

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037495.D
 Acq On : 24 Oct 2018 4:25
 Operator : JU/SJ
 Sample : J5603-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104

Quant Time: Oct 24 08:49:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

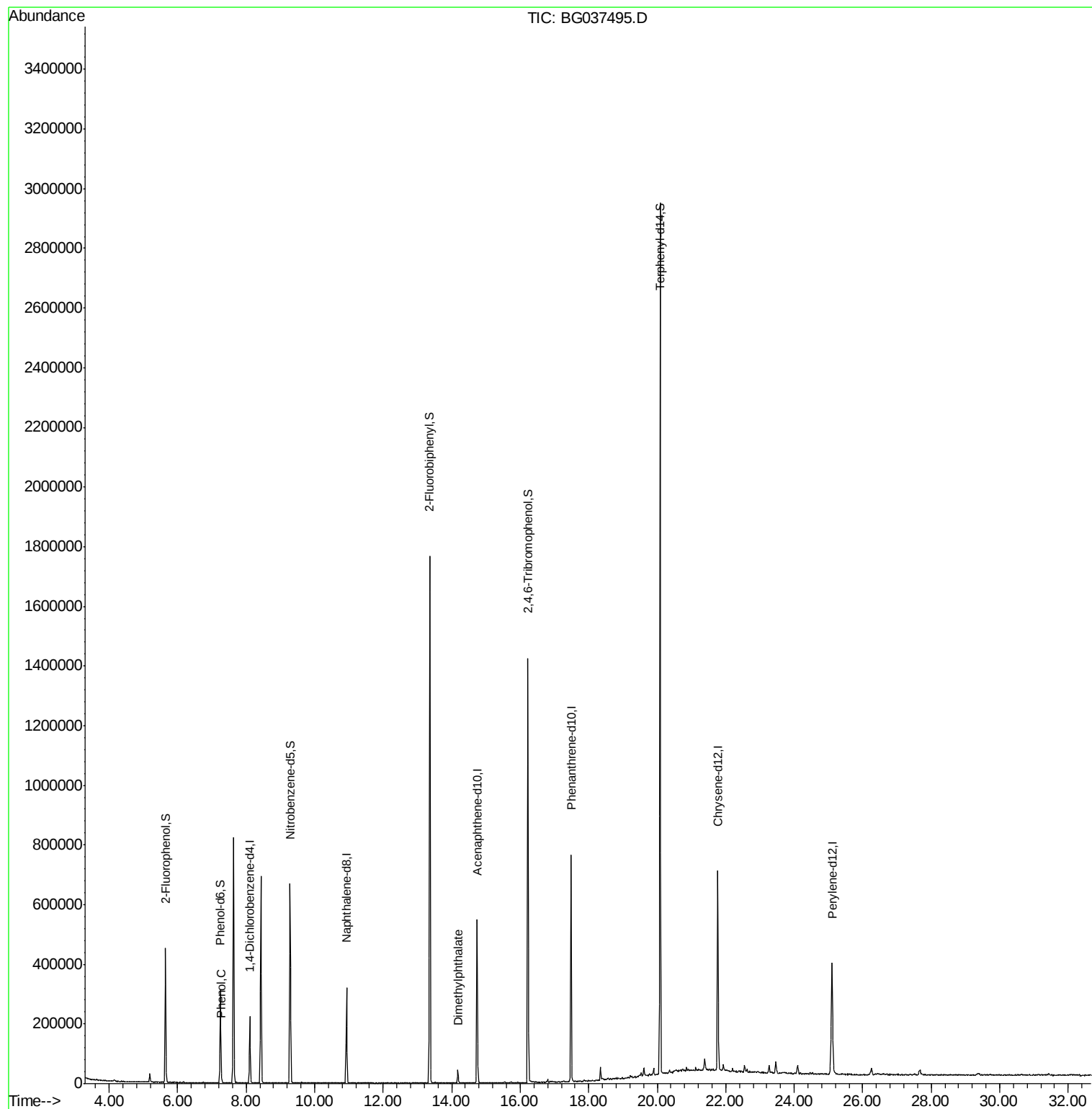
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67023	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	295288	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	199512	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	463710	20.00	ng	0.00
76) Chrysene-d12	21.77	240	414140	20.00	ng	0.00
87) Perylene-d12	25.11	264	423277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	212410	52.98	ng	0.00
7) Phenol-d6	7.24	99	194474	32.08	ng	0.00
23) Nitrobenzene-d5	9.28	82	413574	78.46	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	255434	117.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	971686	73.44	ng	0.00
79) Terphenyl-d14	20.09	244	1431062	73.84	ng	0.00
Target Compounds						
10) Phenol	7.27	94	19054	2.979	ng	94
50) Dimethylphthalate	14.18	163	31979	2.072	ng	98

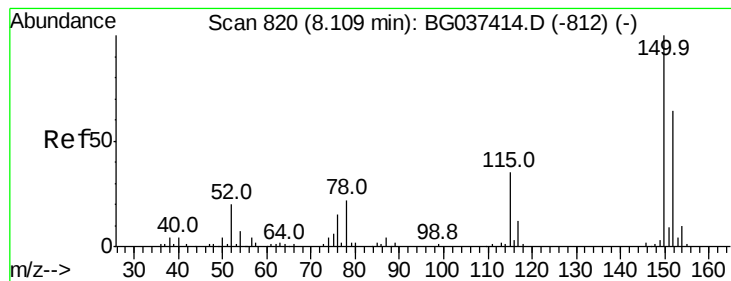
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

Instrument :

BNA_G

ClientSampleId :

RAV-GT104

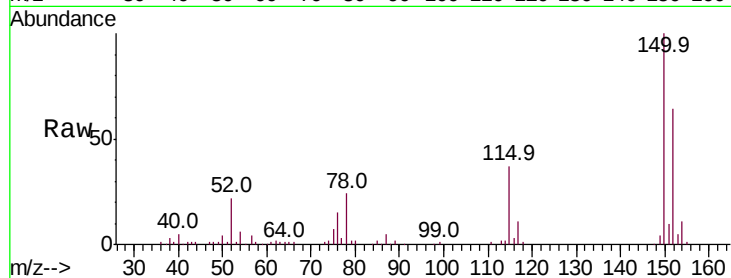
Tot Ion:152 Resp: 67023

Ion Ratio Lower Upper

152 100

150 155.2 126.0 189.0

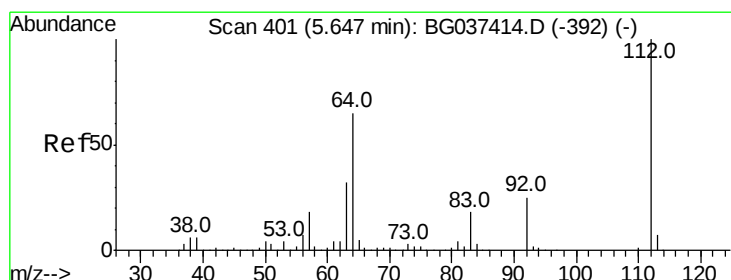
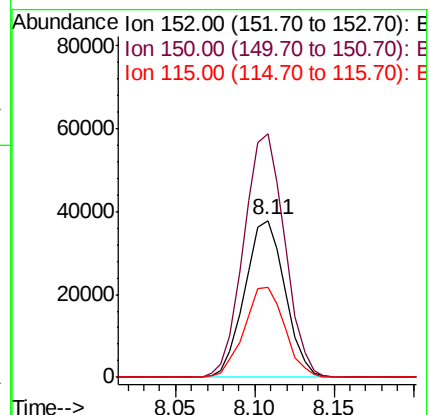
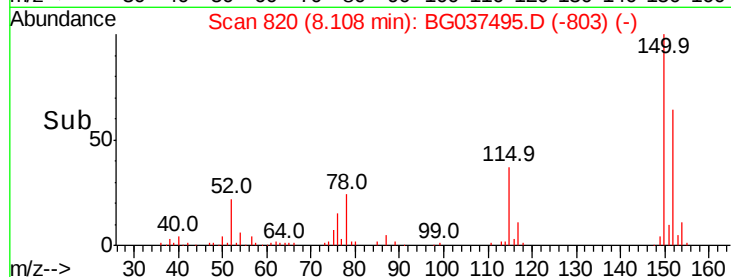
115 57.6 45.5 68.3



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



#5

2-Fluorophenol

Concen: 52.985 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

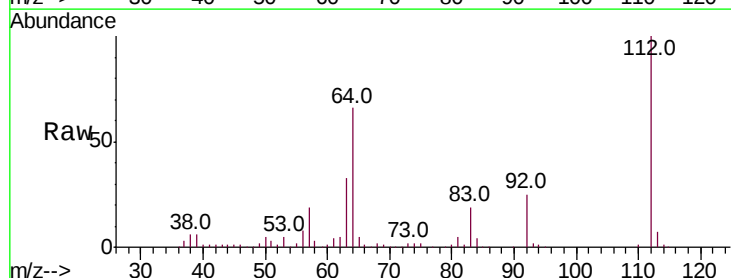
Tgt Ion:112 Resp: 212410

Ion Ratio Lower Upper

112 100

64 65.9 53.1 79.7

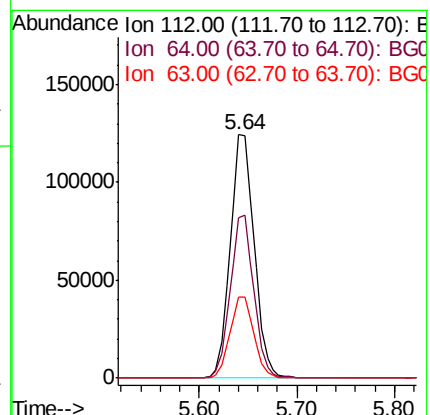
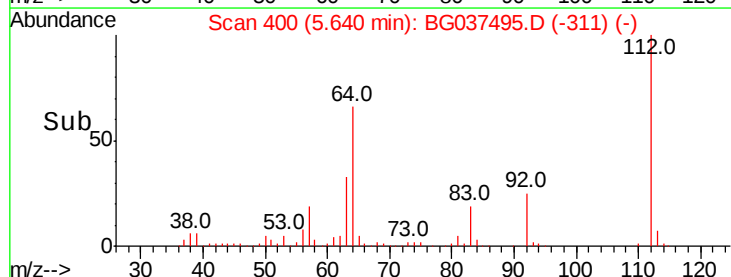
63 33.0 27.3 40.9

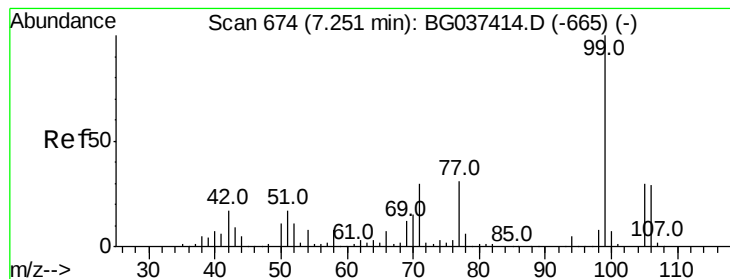


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 32.081 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

Instrument :

BNA_G

ClientSampleId :

RAV-GT104

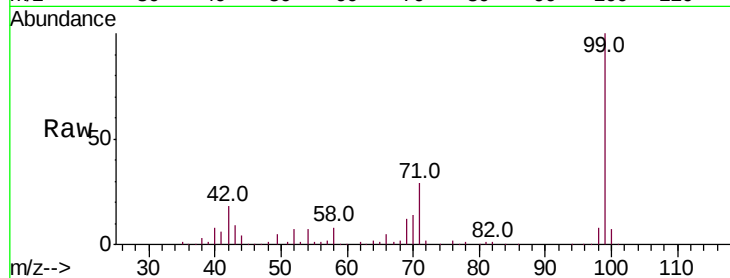
Tot Ion: 99 Resp: 194474

Ion Ratio Lower Upper

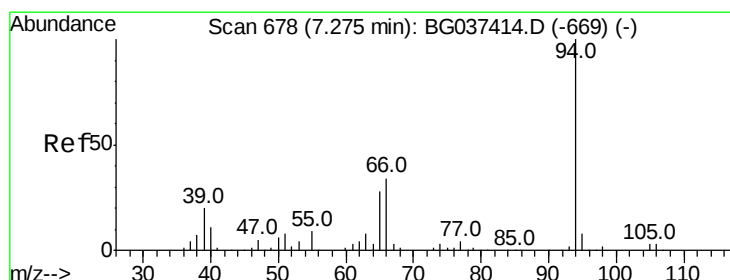
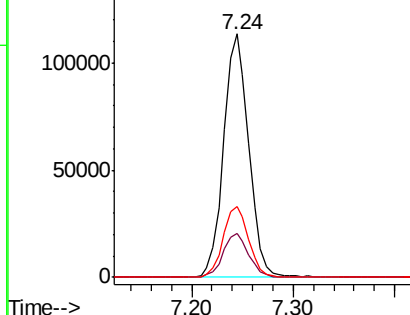
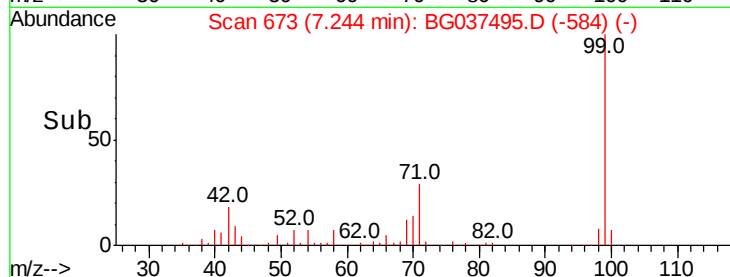
99 100

42 17.8 15.0 22.4

71 29.2 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: 2.979 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

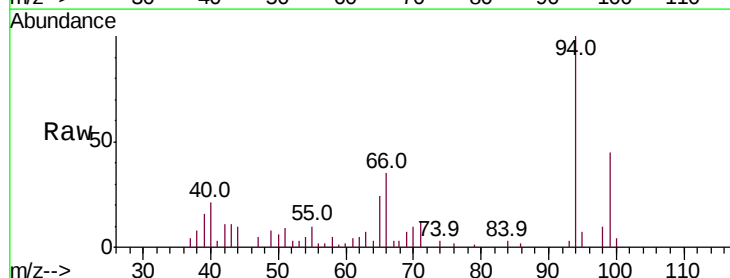
Tgt Ion: 94 Resp: 19054

Ion Ratio Lower Upper

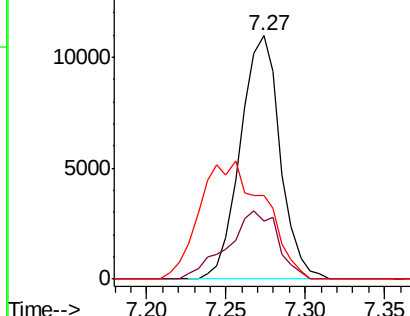
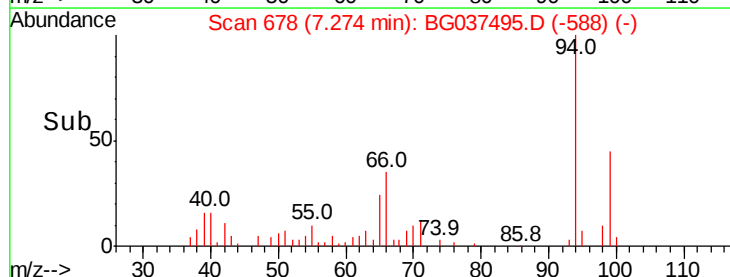
94 100

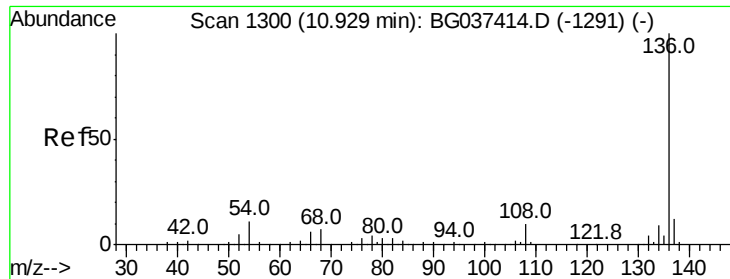
65 23.7 9.7 49.7

66 34.6 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

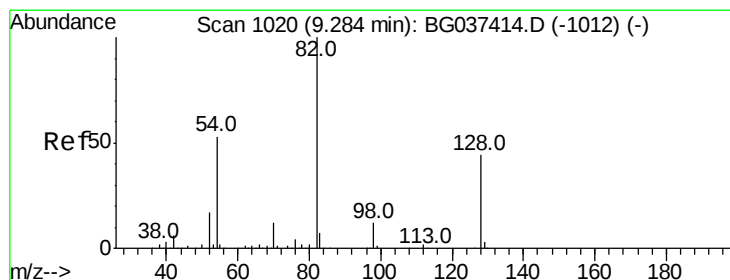
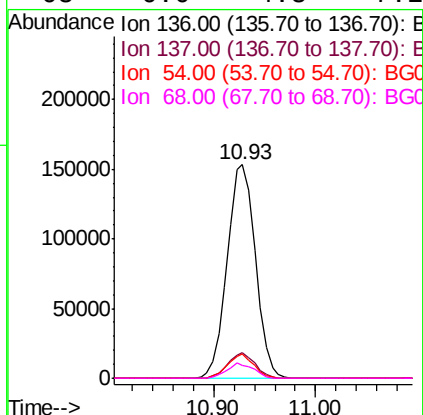
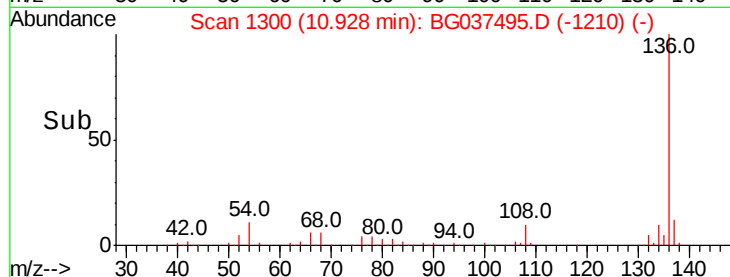
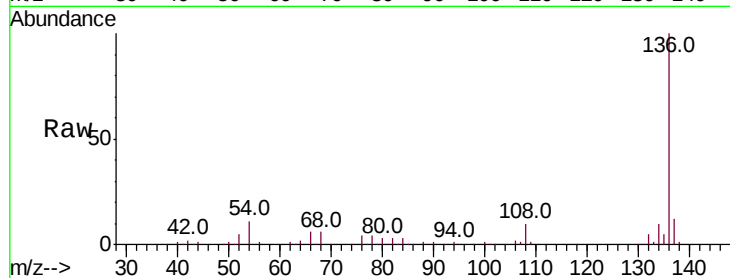




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

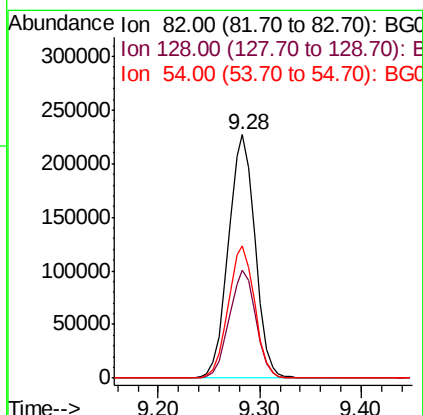
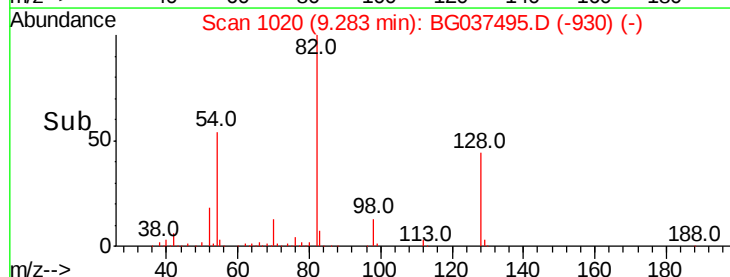
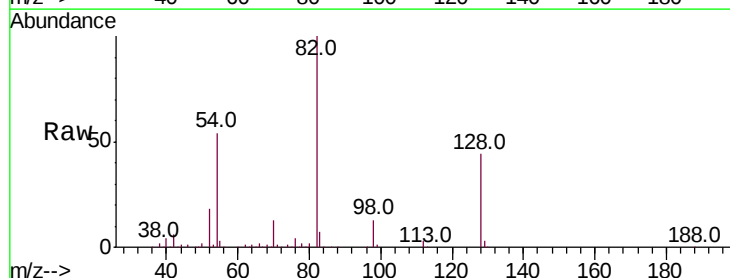
Instrument :
BNA_G
ClientSampleId :
RAV-GT104

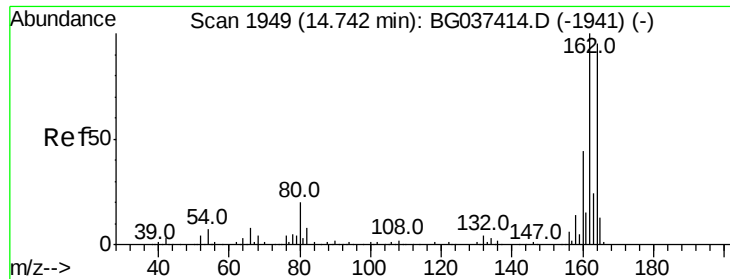
Tot Ion:	136	Resp:	295288
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	11.1	7.9	11.9
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 78.459 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

Tgt Ion:	82	Resp:	413574
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	54.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

Instrument :

BNA_G

ClientSampleId :

RAV-GT104

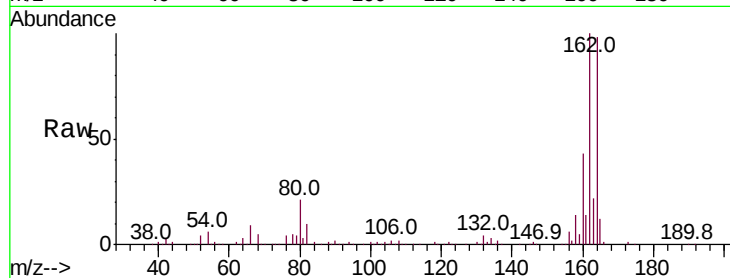
Tot Ion:164 Resp: 199512

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

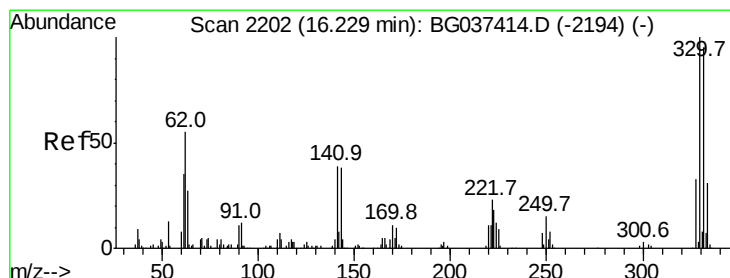
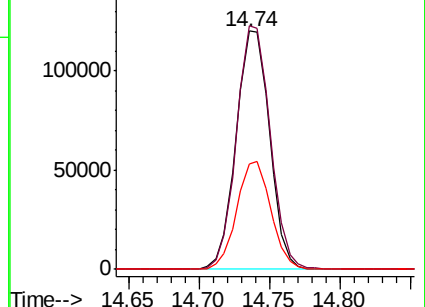
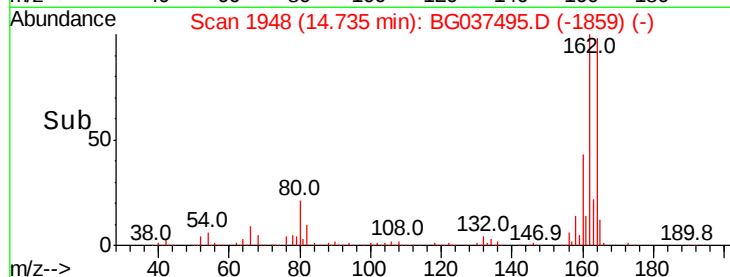
160 43.9 36.3 54.5



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: 117.384 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

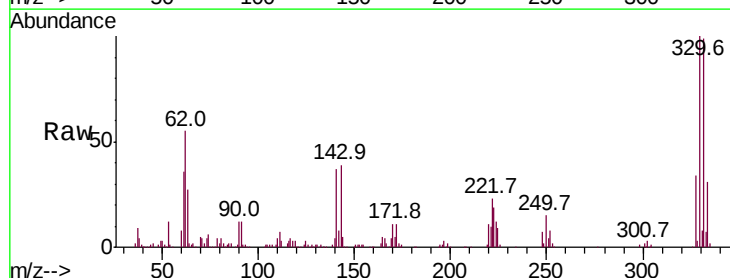
Tgt Ion:330 Resp: 255434

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

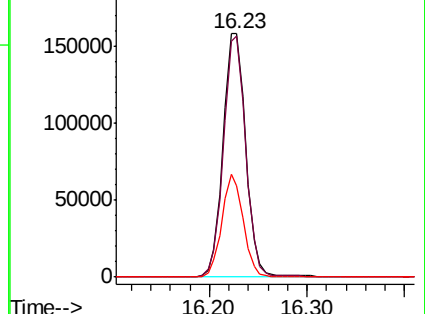
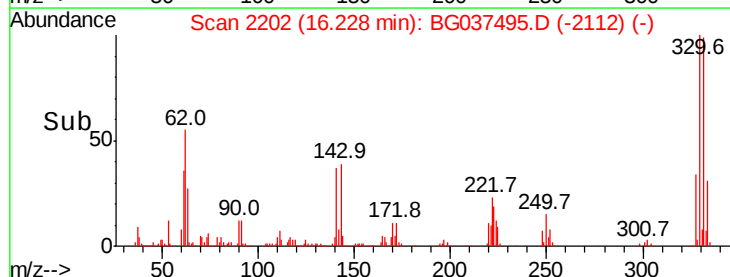
141 39.6 32.2 48.2

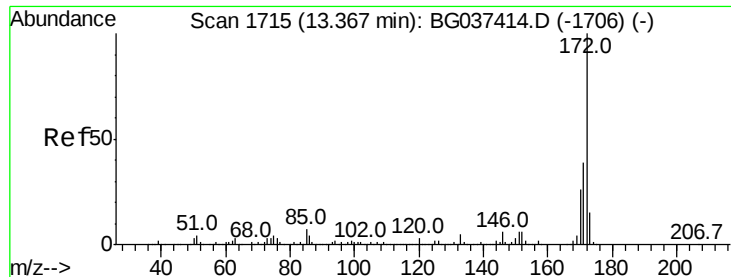


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

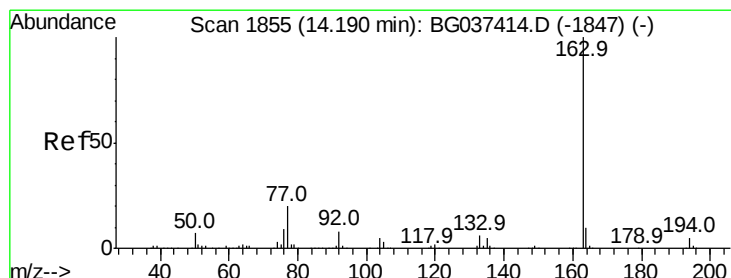
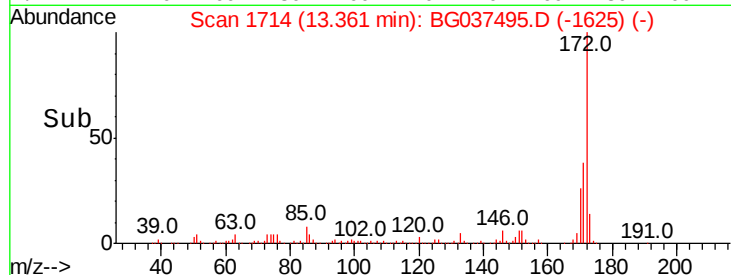
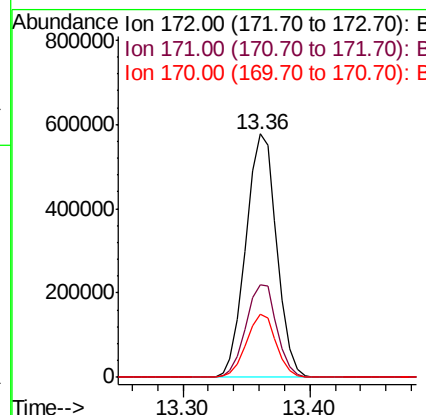
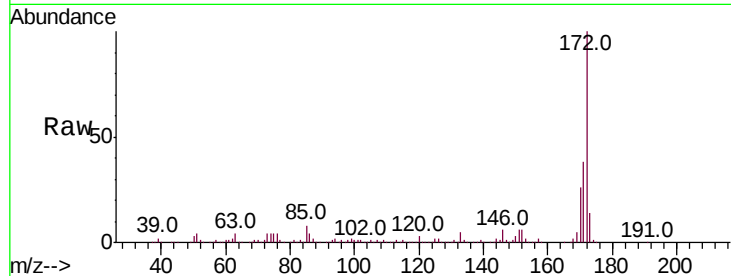




#45
2-Fluorobiphenyl
Concen: 73.442 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

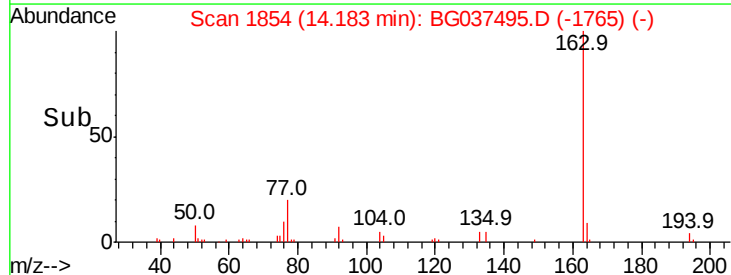
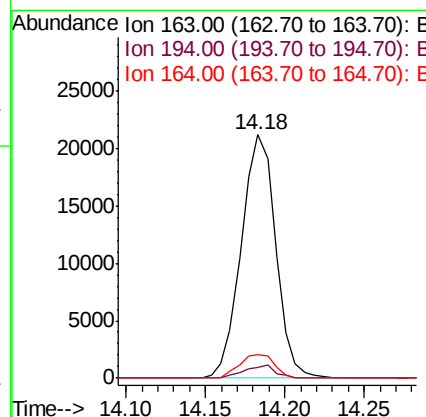
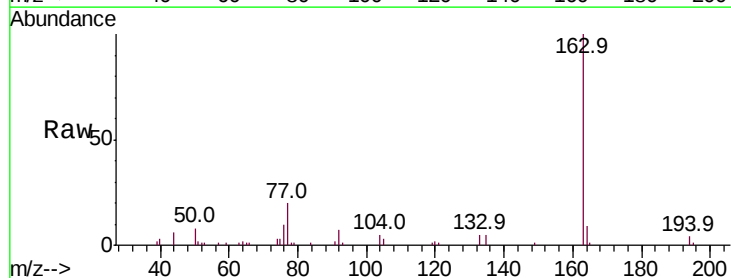
Instrument :
BNA_G
ClientSampleId :
RAV-GT104

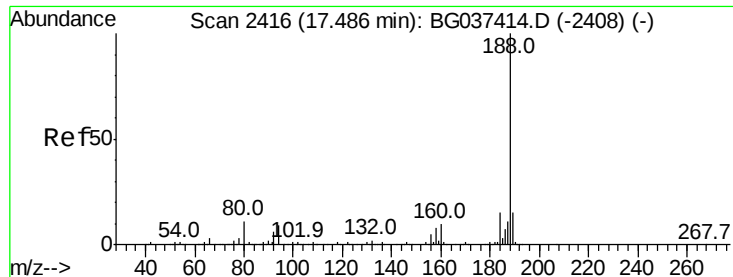
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.7	20.2	30.2



#50
Dimethylphthalate
Concen: 2.072 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037495.D
Acq: 24 Oct 2018 4:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.4	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

Instrument :

BNA_G

ClientSampleId :

RAV-GT104

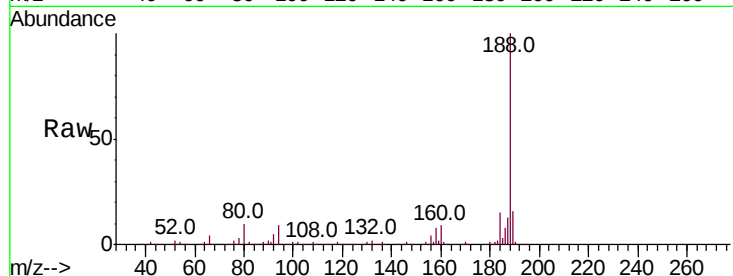
Tot Ion:188 Resp: 463710

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

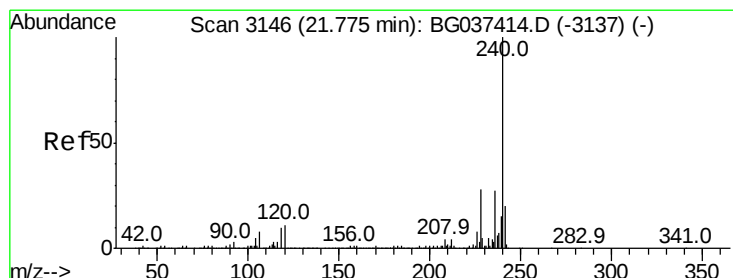
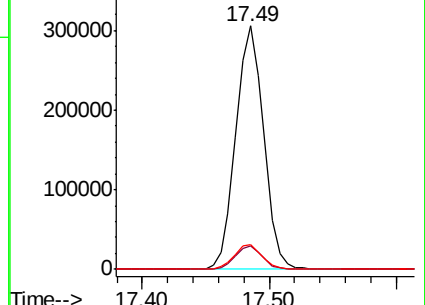
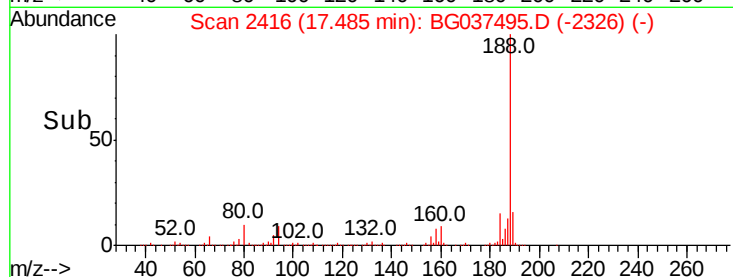
80 10.1 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037495.D

Acq: 24 Oct 2018 4:25

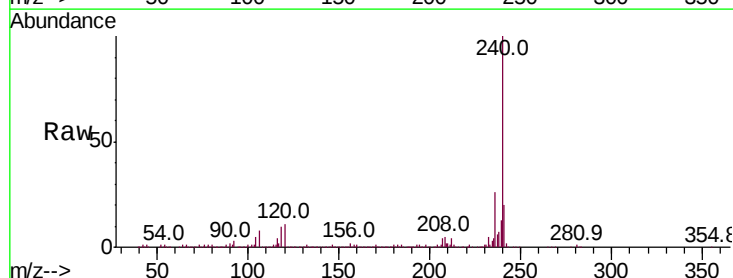
Tgt Ion:240 Resp: 414140

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

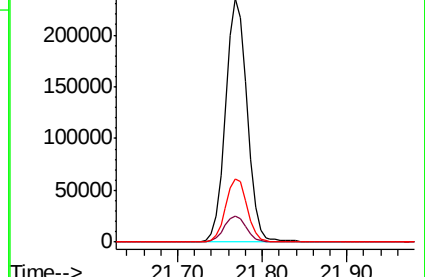
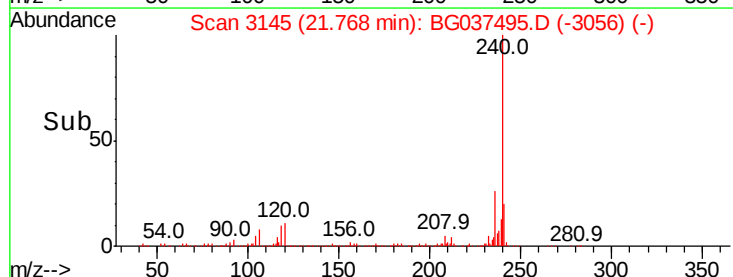
236 26.0 21.4 32.0

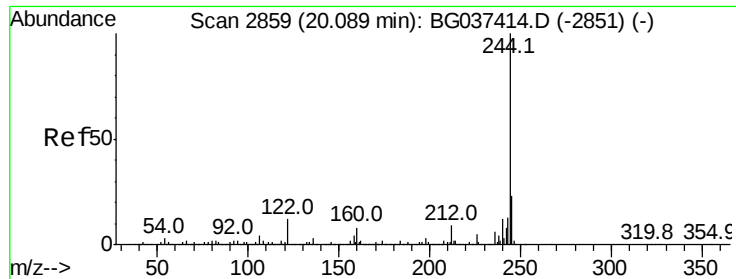


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



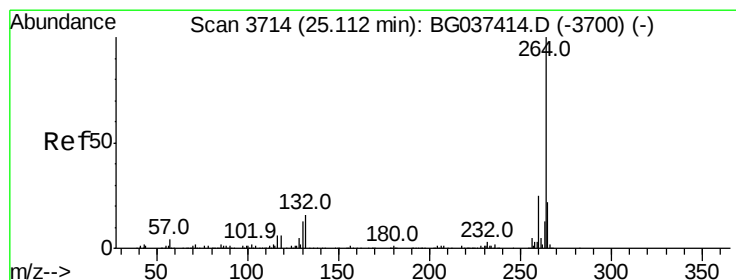
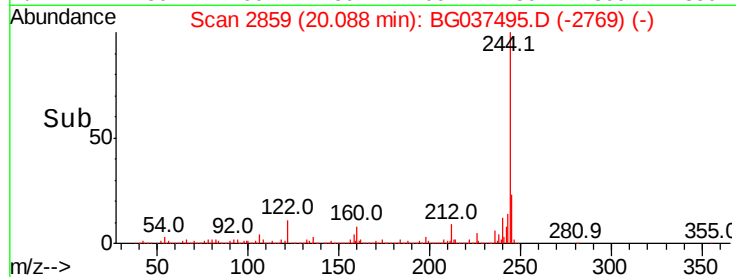
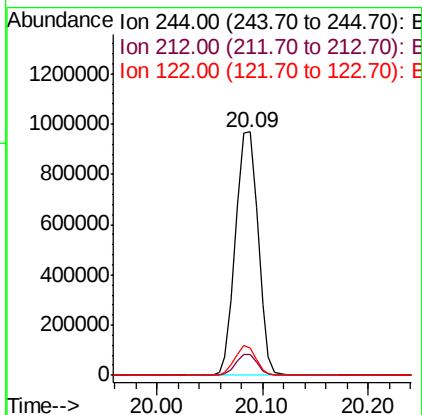
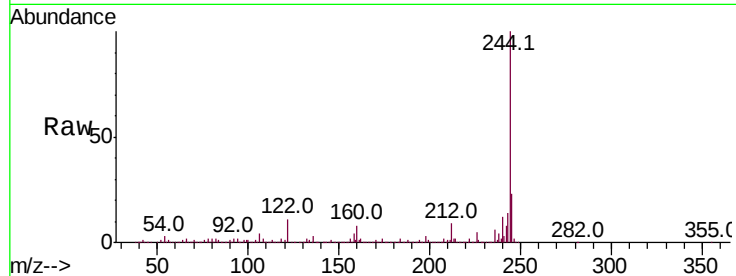


#79
 Terphenyl-d14
 Concen: 73.836 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104

Tot Ion:244 Resp: 1431062

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.1	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037495.D
 Acq: 24 Oct 2018 4:25

Tgt Ion:264 Resp: 423277

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.4	17.9	26.9

