

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037266.D
 Acq On : 11 Oct 2018 20:37
 Operator : JU/SJ
 Sample : J5302-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-TW-1-(16.5-17)

Quant Time: Oct 12 07:06:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

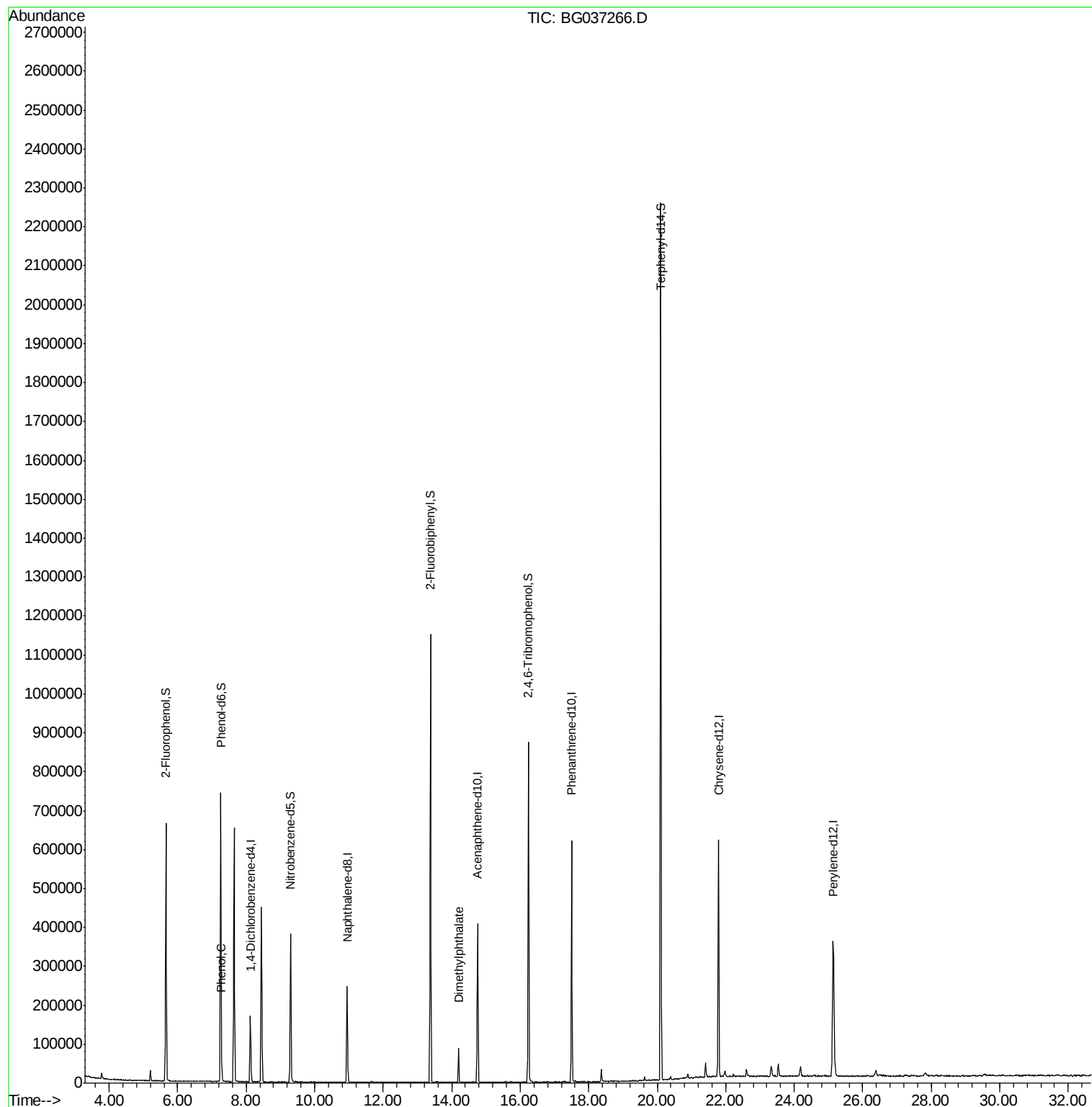
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	49958	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	218403	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	147526	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	385319	20.00	ng	0.00
76) Chrysene-d12	21.79	240	382622	20.00	ng	-0.01
87) Perylene-d12	25.14	264	383566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	305543	107.64	ng	0.00
7) Phenol-d6	7.26	99	448344	104.06	ng	0.00
23) Nitrobenzene-d5	9.29	82	232946	70.12	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	153637	106.19	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	613075	62.41	ng	0.00
79) Terphenyl-d14	20.11	244	1111729	61.01	ng	0.00
Target Compounds						
10) Phenol	7.28	94	12900	2.843	ng	91
50) Dimethylphthalate	14.20	163	59838	5.161	ng	# 96

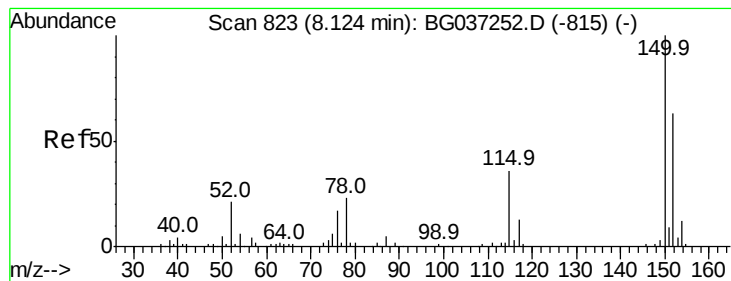
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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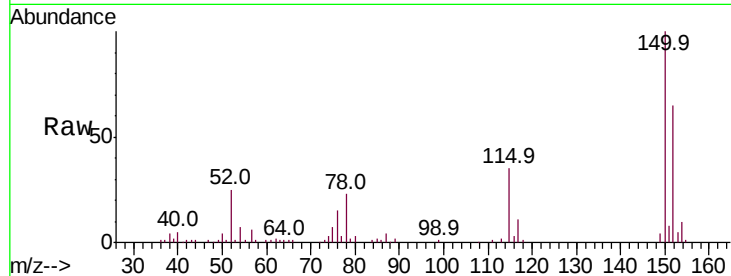


#1

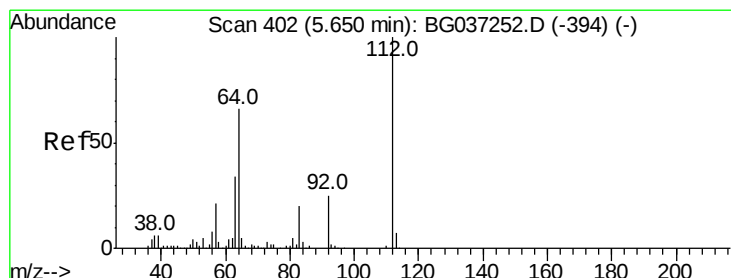
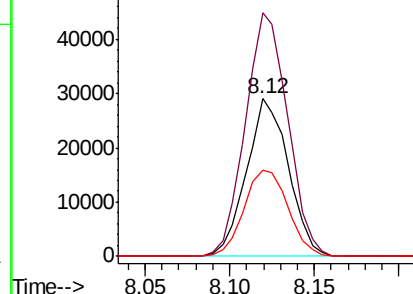
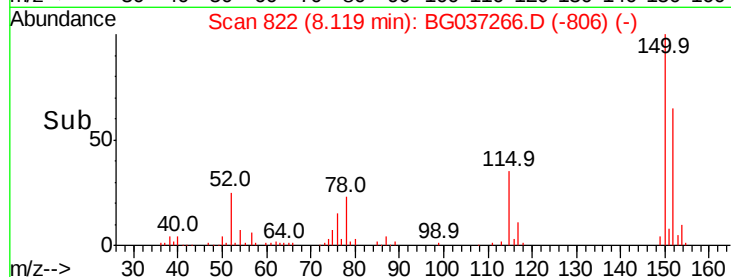
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Instrument :
BNA_G
ClientSampleId :
SB-TW-1-(16.5-17)

Tot Ion:152 Resp: 49958
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 54.8 45.5 68.3



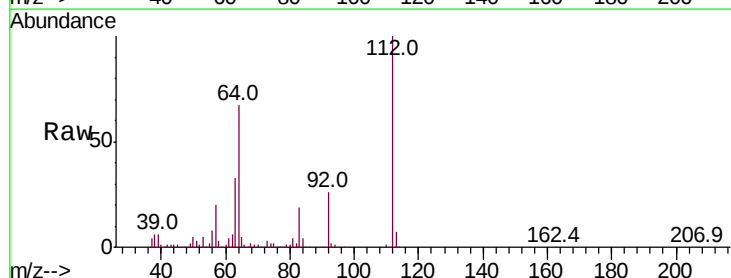
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



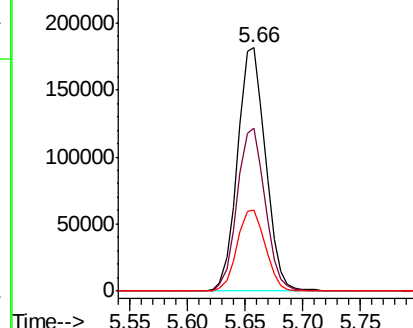
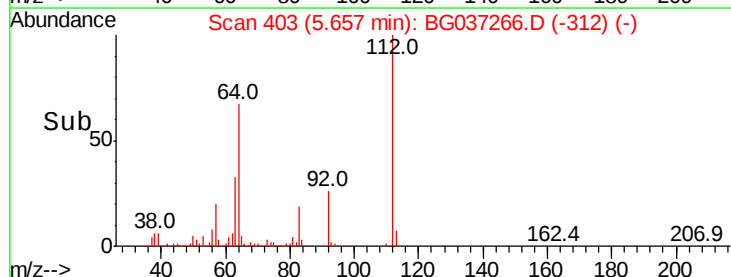
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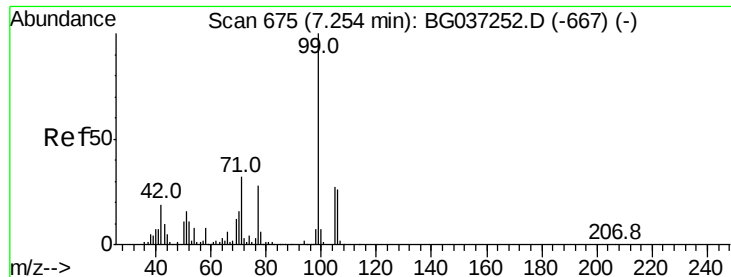
2-Fluorophenol
Concen: 107.636 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Tgt Ion:112 Resp: 305543
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 33.3 27.3 40.9



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: 104.057 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-TW-1-(16.5-17)

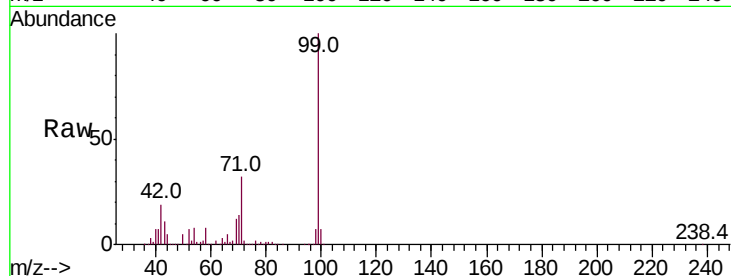
Tot Ion: 99 Resp: 448344

Ion Ratio Lower Upper

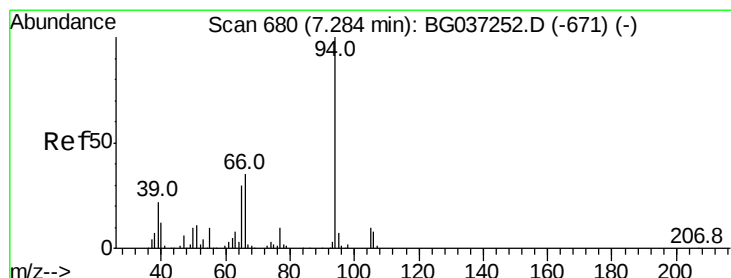
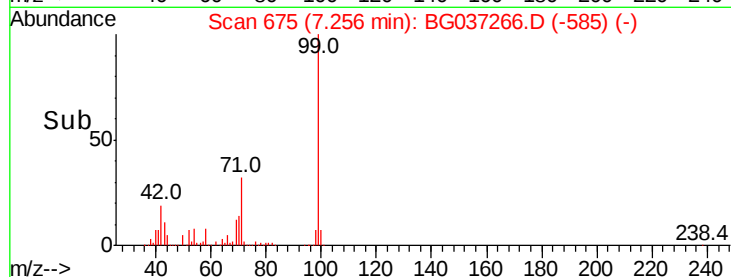
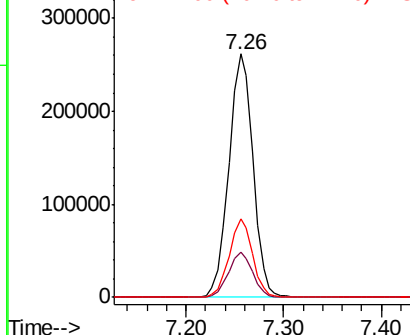
99 100

42 18.8 15.0 22.4

71 32.3 25.5 38.3



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: 2.843 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

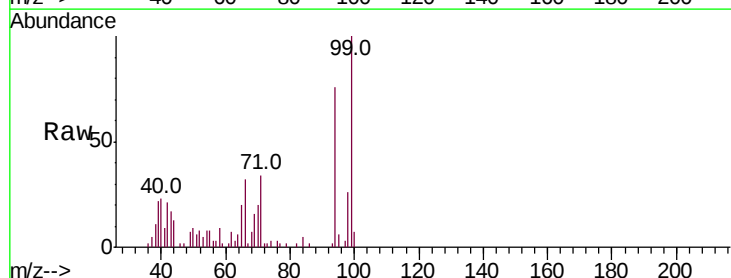
Tgt Ion: 94 Resp: 12900

Ion Ratio Lower Upper

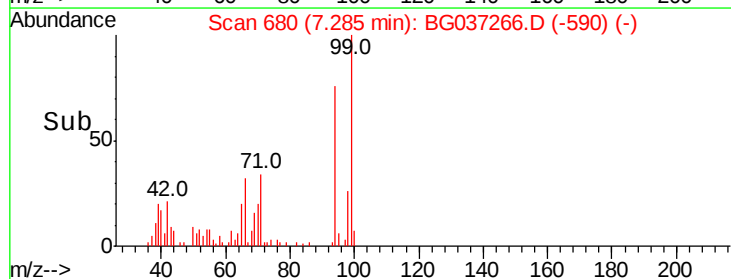
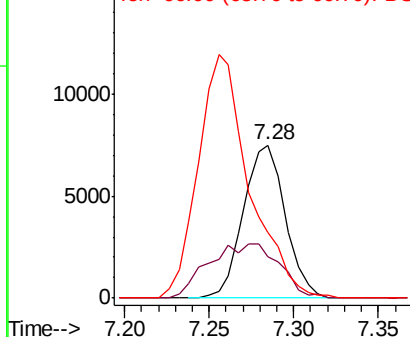
94 100

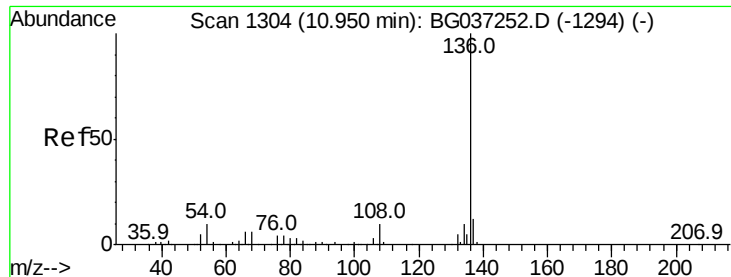
65 26.7 9.7 49.7

66 42.8 15.9 55.9



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

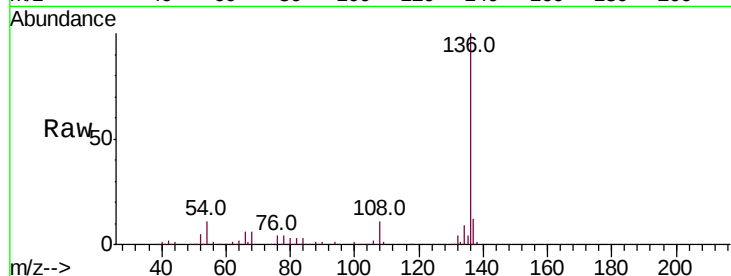




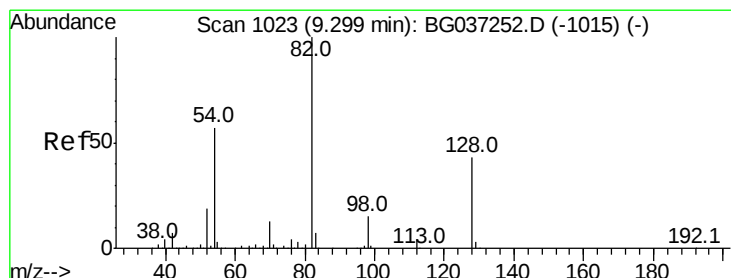
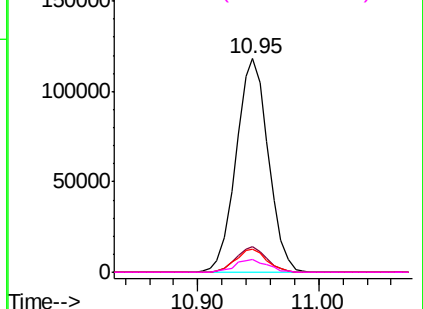
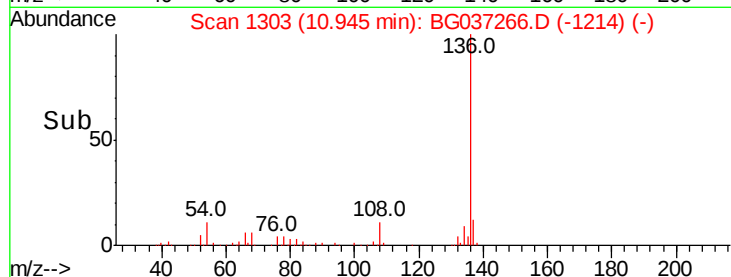
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Instrument :
BNA_G
ClientSampleId :
SB-TW-1-(16.5-17)

Tot Ion:136	Resp:	218403	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.6	14.4	
54 11.0	7.9	11.9	
68 6.3	4.8	7.2	

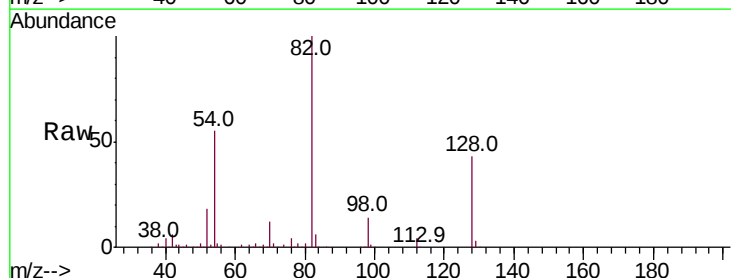


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

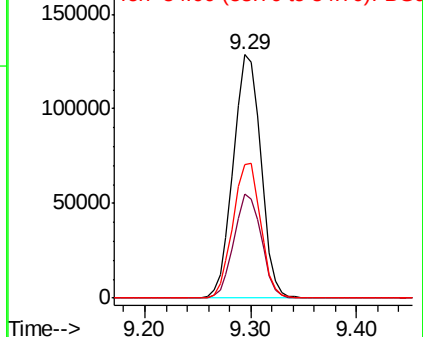
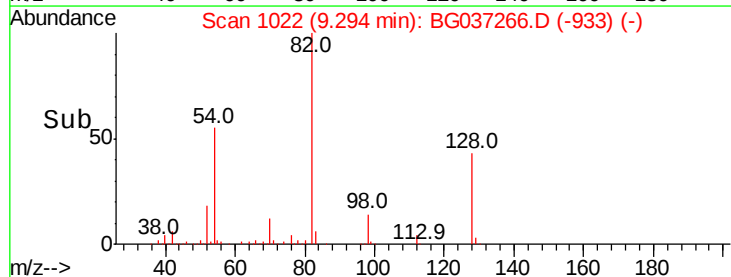


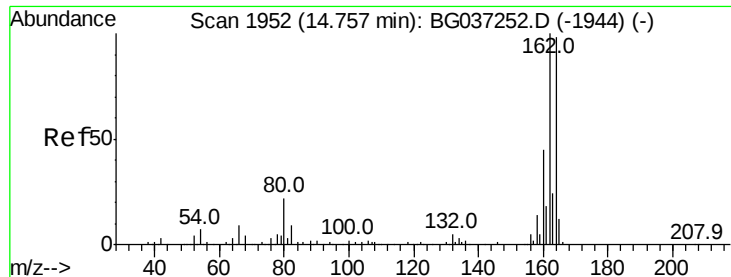
#23
Nitrobenzene-d5
Concen: 70.123 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Tgt Ion: 82	Resp: 232946
Ion Ratio	Lower Upper
82 100	
128 42.6	34.6 51.8
54 54.9	45.3 67.9



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: 14.75 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-TW-1-(16.5-17)

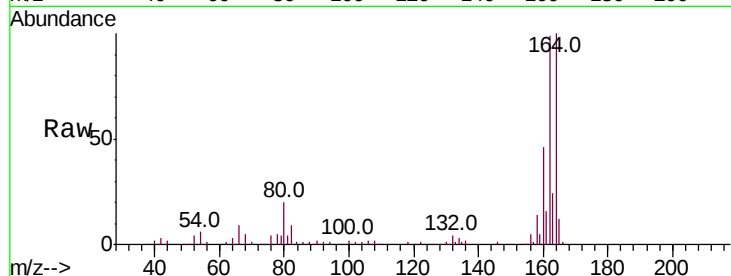
Tot Ion:164 Resp: 147526

Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

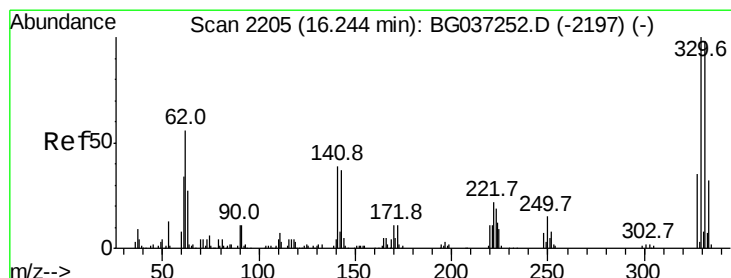
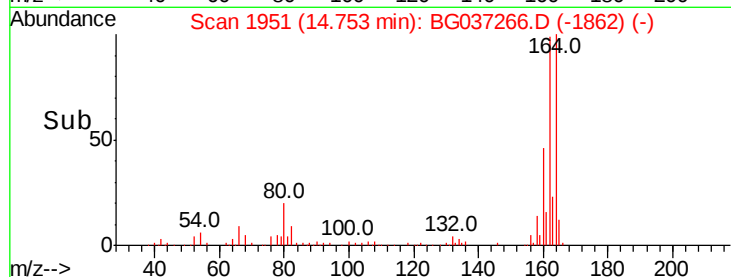
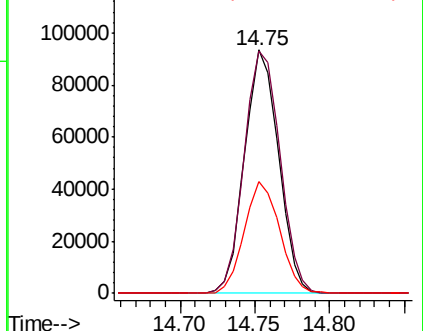
160 46.0 36.3 54.5



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: 106.190 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

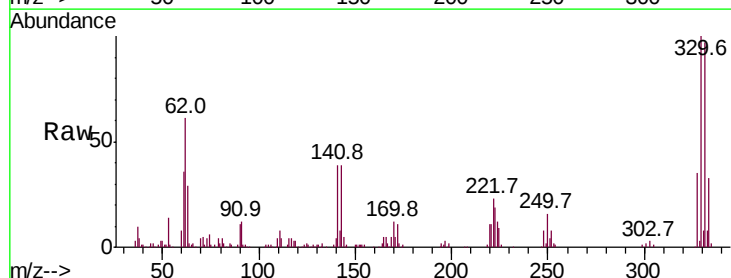
Tgt Ion:330 Resp: 153637

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

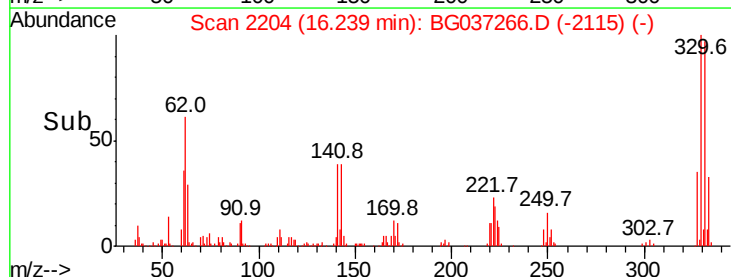
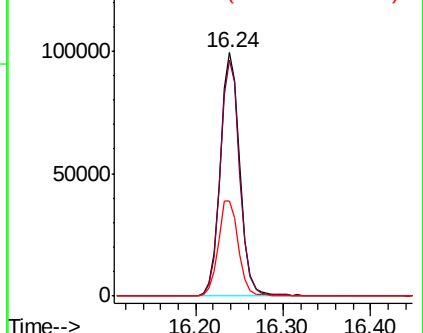
141 40.2 32.2 48.2

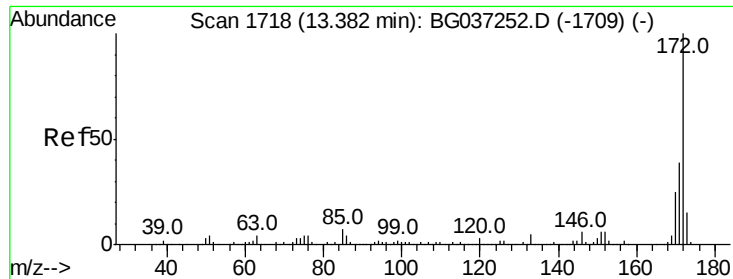


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 62.409 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-TW-1-(16.5-17)

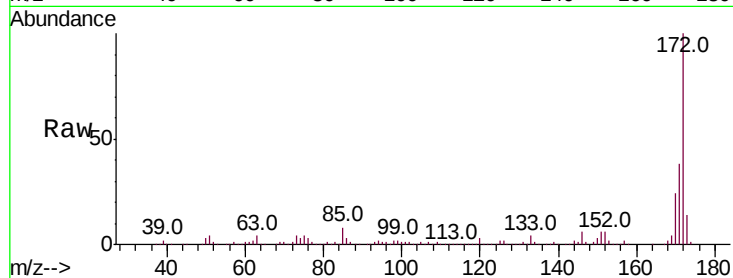
Tot Ion:172 Resp: 613075

Ion Ratio Lower Upper

172 100

171 38.2 31.0 46.4

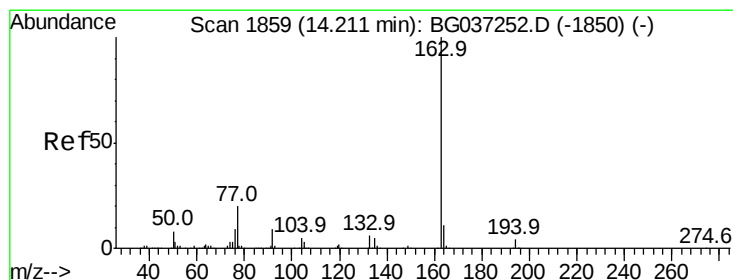
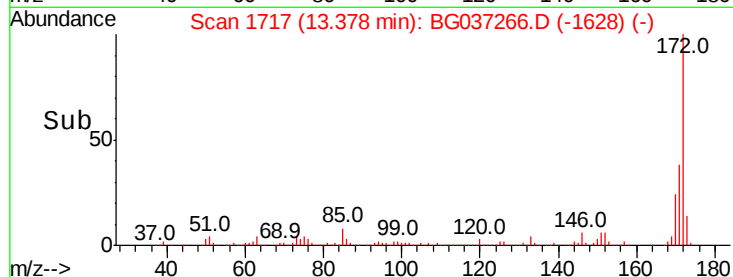
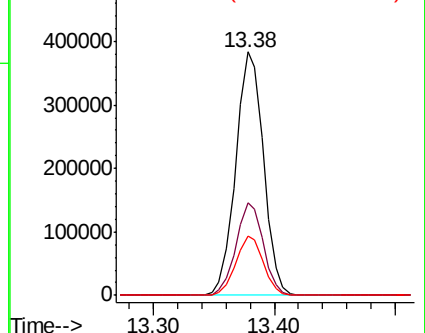
170 24.1 20.2 30.2



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: 5.161 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

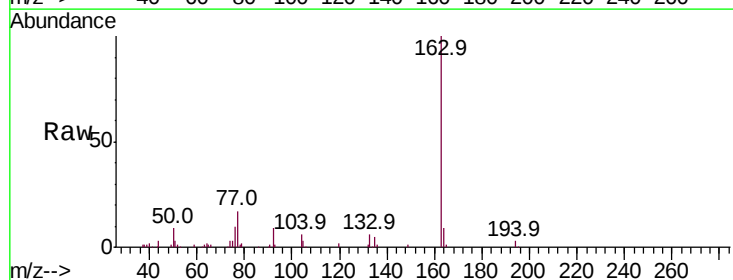
Tgt Ion:163 Resp: 59838

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3#

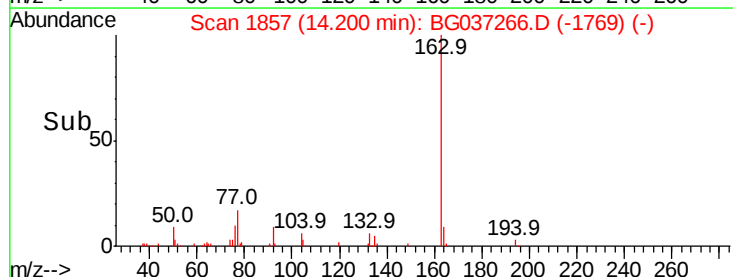
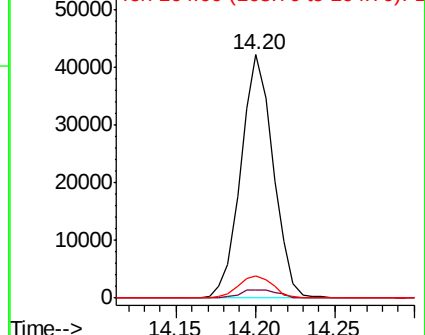
164 8.9 8.5 12.7

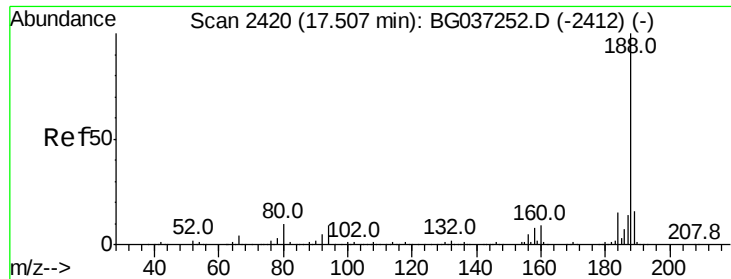


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

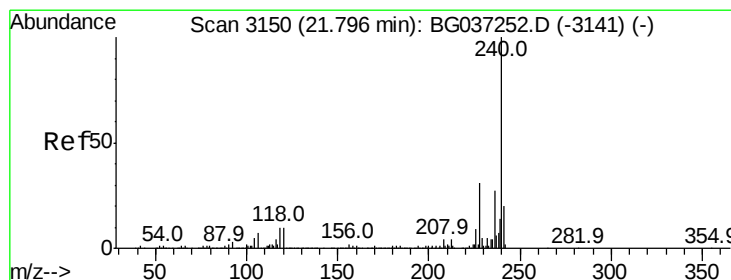
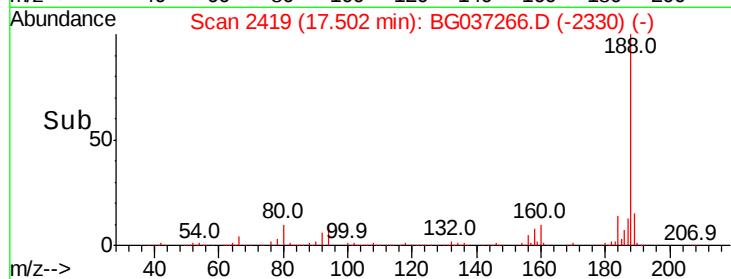
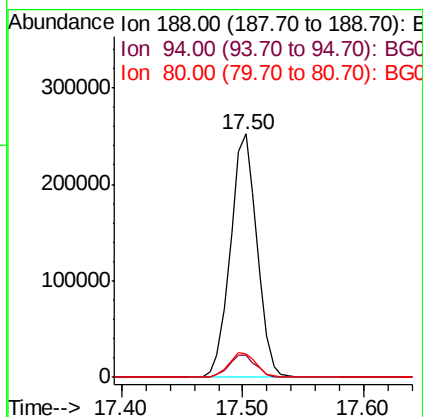
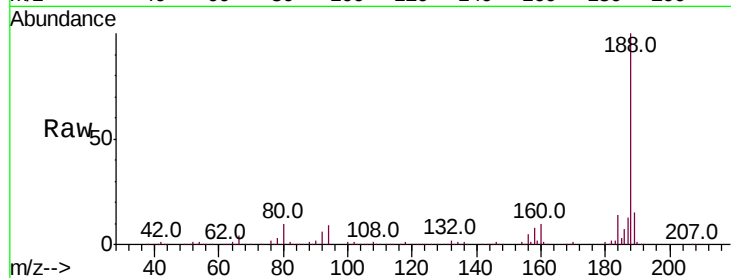




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

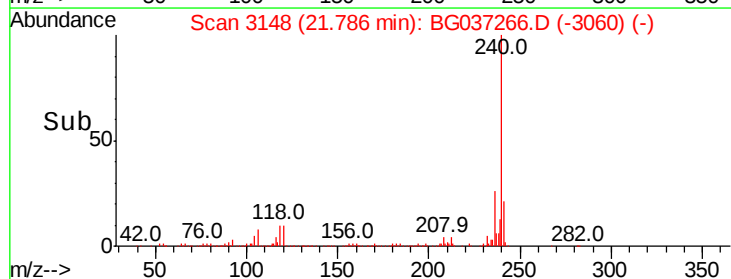
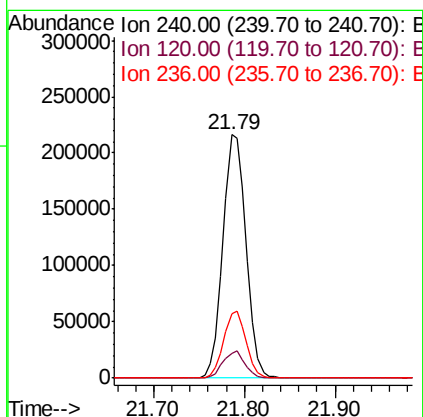
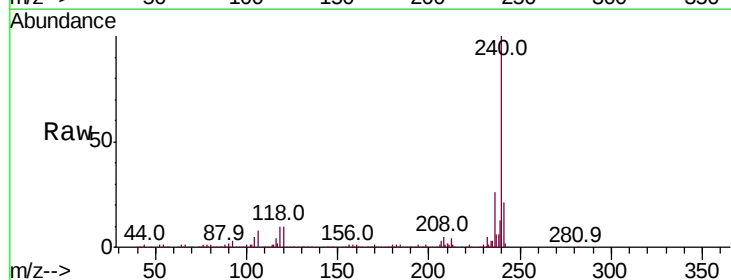
Instrument :
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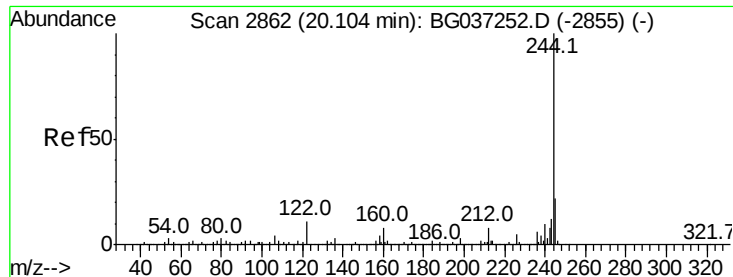
Tot Ion:188 Resp: 385319
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037266.D
Acq: 11 Oct 2018 20:37

Tgt Ion:240 Resp: 382622
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.4 21.4 32.0





#79

Terphenyl-d14

Concen: 61.009 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Instrument :

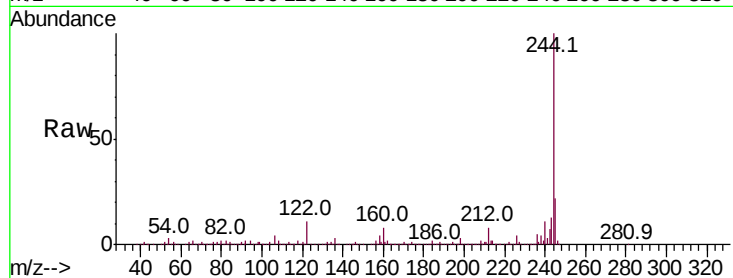
BNA_G

ClientSampleId :

SB-TW-1-(16.5-17)

Tot Ion:244 Resp: 1111729

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.9	9.0	13.4

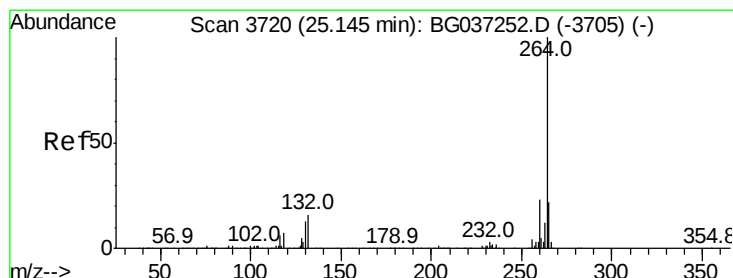
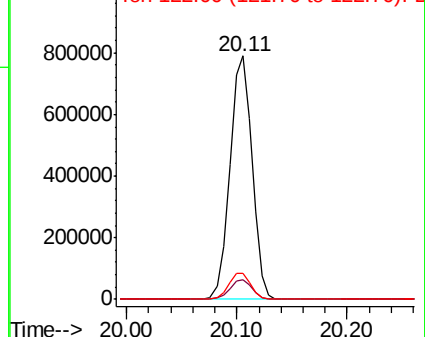
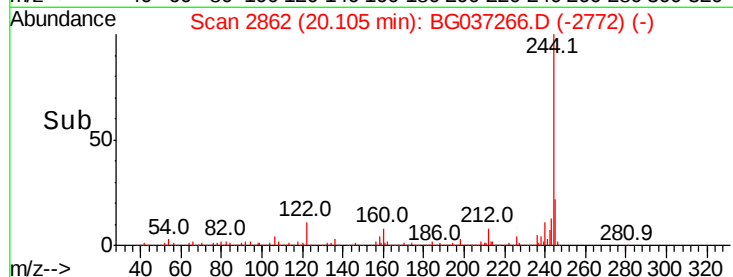


Abundance

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: 25.14 min Scan# 3719

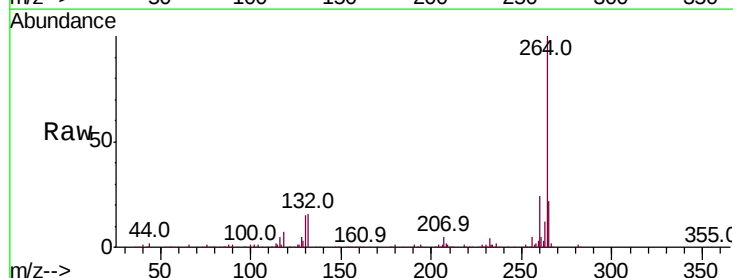
Delta R.T. -0.00 min

Lab File: BG037266.D

Acq: 11 Oct 2018 20:37

Tgt Ion:264 Resp: 383566

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.4	17.9	26.9



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

