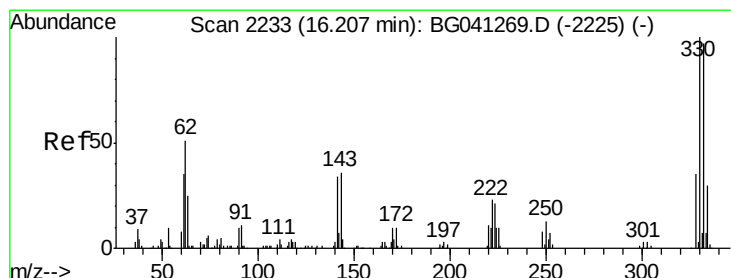
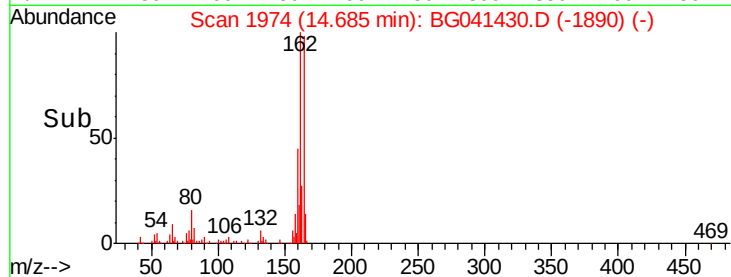
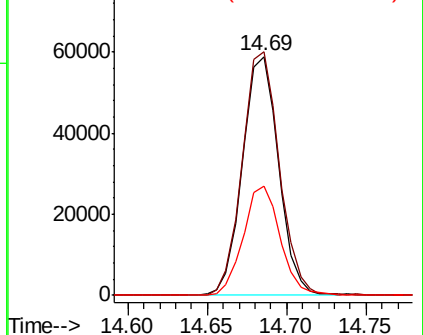
160 45.8 35.8 53.8



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: 129.638 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041430.D

Acq: 24 Jun 2019 20:36

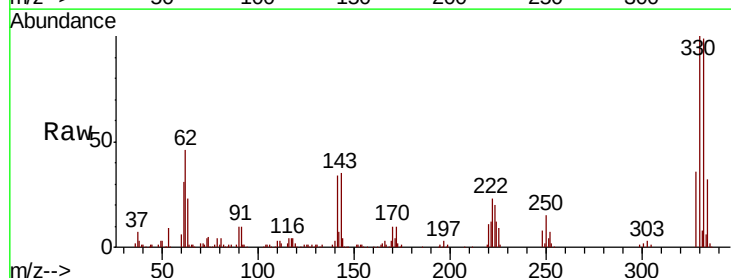
Tgt Ion:330 Resp: 185689

Ion Ratio Lower Upper

330 100

332 97.1 75.5 113.3

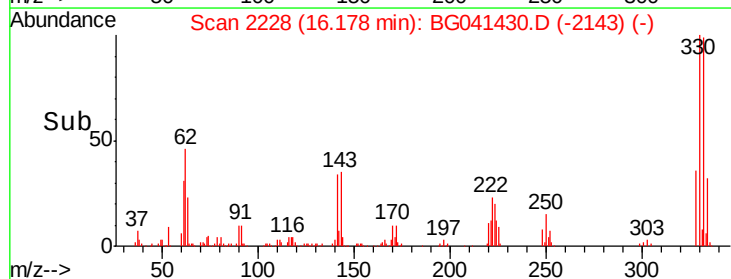
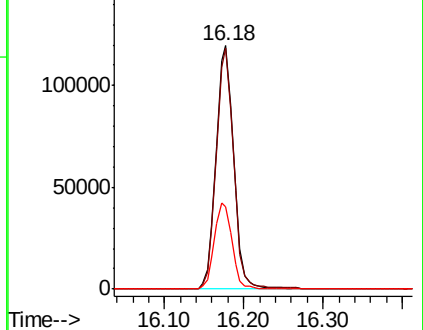
141 35.3 29.0 43.4

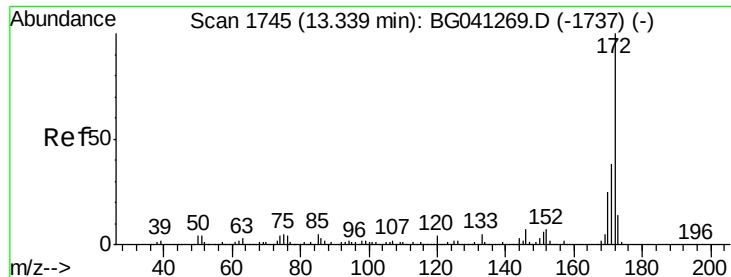


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

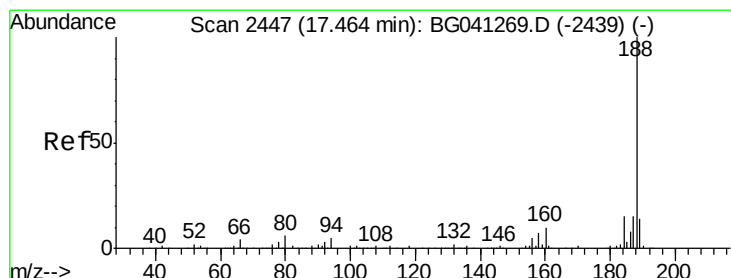
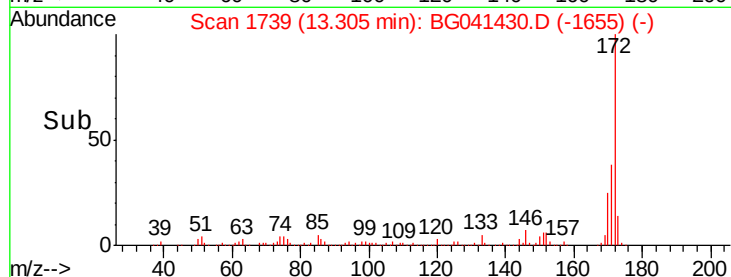
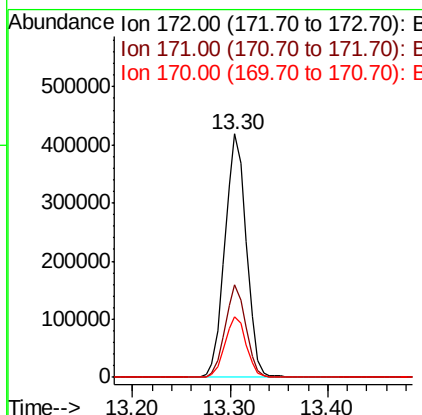
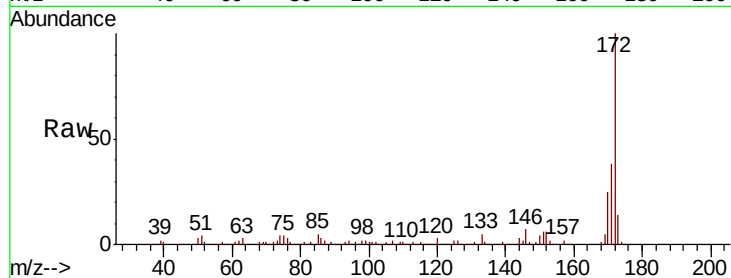




#45
 2-Fluorobiphenyl
 Concen: 93.171 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041430.D
 Acq: 24 Jun 2019 20:36

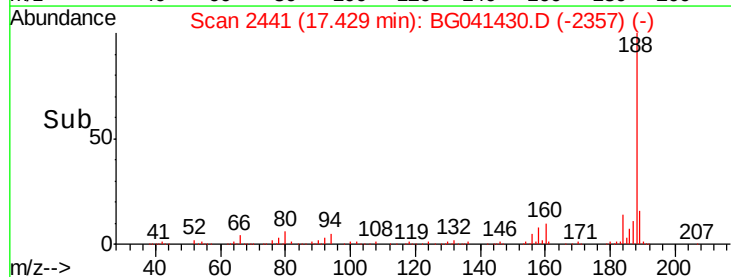
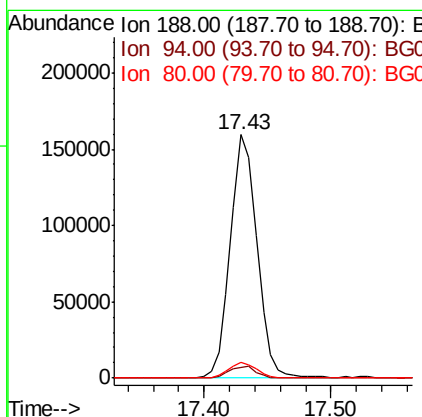
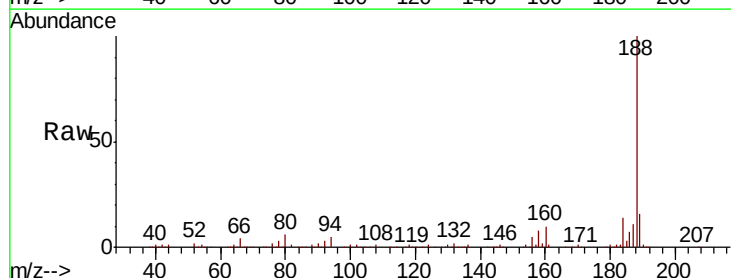
Instrument :
 BNA_G
 ClientSampled :
 TWP-B-6

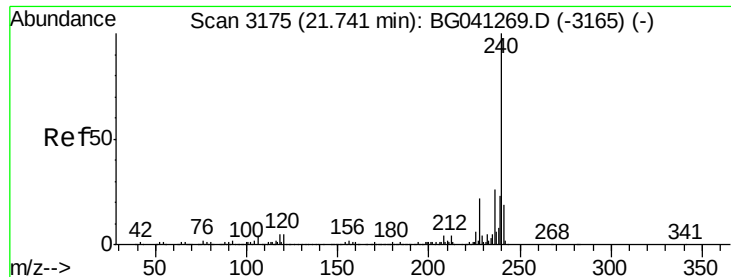
Tot Ion:172 Resp: 639580
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.0 19.8 29.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.03 min
 Lab File: BG041430.D
 Acq: 24 Jun 2019 20:36

Tgt Ion:188 Resp: 233302
 Ion Ratio Lower Upper
 188 100
 94 4.6 3.6 5.4
 80 6.3 4.8 7.2

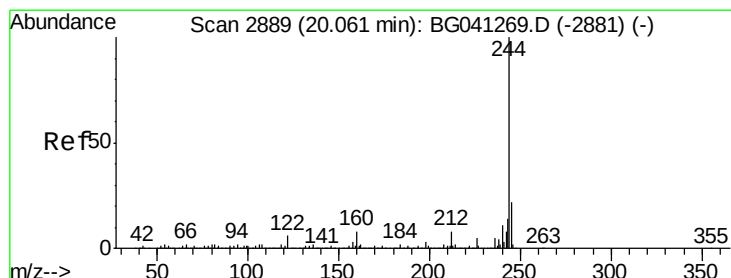
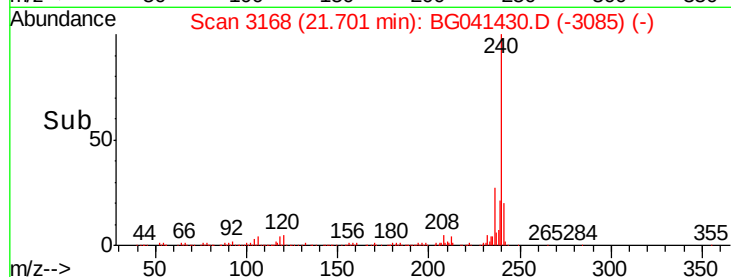
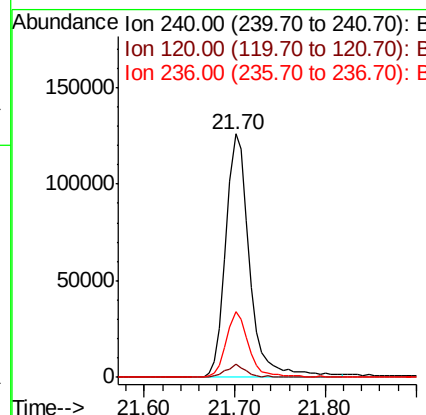
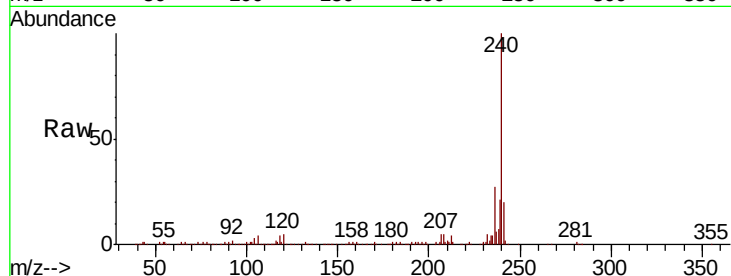




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041430.D
Acq: 24 Jun 2019 20:36

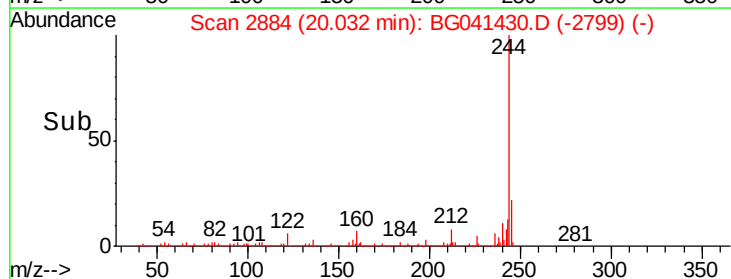
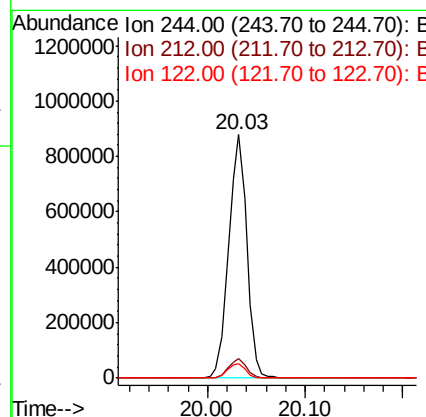
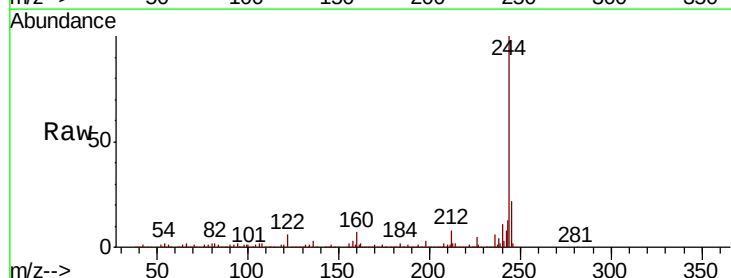
Instrument :
BNA_G
ClientSampleId :
TWP-B-6

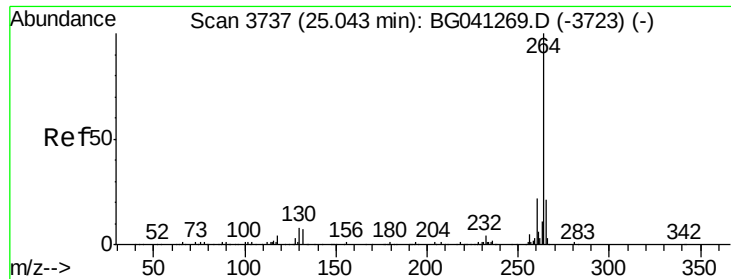
Tot Ion:240 Resp: 231114
Ion Ratio Lower Upper
240 100
120 5.3 3.7 5.5
236 27.0 21.1 31.7



#79
Terphenyl-d14
Concen: 96.907 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041430.D
Acq: 24 Jun 2019 20:36

Tgt Ion:244 Resp: 1130110
Ion Ratio Lower Upper
244 100
212 8.2 6.6 10.0
122 6.1 5.0 7.4

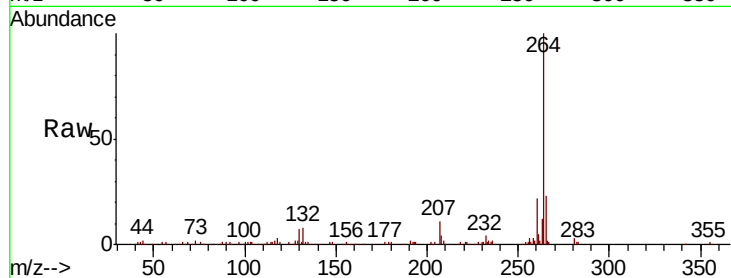




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3728
 Delta R.T. -0.05 min
 Lab File: BG041430.D
 Acq: 24 Jun 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 TWP-B-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.2
265	23.4	17.2	25.8



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

