

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041369.D
 Acq On : 20 Jun 2019 22:48
 Operator : HP/JU
 Sample : K3419-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Jun 21 07:23:25 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

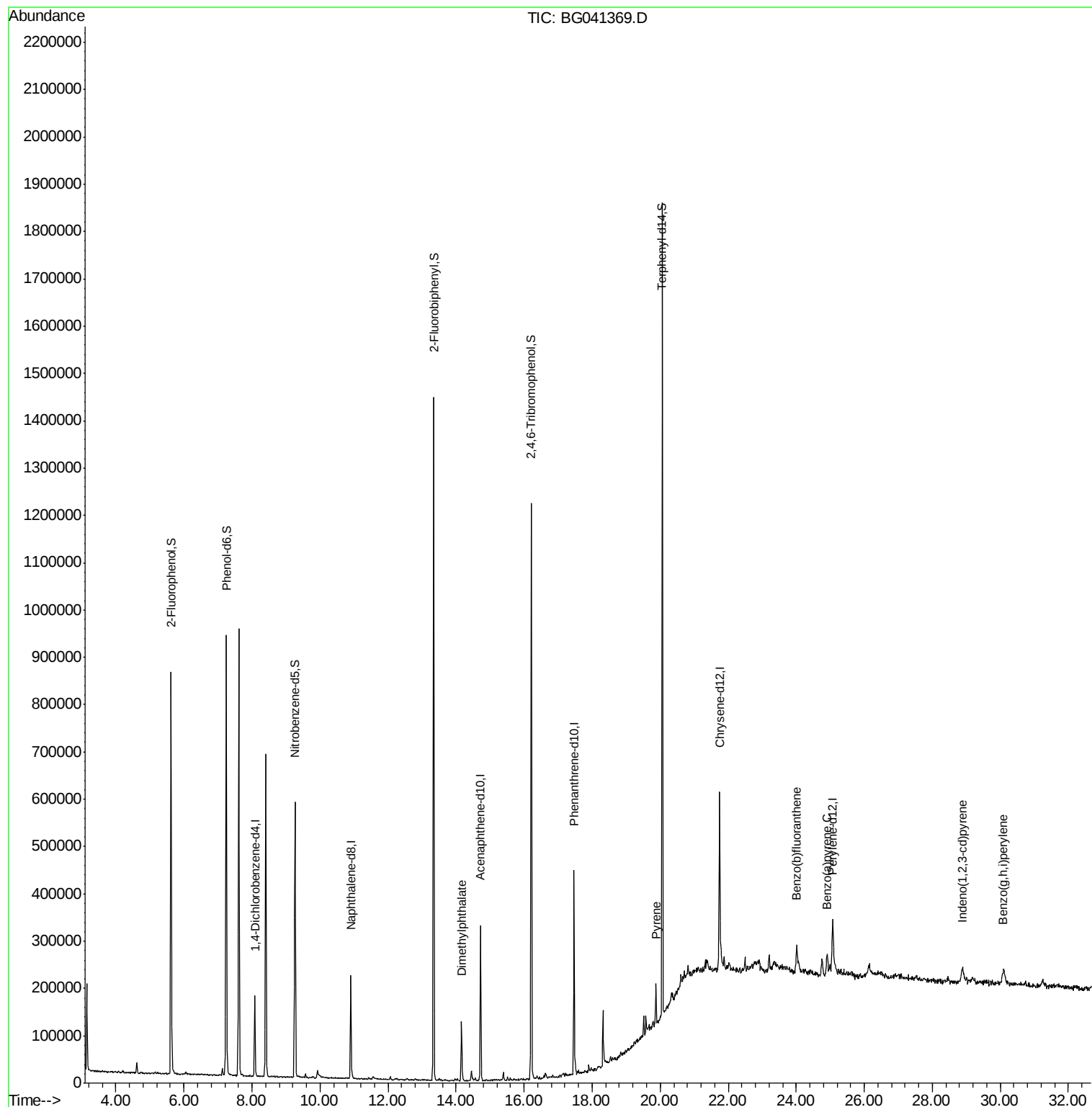
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44522	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172697	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117326	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	254792	20.00	ng	0.00
76) Chrysene-d12	21.74	240	234023	20.00	ng	0.00
87) Perylene-d12	25.07	264	161894	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	321939	132.86	ng	0.00
7) Phenol-d6	7.24	99	482641	137.42	ng	0.00
23) Nitrobenzene-d5	9.26	82	356130	86.73	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	230040	127.71	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	718934	83.28	ng	0.00
79) Terphenyl-d14	20.06	244	814856	69.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	81433	7.801	ng	98
78) Pyrene	19.87	202	58371	3.698	ng	98
86) Indeno(1,2,3-cd)pyrene	28.89	276	54134	2.994	ng	# 89
88) Benzo(b)fluoranthene	24.02	252	58864m	5.867	ng	
90) Benzo(a)pyrene	24.92	252	48936	5.164	ng	# 90
92) Benzo(g,h,i)perylene	30.09	276	80177	8.505	ng	98

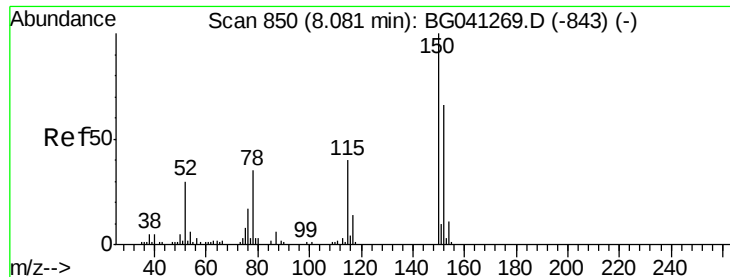
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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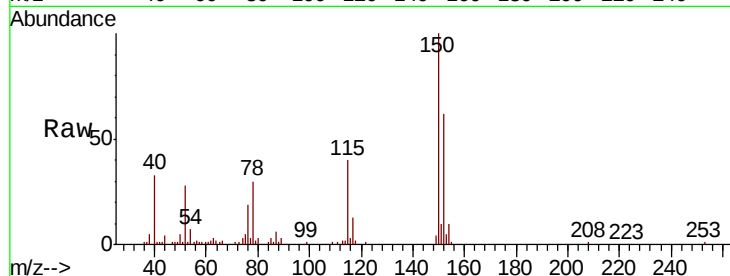


#1

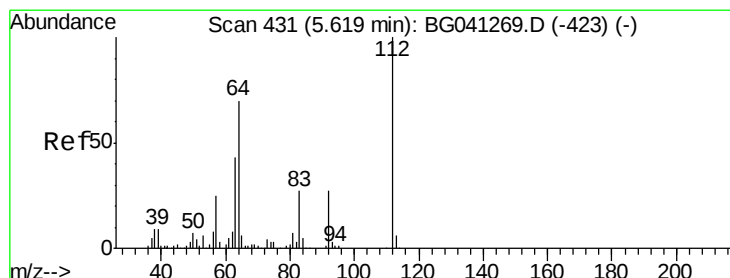
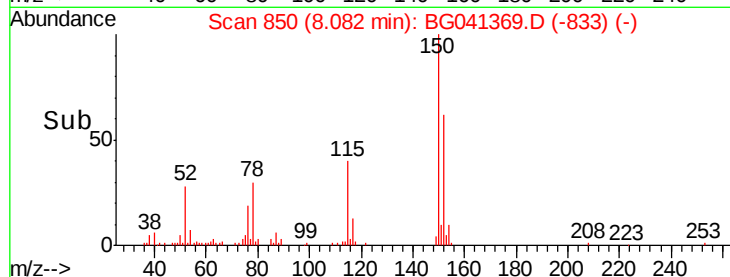
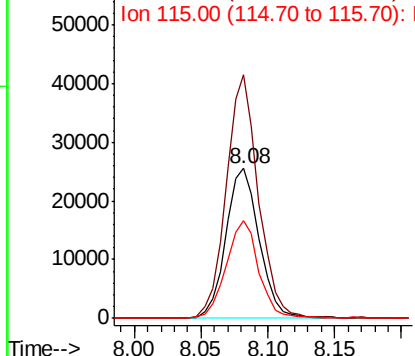
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:152 Resp: 44522
Ion Ratio Lower Upper
152 100
150 162.2 120.6 181.0
115 64.9 47.9 71.9



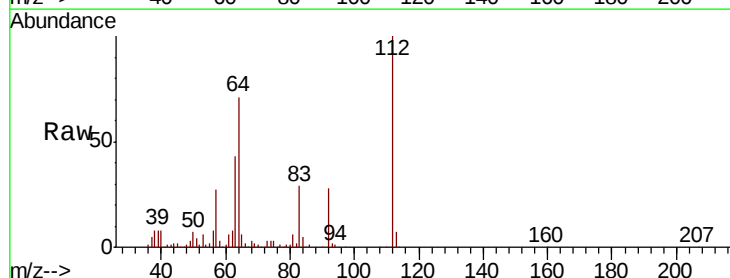
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



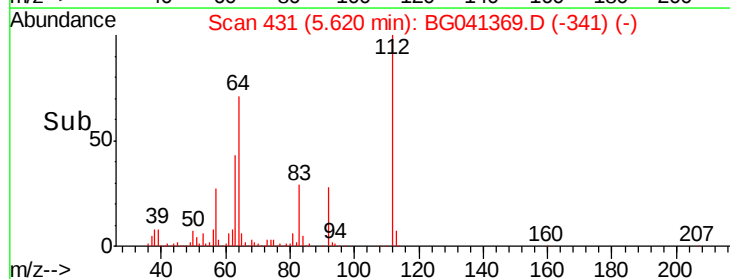
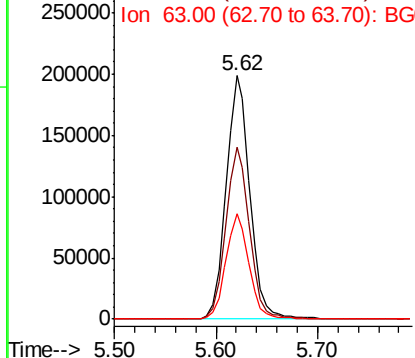
#5

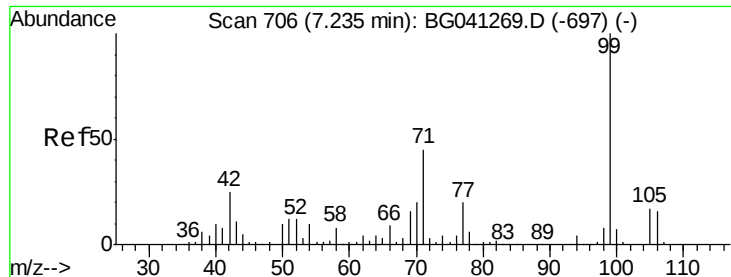
2-Fluorophenol
Concen: 132.864 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:112 Resp: 321939
Ion Ratio Lower Upper
112 100
64 70.8 55.9 83.9
63 43.4 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: 137.415 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG041369.D

Acq: 20 Jun 2019 22:48

Instrument :

BNA_G

ClientSampled :

TP-B

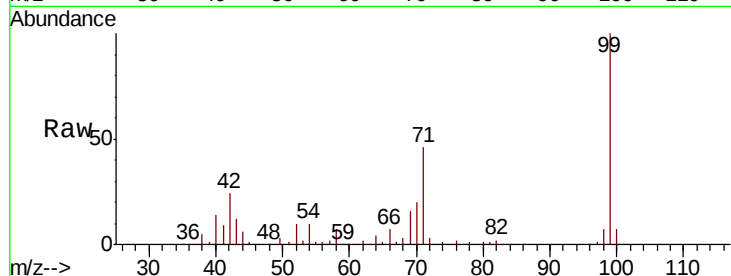
Tgt Ion: 99 Resp: 482641

Ion Ratio Lower Upper

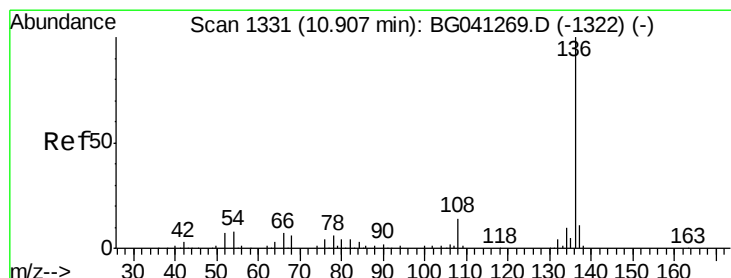
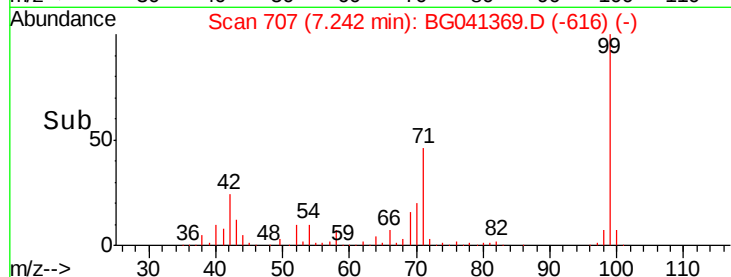
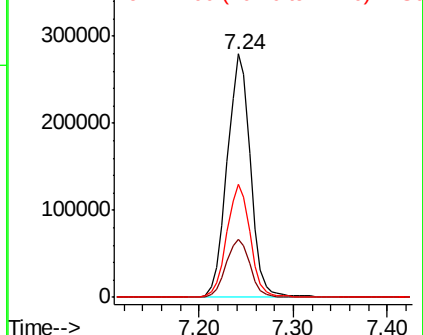
99 100

42 24.0 19.9 29.9

71 46.4 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: BG041369.D

Acq: 20 Jun 2019 22:48

Tgt Ion: 136 Resp: 172697

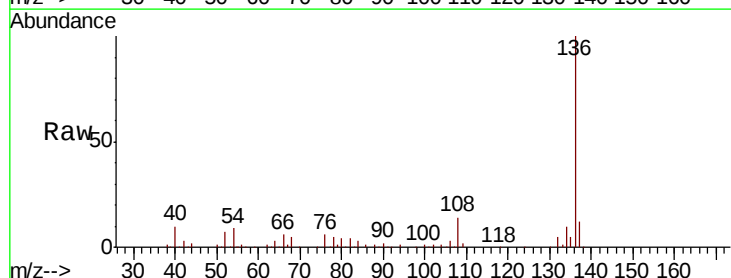
Ion Ratio Lower Upper

136 100

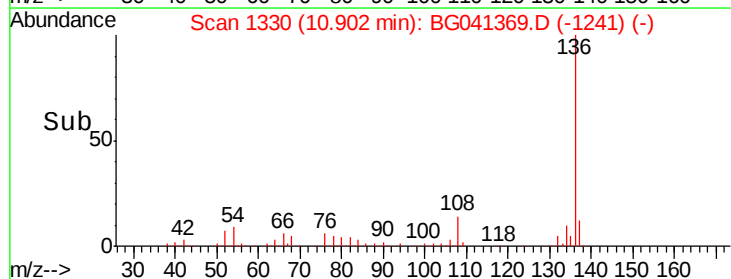
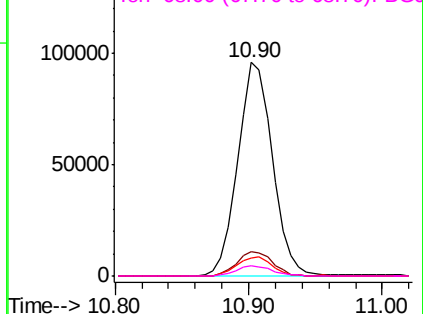
137 11.6 8.8 13.2

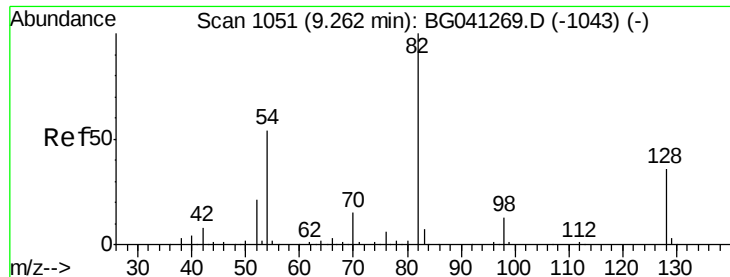
54 8.6 6.4 9.6

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

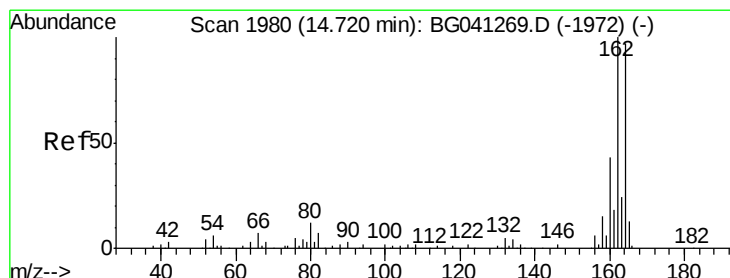
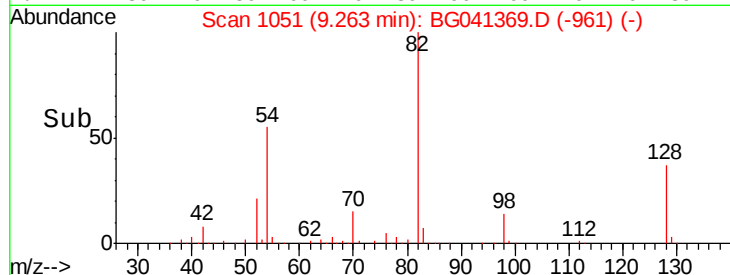
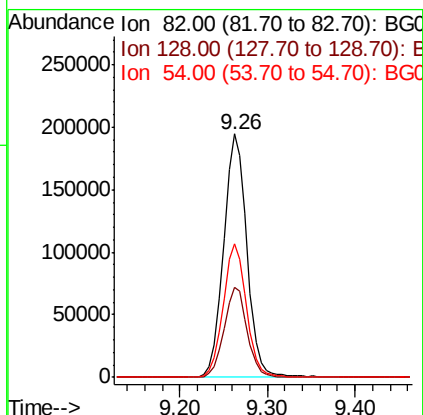
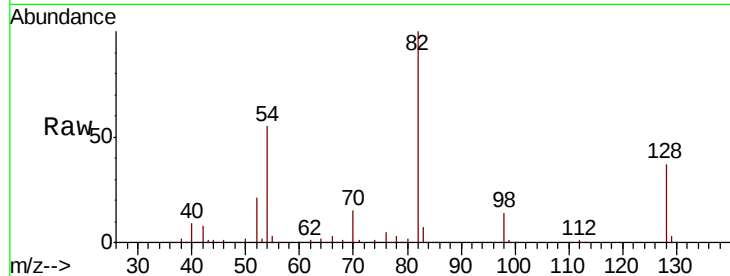




#23
 Nitrobenzene-d5
 Concen: 86.727 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041369.D
 Acq: 20 Jun 2019 22:48

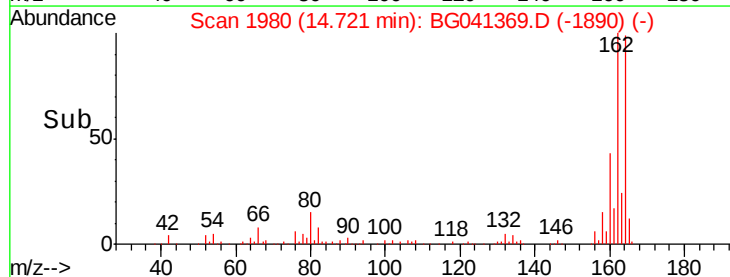
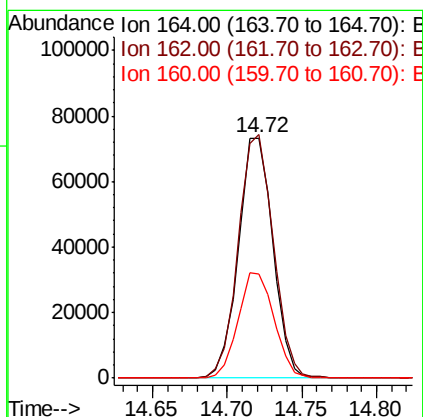
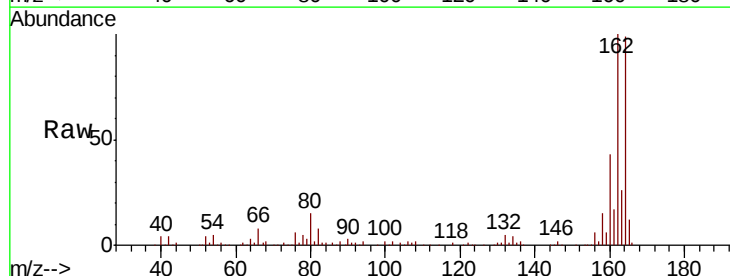
Instrument :
 BNA_G
 ClientSampleId :
 TP-B

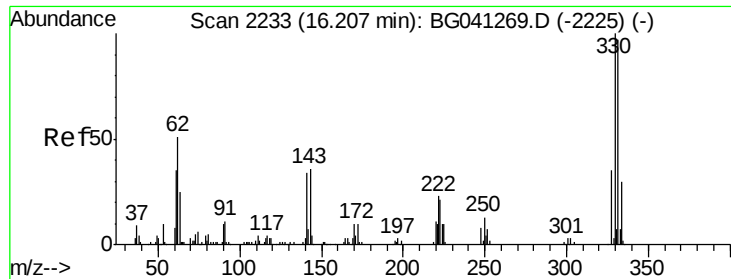
Tgt Ion: 82 Resp: 356130
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.2 43.8
 54 55.0 43.4 65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG041369.D
 Acq: 20 Jun 2019 22:48

Tgt Ion: 164 Resp: 117326
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.8 124.2
 160 43.3 35.8 53.8

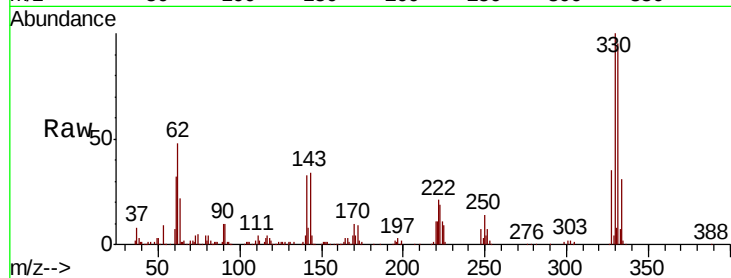




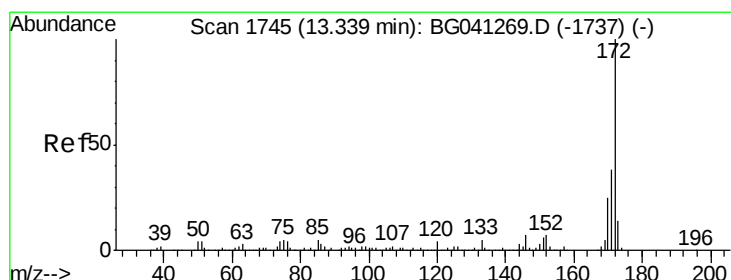
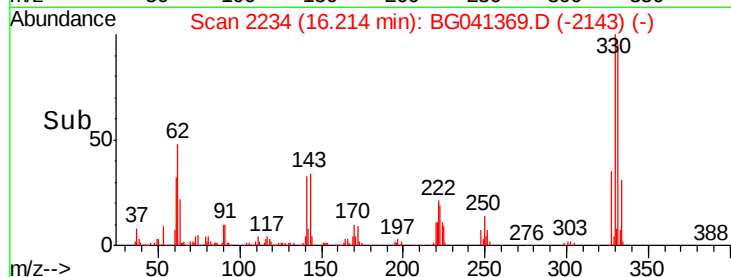
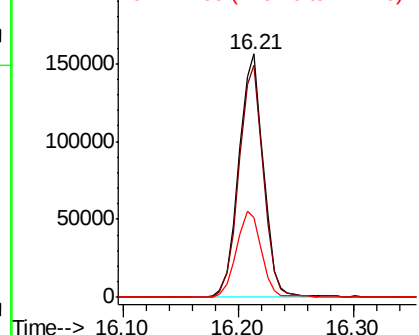
#42
 2,4,6-Tribromophenol
 Concen: 127.714 ng
 RT: 16.21 min Scan# 2234
 Delta R.T. 0.01 min
 Lab File: BG041369.D
 Acq: 20 Jun 2019 22:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Tgt Ion:330 Resp: 230040
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.5 113.3
 141 36.2 29.0 43.4

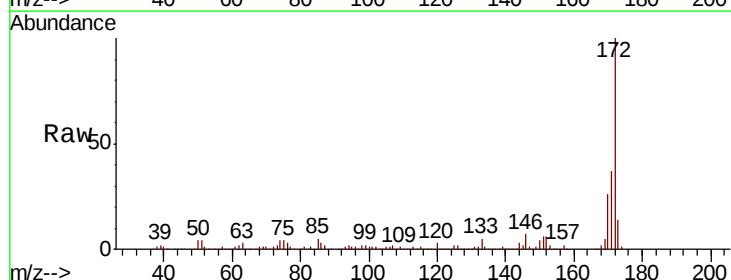


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

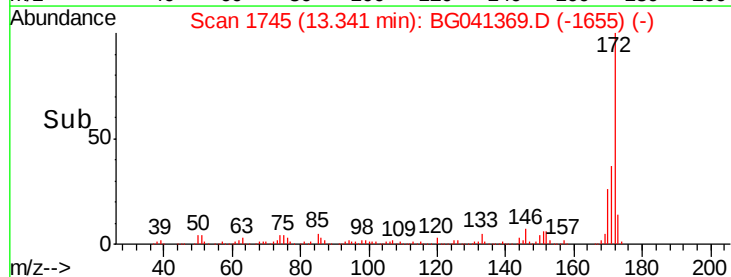
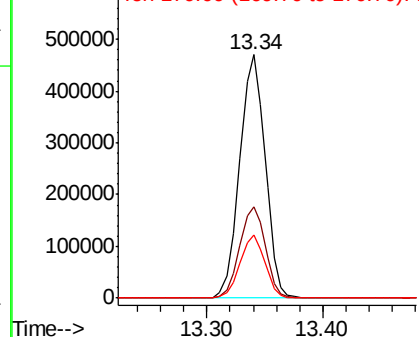


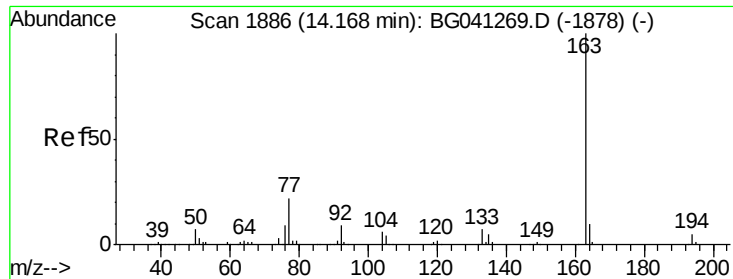
#45
 2-Fluorobiphenyl
 Concen: 83.284 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041369.D
 Acq: 20 Jun 2019 22:48

Tgt Ion:172 Resp: 718934
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 25.9 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: 7.801 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041369.D

Acq: 20 Jun 2019 22:48

Instrument :

BNA_G

ClientSampleId :

TP-B

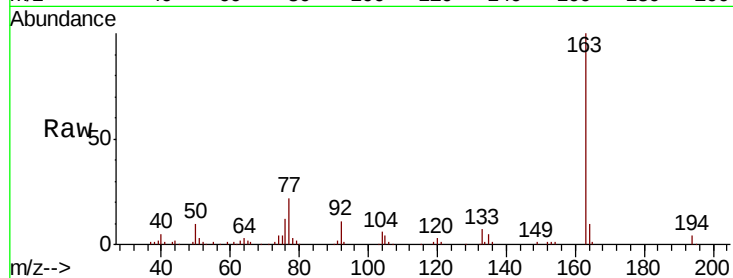
Tgt Ion:163 Resp: 81433

Ion Ratio Lower Upper

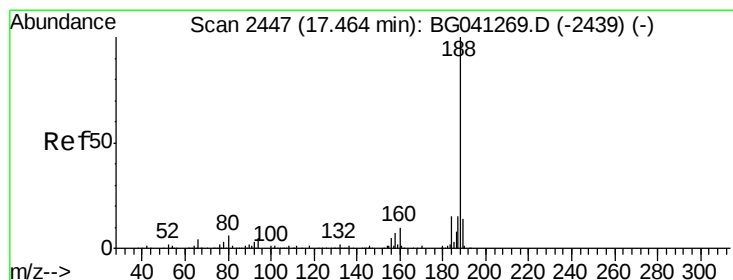
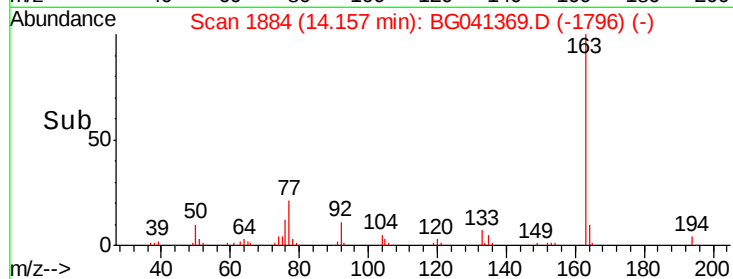
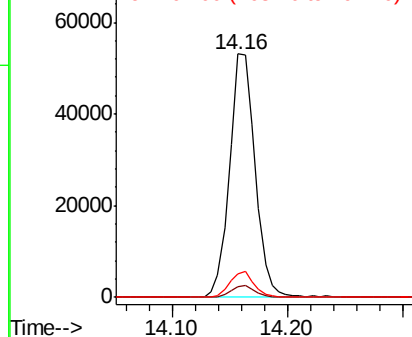
163 100

194 4.2 3.9 5.9

164 9.7 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: BG041369.D

Acq: 20 Jun 2019 22:48

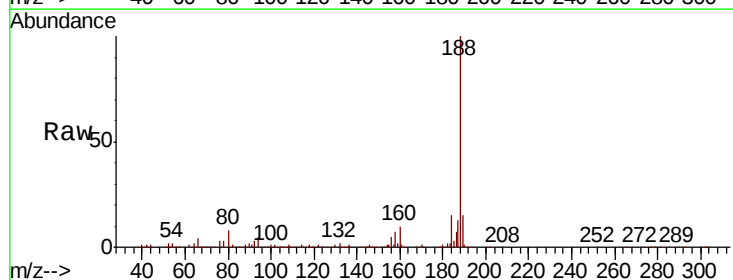
Tgt Ion:188 Resp: 254792

Ion Ratio Lower Upper

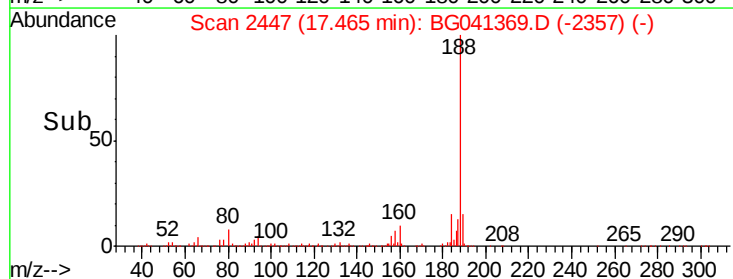
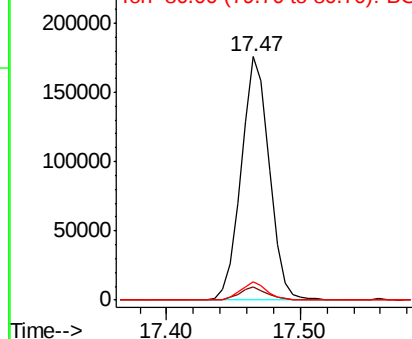
188 100

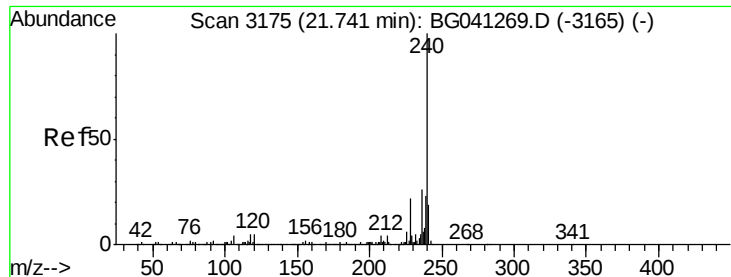
94 5.2 3.6 5.4

80 7.6 4.8 7.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

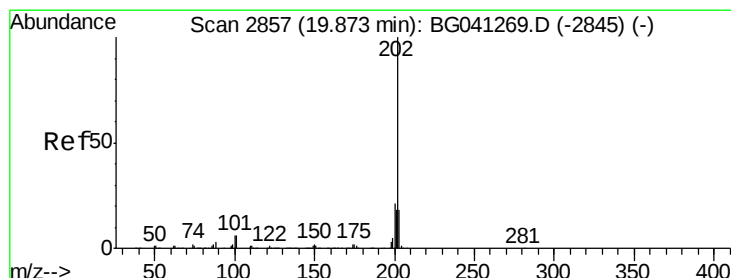
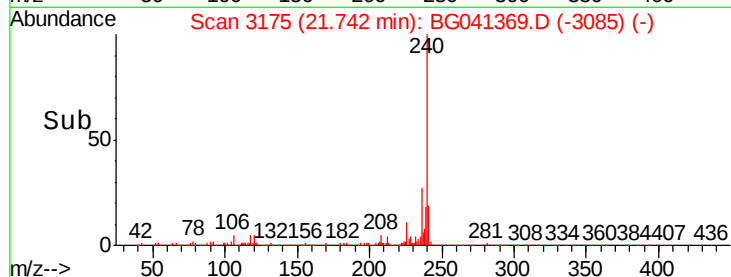
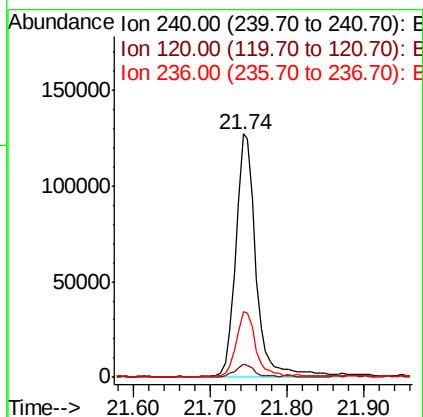
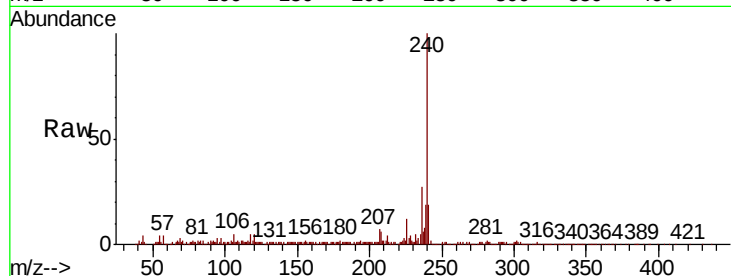




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

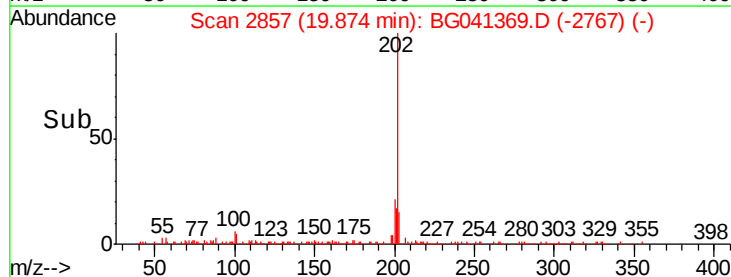
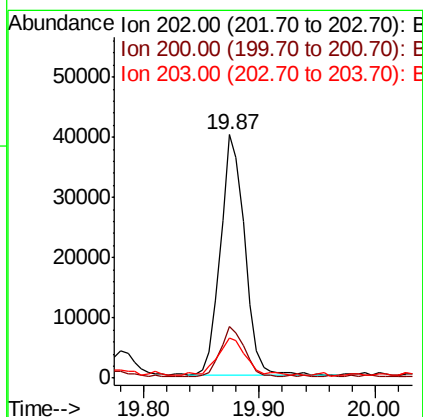
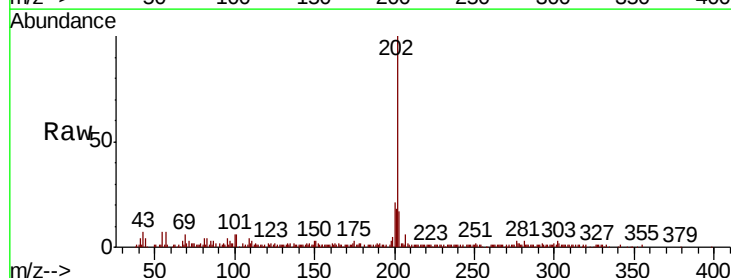
Instrument :
BNA_G
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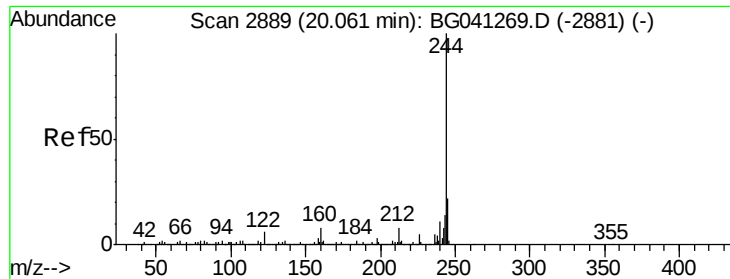
Tgt Ion:240 Resp: 234023
Ion Ratio Lower Upper
240 100
120 5.5 3.7 5.5
236 26.9 21.1 31.7



#78
Pyrene
Concen: 3.698 ng
RT: 19.87 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:202 Resp: 58371
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 16.6 14.6 21.8





#79

Terphenyl-d14

Concen: 69.005 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041369.D

Acq: 20 Jun 2019 22:48

Instrument :

BNA_G

ClientSampleId :

TP-B

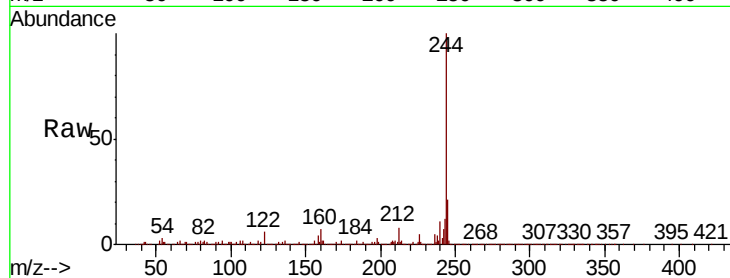
Tgt Ion:244 Resp: 814856

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

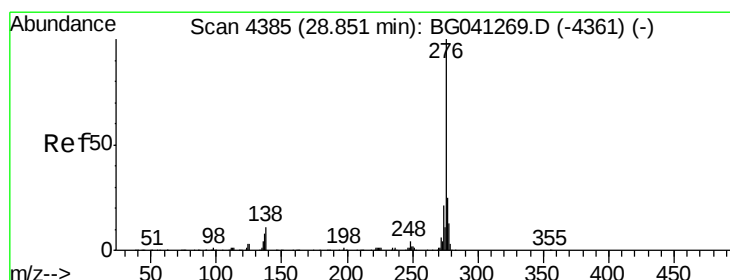
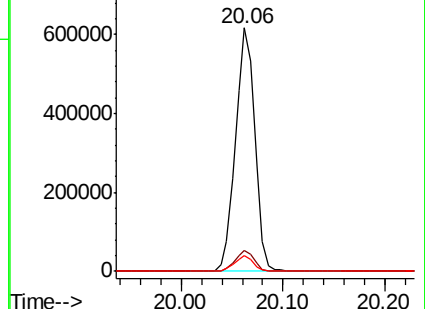
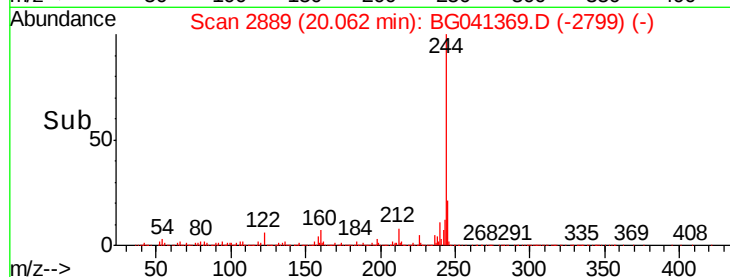
122 6.2 5.0 7.4



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.994 ng

RT: 28.89 min Scan# 4392

Delta R.T. 0.04 min

Lab File: BG041369.D

Acq: 20 Jun 2019 22:48

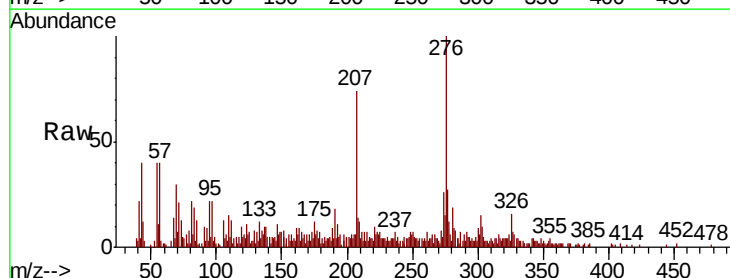
Tgt Ion:276 Resp: 54134

Ion Ratio Lower Upper

276 100

138 3.6 7.7 11.5#

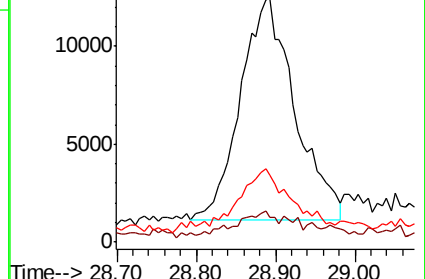
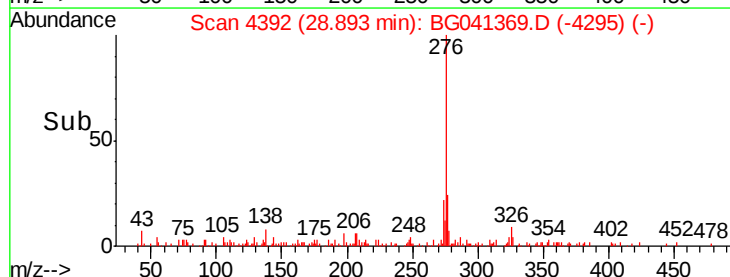
277 21.3 20.6 31.0

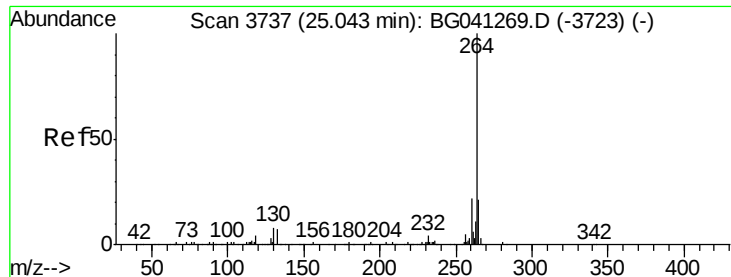


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3742

Delta R.T. 0.03 min

Lab File: BG041369.D

Acq: 20 Jun 2019 22:48

Instrument :

BNA_G

ClientSampleId :

TP-B

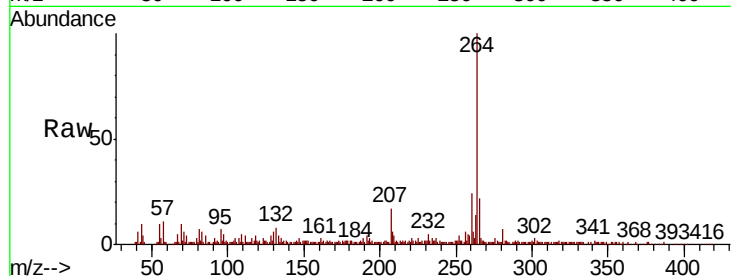
Tgt Ion:264 Resp: 161894

Ion Ratio Lower Upper

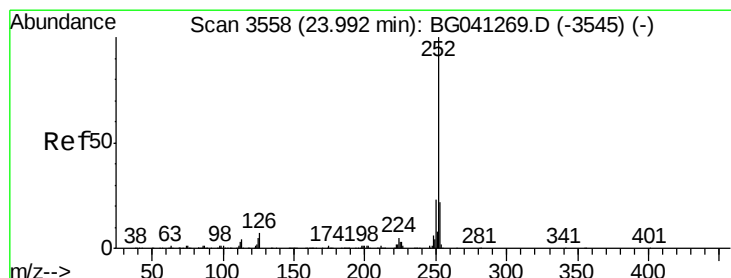
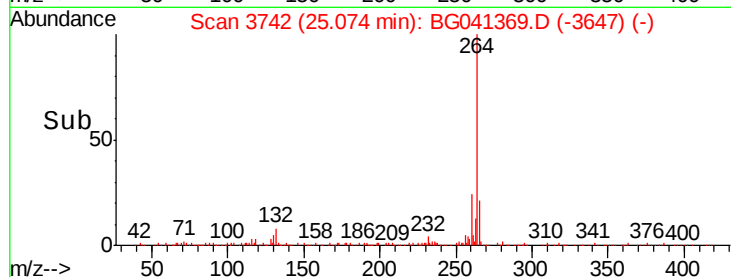
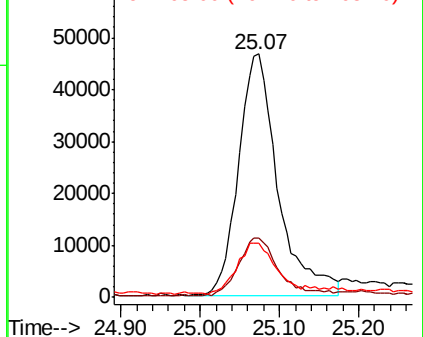
264 100

260 24.3 17.4 26.2

265 22.1 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



#88

Benzo(b)fluoranthene

Concen: 5.867 ng m

RT: 24.02 min Scan# 3562

Delta R.T. 0.02 min

Lab File: BG041369.D

Acq: 20 Jun 2019 22:48

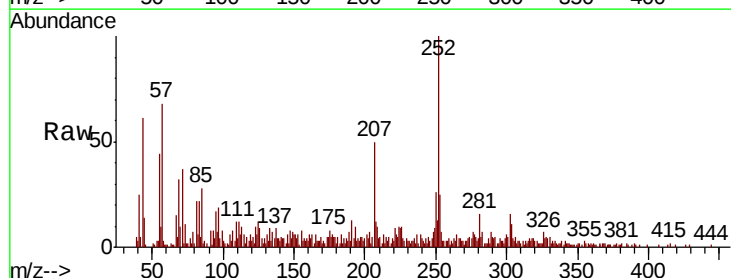
Tgt Ion:252 Resp: 58864

Ion Ratio Lower Upper

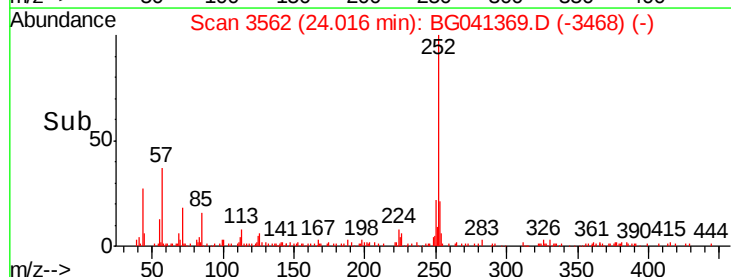
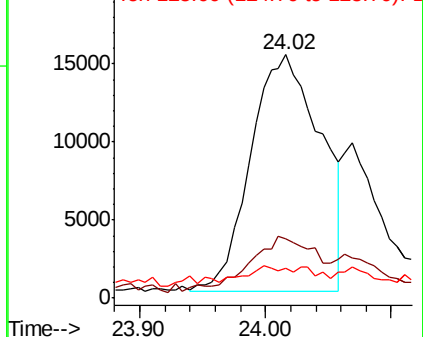
252 100

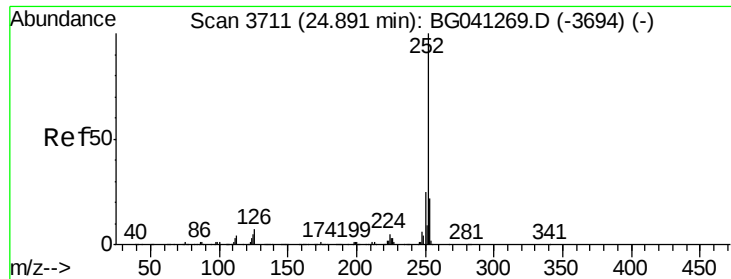
253 24.6 17.4 26.0

125 12.2 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 5.164 ng

RT: 24.92 min Scan# 3715

Delta R.T. 0.02 min

Lab File: BG041369.D

Acq: 20 Jun 2019 22:48

Instrument :

BNA_G

ClientSampleId :

TP-B

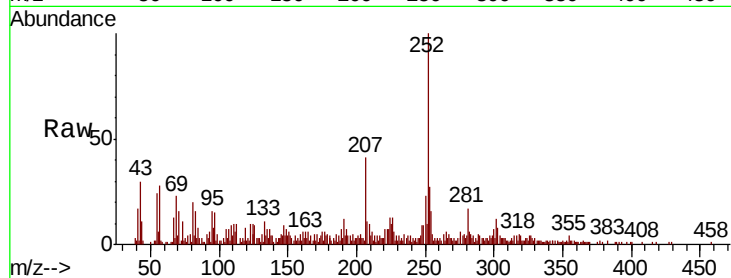
Tgt Ion:252 Resp: 48936

Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.6#

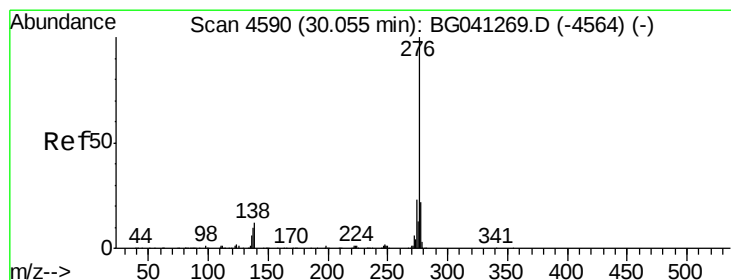
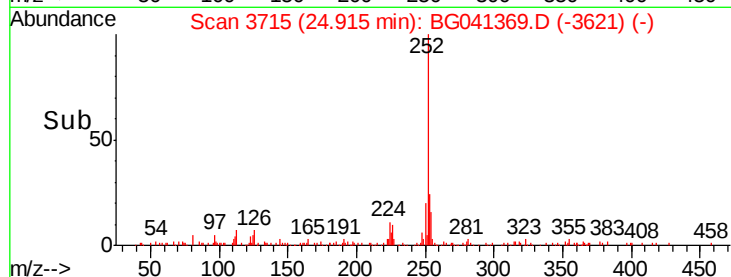
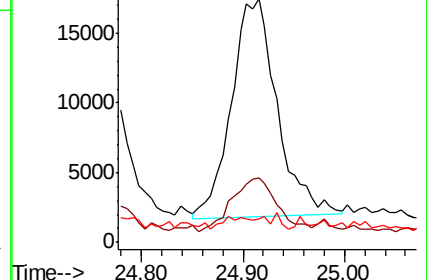
125 9.7 4.2 6.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.505 ng

RT: 30.09 min Scan# 4596

Delta R.T. 0.04 min

Lab File: BG041369.D

Acq: 20 Jun 2019 22:48

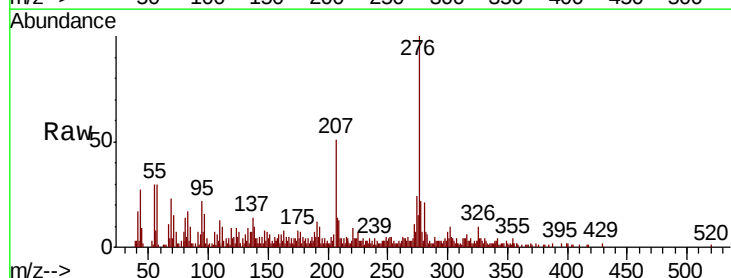
Tgt Ion:276 Resp: 80177

Ion Ratio Lower Upper

276 100

277 22.2 17.9 26.9

138 10.2 9.4 14.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

