

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041361.D
 Acq On : 20 Jun 2019 17:44
 Operator : HP/JU
 Sample : K3157-05 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-C

Quant Time: Jun 20 18:31:13 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

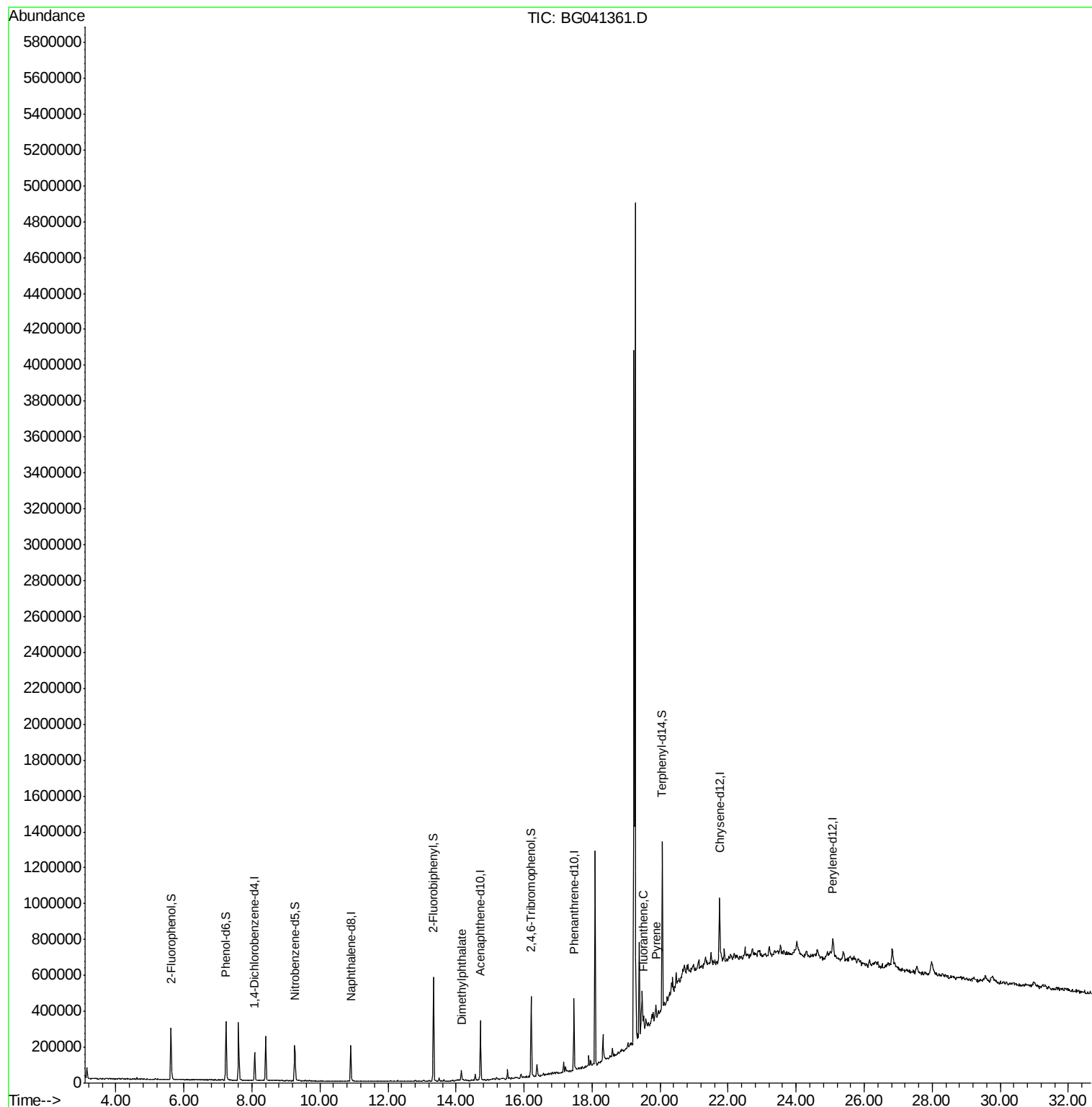
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42534	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	163879	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111941	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	249964	20.00	ng	0.00
76) Chrysene-d12	21.74	240	248901	20.00	ng	0.00
87) Perylene-d12	25.08	264	145984	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	119819	51.76	ng	0.00
7) Phenol-d6	7.24	99	173712	51.77	ng	0.00
23) Nitrobenzene-d5	9.26	82	128484	32.97	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	83469	48.57	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	294683	35.78	ng	0.00
79) Terphenyl-d14	20.06	244	443292	35.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	33059	3.319	ng	Qvalue
75) Fluoranthene	19.52	202	38535	2.176	ng	# 95
78) Pyrene	19.88	202	47013	2.801	ng	# 90

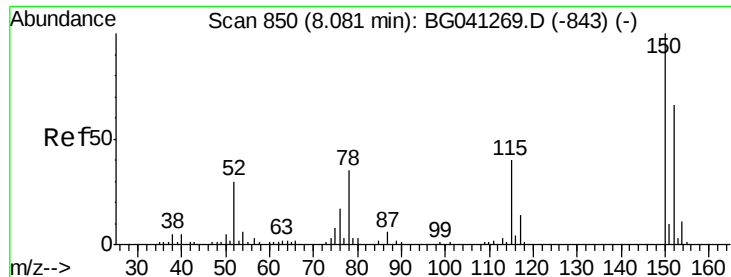
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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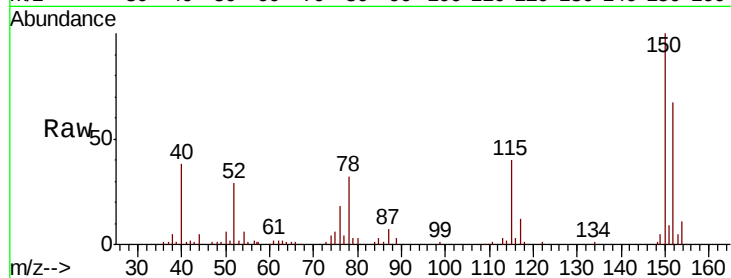


#1

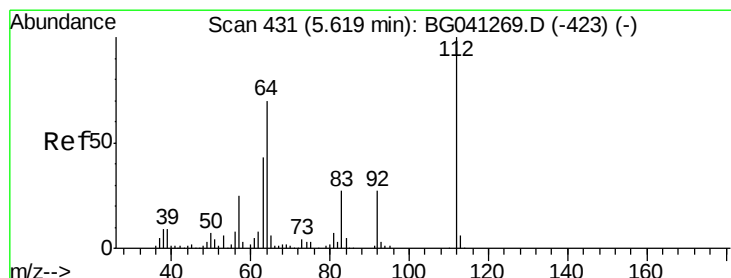
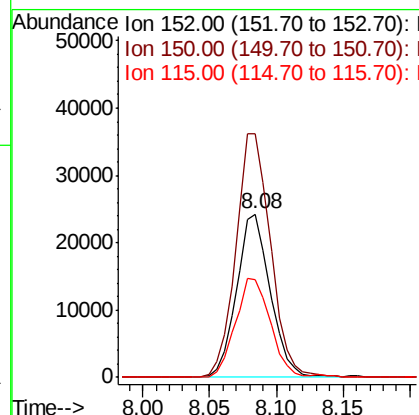
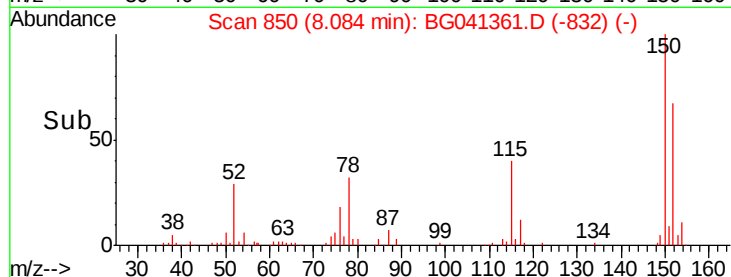
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041361.D
Acq: 20 Jun 2019 17:44

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-C

Tgt Ion:152 Resp: 42534
Ion Ratio Lower Upper
152 100
150 149.3 120.6 181.0
115 60.0 47.9 71.9



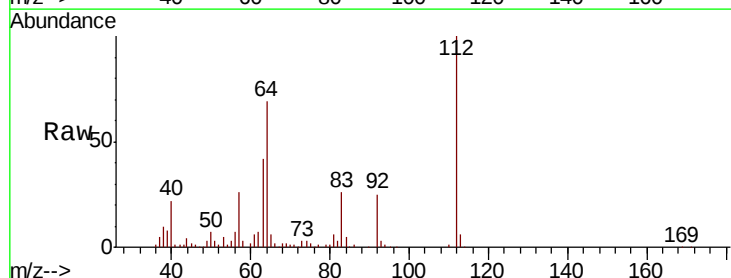
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



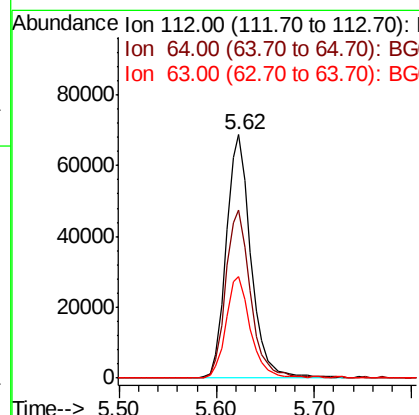
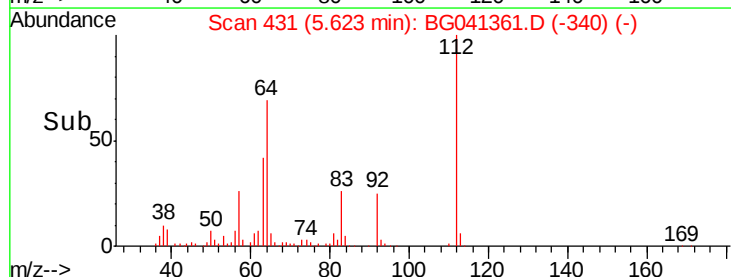
#5

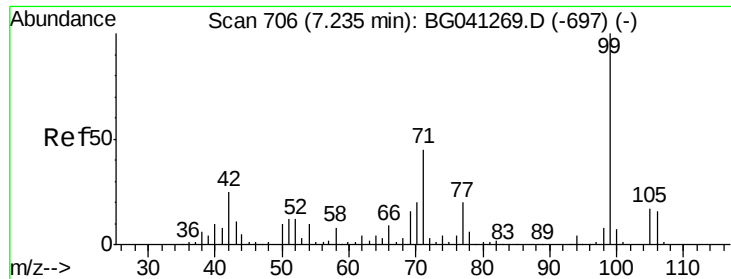
2-Fluorophenol
Concen: 51.760 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041361.D
Acq: 20 Jun 2019 17:44

Tgt Ion:112 Resp: 119819
Ion Ratio Lower Upper
112 100
64 69.1 55.9 83.9
63 42.0 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: 51.770 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041361.D

Acq: 20 Jun 2019 17:44

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-C

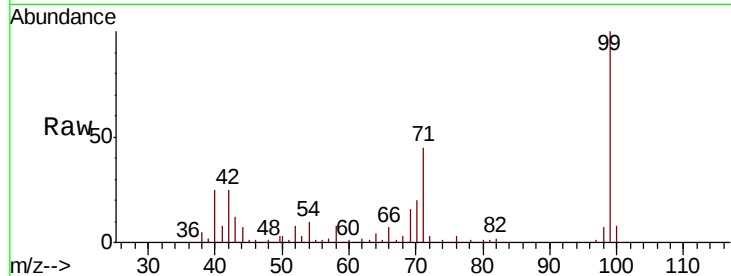
Tgt Ion: 99 Resp: 173712

Ion Ratio Lower Upper

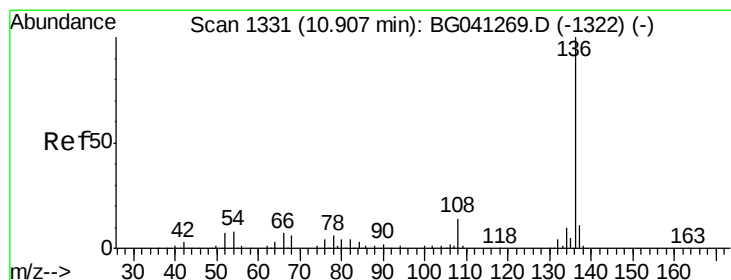
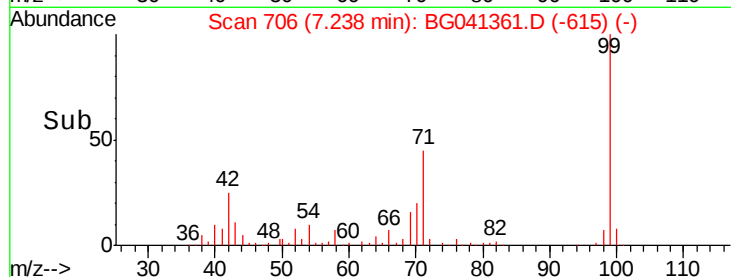
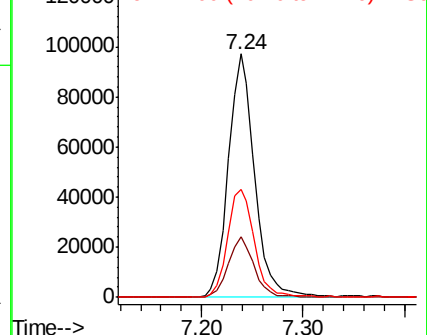
99 100

42 25.1 19.9 29.9

71 44.6 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: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041361.D

Acq: 20 Jun 2019 17:44

Tgt Ion: 136 Resp: 163879

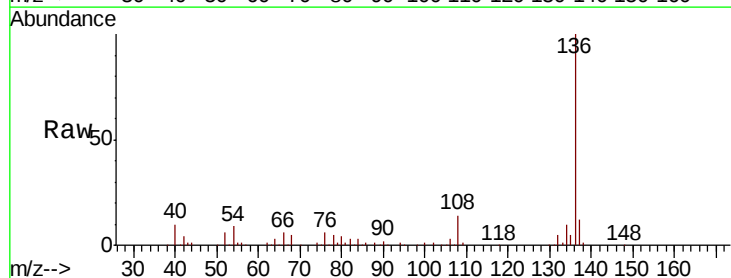
Ion Ratio Lower Upper

136 100

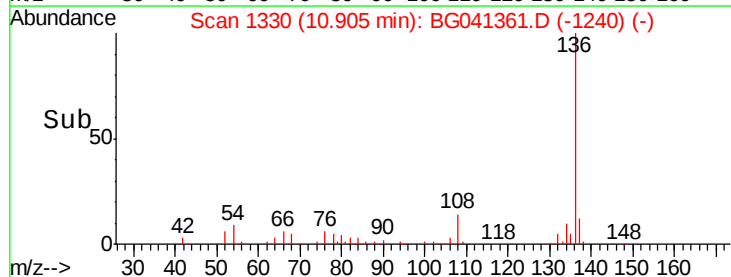
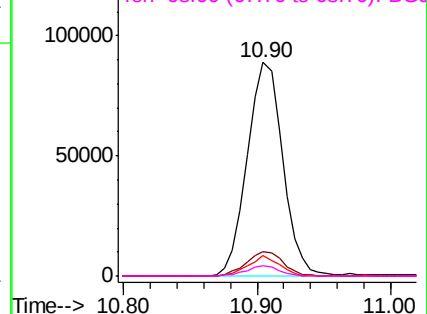
137 11.7 8.8 13.2

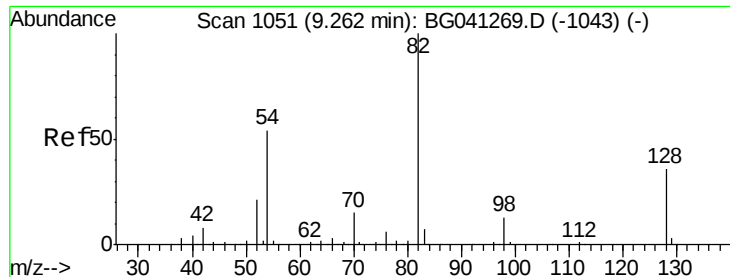
54 9.4 6.4 9.6

68 4.8 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: 32.973 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG041361.D

Acq: 20 Jun 2019 17:44

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-C

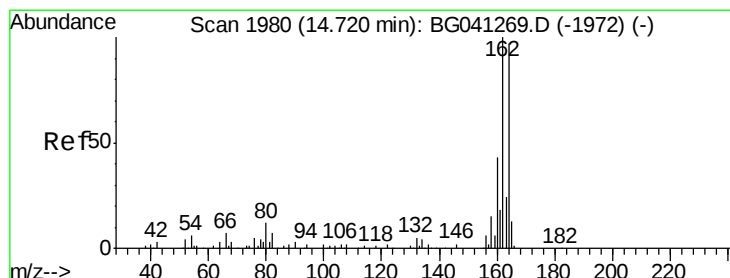
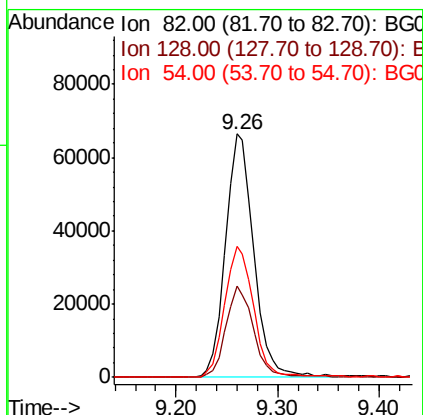
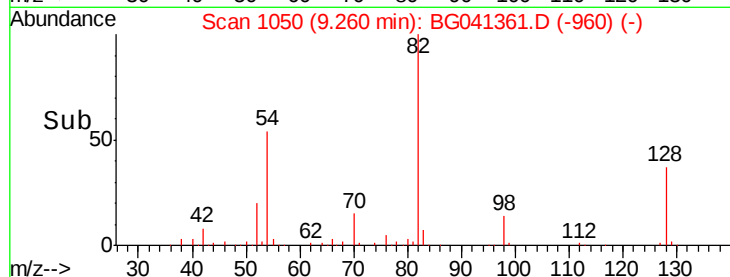
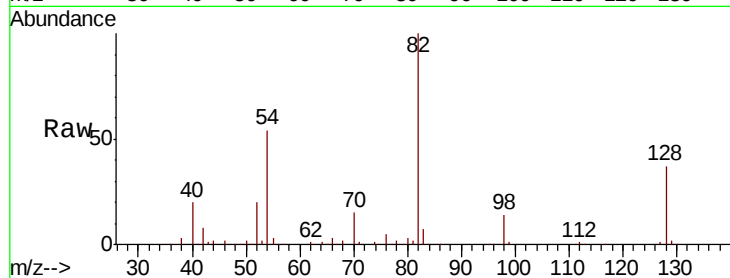
Tgt Ion: 82 Resp: 128484

Ion Ratio Lower Upper

82 100

128 37.3 29.2 43.8

54 53.9 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041361.D

Acq: 20 Jun 2019 17:44

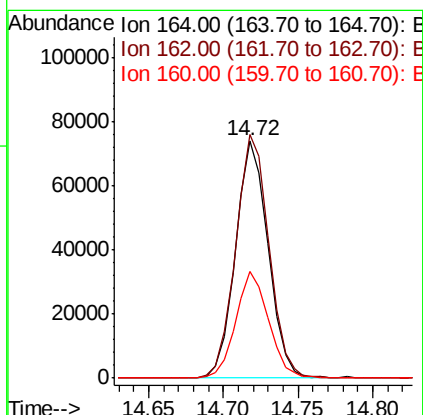
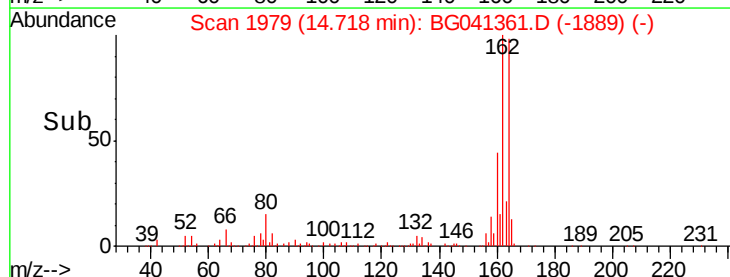
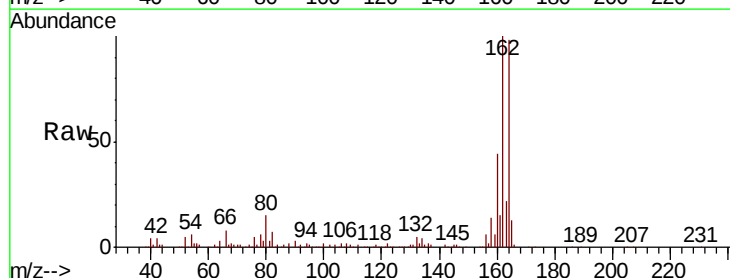
Tgt Ion: 164 Resp: 111941

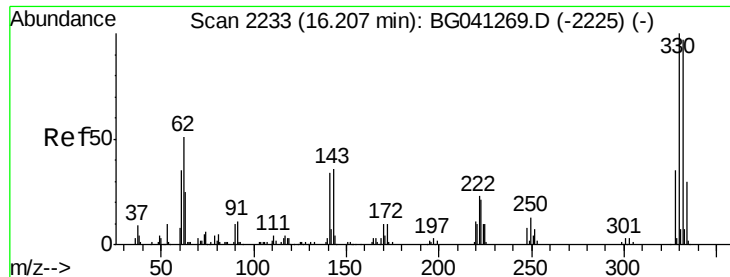
Ion Ratio Lower Upper

164 100

162 102.4 82.8 124.2

160 44.8 35.8 53.8

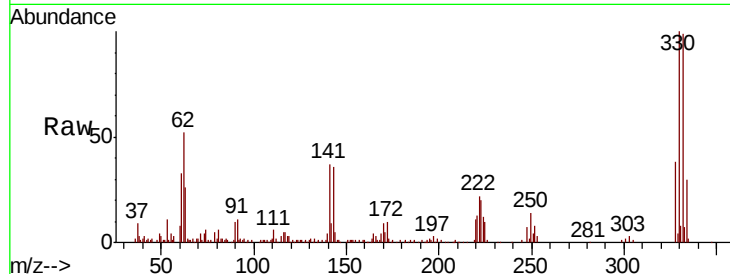




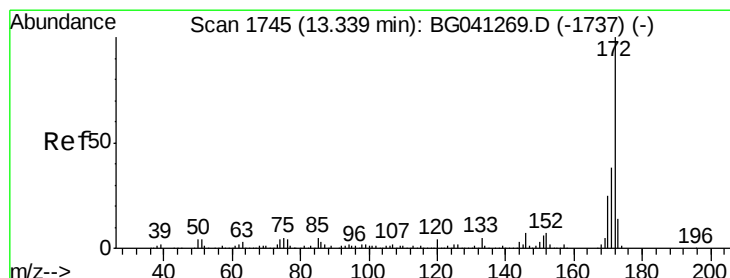
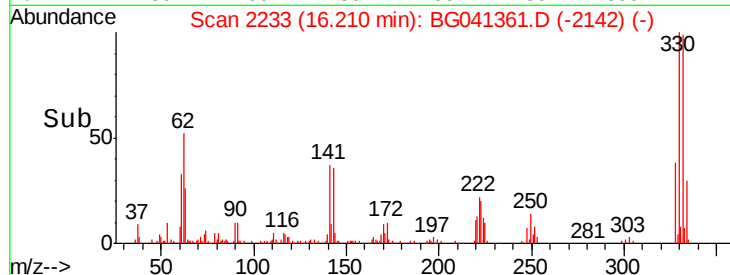
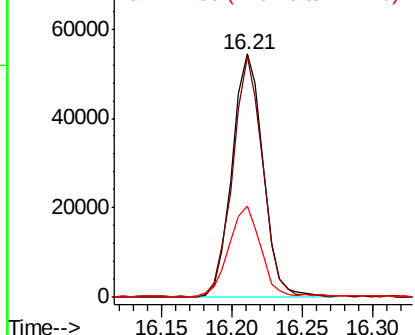
#42
 2,4,6-Tribromophenol
 Concen: 48.570 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041361.D
 Acq: 20 Jun 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-C

Tgt Ion:330 Resp: 83469
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.5 113.3
 141 38.2 29.0 43.4

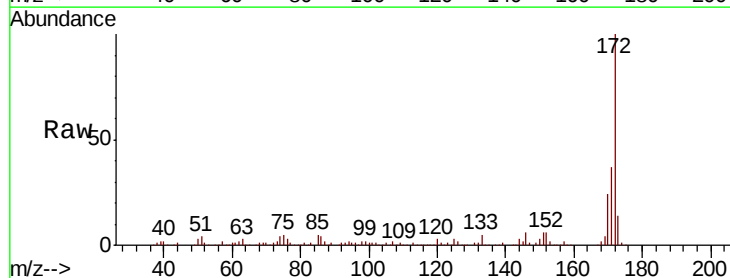


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

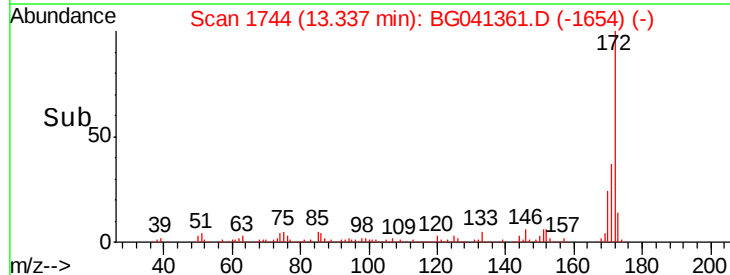
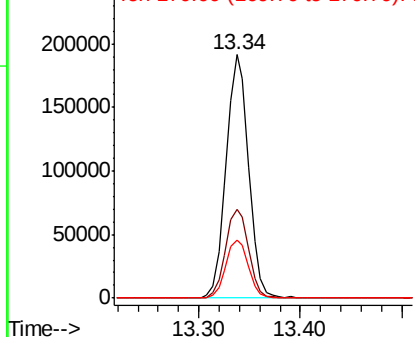


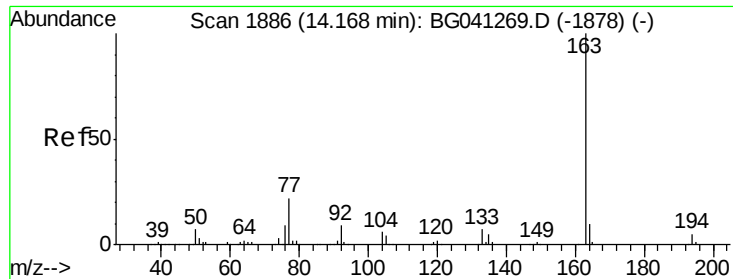
#45
 2-Fluorobiphenyl
 Concen: 35.780 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041361.D
 Acq: 20 Jun 2019 17:44

Tgt Ion:172 Resp: 294683
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 23.9 19.8 29.6



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: 3.319 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041361.D

Acq: 20 Jun 2019 17:44

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-C

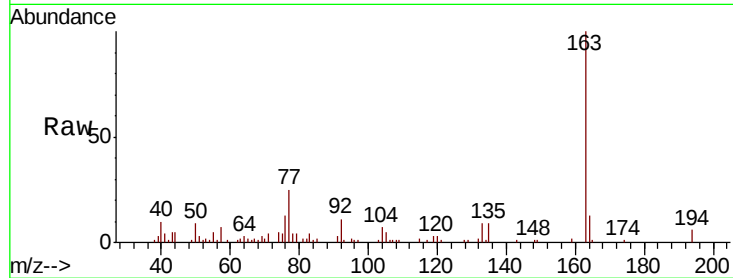
Tgt Ion:163 Resp: 33059

Ion Ratio Lower Upper

163 100

194 6.0 3.9 5.9#

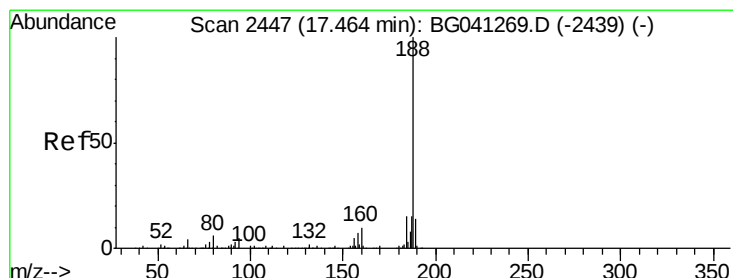
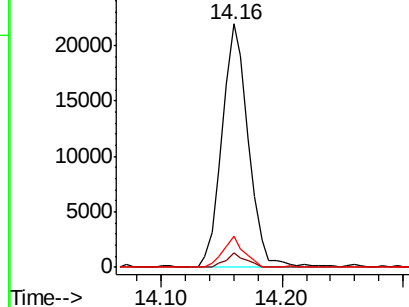
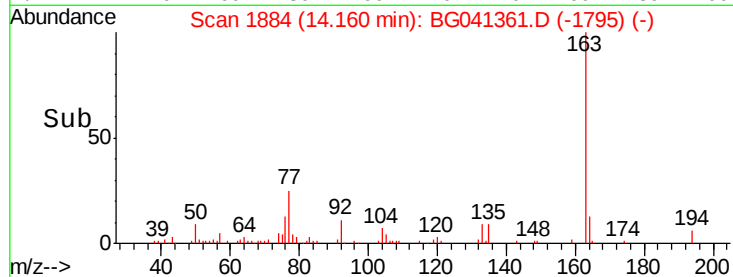
164 12.9 8.3 12.5#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041361.D

Acq: 20 Jun 2019 17:44

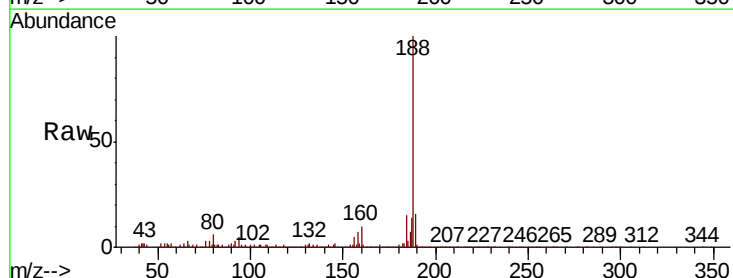
Tgt Ion:188 Resp: 249964

Ion Ratio Lower Upper

188 100

94 4.9 3.6 5.4

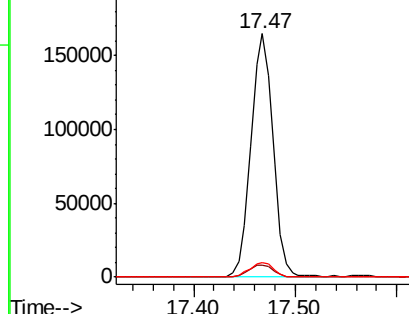
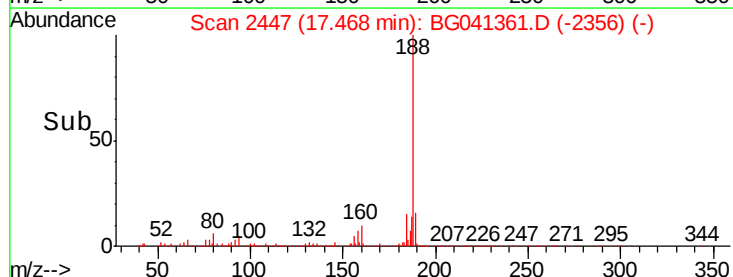
80 6.1 4.8 7.2

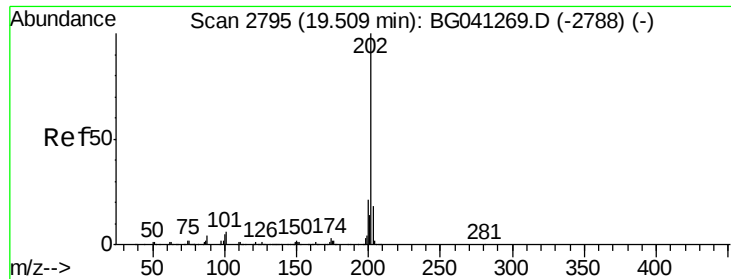


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 2.176 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG041361.D

Acq: 20 Jun 2019 17:44

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-C

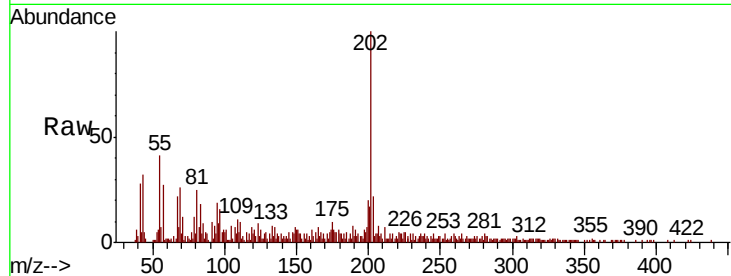
Tgt Ion:202 Resp: 38535

Ion Ratio Lower Upper

202 100

101 5.6 0.0 26.0

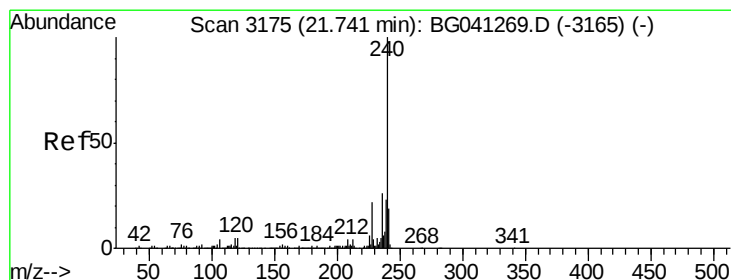
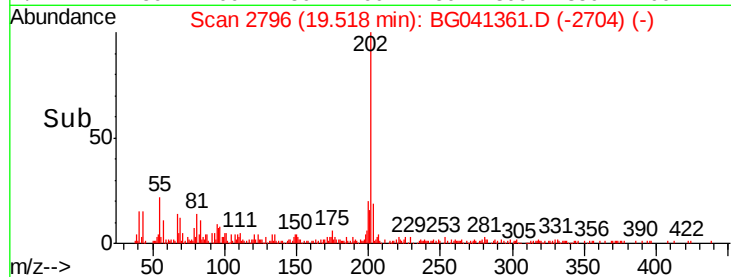
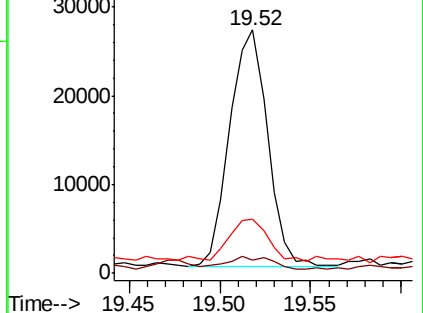
203 22.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041361.D

Acq: 20 Jun 2019 17:44

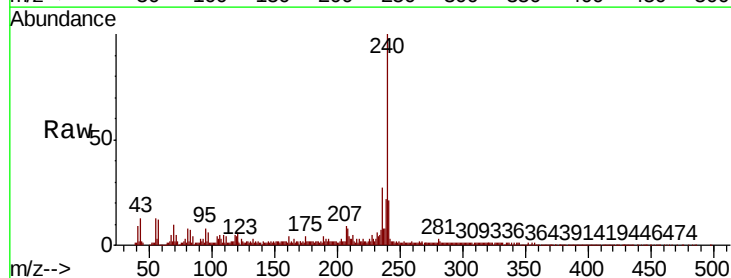
Tgt Ion:240 Resp: 248901

Ion Ratio Lower Upper

240 100

120 5.9 3.7 5.5#

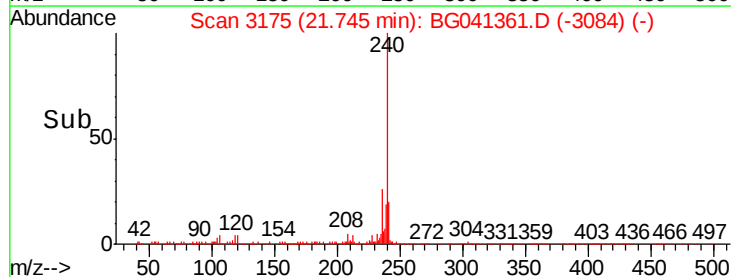
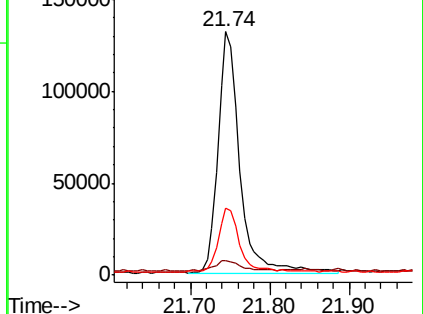
236 27.4 21.1 31.7

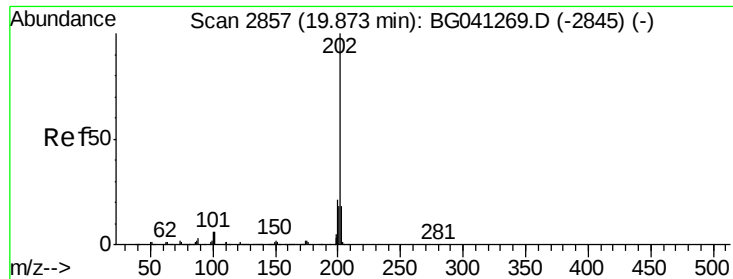


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

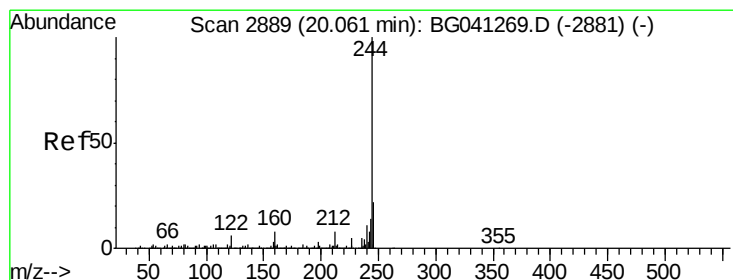
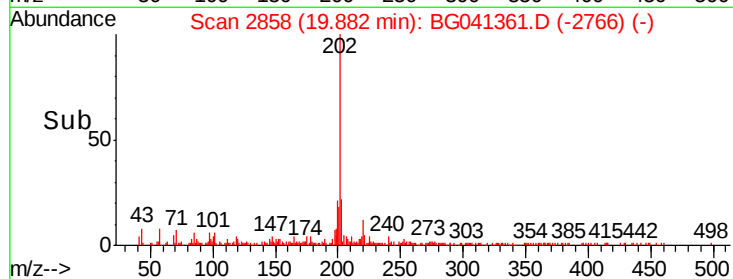
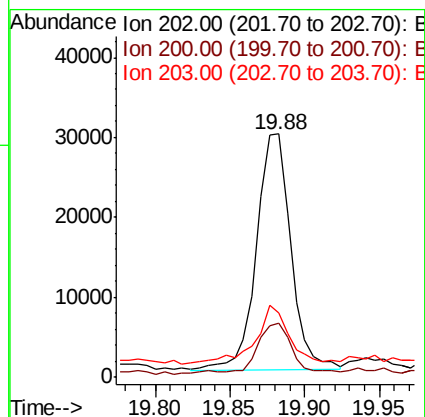
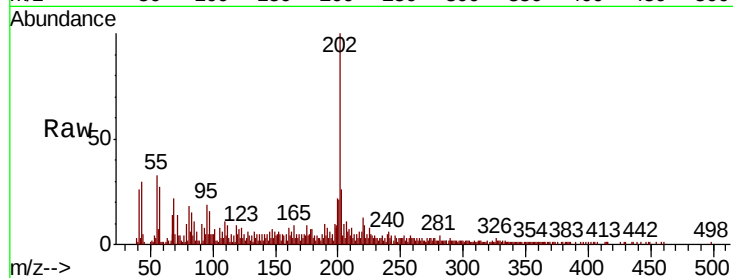




#78
 Pyrene
 Concen: 2.801 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. 0.01 min
 Lab File: BG041361.D
 Acq: 20 Jun 2019 17:44

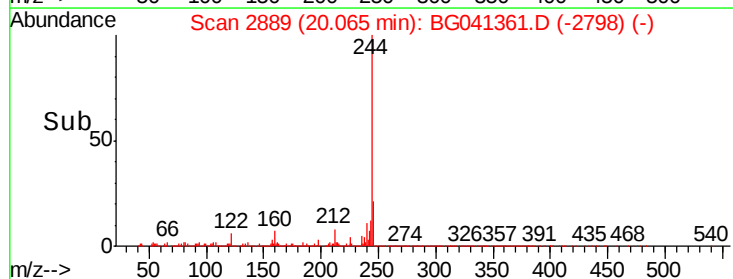
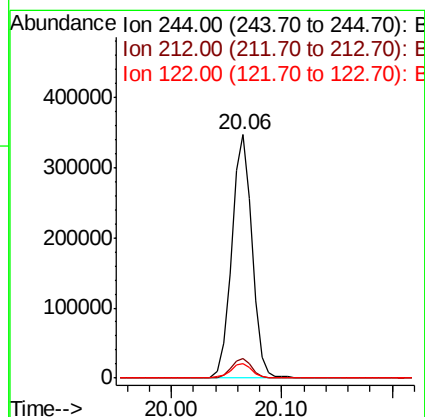
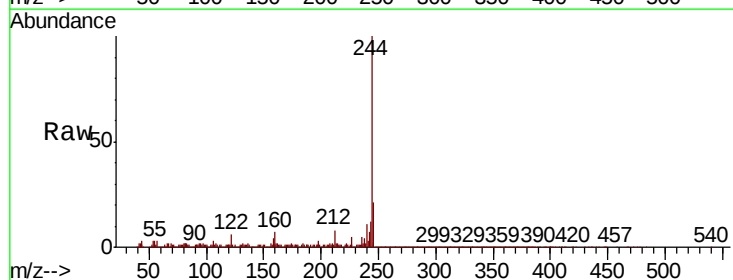
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-C

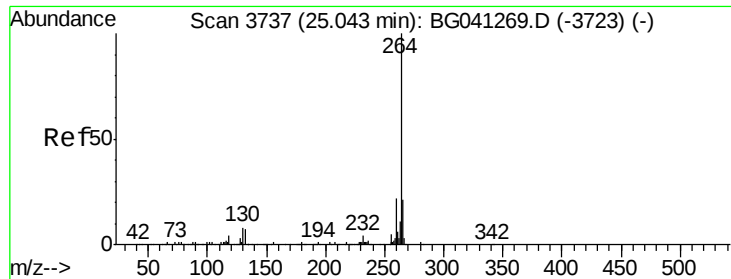
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.8	25.2
203	26.3	14.6	21.8#



#79
 Terphenyl-d14
 Concen: 35.296 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. 0.00 min
 Lab File: BG041361.D
 Acq: 20 Jun 2019 17:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	5.9	5.0	7.4



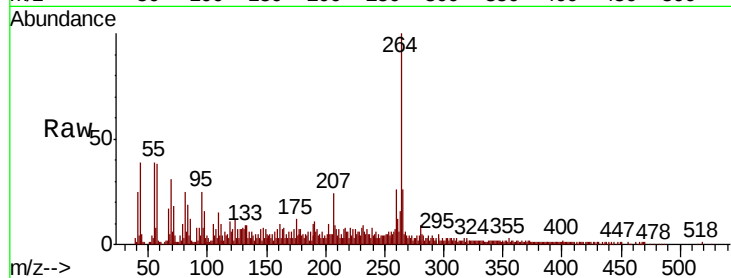


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. 0.04 min
Lab File: BG041361.D
Acq: 20 Jun 2019 17:44

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-C

Tgt Ion: 264 Resp: 145984

Ion	Ratio	Lower	Upper
264	100		
260	26.1	17.4	26.2
265	26.4	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

