

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041329.D
 Acq On : 19 Jun 2019 15:42
 Operator : HP/JU
 Sample : K3154-09 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-E

Quant Time: Jun 19 16:37:59 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

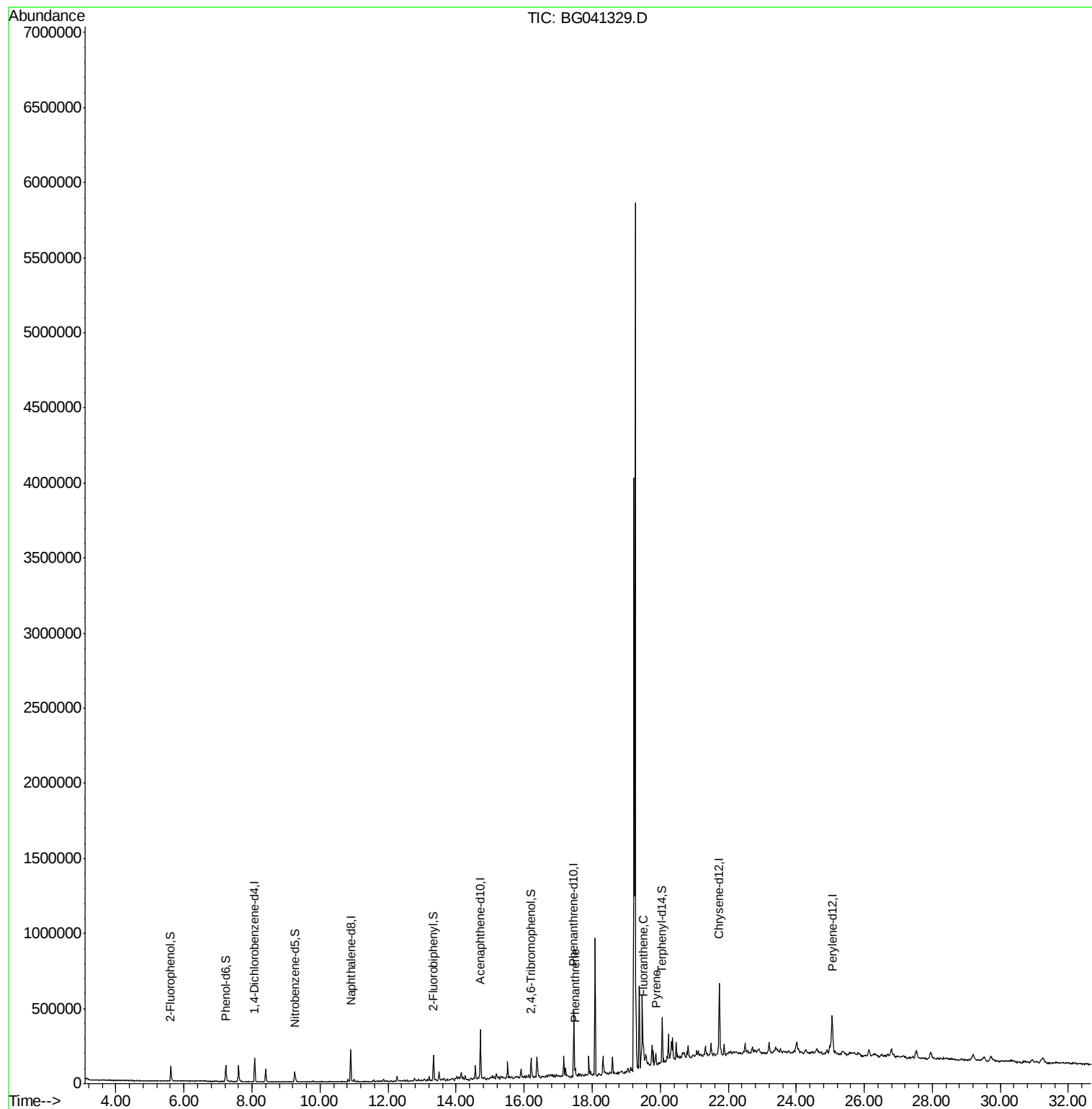
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43069	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172144	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116135	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	270924	20.00	ng	0.00
76) Chrysene-d12	21.74	240	280769	20.00	ng	0.00
87) Perylene-d12	25.06	264	305056	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	40723	17.37	ng	0.00
7) Phenol-d6	7.23	99	57788	17.01	ng	0.00
23) Nitrobenzene-d5	9.26	82	44698	10.92	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	25439	14.27	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	89635	10.49	ng	0.00
79) Terphenyl-d14	20.06	244	148455	10.48	ng	0.00
Target Compounds						
71) Phenanthrene	17.50	178	32293	2.235	ng	94
75) Fluoranthene	19.51	202	53365	2.780	ng	99
78) Pyrene	19.87	202	52514	2.773	ng	96

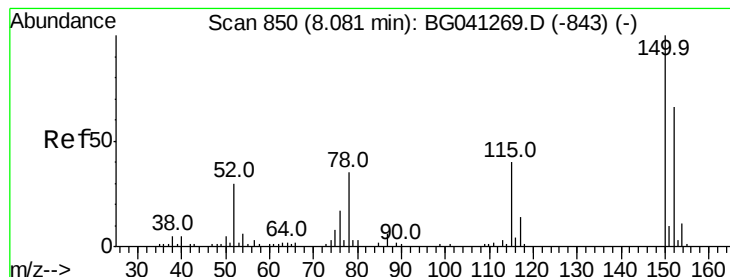
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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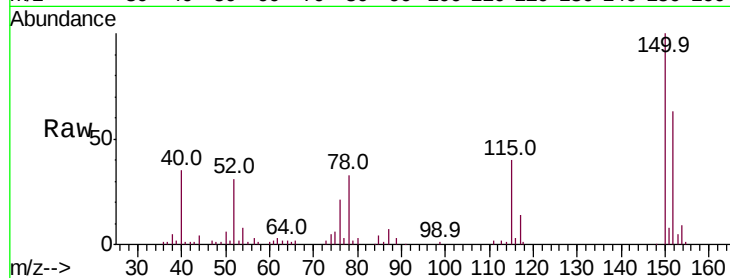


#1

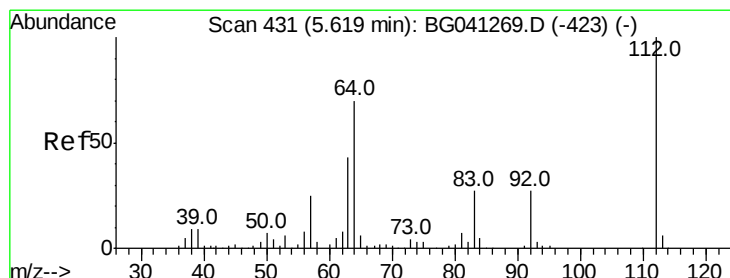
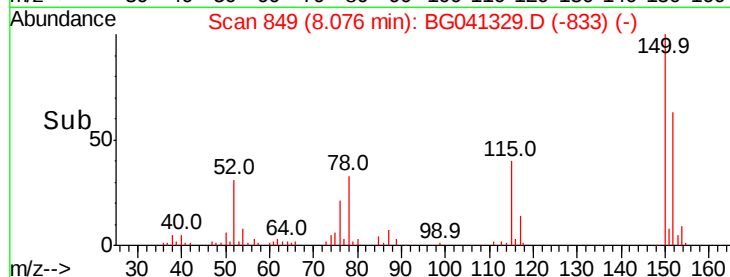
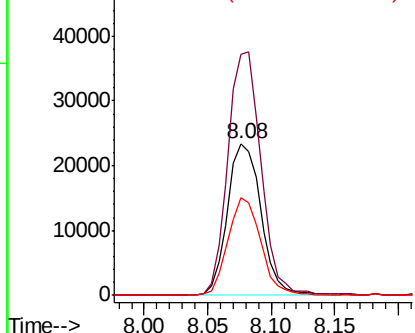
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-E

Tot Ion:152 Resp: 43069
Ion Ratio Lower Upper
152 100
150 158.5 120.6 181.0
115 63.9 47.9 71.9



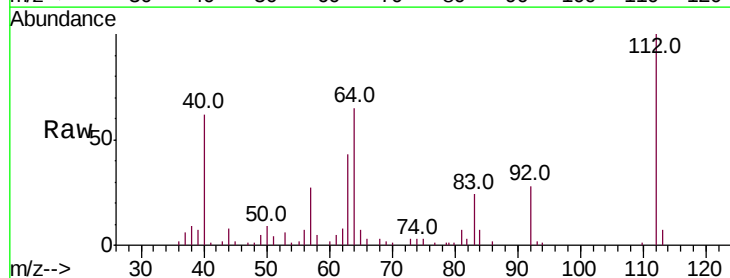
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



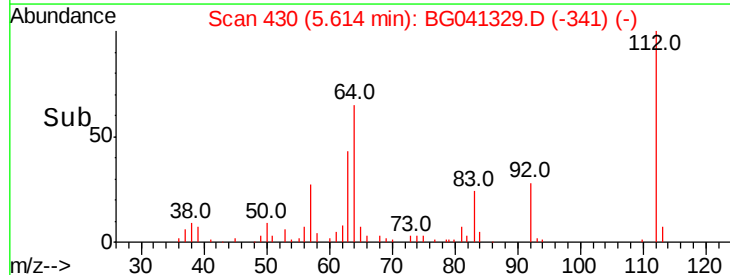
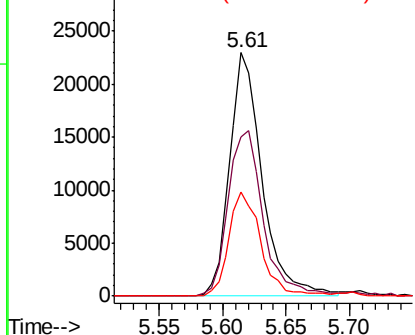
#5

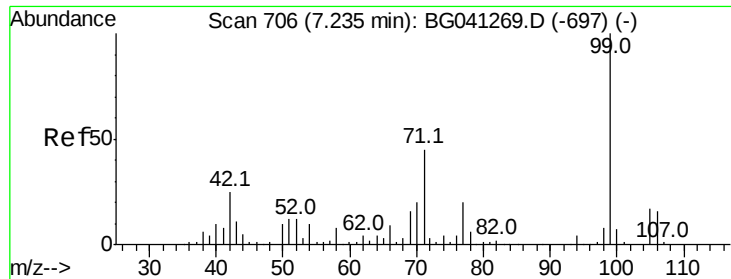
2-Fluorophenol
Concen: 17.373 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:112 Resp: 40723
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 42.8 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: 17.008 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-E

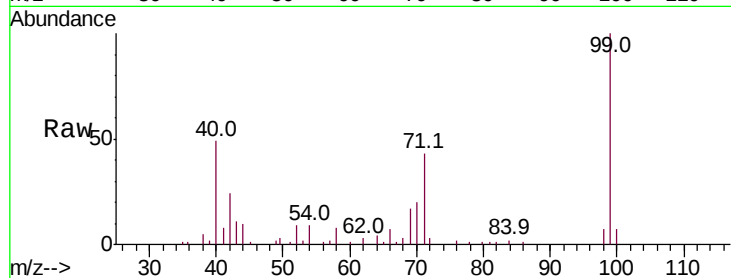
Tot Ion: 99 Resp: 57788

Ion Ratio Lower Upper

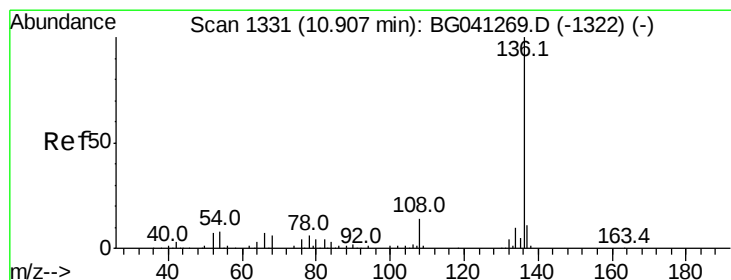
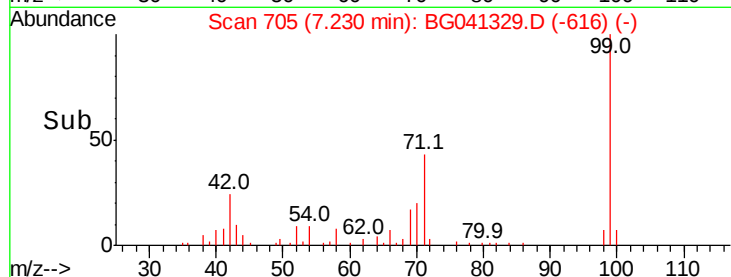
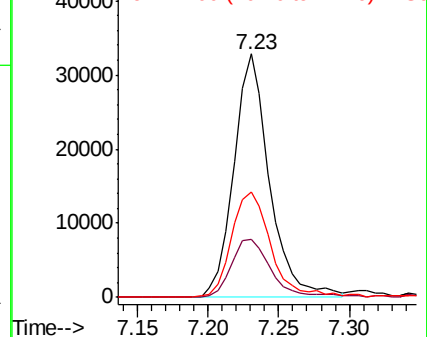
99 100

42 23.6 19.9 29.9

71 43.3 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: BG041329.D

Acq: 19 Jun 2019 15:42

Tgt Ion: 136 Resp: 172144

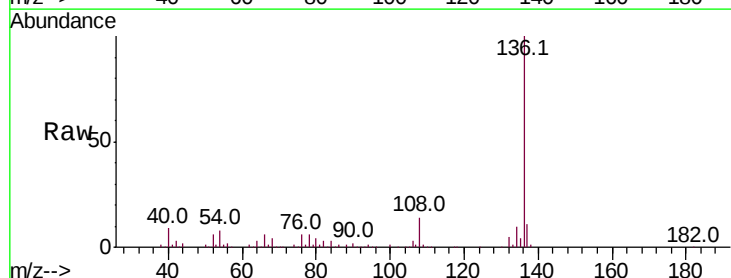
Ion Ratio Lower Upper

136 100

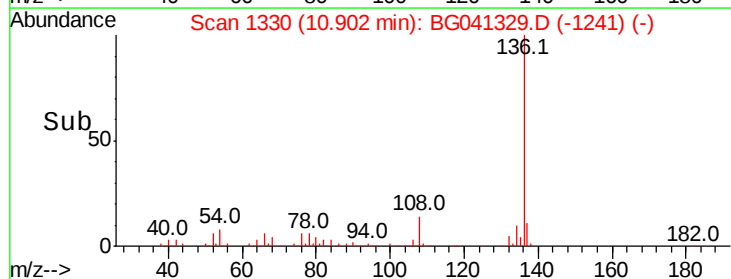
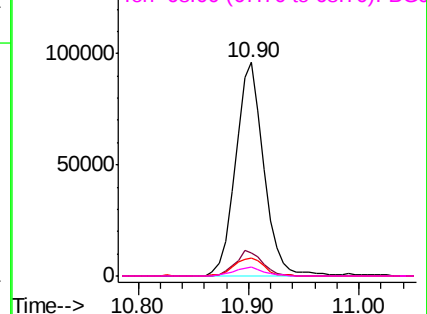
137 10.8 8.8 13.2

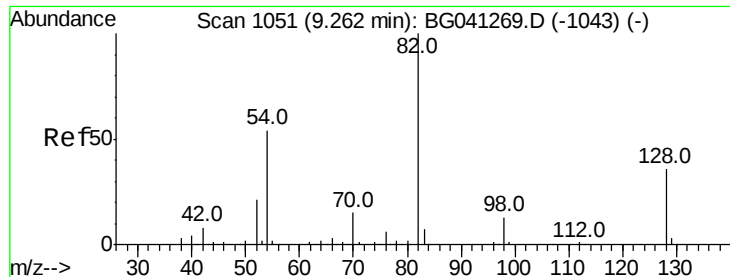
54 8.3 6.4 9.6

68 4.3 4.8 7.2#



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): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 10.920 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-E

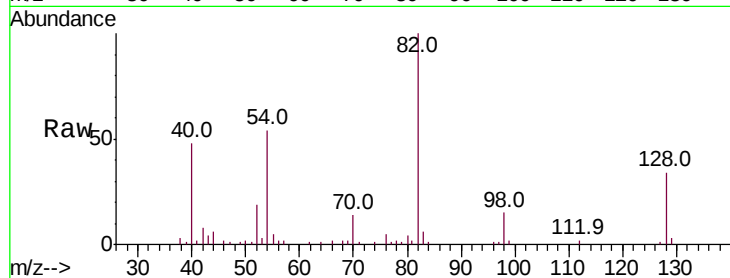
Tot Ion: 82 Resp: 44698

Ion Ratio Lower Upper

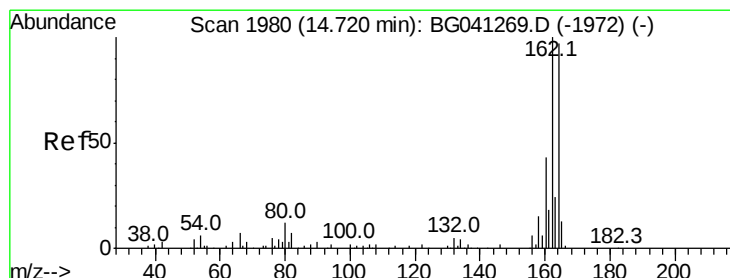
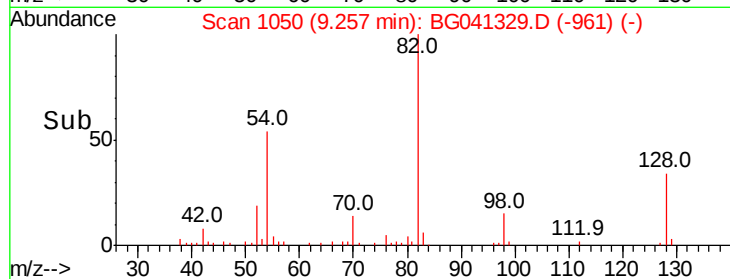
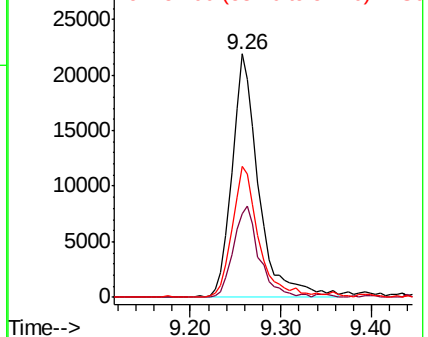
82 100

128 34.1 29.2 43.8

54 54.0 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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

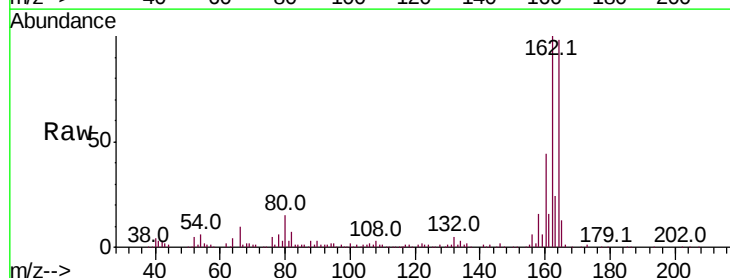
Tgt Ion: 164 Resp: 116135

Ion Ratio Lower Upper

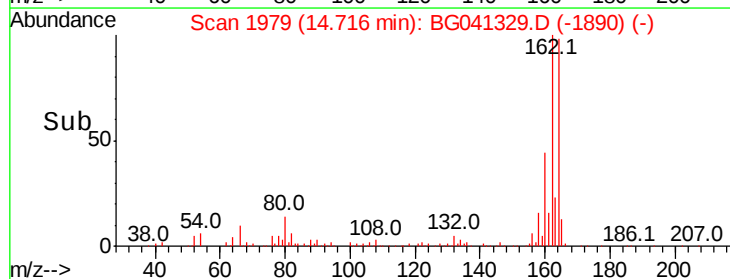
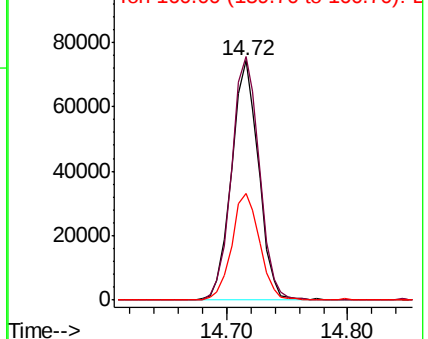
164 100

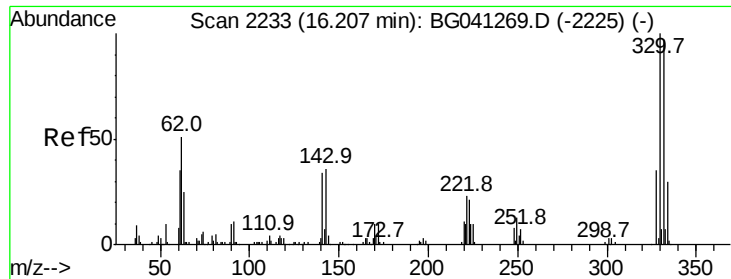
162 101.8 82.8 124.2

160 44.8 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

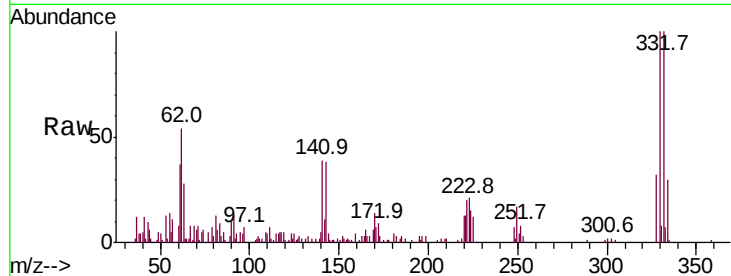




#42
 2,4,6-Tribromophenol
 Concen: 14.268 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG041329.D
 Acq: 19 Jun 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.9	75.5	113.3
141	39.6	29.0	43.4

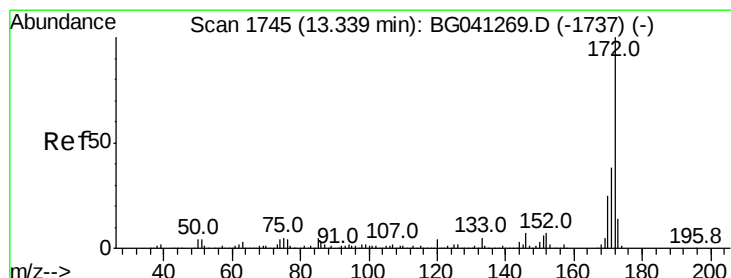
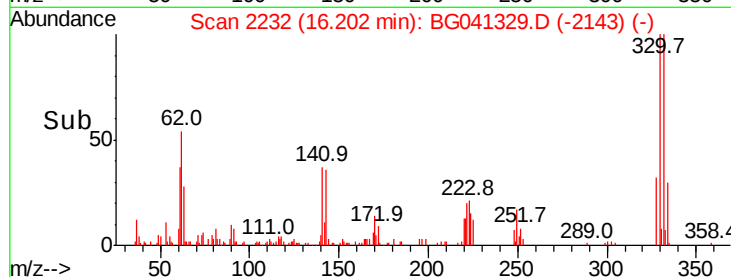
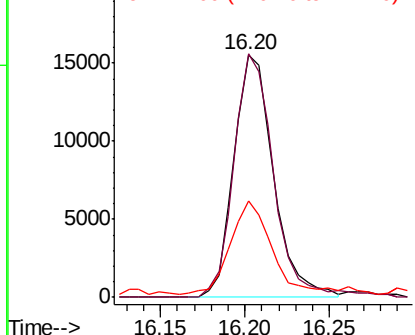


Abundance

Ion 329.80 (329.50 to 330.50): E

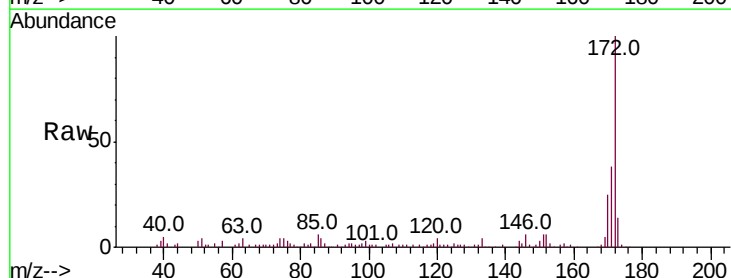
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 10.490 ng
 RT: 13.33 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041329.D
 Acq: 19 Jun 2019 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.8	19.8	29.6

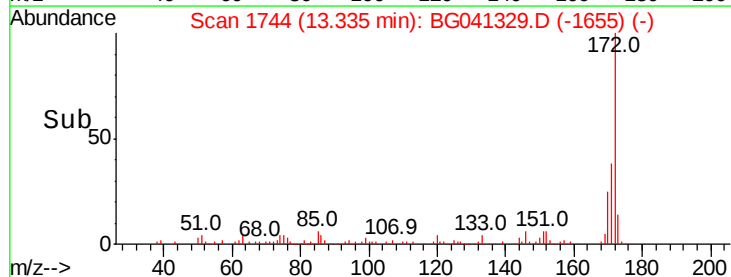
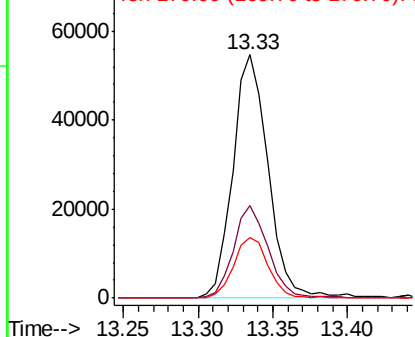


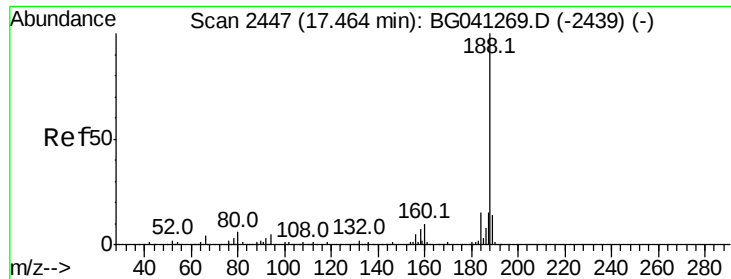
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-E

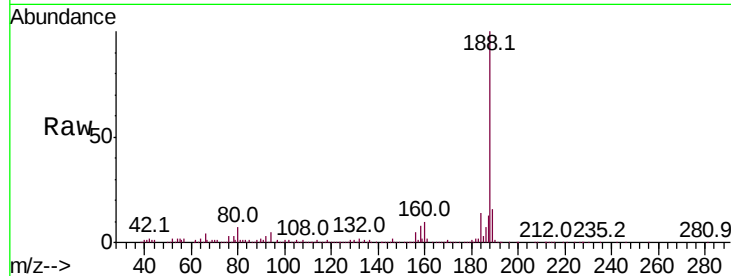
Tot Ion:188 Resp: 270924

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

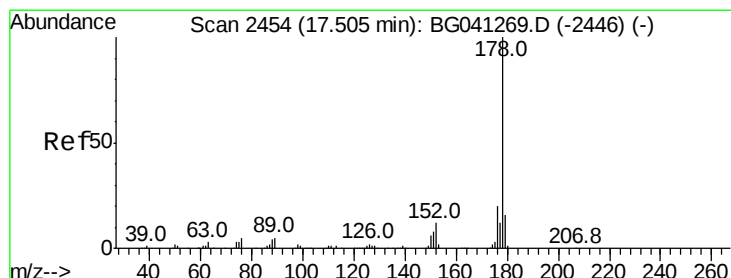
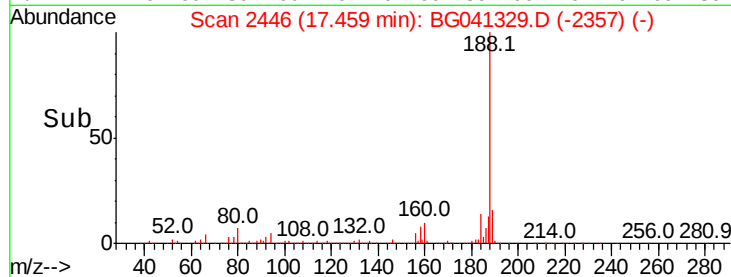
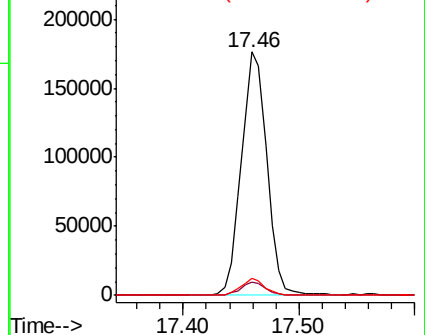
80 7.0 4.8 7.2



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



#71

Phenanthrene

Concen: 2.235 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

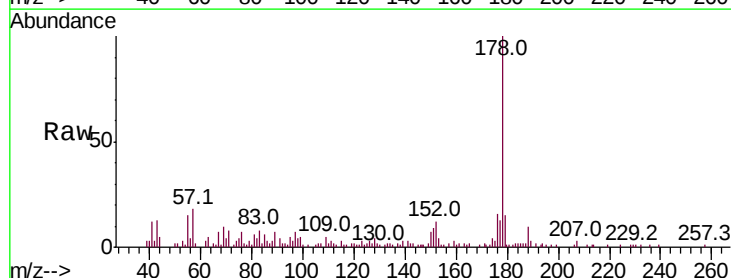
Tgt Ion:178 Resp: 32293

Ion Ratio Lower Upper

178 100

176 16.4 16.1 24.1

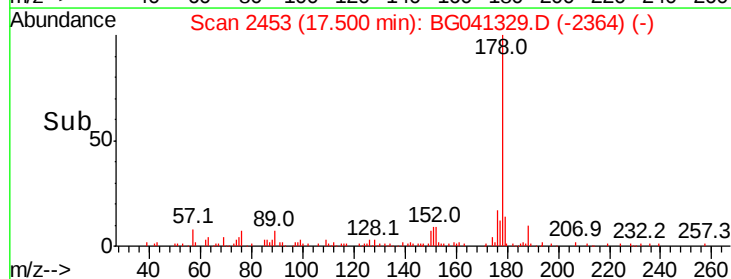
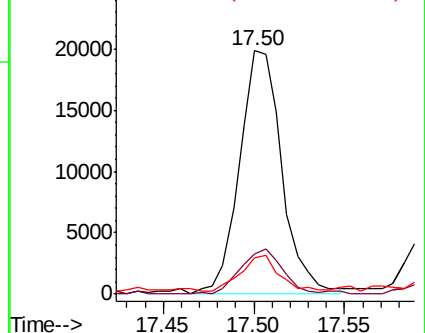
179 15.0 12.9 19.3

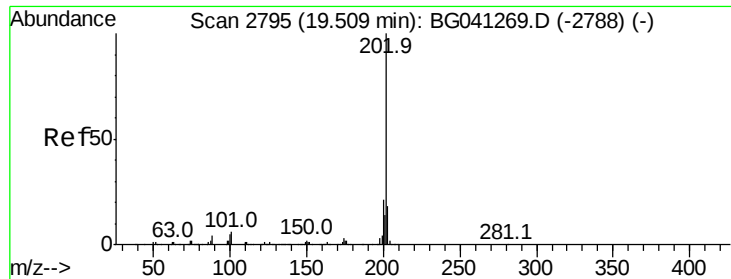


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.780 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-E

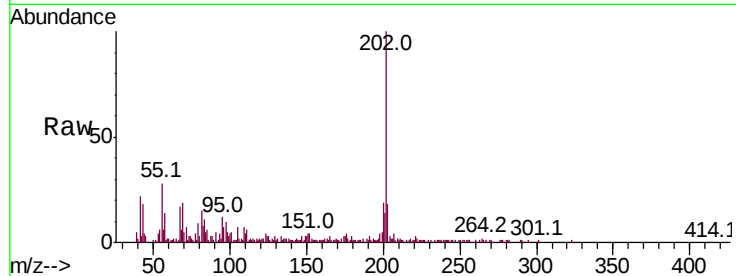
Tot Ion:202 Resp: 53365

Ion Ratio Lower Upper

202 100

101 5.5 0.0 26.0

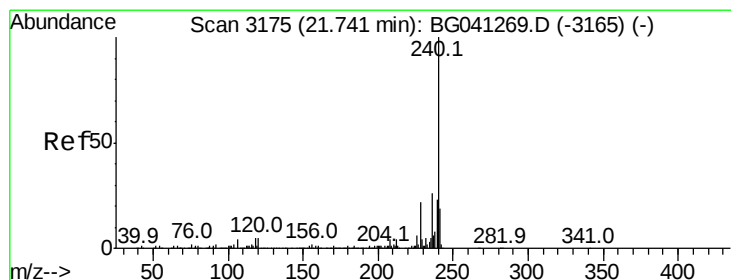
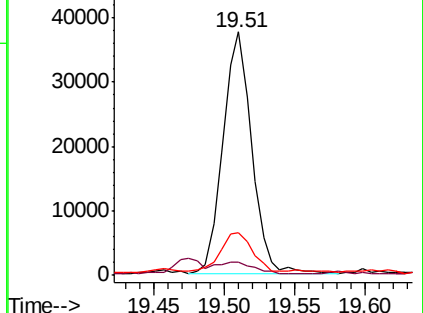
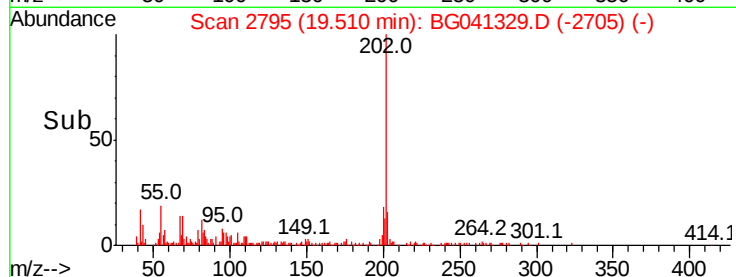
203 17.6 0.0 37.7



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# 3174

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

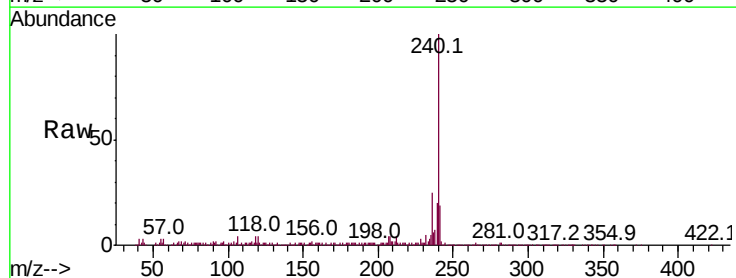
Tgt Ion:240 Resp: 280769

Ion Ratio Lower Upper

240 100

120 4.0 3.7 5.5

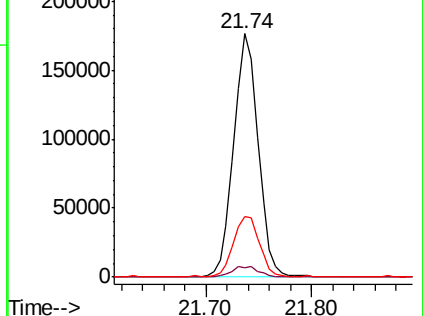
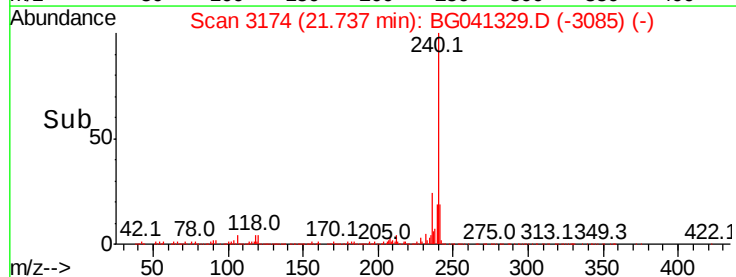
236 24.9 21.1 31.7

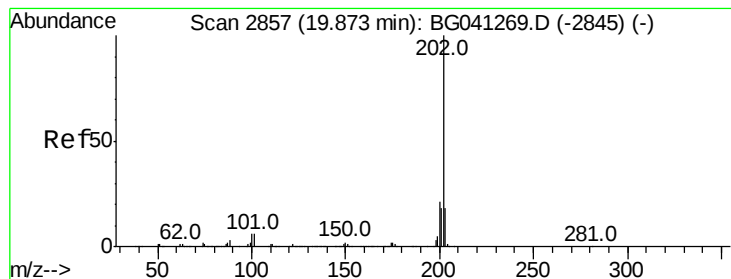


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.773 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-E

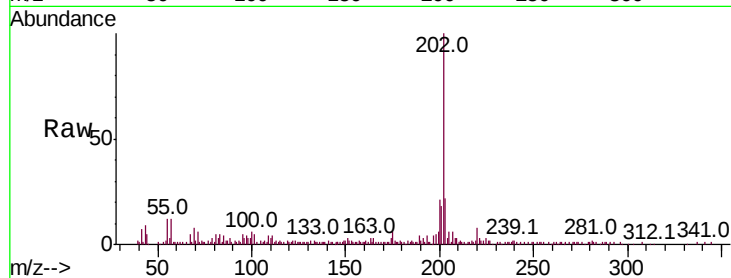
Tot Ion:202 Resp: 52514

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

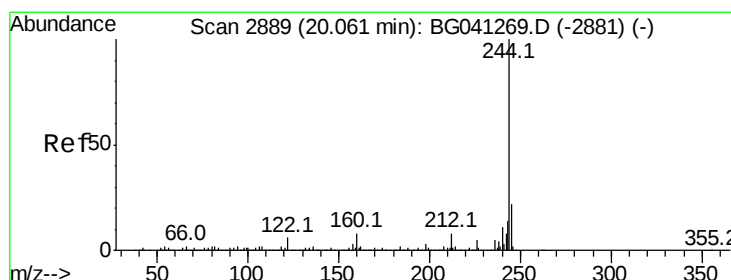
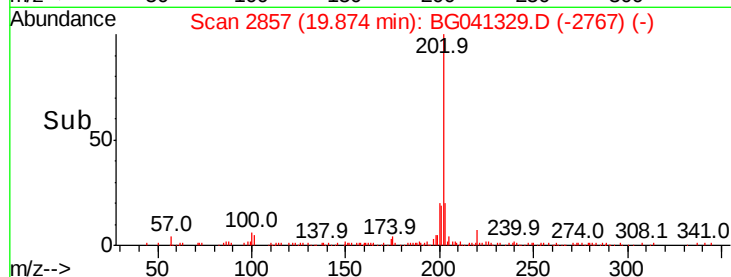
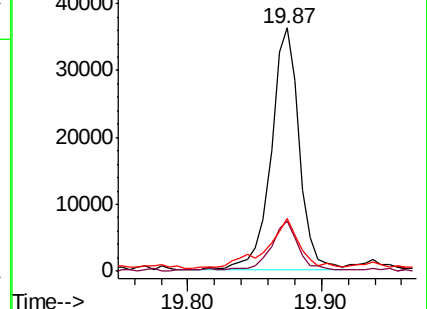
203 21.7 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 10.479 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041329.D

Acq: 19 Jun 2019 15:42

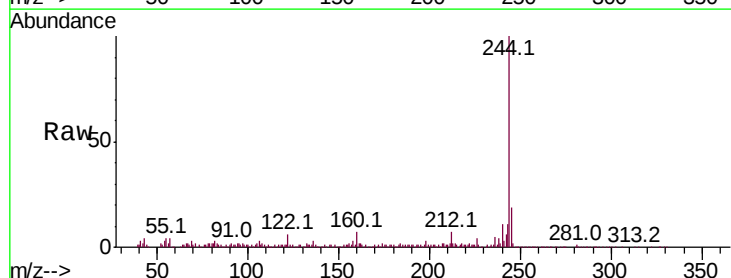
Tgt Ion:244 Resp: 148455

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

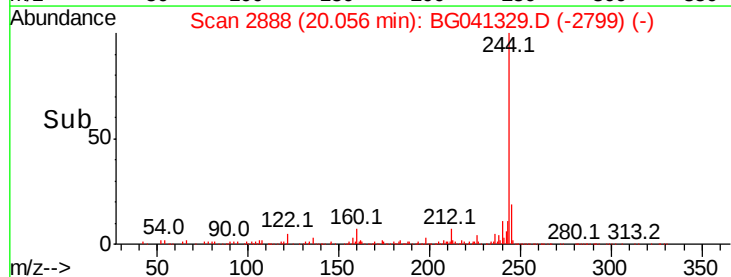
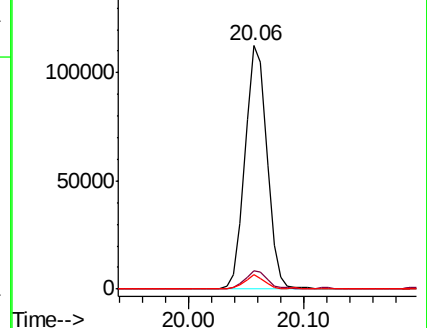
122 5.7 5.0 7.4

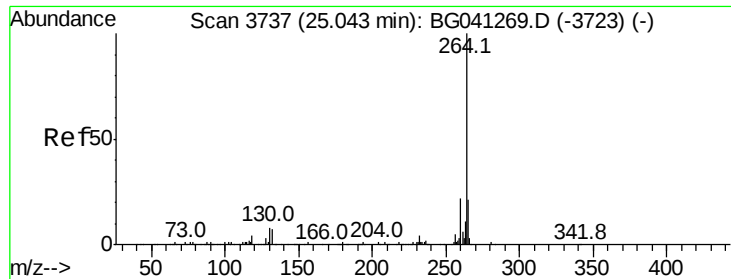


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

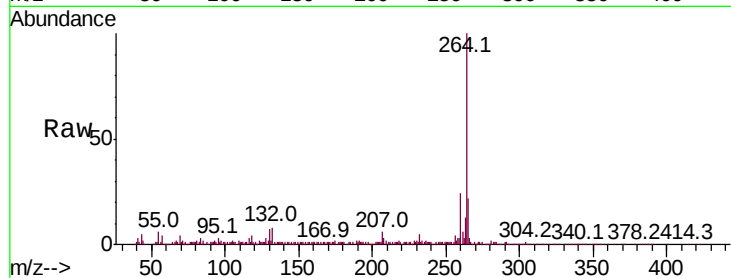




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3739
 Delta R.T. 0.01 min
 Lab File: BG041329.D
 Acq: 19 Jun 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-E

Tot Ion:	264	Resp:	305056
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	22.4	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

