

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040238.D
 Acq On : 29 Mar 2019 23:16
 Operator : JU/SJ
 Sample : K2138-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6A-S6B(21-25)COMP

Quant Time: Mar 30 04:53:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

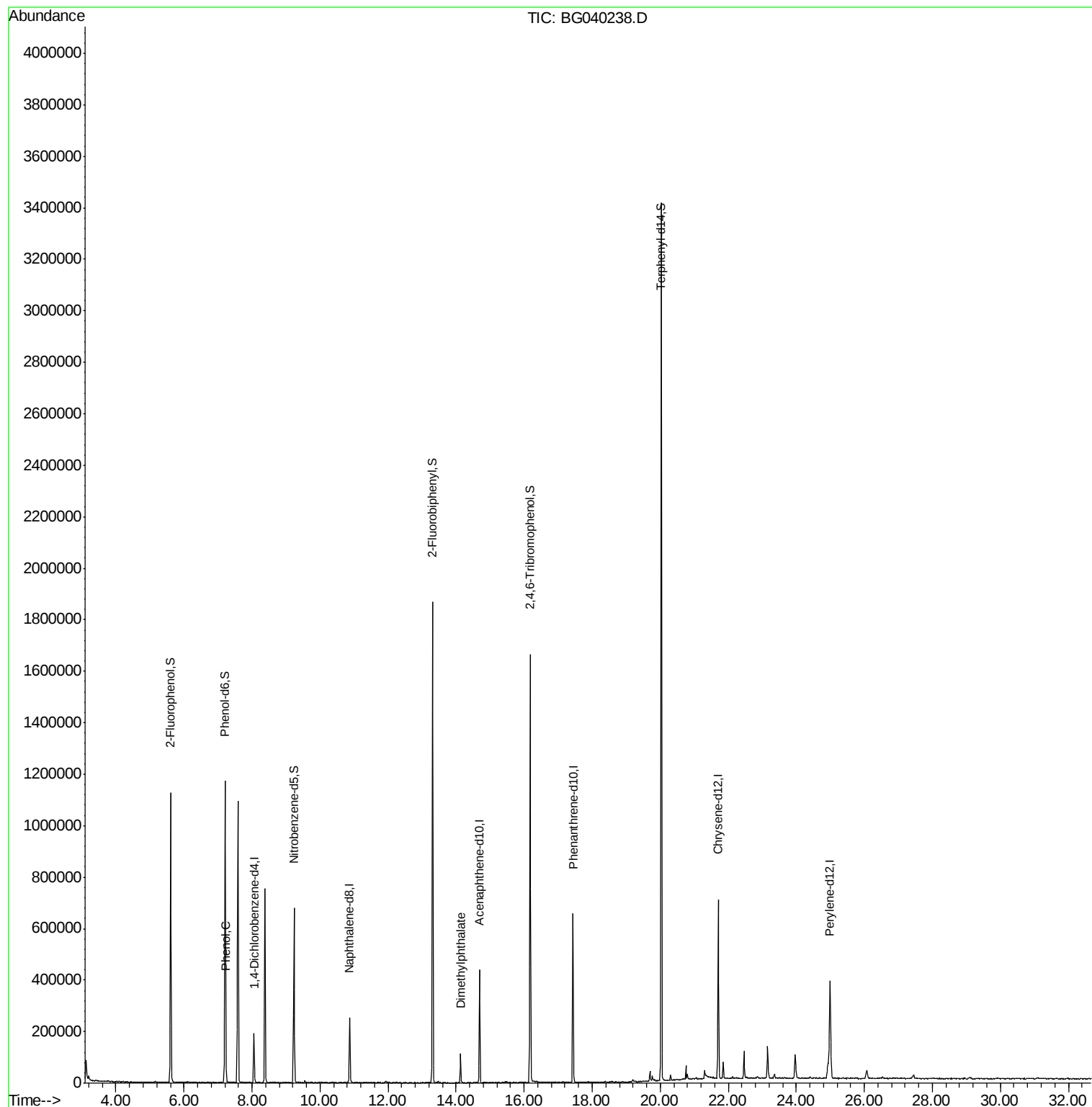
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54559	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	228517	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	158221	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	409429	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	411723	20.00	ng	-0.02
87) Perylene-d12	24.99	264	411926	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	488002	148.69	ng	-0.01
7) Phenol-d6	7.21	99	701620	154.69	ng	-0.01
23) Nitrobenzene-d5	9.23	82	408918	95.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	301995	176.61	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	981334	91.90	ng	-0.01
79) Terphenyl-d14	20.03	244	1534889	83.87	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	17599	3.575	ng	Qvalue 90
50) Dimethylphthalate	14.13	163	75263	6.078	ng	99

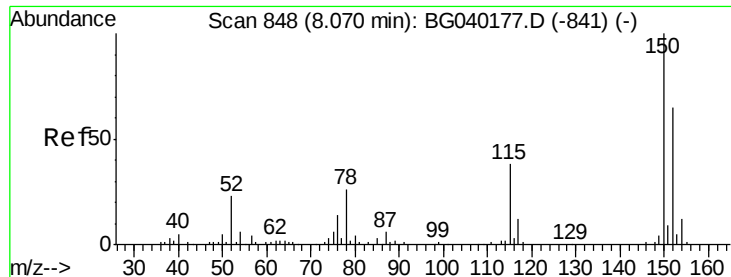
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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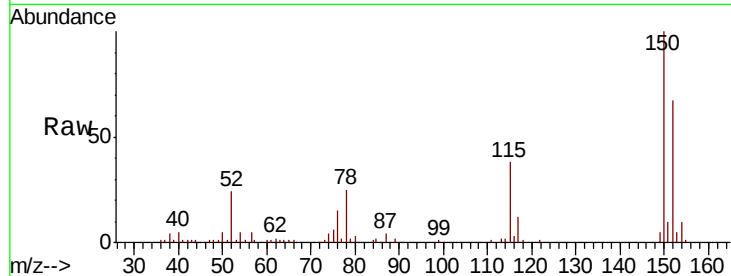


#1

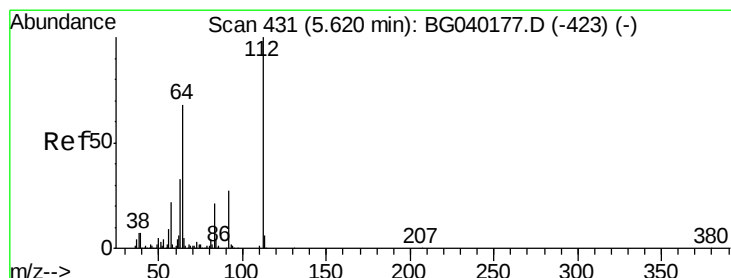
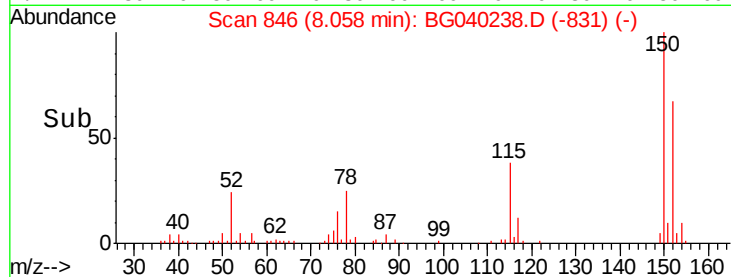
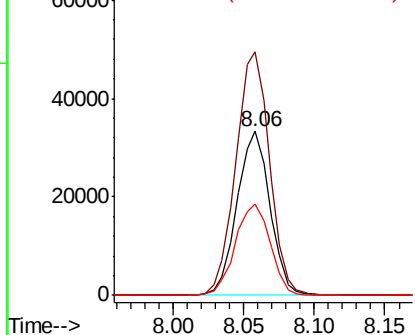
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion:152 Resp: 54559
Ion Ratio Lower Upper
152 100
150 148.5 123.7 185.5
115 55.7 46.9 70.3



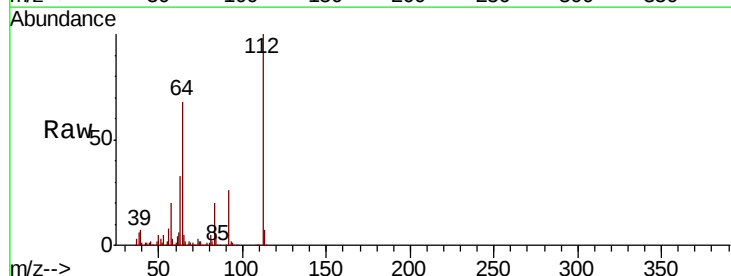
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



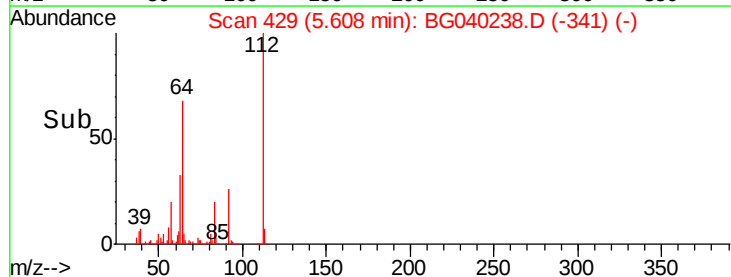
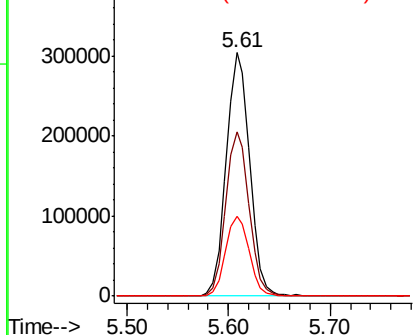
#5

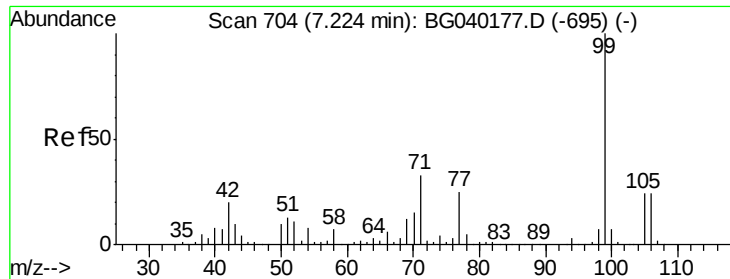
2-Fluorophenol
Concen: 148.694 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:112 Resp: 488002
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.2
63 32.7 26.4 39.6



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: 154.690 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

Instrument :

BNA_G

ClientSampleId :

S6A-S6B(21-25)COMP

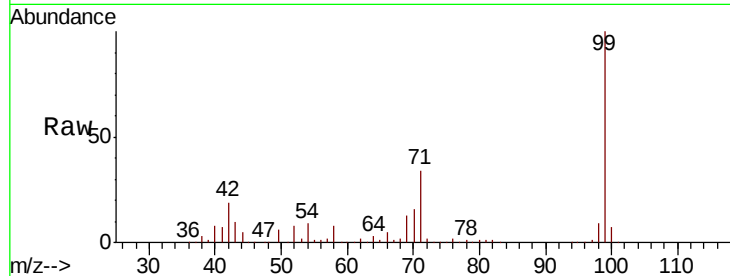
Tgt Ion: 99 Resp: 701620

Ion Ratio Lower Upper

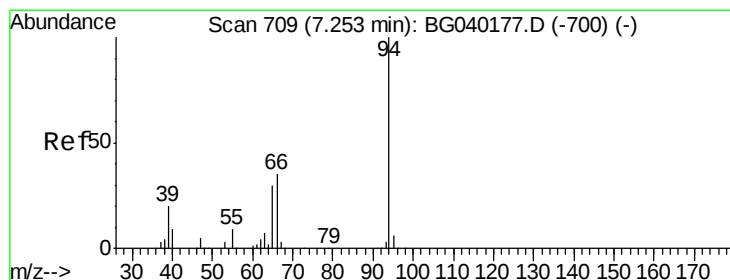
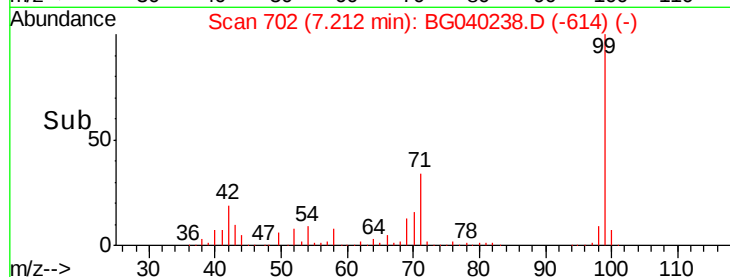
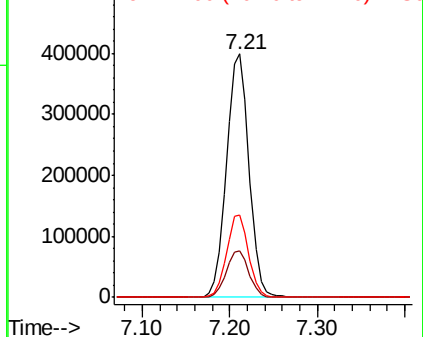
99 100

42 19.0 16.2 24.2

71 34.0 26.8 40.2



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: 3.575 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

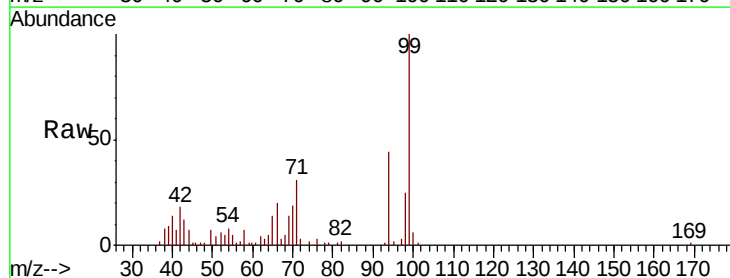
Tgt Ion: 94 Resp: 17599

Ion Ratio Lower Upper

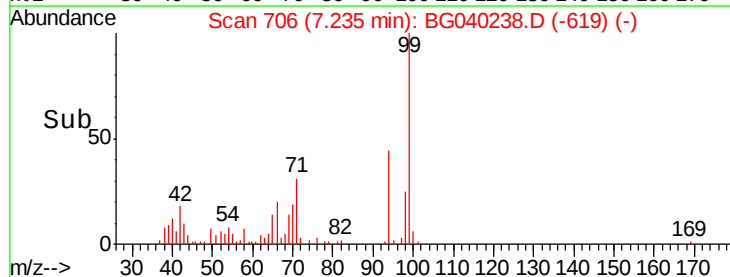
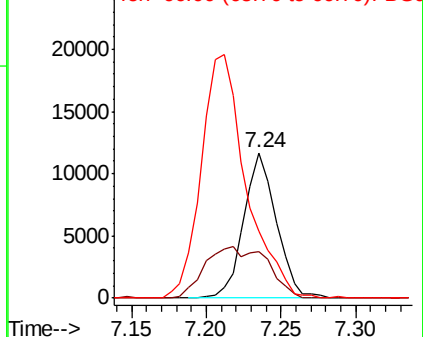
94 100

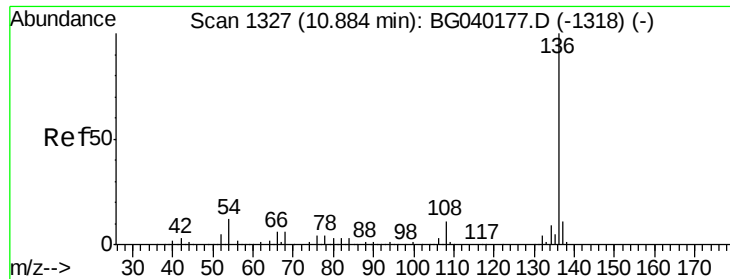
65 32.2 10.5 50.5

66 46.2 16.9 56.9



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

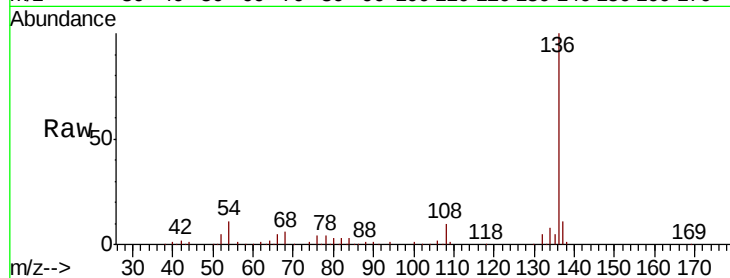




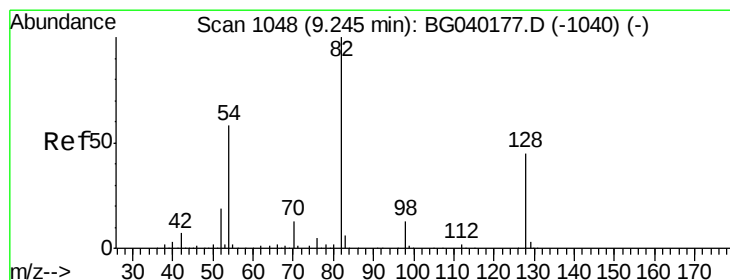
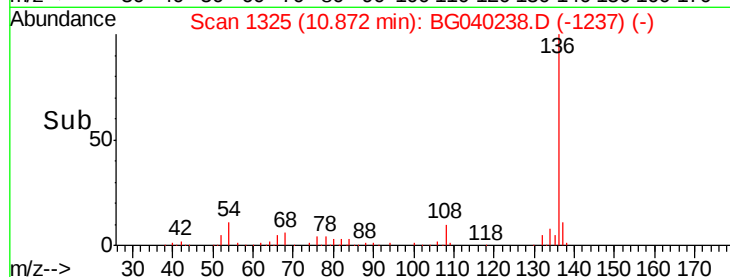
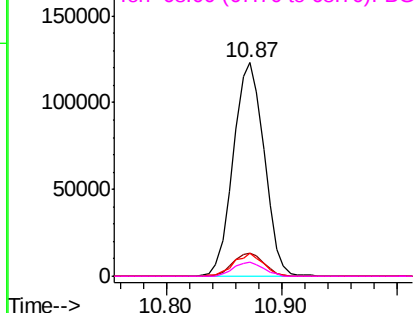
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion:	136	Resp:	228517
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.8	9.6	14.4
68	6.4	5.1	7.7

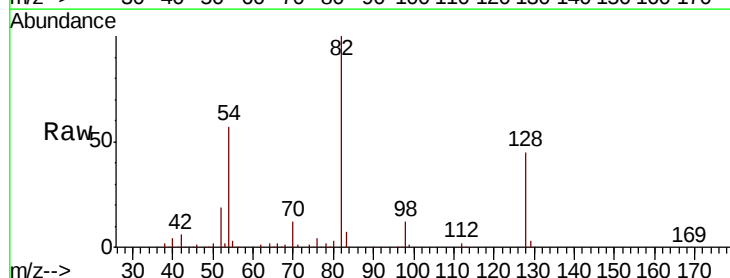


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

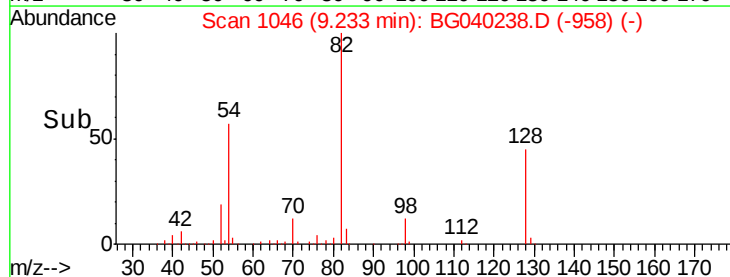
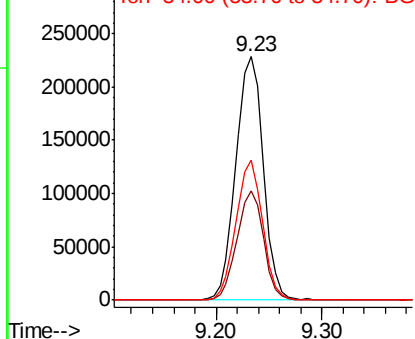


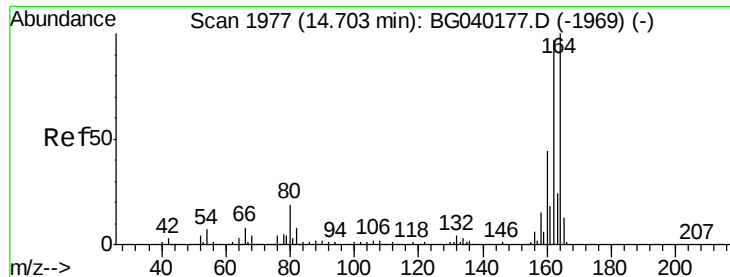
#23
Nitrobenzene-d5
Concen: 95.115 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:	82	Resp:	408918
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.8	53.8
54	57.4	46.2	69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

Instrument :

BNA_G

ClientSampleId :

S6A-S6B(21-25)COMP

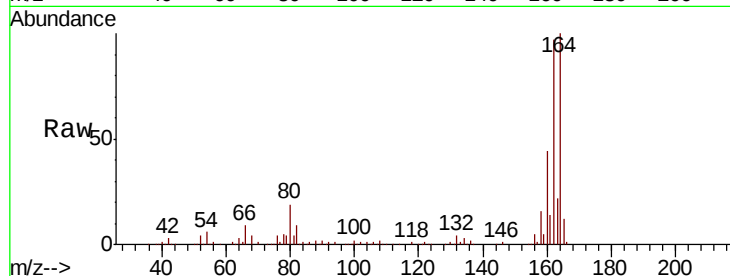
Tgt Ion:164 Resp: 158221

Ion Ratio Lower Upper

164 100

162 96.7 77.4 116.2

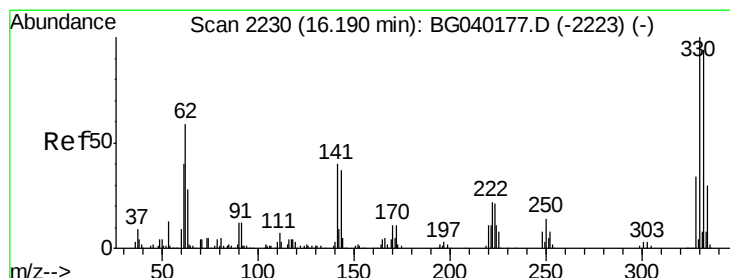
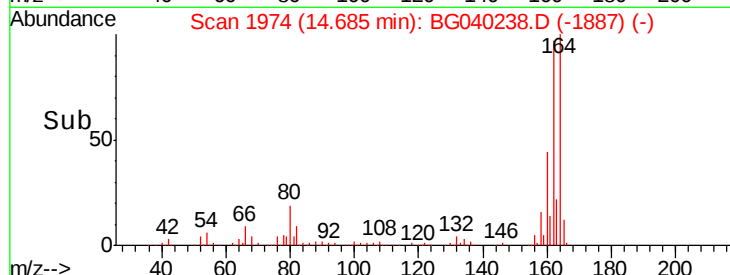
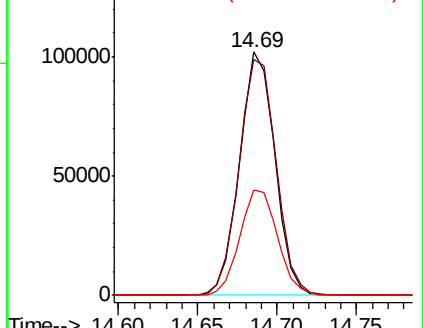
160 43.5 35.3 52.9



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



#42

2,4,6-Tribromophenol

Concen: 176.610 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

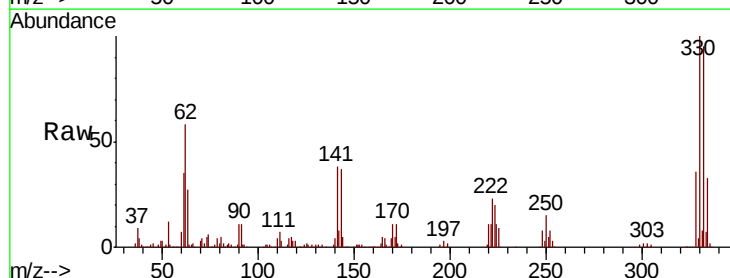
Tgt Ion:330 Resp: 301995

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

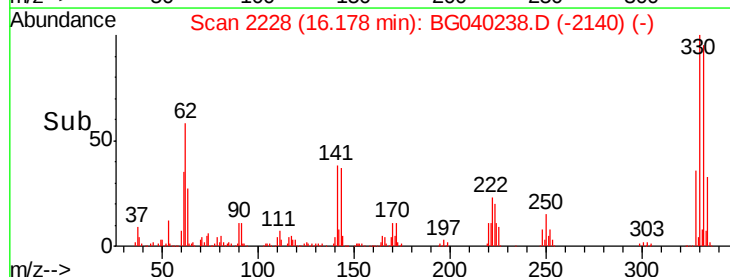
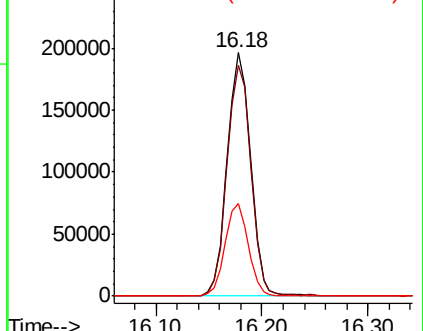
141 37.9 32.6 48.8

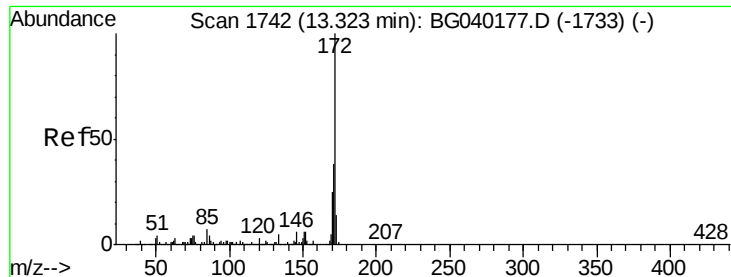


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

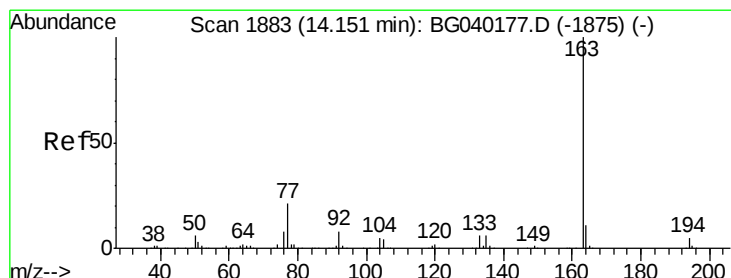
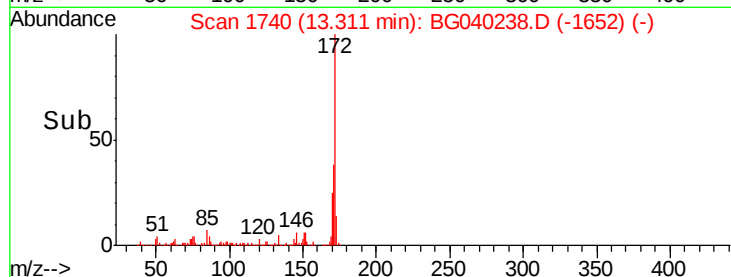
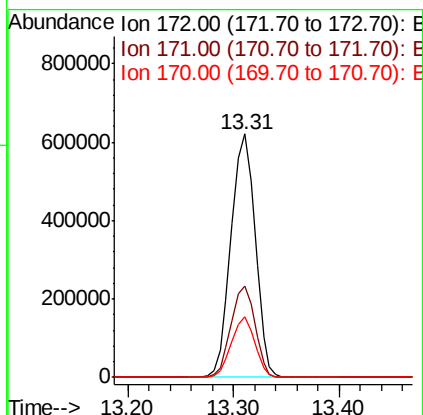
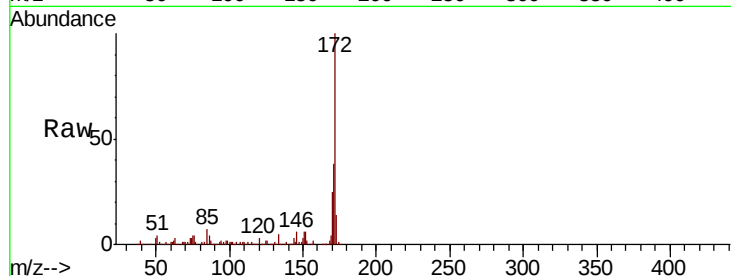




#45
2-Fluorobiphenyl
Concen: 91.903 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

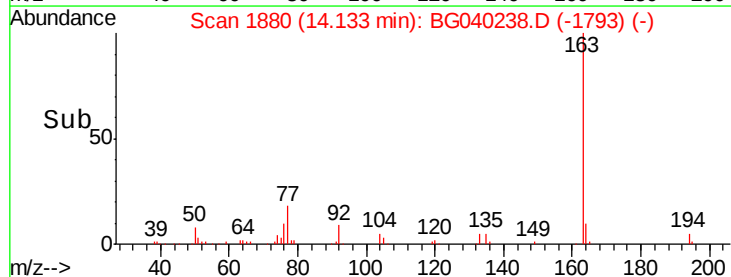
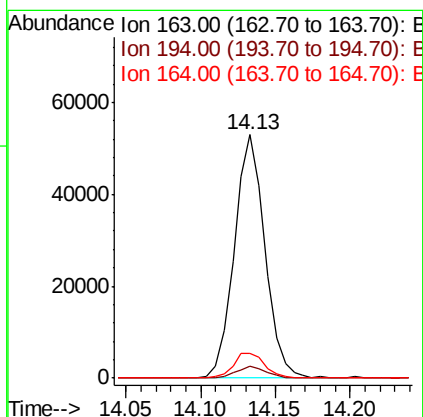
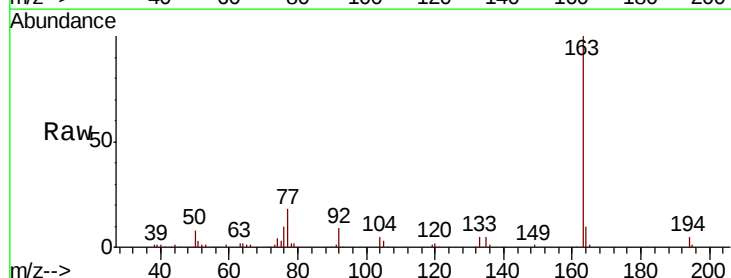
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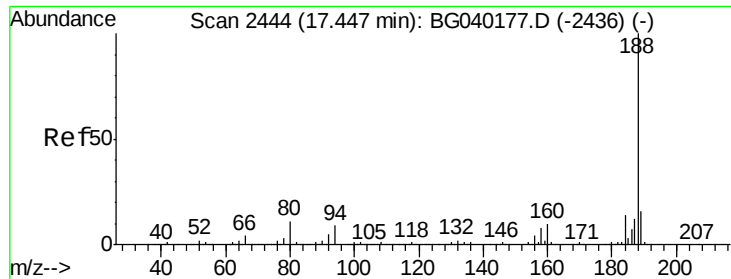
Tgt Ion:172 Resp: 981334
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 25.1 20.1 30.1



#50
Dimethylphthalate
Concen: 6.078 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:163 Resp: 75263
Ion Ratio Lower Upper
163 100
194 5.0 4.1 6.1
164 10.2 8.6 13.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

Instrument :

BNA_G

ClientSampleId :

S6A-S6B(21-25)COMP

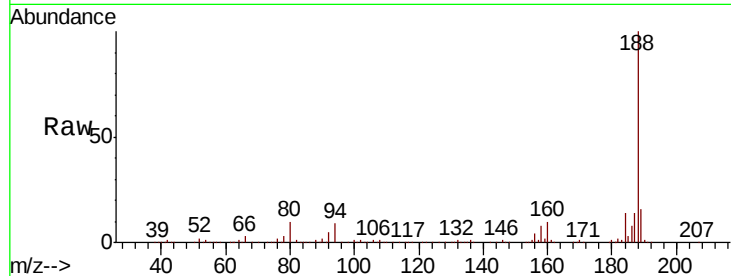
Tgt Ion:188 Resp: 409429

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

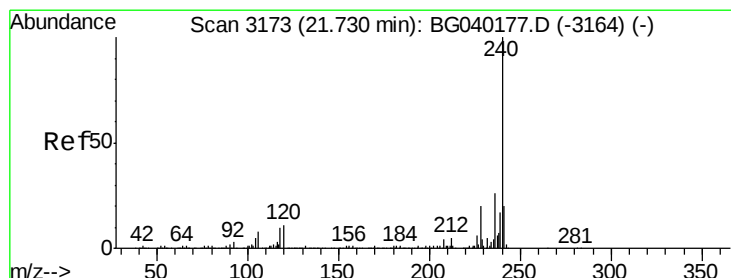
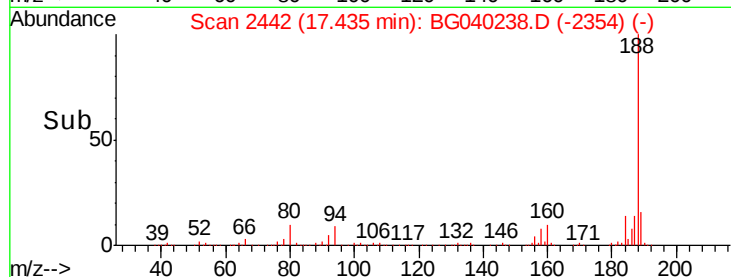
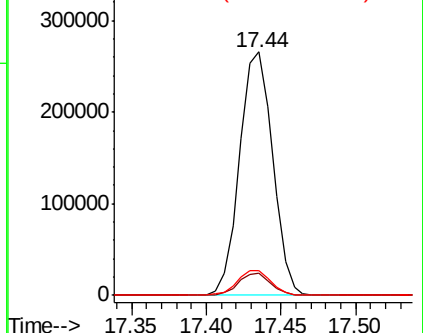
80 10.1 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

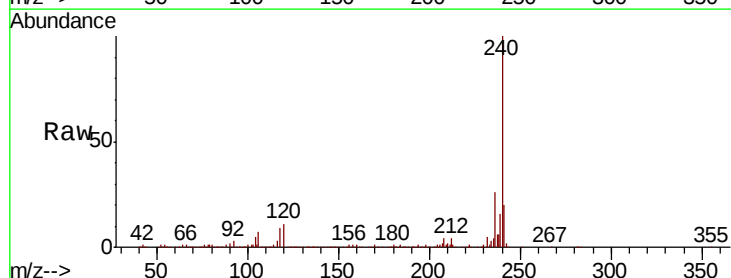
Tgt Ion:240 Resp: 411723

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

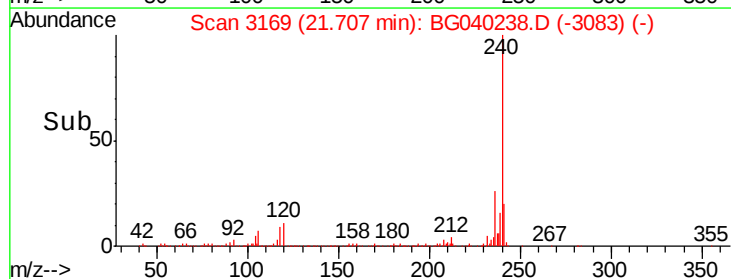
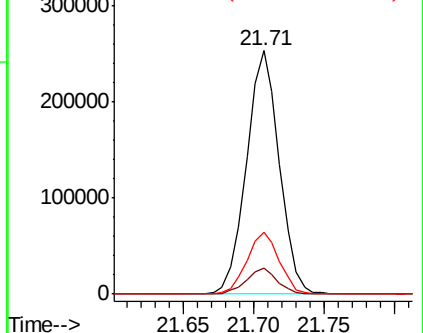
236 25.6 20.8 31.2

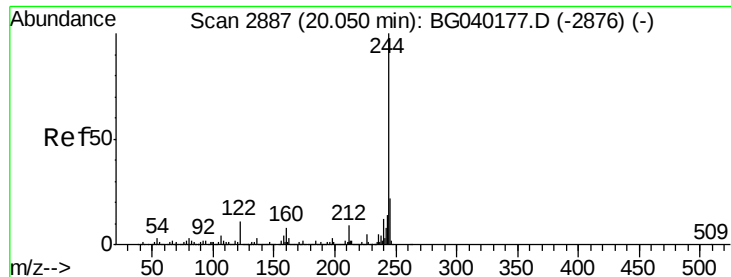


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.866 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

Instrument :

BNA_G

ClientSampleId :

S6A-S6B(21-25)COMP

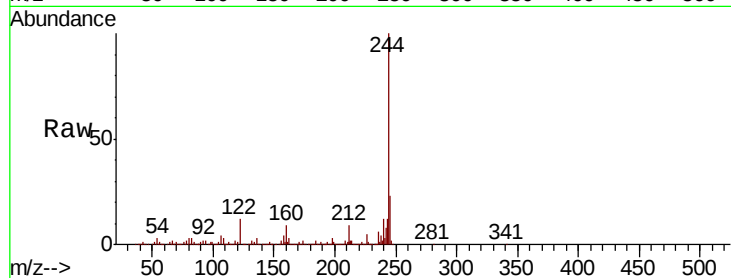
Tgt Ion:244 Resp: 1534889

Ion Ratio Lower Upper

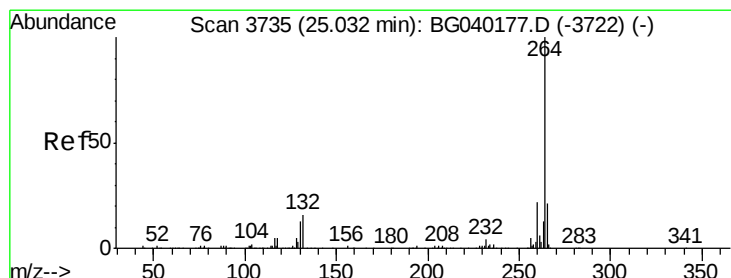
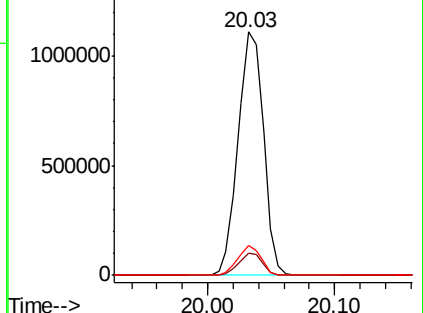
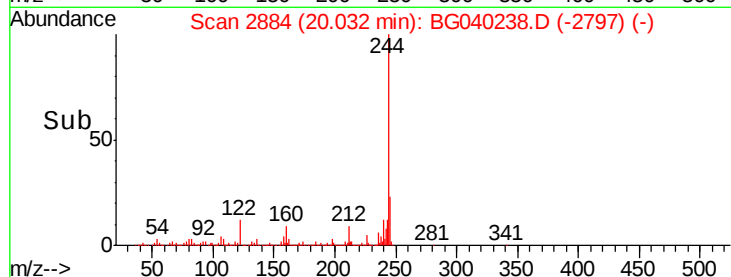
244 100

212 8.9 7.0 10.6

122 12.1 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E
1500000 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: 24.99 min Scan# 3728

Delta R.T. -0.04 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

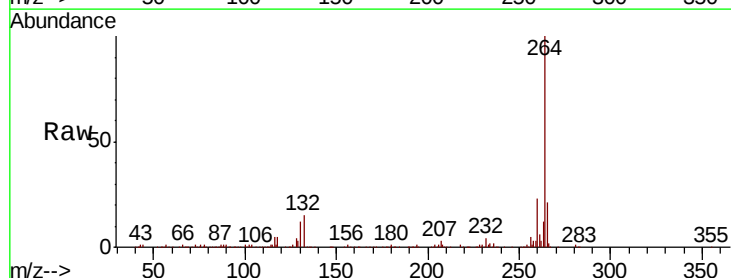
Tgt Ion:264 Resp: 411926

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

265 21.0 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

