

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041365.D
 Acq On : 20 Jun 2019 20:16
 Operator : HP/JU
 Sample : K3455-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-GIS

Quant Time: Jun 21 04:07:27 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

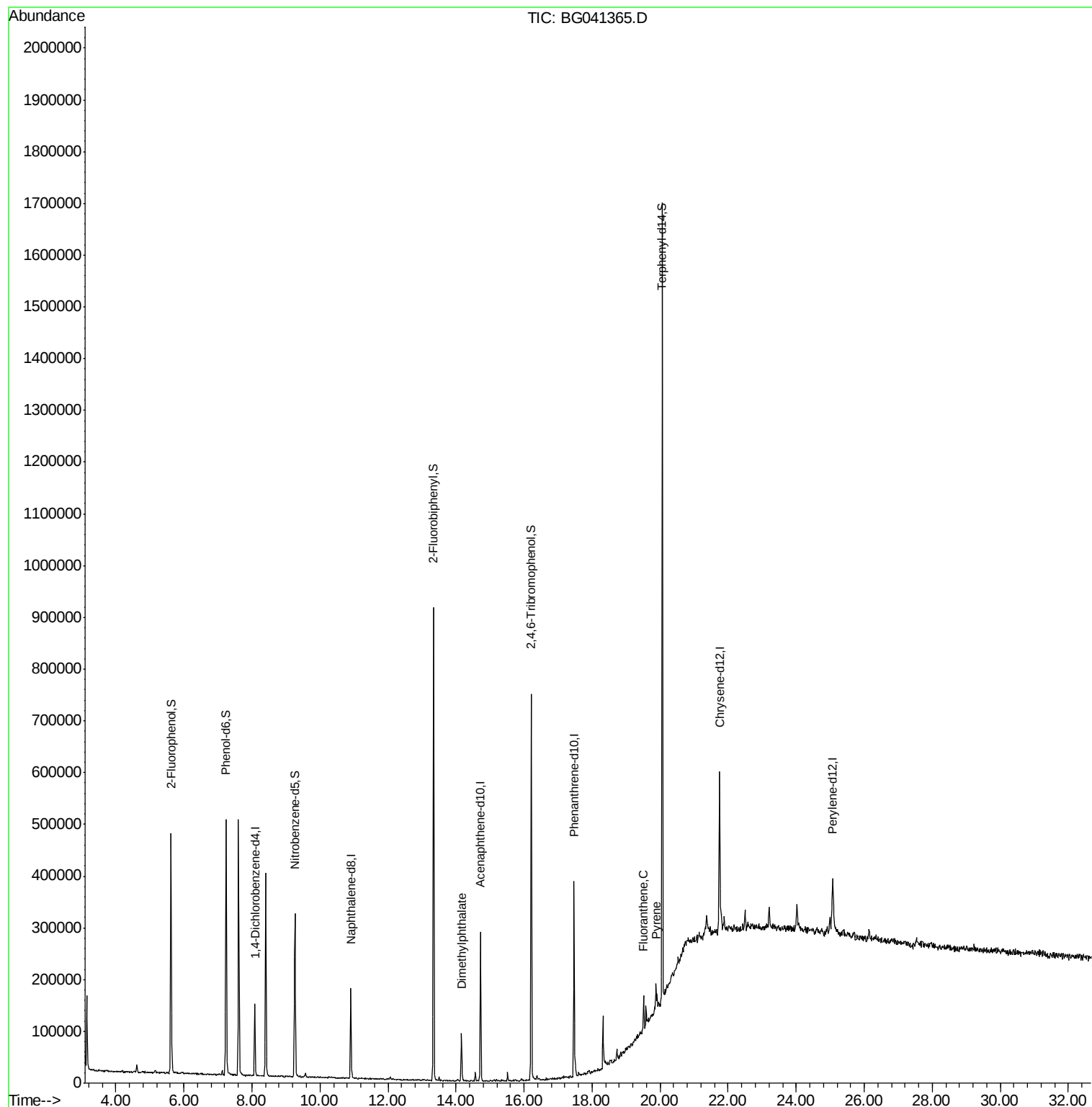
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37628	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	145522	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	101234	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	236190	20.00	ng	0.00
76) Chrysene-d12	21.74	240	217204	20.00	ng	0.00
87) Perylene-d12	25.07	264	154400	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	183241	89.48	ng	0.00
7) Phenol-d6	7.24	99	273901	92.27	ng	0.00
23) Nitrobenzene-d5	9.26	82	199679	57.71	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	135292	87.05	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	464838	62.41	ng	0.00
79) Terphenyl-d14	20.06	244	706636	64.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	60880	6.759	ng	97
75) Fluoranthene	19.52	202	43081	2.574	ng	97
78) Pyrene	19.87	202	35014	2.390	ng	97

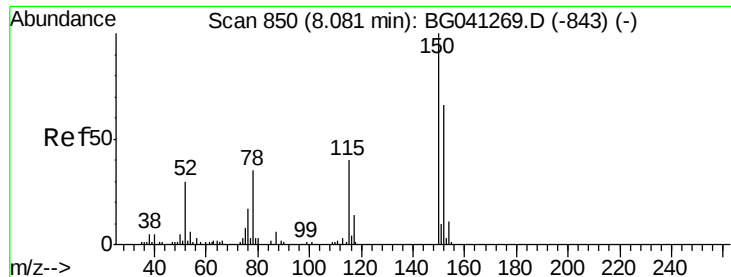
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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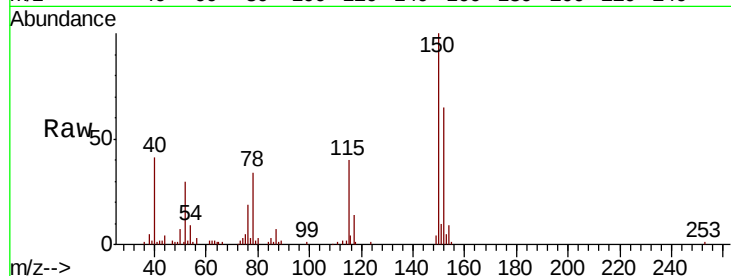


#1

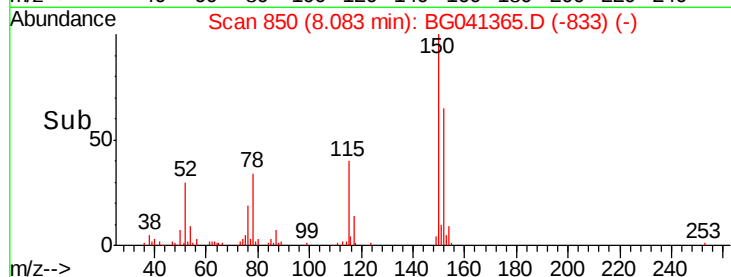
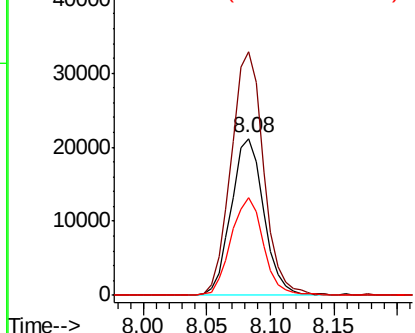
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampled :
TP-3-GIS

Tgt Ion:152 Resp: 37628
Ion Ratio Lower Upper
152 100
150 155.0 120.6 181.0
115 61.8 47.9 71.9



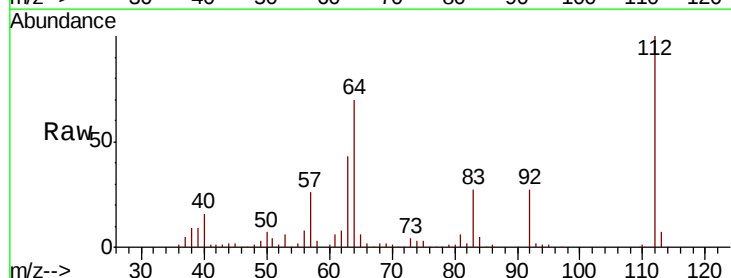
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



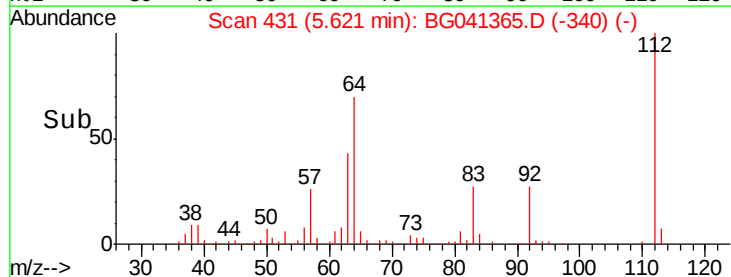
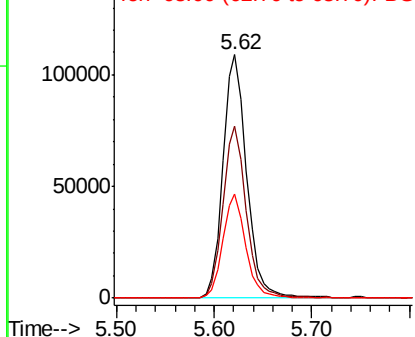
#5

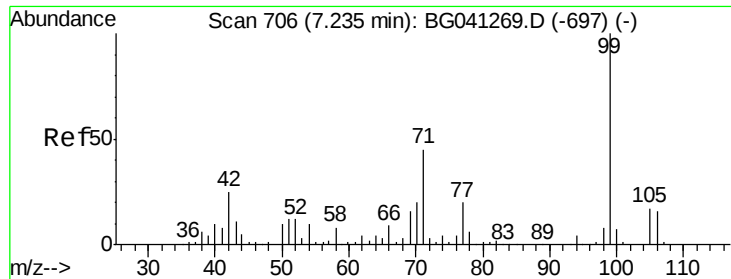
2-Fluorophenol
Concen: 89.479 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:112 Resp: 183241
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 42.6 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: 92.272 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041365.D

Acq: 20 Jun 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TP-3-GIS

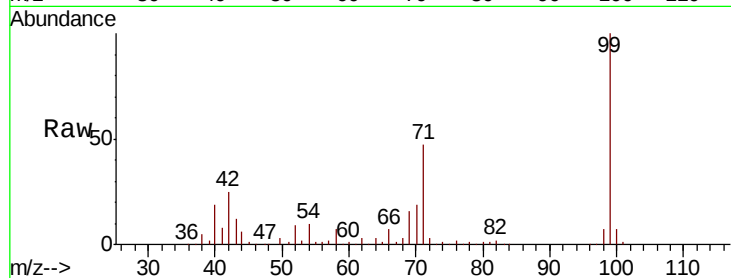
Tgt Ion: 99 Resp: 273901

Ion Ratio Lower Upper

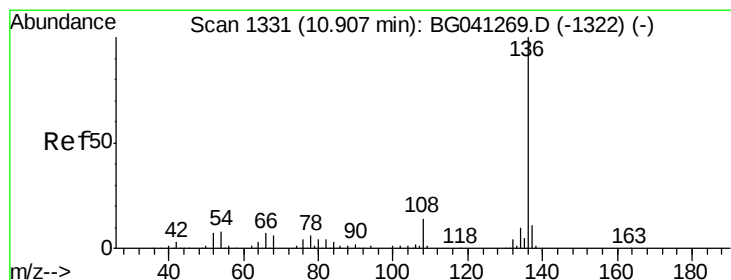
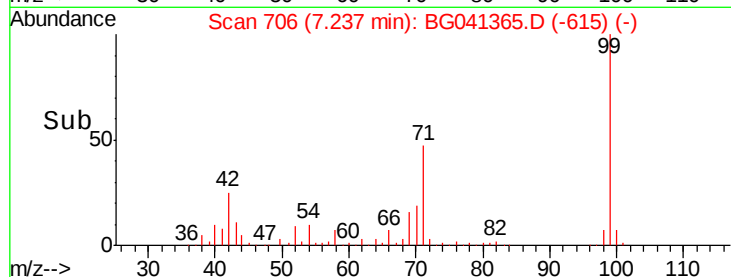
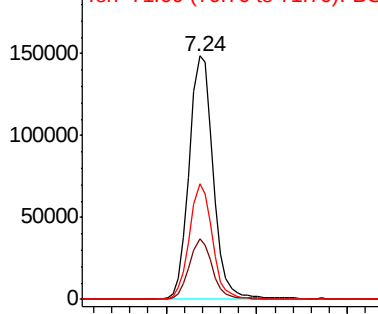
99 100

42 24.6 19.9 29.9

71 47.3 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: BG041365.D

Acq: 20 Jun 2019 20:16

Tgt Ion: 136 Resp: 145522

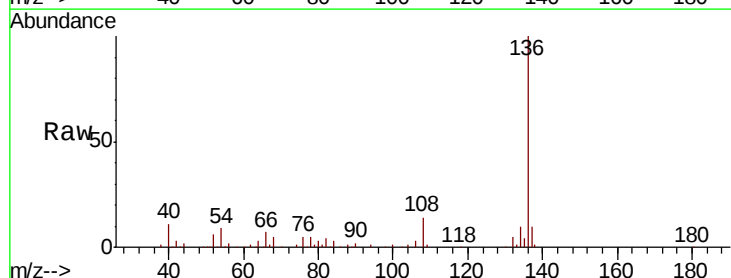
Ion Ratio Lower Upper

136 100

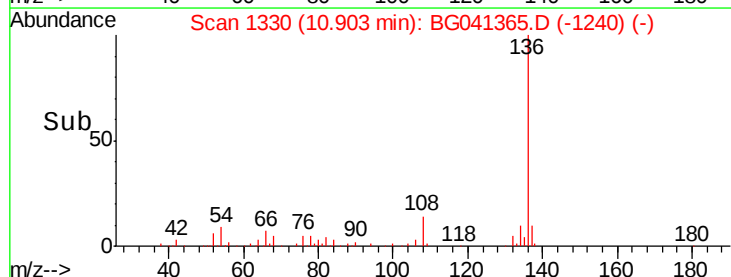
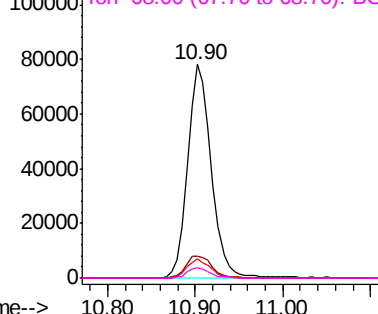
137 10.3 8.8 13.2

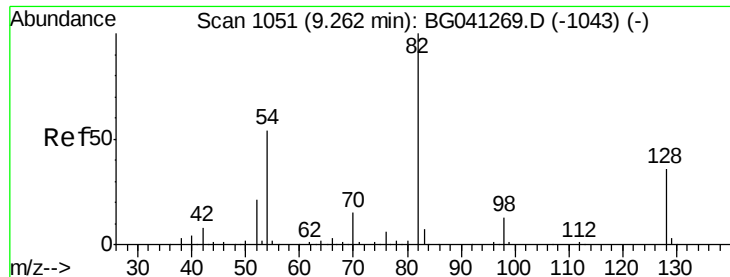
54 8.9 6.4 9.6

68 4.7 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

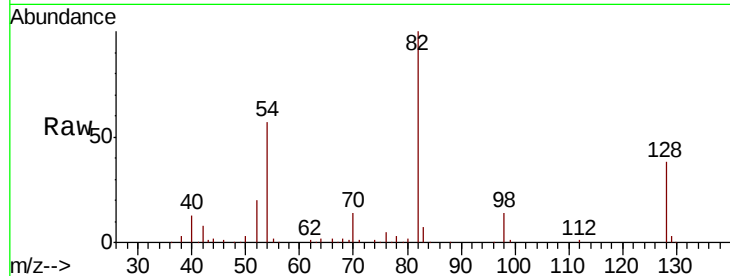




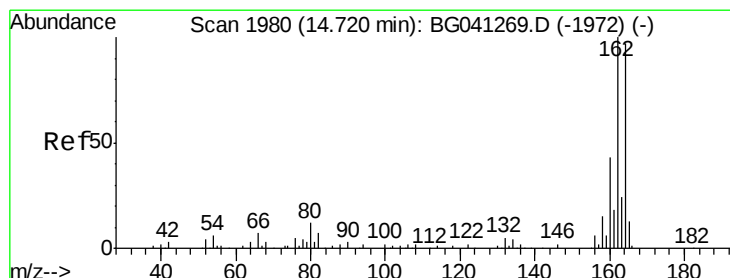
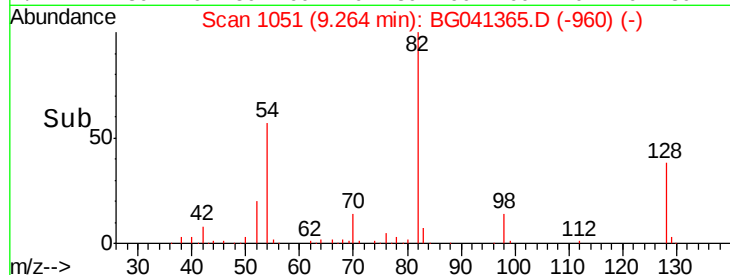
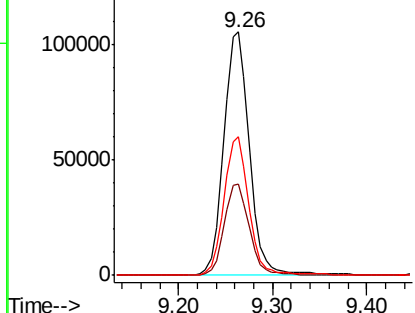
#23
 Nitrobenzene-d5
 Concen: 57.708 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041365.D
 Acq: 20 Jun 2019 20:16

Instrument :
 BNA_G
 ClientSampled :
 TP-3-GIS

Tgt Ion: 82 Resp: 199679
 Ion Ratio Lower Upper
 82 100
 128 37.7 29.2 43.8
 54 57.1 43.4 65.0

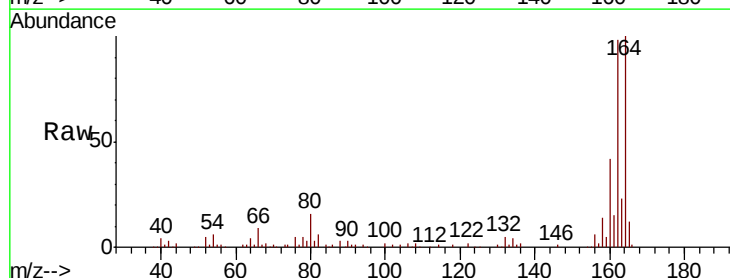


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

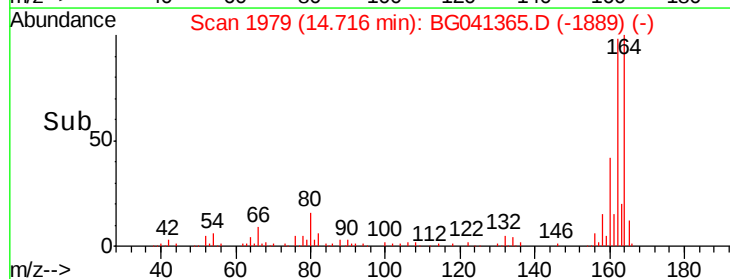
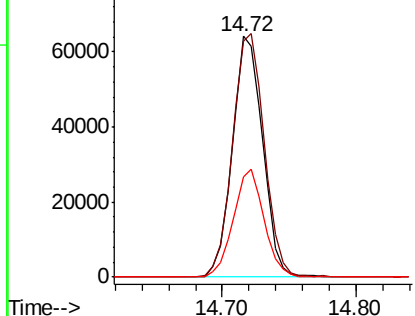


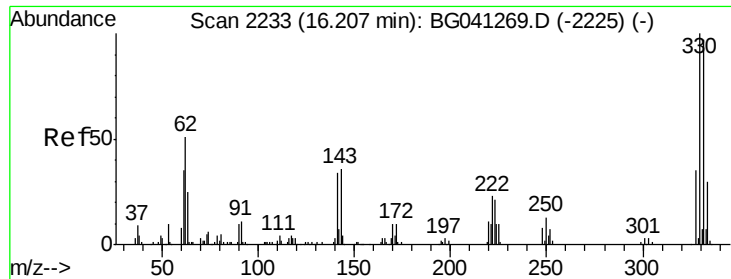
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG041365.D
 Acq: 20 Jun 2019 20:16

Tgt Ion: 164 Resp: 101234
 Ion Ratio Lower Upper
 164 100
 162 98.1 82.8 124.2
 160 41.7 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

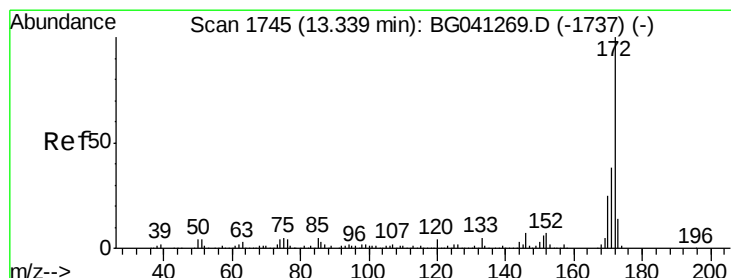
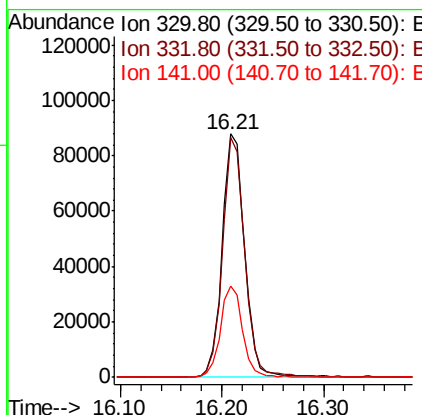
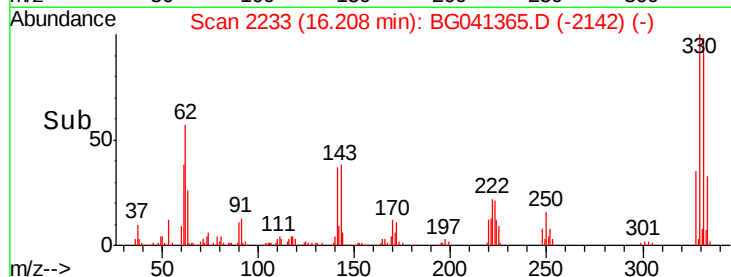
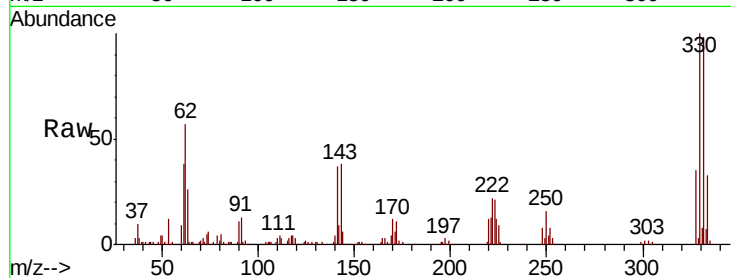




#42
 2,4,6-Tribromophenol
 Concen: 87.051 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041365.D
 Acq: 20 Jun 2019 20:16

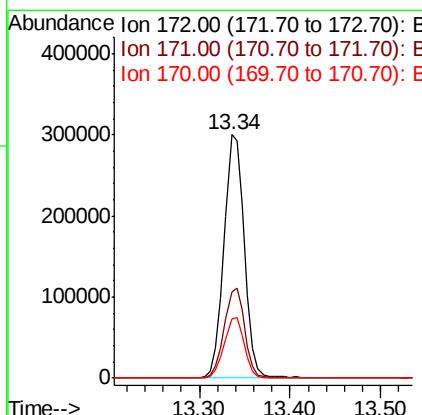
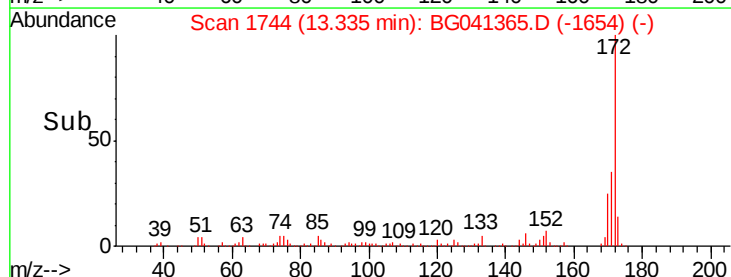
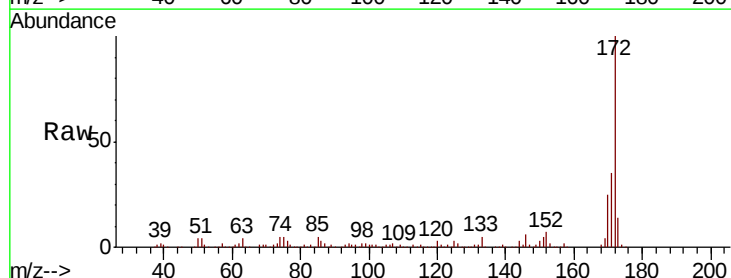
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-GIS

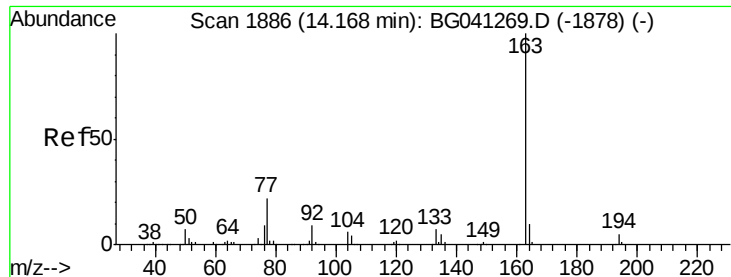
Tgt Ion:330 Resp: 135292
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.5 113.3
 141 36.9 29.0 43.4



#45
 2-Fluorobiphenyl
 Concen: 62.409 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041365.D
 Acq: 20 Jun 2019 20:16

Tgt Ion:172 Resp: 464838
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 24.6 19.8 29.6





#50

Dimethylphthalate

Concen: 6.759 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041365.D

Acq: 20 Jun 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TP-3-GIS

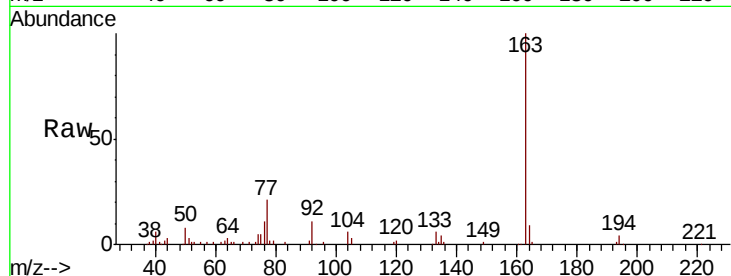
Tgt Ion:163 Resp: 60880

Ion Ratio Lower Upper

163 100

194 4.5 3.9 5.9

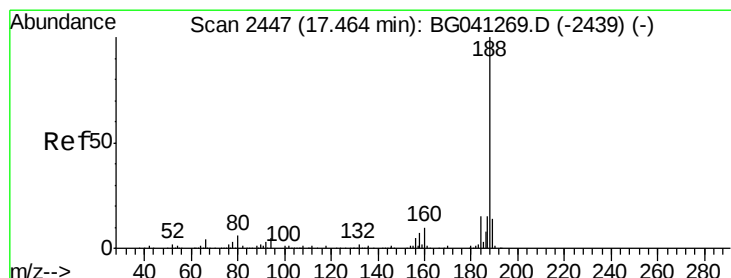
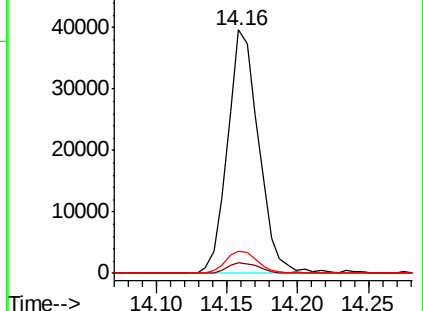
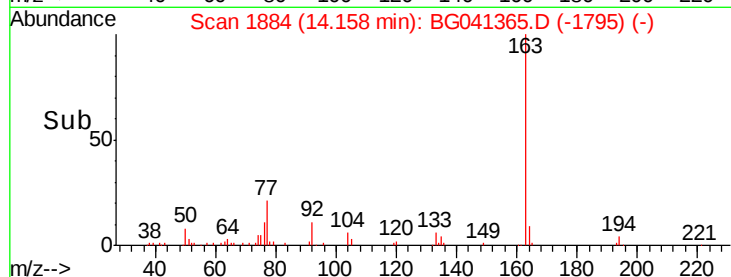
164 9.1 8.3 12.5



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: BG041365.D

Acq: 20 Jun 2019 20:16

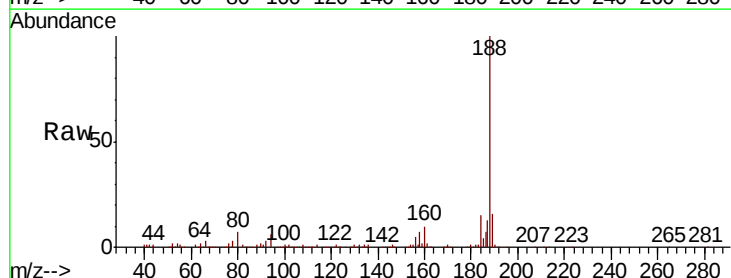
Tgt Ion:188 Resp: 236190

Ion Ratio Lower Upper

188 100

94 5.7 3.6 5.4#

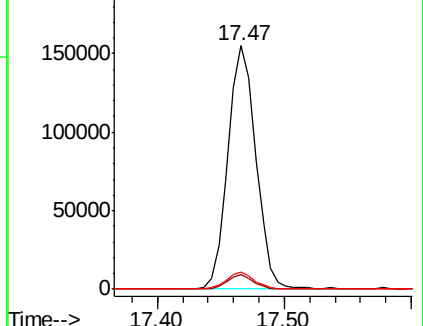
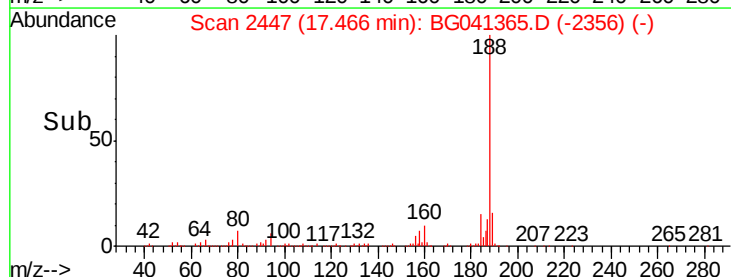
80 7.1 4.8 7.2

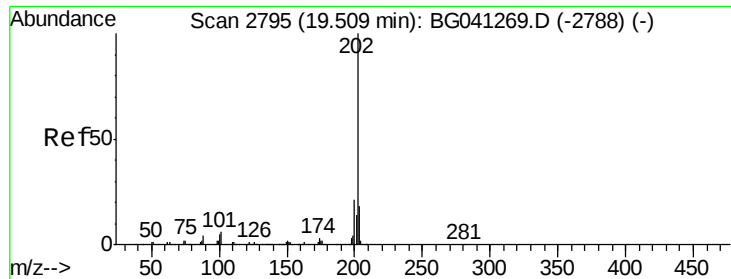


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 2.574 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG041365.D

Acq: 20 Jun 2019 20:16

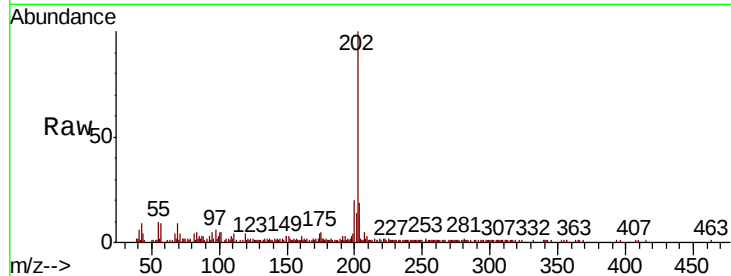
Instrument :

BNA_G

ClientSampleId :

TP-3-GIS

Tgt Ion:	202	Resp:	43081
Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	26.0
203	19.1	0.0	37.7

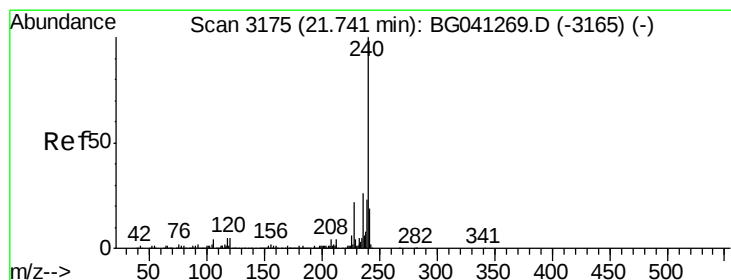
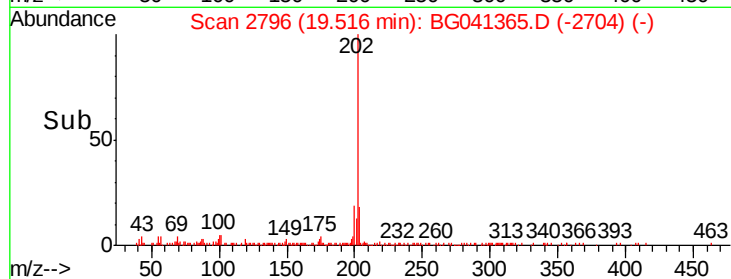
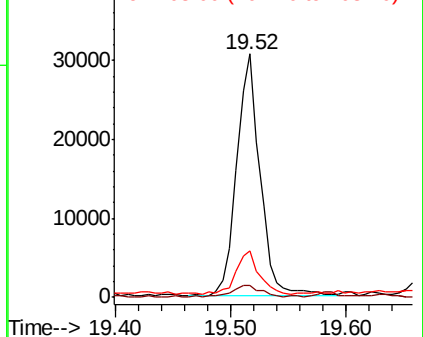


Abundance

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

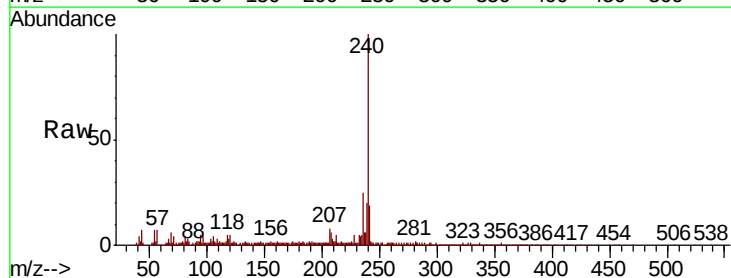
RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041365.D

Acq: 20 Jun 2019 20:16

Tgt Ion:	240	Resp:	217204
Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.7	5.5
236	24.9	21.1	31.7

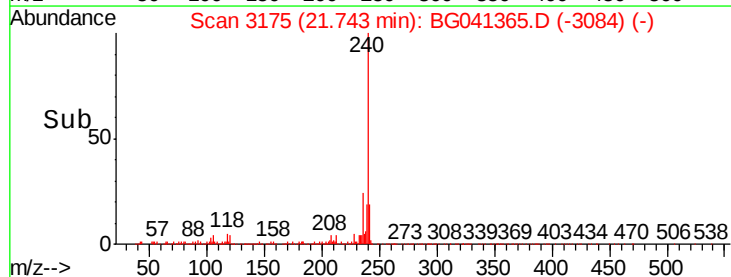
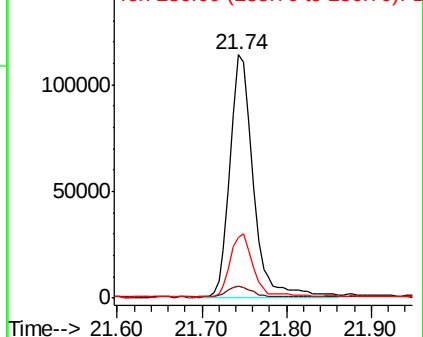


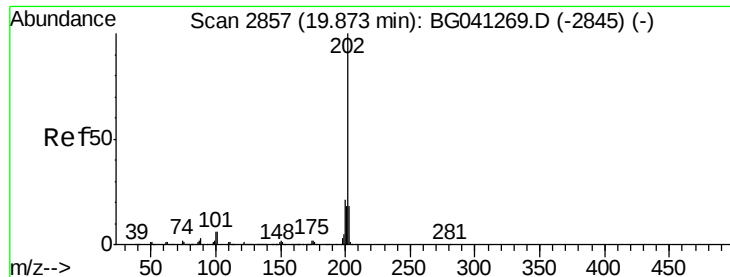
Abundance

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

Pyrene

Concen: 2.390 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041365.D

Acq: 20 Jun 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TP-3-GIS

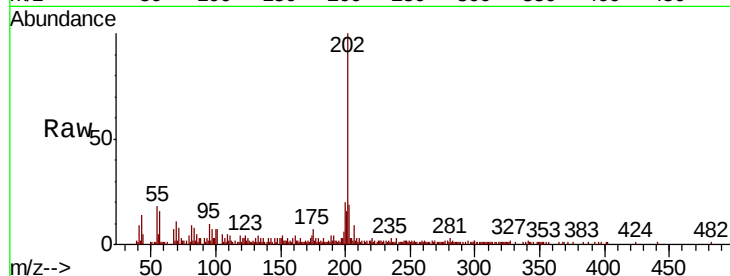
Tgt Ion:202 Resp: 35014

Ion Ratio Lower Upper

202 100

200 19.9 16.8 25.2

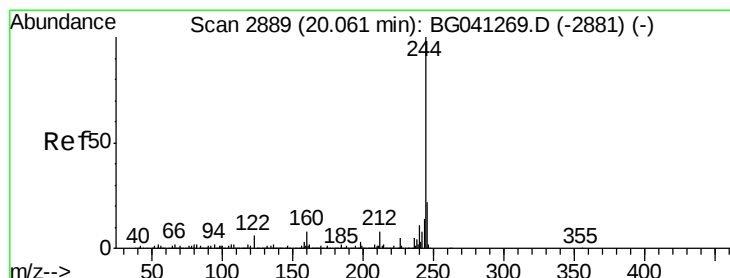
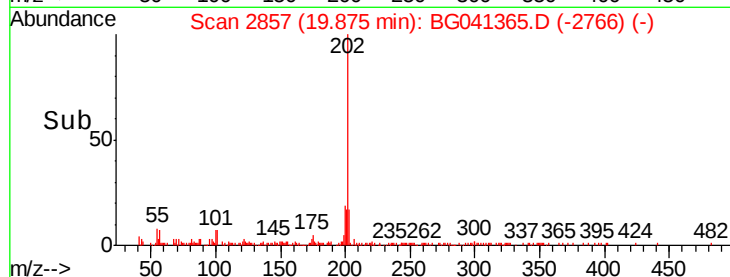
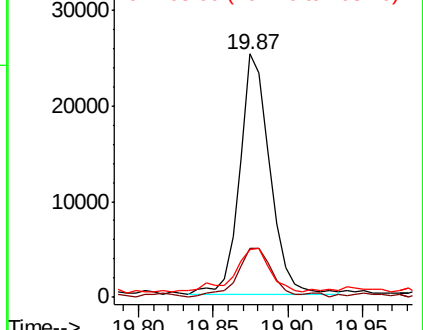
203 19.4 14.6 21.8



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: 64.474 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041365.D

Acq: 20 Jun 2019 20:16

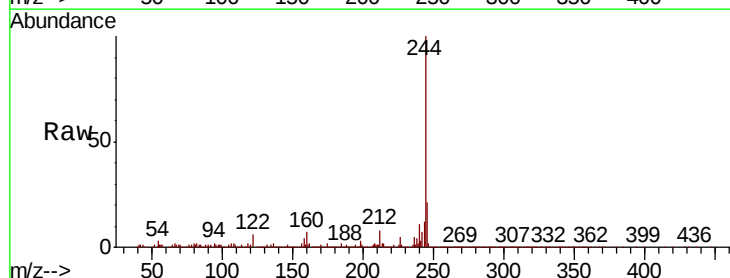
Tgt Ion:244 Resp: 706636

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

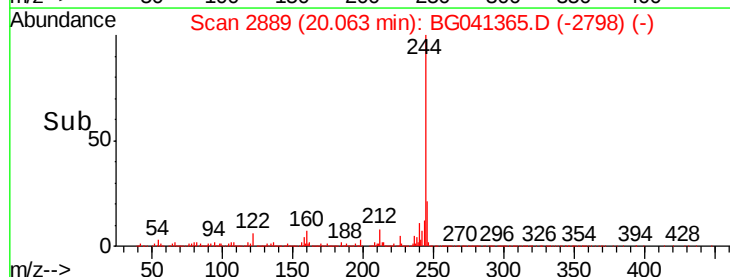
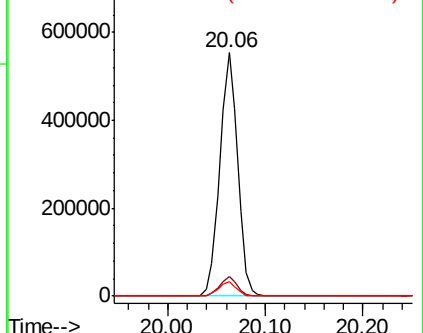
122 6.0 5.0 7.4

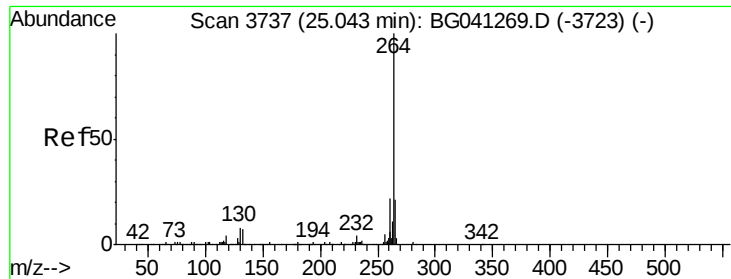


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

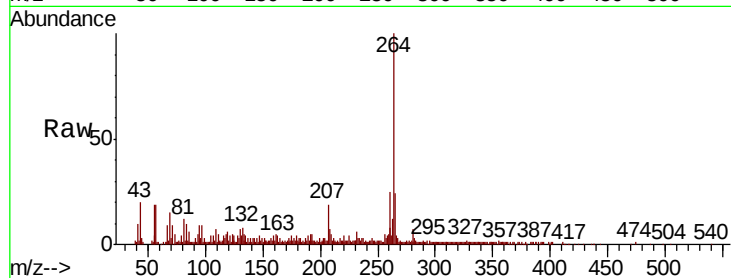




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3741
Delta R.T. 0.03 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :
TP-3-GIS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.2
265	23.8	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

