

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036714.D
 Acq On : 14 Sep 2018 20:40
 Operator : JU/SJ
 Sample : J4906-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-7

Quant Time: Sep 15 02:38:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

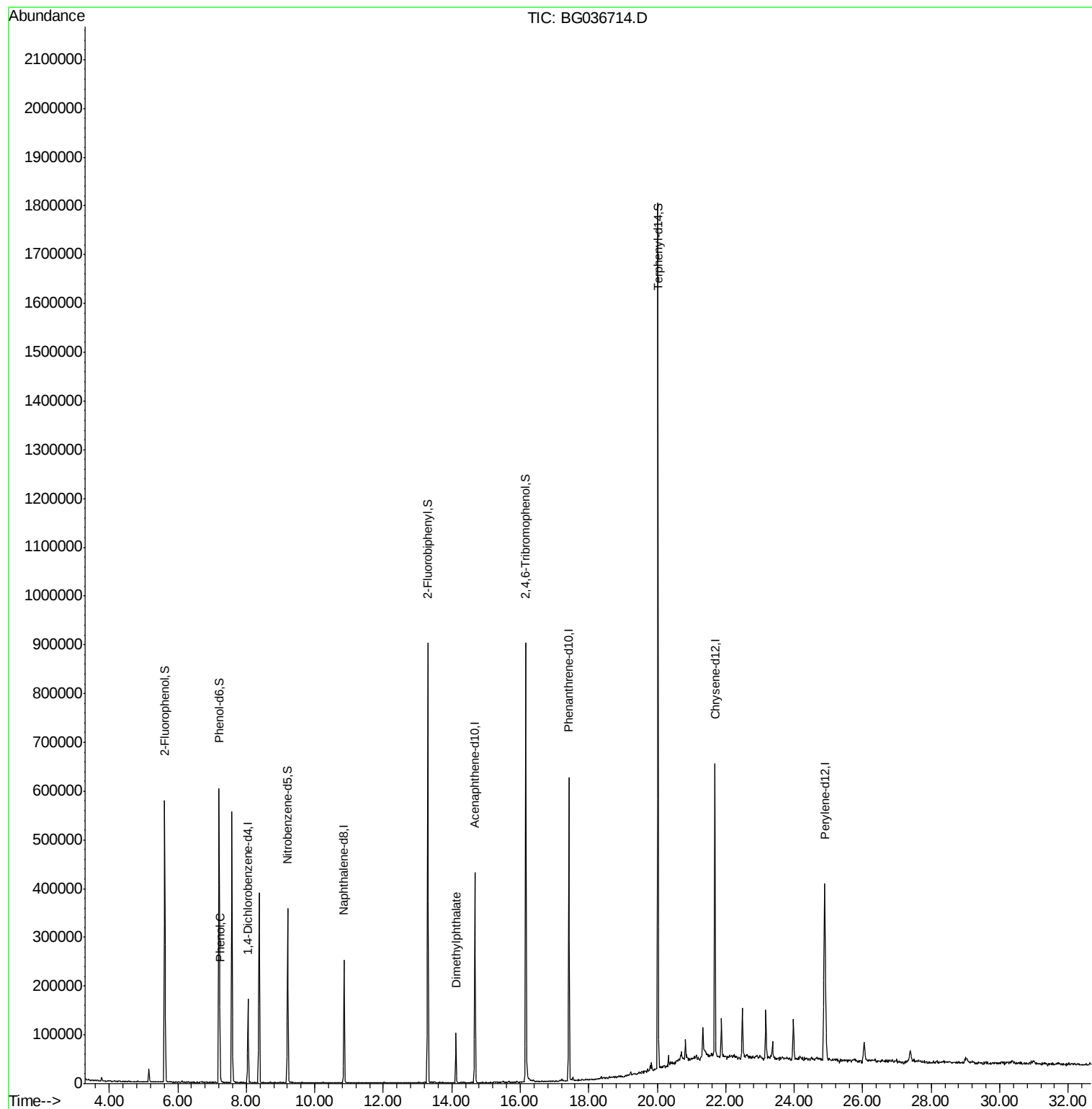
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49668	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	211447	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	147218	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	393161	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	375576	20.00	ng	-0.01
86) Perylene-d12	24.89	264	387377	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	244608	78.12	ng	0.00
7) Phenol-d6	7.21	99	345606	77.09	ng	-0.01
23) Nitrobenzene-d5	9.21	82	215371	55.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	179013	101.91	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	472684	45.84	ng	-0.01
78) Terphenyl-d14	20.02	244	850462	52.93	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	11851	2.526	ng	85
49) Dimethylphthalate	14.12	163	69487	5.780	ng	97

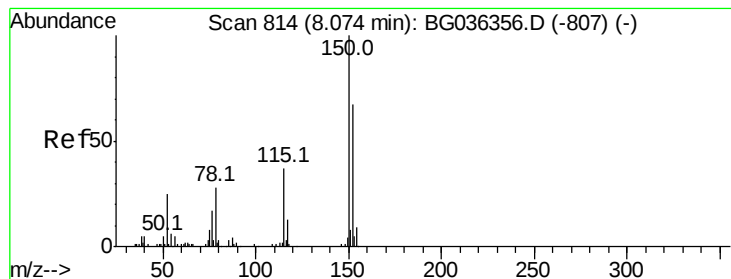
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

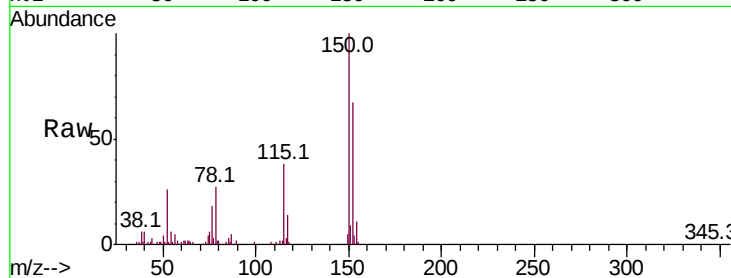
Tot Ion:152 Resp: 49668

Ion Ratio Lower Upper

152 100

150 149.8 119.5 179.3

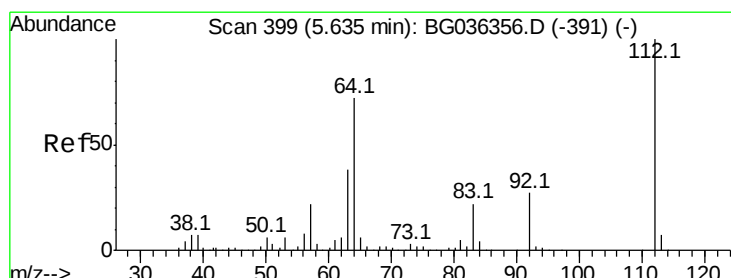
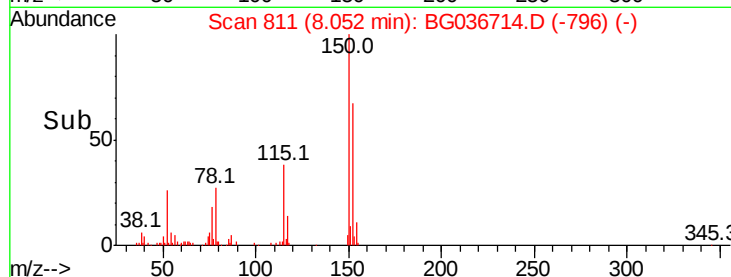
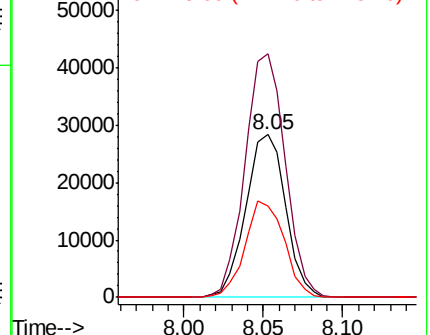
115 56.2 44.5 66.7



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: 78.123 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

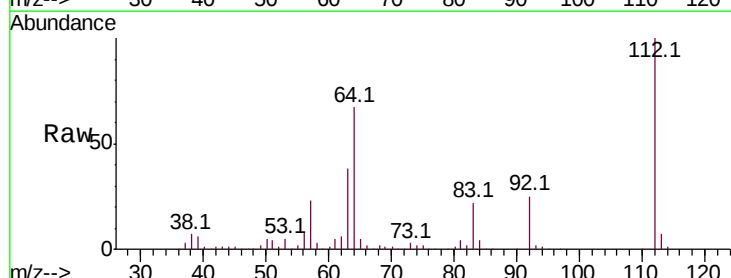
Tgt Ion:112 Resp: 244608

Ion Ratio Lower Upper

112 100

64 67.3 57.2 85.8

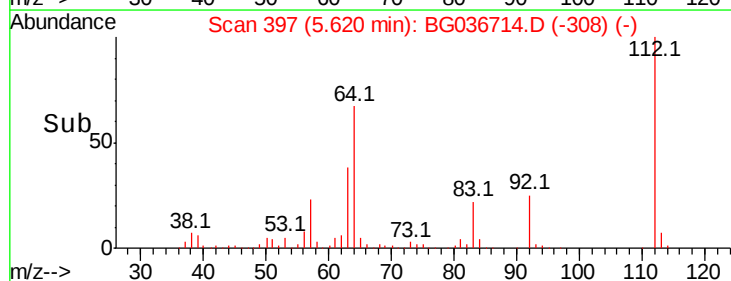
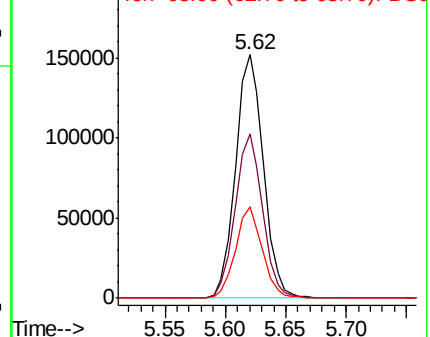
63 37.7 30.8 46.2

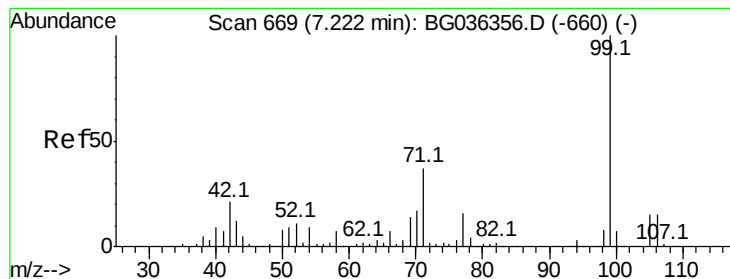


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 77.094 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

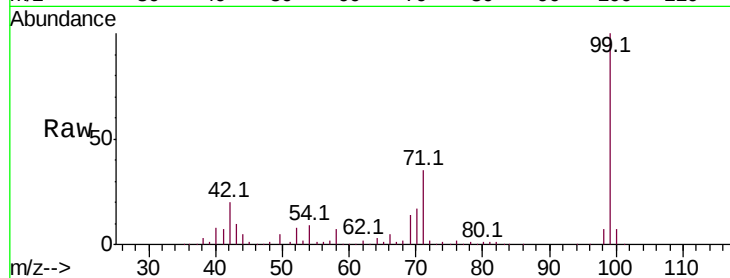
Tot Ion: 99 Resp: 345606

Ion Ratio Lower Upper

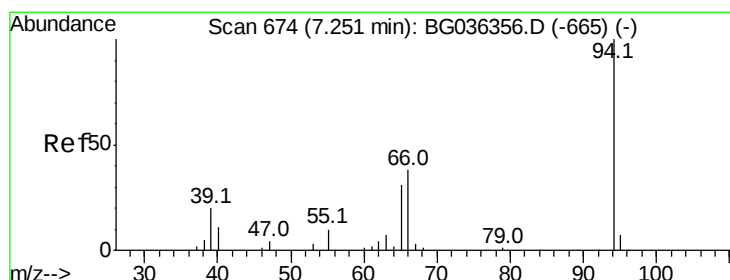
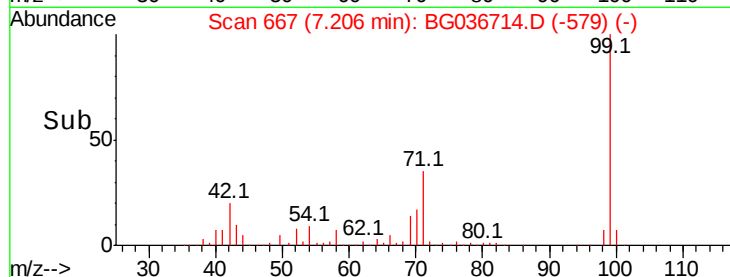
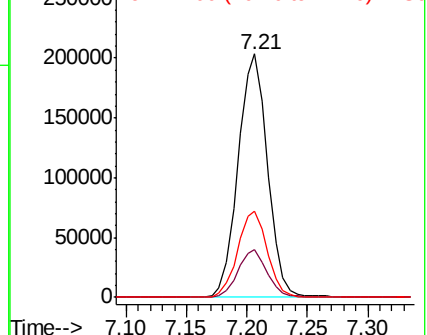
99 100

42 19.9 16.5 24.7

71 35.3 29.4 44.2



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



#10

Phenol

Concen: 2.526 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

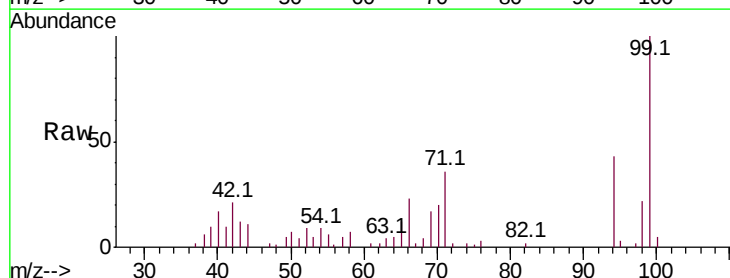
Tgt Ion: 94 Resp: 11851

Ion Ratio Lower Upper

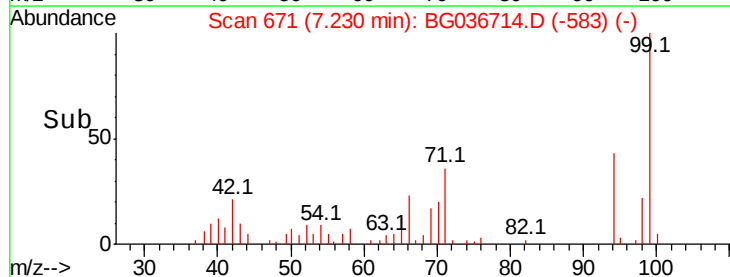
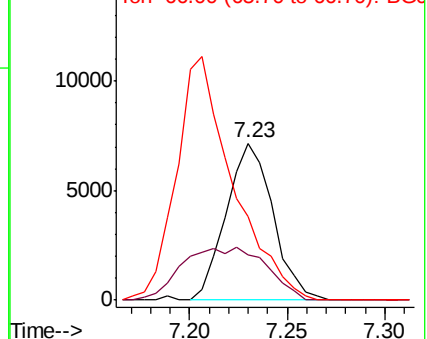
94 100

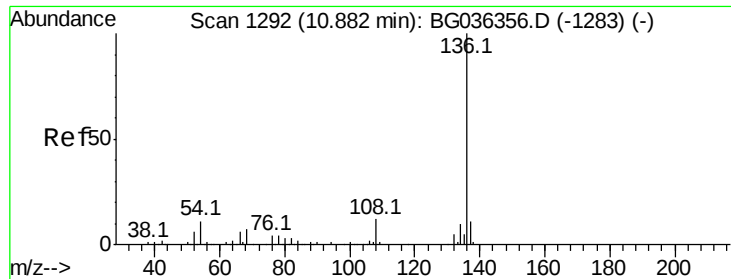
65 28.7 11.5 51.5

66 53.1 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

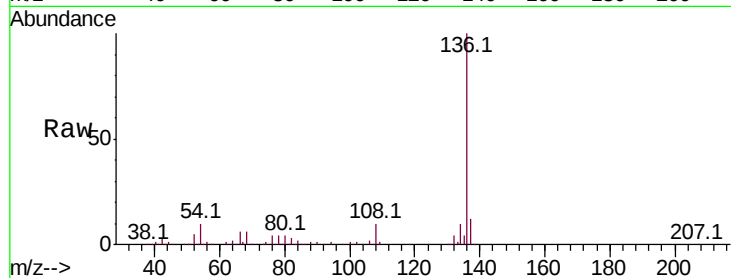




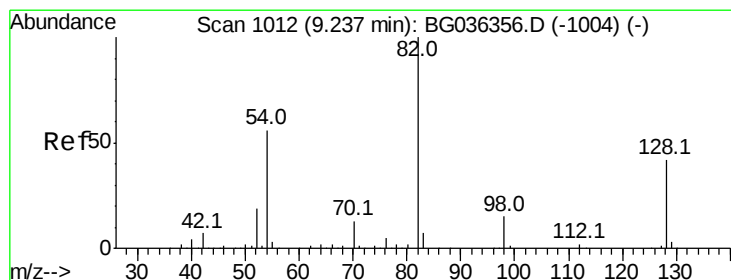
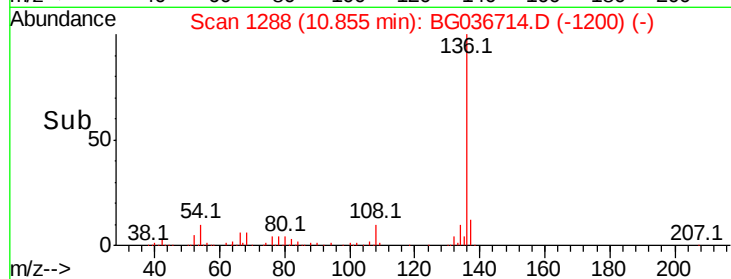
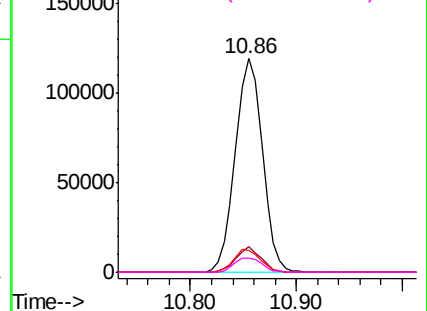
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
SP-PIT-7

Tot Ion:136	Resp:	211447
Ion	Ratio	Lower Upper
136	100	
137	12.1	8.8 13.2
54	10.1	9.2 13.8
68	6.4	5.8 8.6

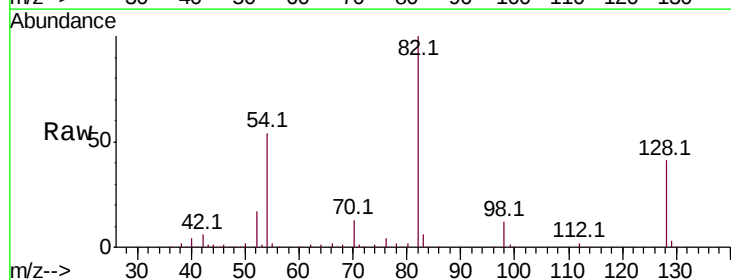


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

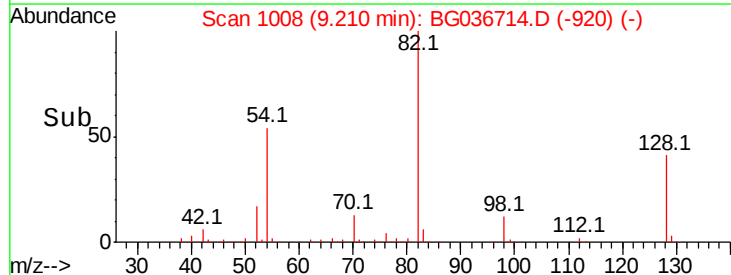
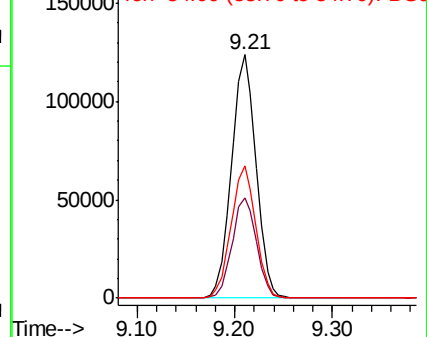


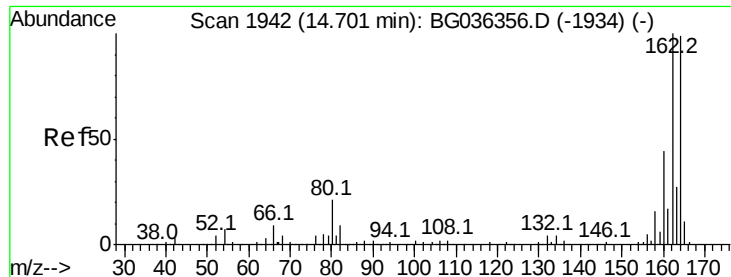
#23
Nitrobenzene-d5
Concen: 55.264 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Tgt Ion: 82	Resp:	215371
Ion	Ratio	Lower Upper
82	100	
128	41.2	33.3 49.9
54	54.1	45.1 67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

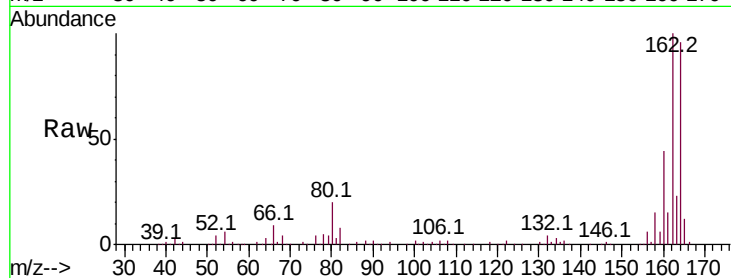
Tot Ion:164 Resp: 147218

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

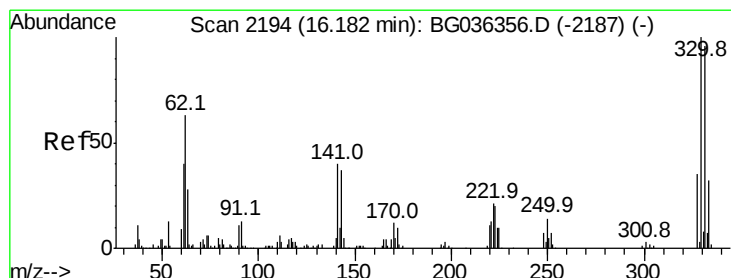
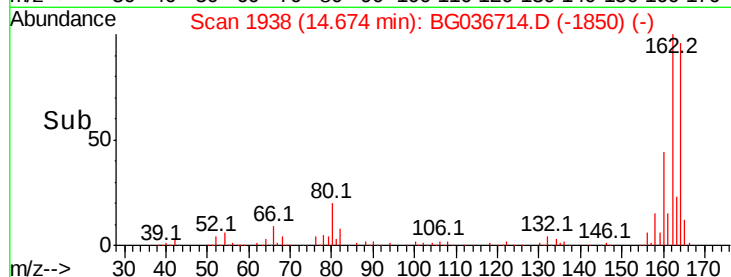
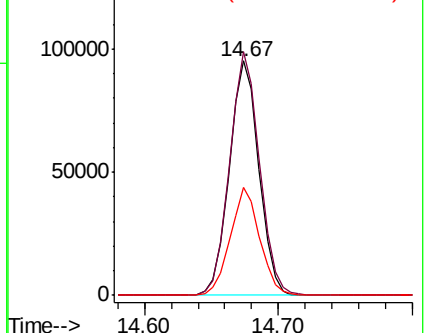
160 45.8 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 101.906 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

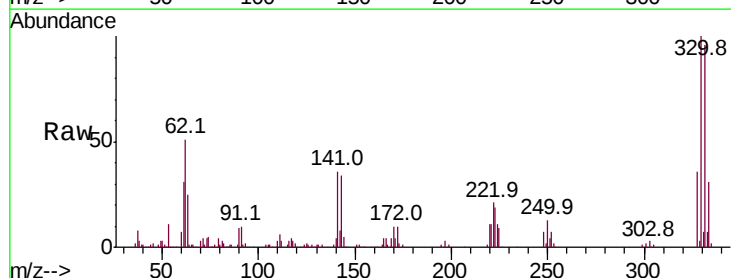
Tgt Ion:330 Resp: 179013

Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.2

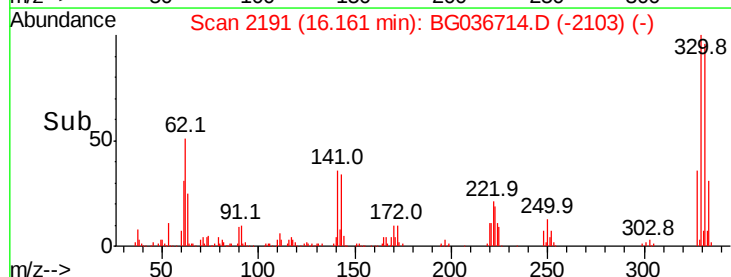
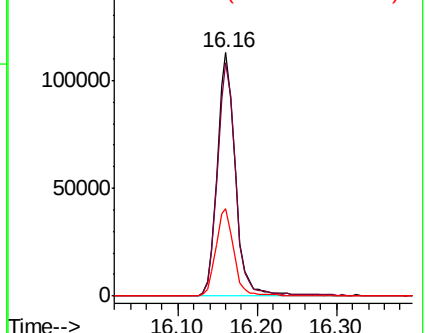
141 35.9 30.7 46.1

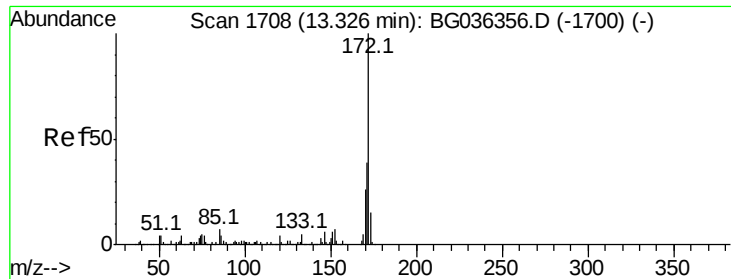


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

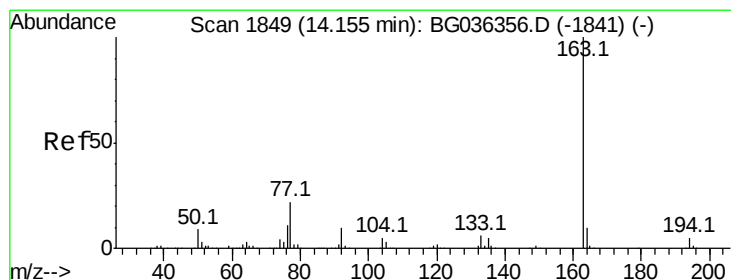
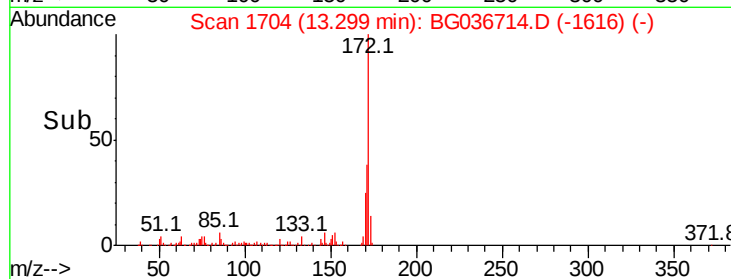
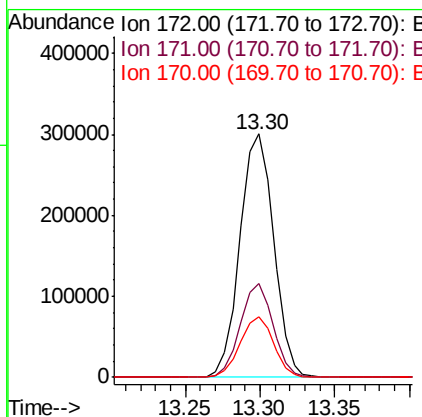
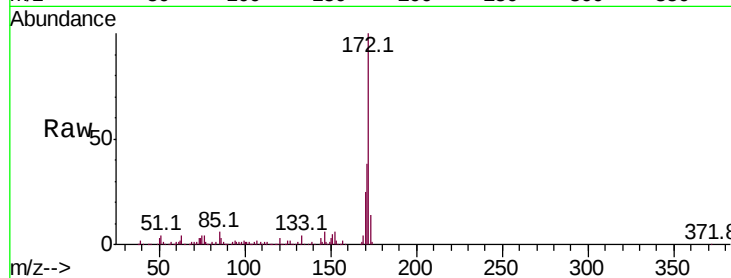




#44
2-Fluorobiphenyl
Concen: 45.844 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

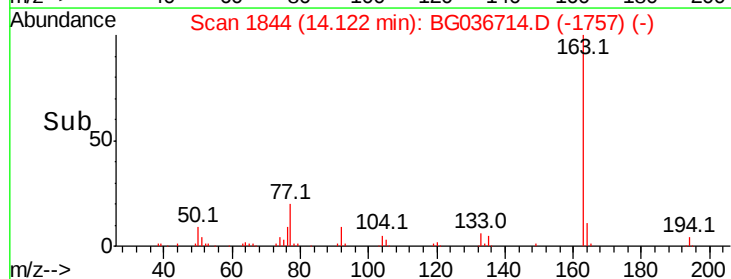
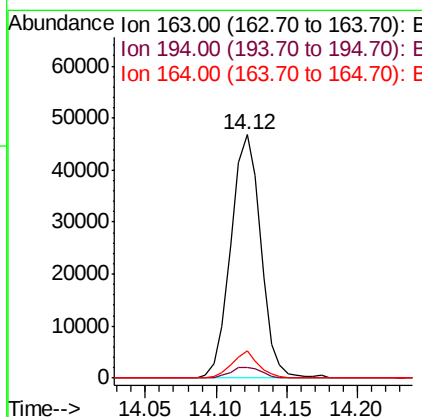
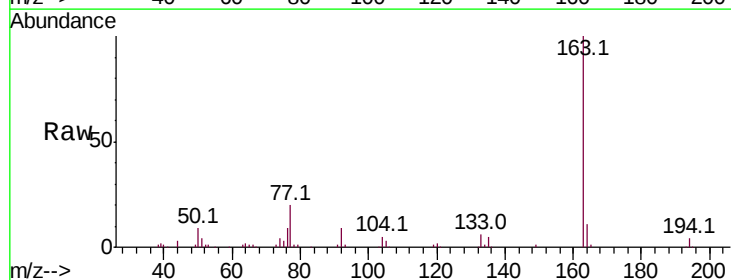
Instrument :
BNA_G
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SP-PIT-7

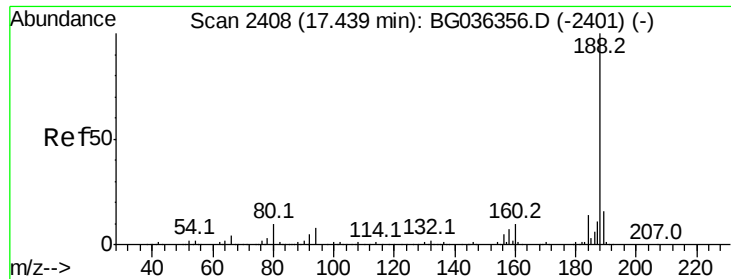
Tot Ion:172 Resp: 472684
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 24.8 21.0 31.6



#49
Dimethylphthalate
Concen: 5.780 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Tgt Ion:163 Resp: 69487
Ion Ratio Lower Upper
163 100
194 4.1 4.0 6.0
164 11.4 8.1 12.1

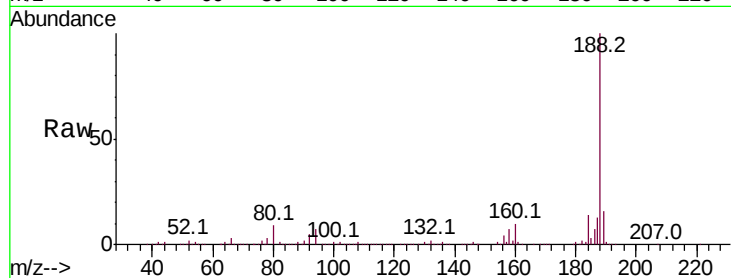




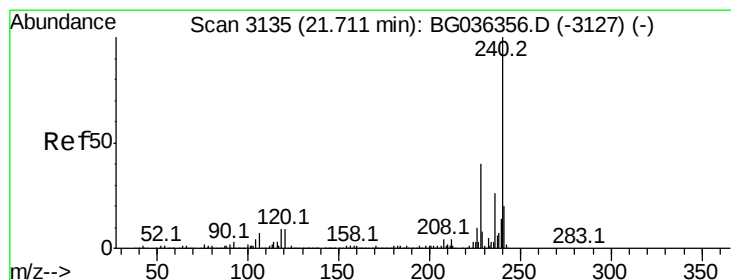
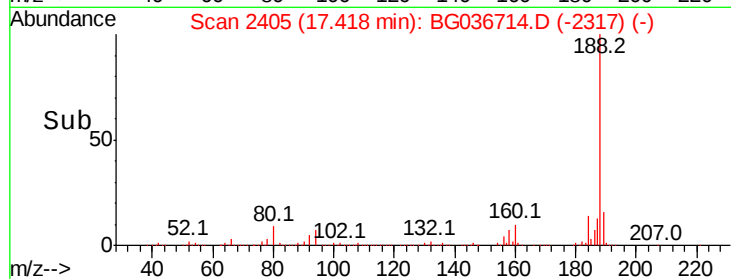
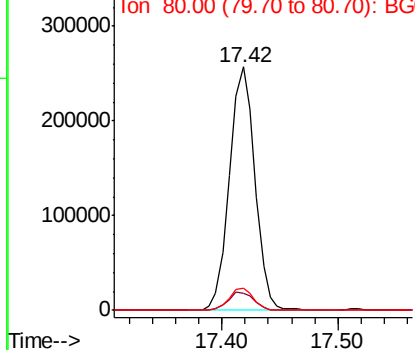
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Instrument :
BNA_G
ClientSampleId :
SP-PIT-7

Tot Ion:188 Resp: 393161
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 9.2 8.1 12.1

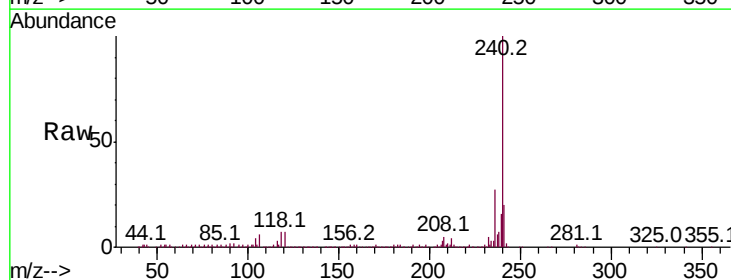


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

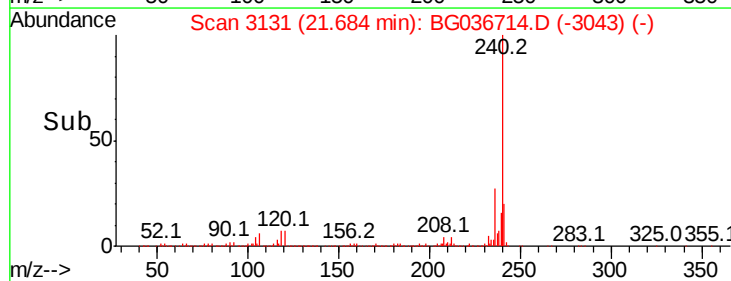
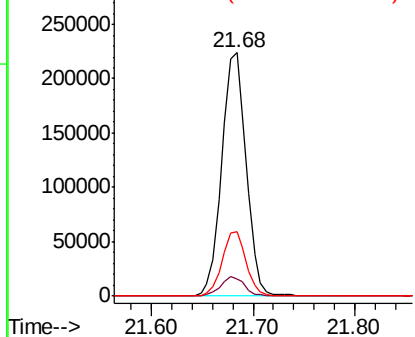


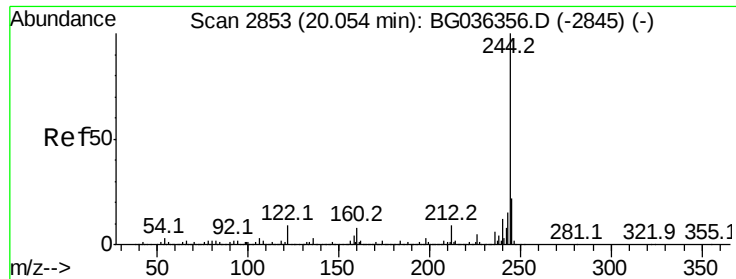
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036714.D
Acq: 14 Sep 2018 20:40

Tgt Ion:240 Resp: 375576
Ion Ratio Lower Upper
240 100
120 7.2 6.9 10.3
236 26.7 21.2 31.8



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

Terphenyl-d14

Concen: 52.927 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

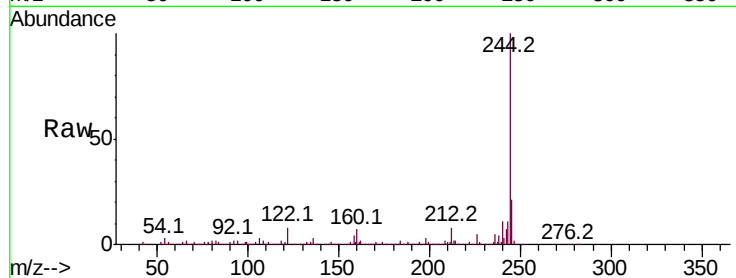
Tot Ion:244 Resp: 850462

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

122 8.5 7.1 10.7



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

800000

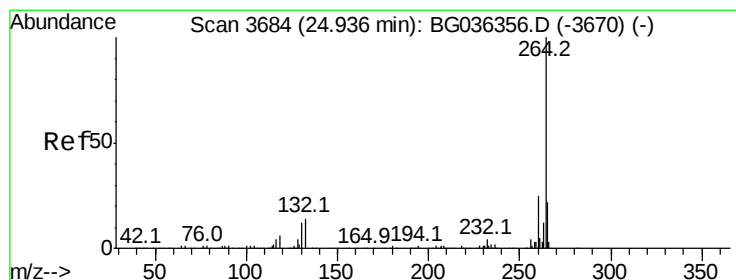
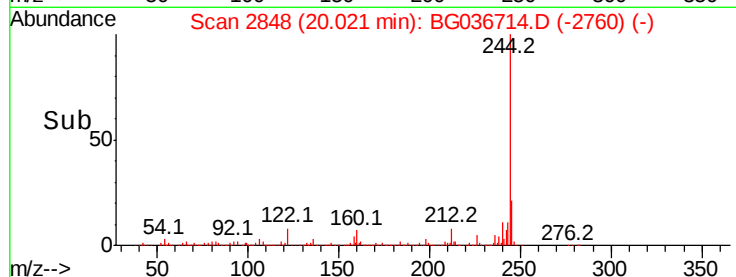
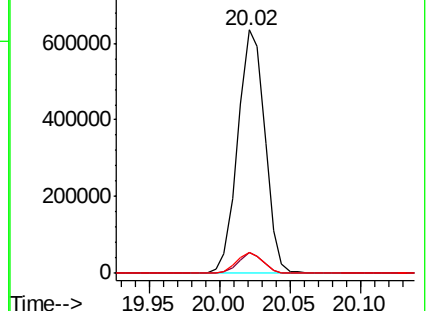
600000

400000

200000

0

19.95 20.00 20.05 20.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036714.D

Acq: 14 Sep 2018 20:40

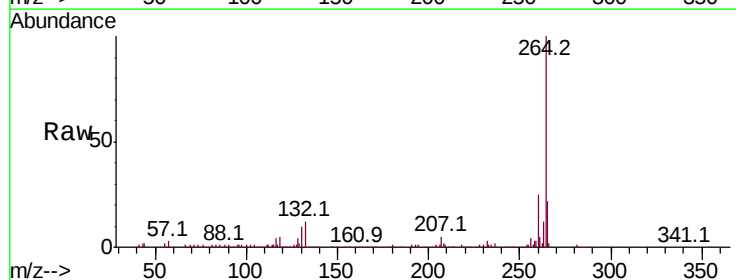
Tgt Ion:264 Resp: 387377

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.1 17.4 26.0



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

150000

100000

50000

0

24.80 24.90 25.00

