

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037770.D
 Acq On : 3 Nov 2018 1:14
 Operator : JU/SJ
 Sample : J5803-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SODUS-TS-001

Quant Time: Nov 03 02:46:05 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

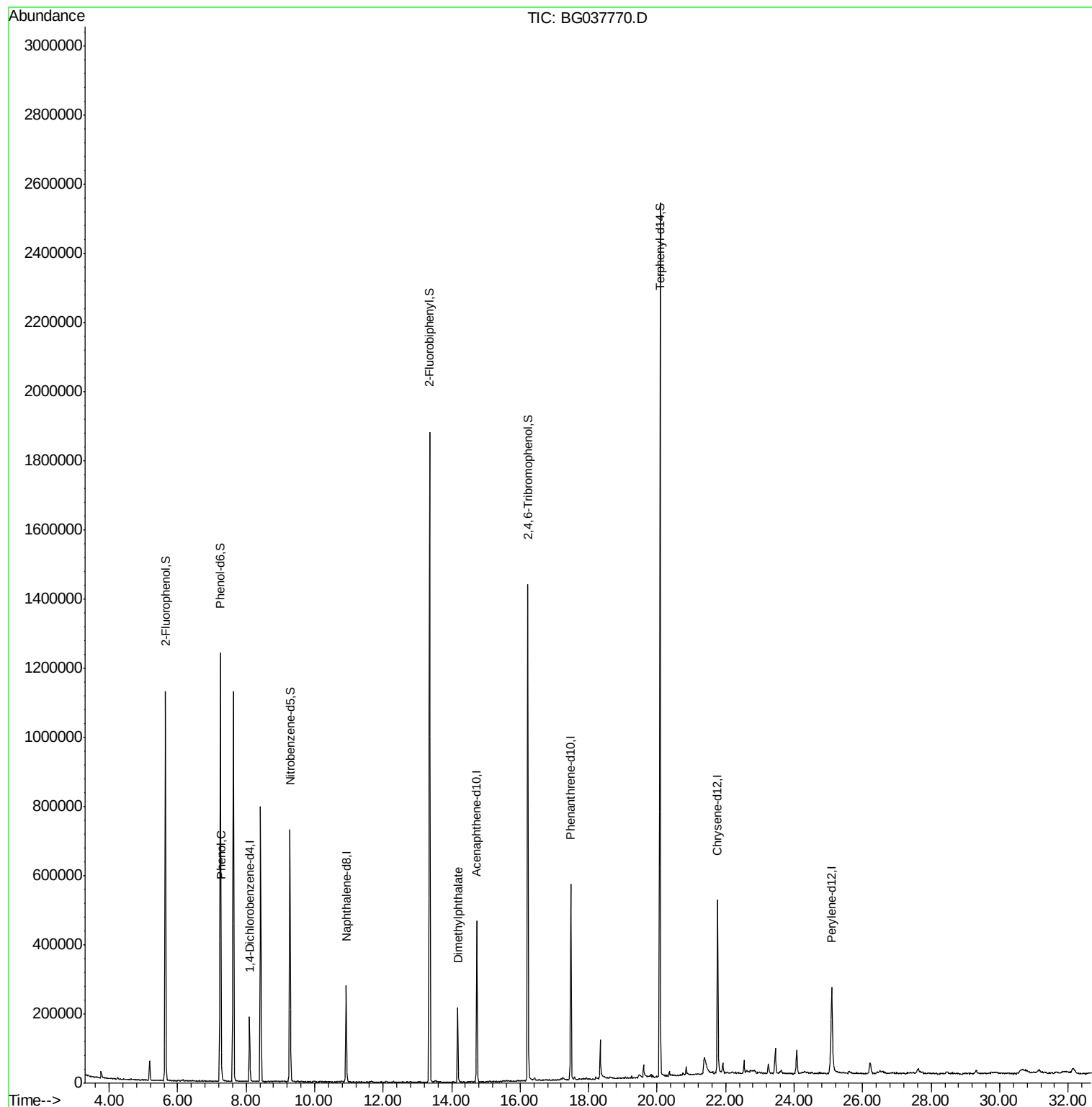
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57020	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	260871	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	172542	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	368992	20.00	ng	0.00
76) Chrysene-d12	21.76	240	332566	20.00	ng	-0.01
87) Perylene-d12	25.10	264	317994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	515302	151.09	ng	0.00
7) Phenol-d6	7.25	99	778604	150.97	ng	0.00
23) Nitrobenzene-d5	9.28	82	465574	99.98	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	282308	150.01	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1025745	89.65	ng	-0.01
79) Terphenyl-d14	20.08	244	1268641	81.51	ng	0.00
Target Compounds						
10) Phenol	7.27	94	50309	9.246	ng	93
50) Dimethylphthalate	14.18	163	161946	12.132	ng	99

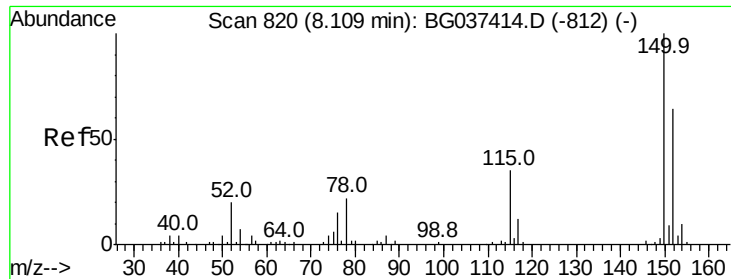
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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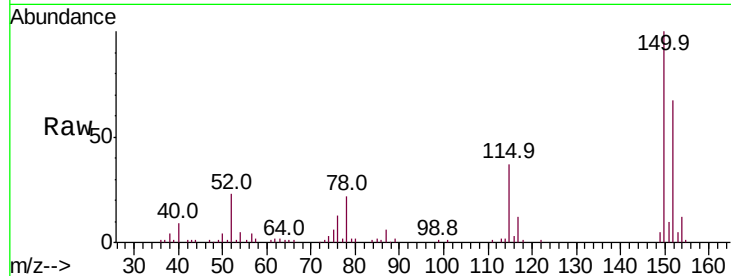


#1

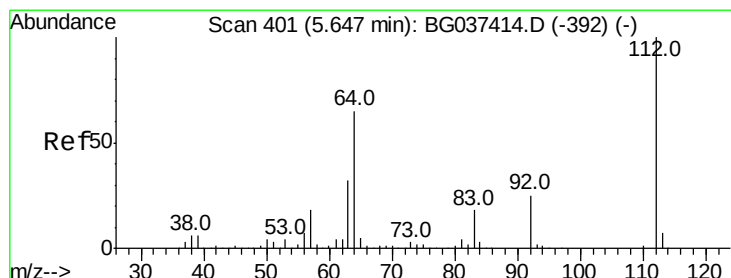
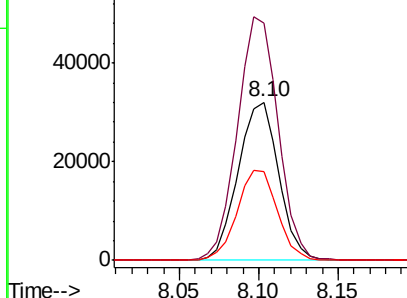
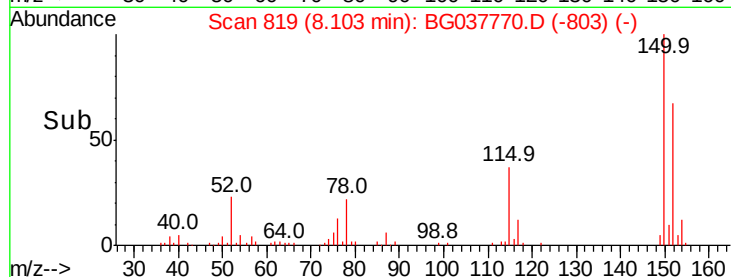
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tot Ion:152 Resp: 57020
Ion Ratio Lower Upper
152 100
150 149.7 126.0 189.0
115 55.8 45.5 68.3



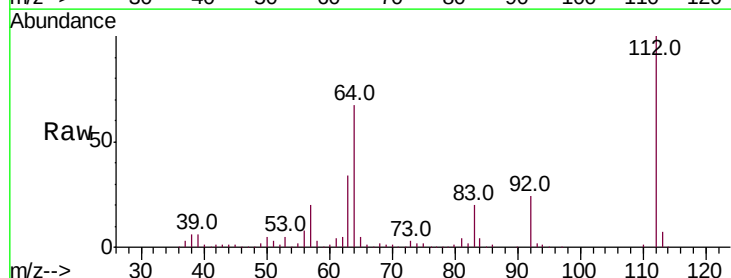
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



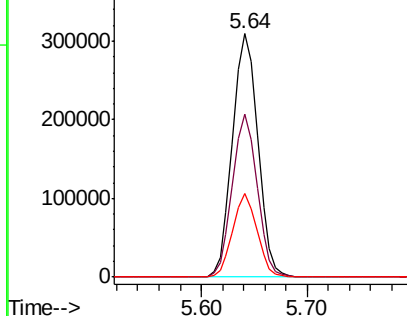
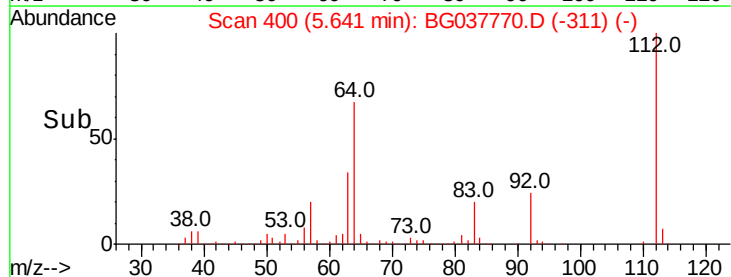
#5

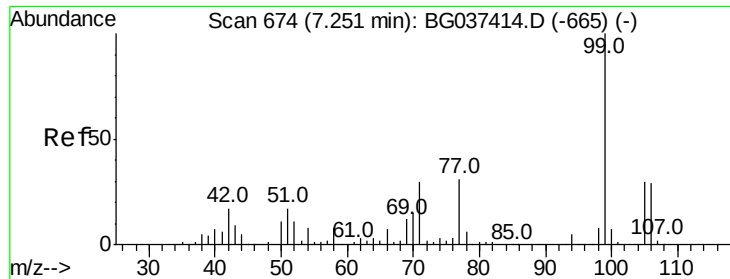
2-Fluorophenol
Concen: 151.089 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:112 Resp: 515302
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 34.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 150.973 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037770.D

Acq: 3 Nov 2018 1:14

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-001

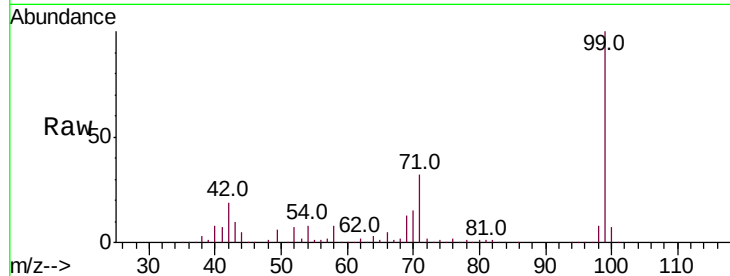
Tot Ion: 99 Resp: 778604

Ion Ratio Lower Upper

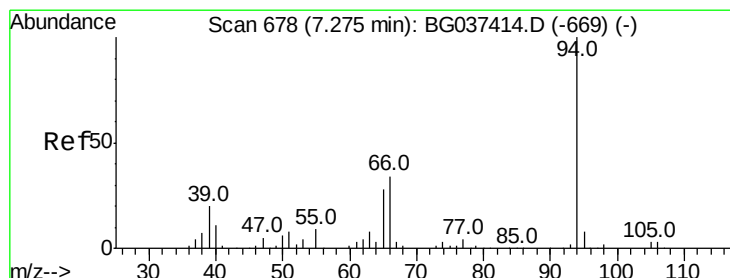
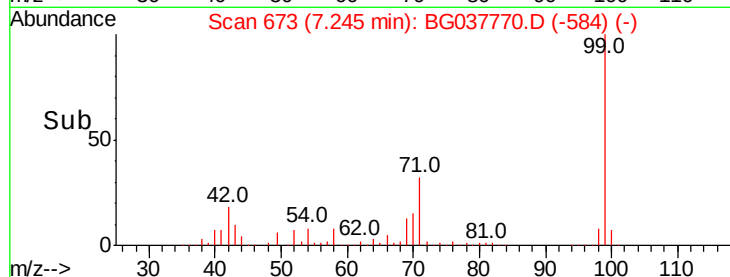
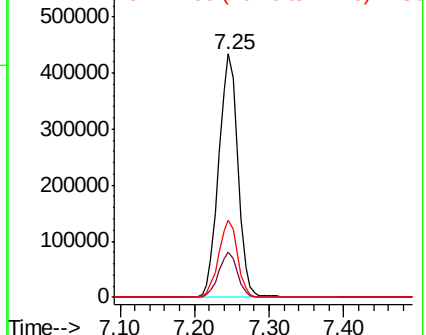
99 100

42 18.5 15.0 22.4

71 31.9 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: 9.246 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037770.D

Acq: 3 Nov 2018 1:14

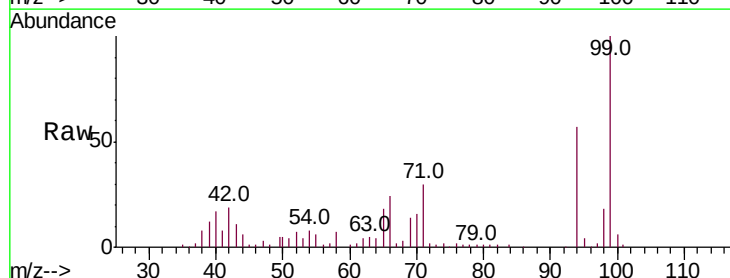
Tgt Ion: 94 Resp: 50309

Ion Ratio Lower Upper

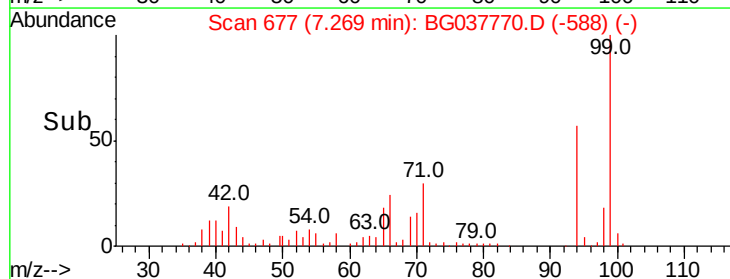
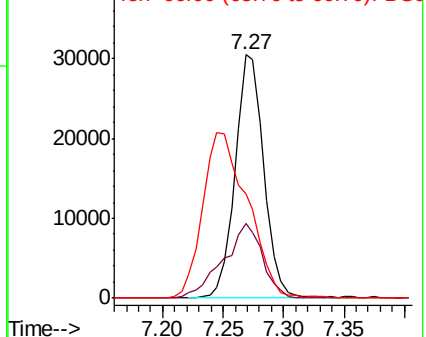
94 100

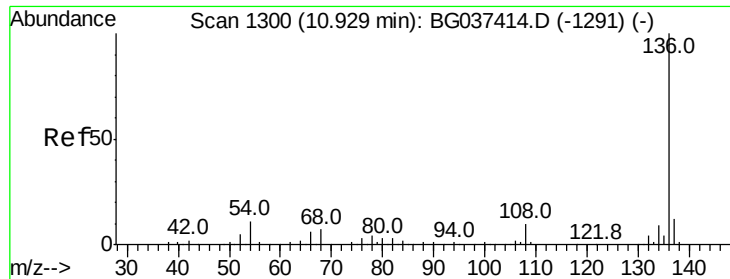
65 30.8 9.7 49.7

66 42.5 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

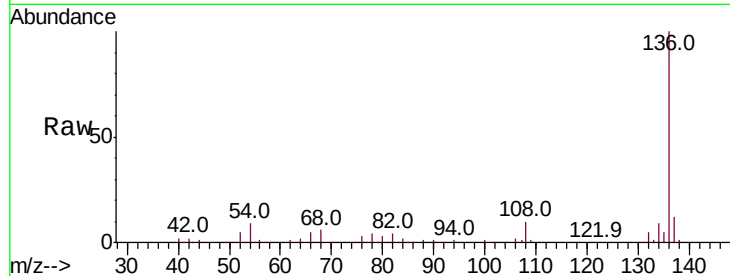




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tot Ion:	136	Resp:	260871
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.3	7.9	11.9
68	6.3	4.8	7.2



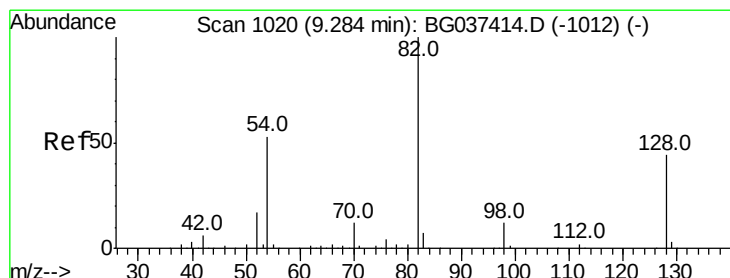
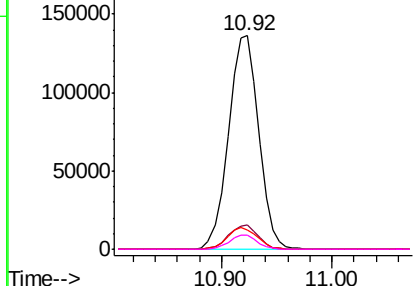
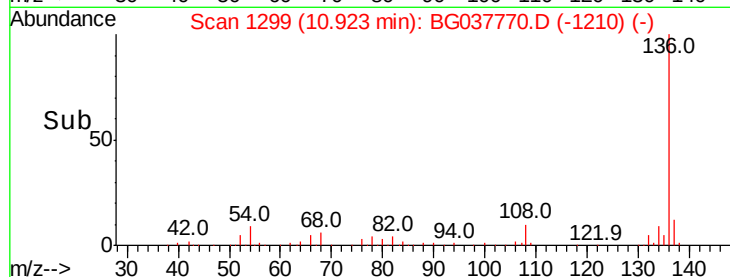
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

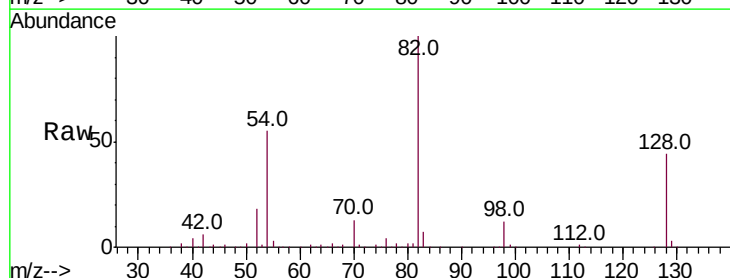
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 99.977 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:	82	Resp:	465574
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	54.9	45.3	67.9

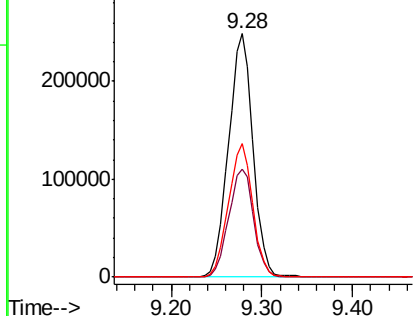
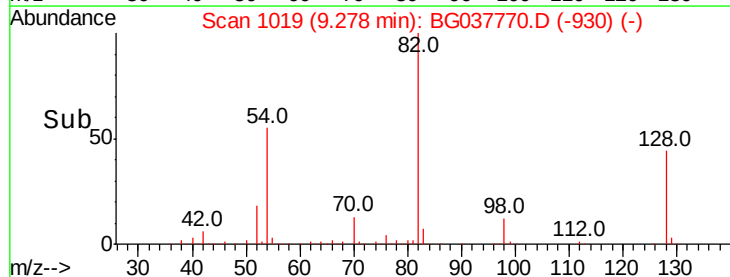


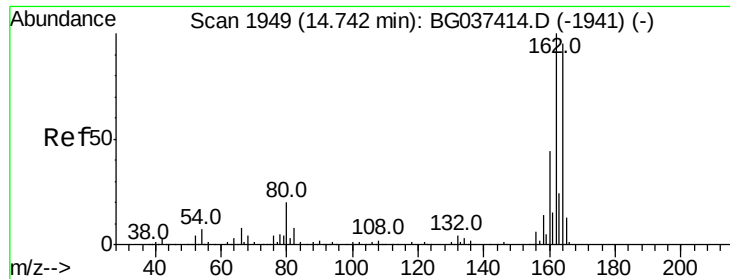
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037770.D

Acq: 3 Nov 2018 1:14

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-001

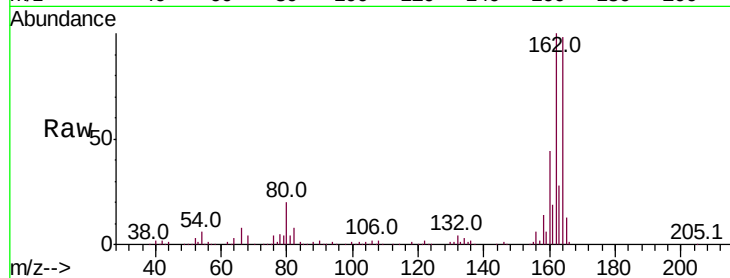
Tot Ion:164 Resp: 172542

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

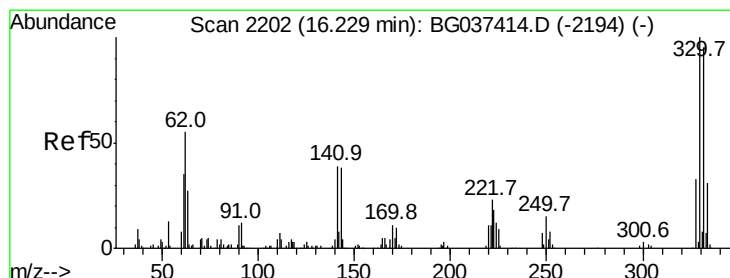
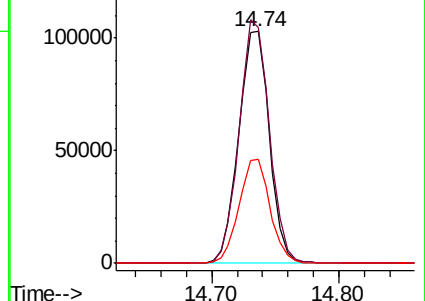
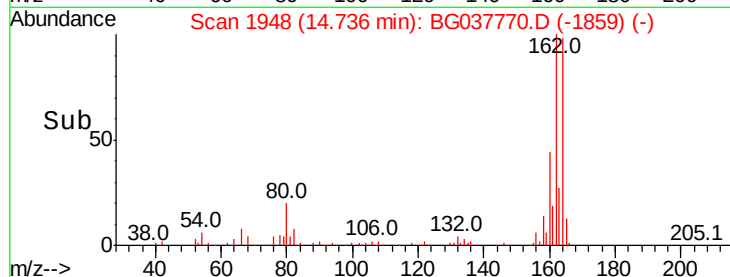
160 45.2 36.3 54.5



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: 150.012 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037770.D

Acq: 3 Nov 2018 1:14

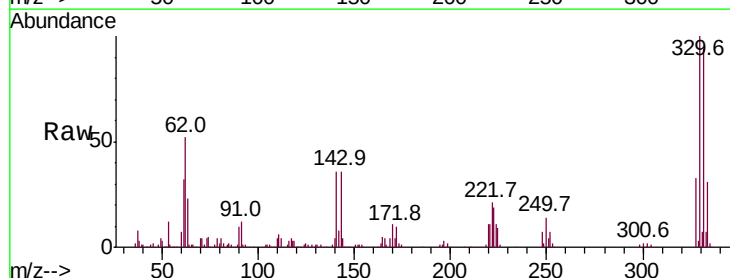
Tgt Ion:330 Resp: 282308

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

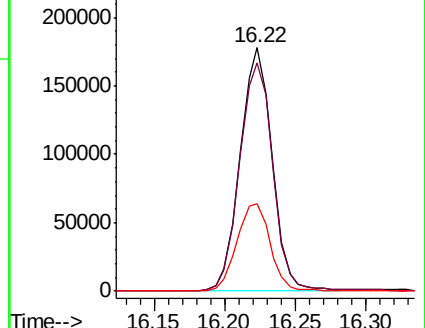
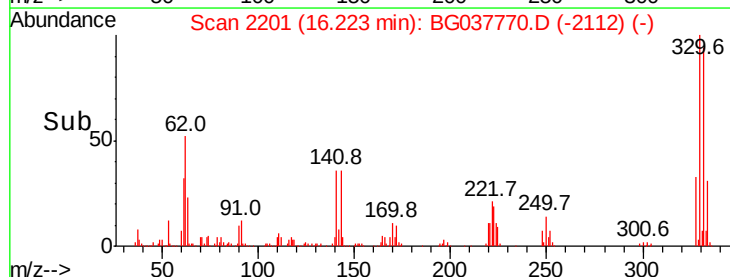
141 38.0 32.2 48.2

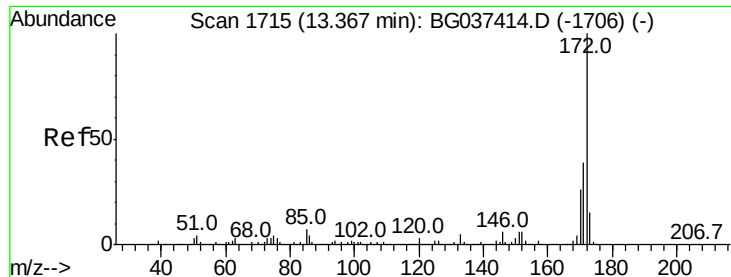


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

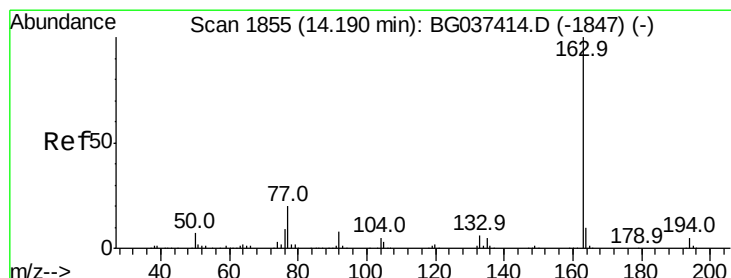
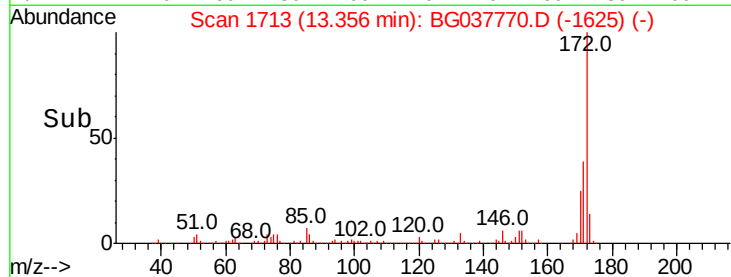
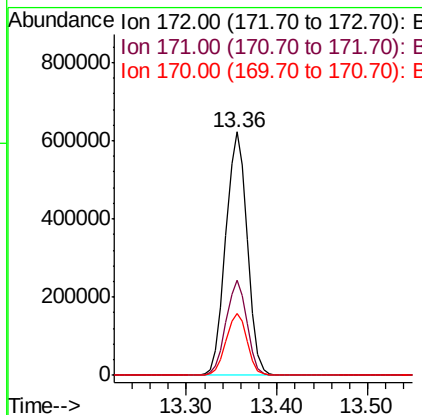
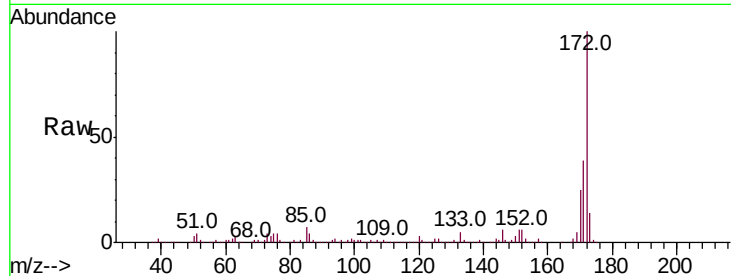




#45
2-Fluorobiphenyl
Concen: 89.646 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

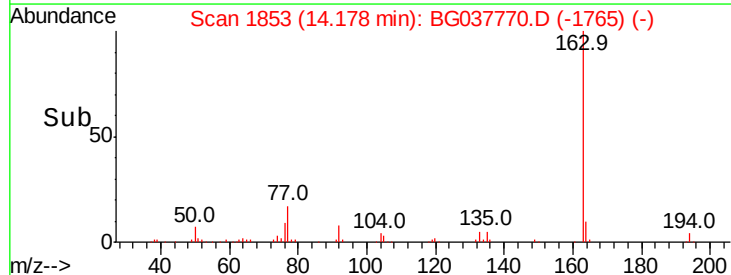
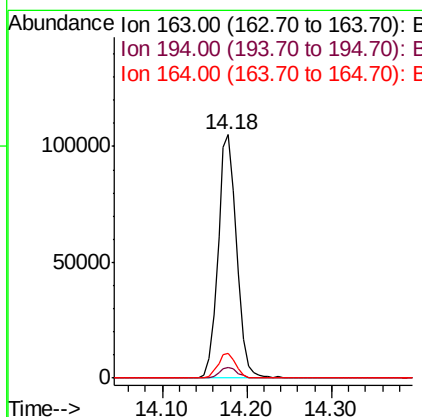
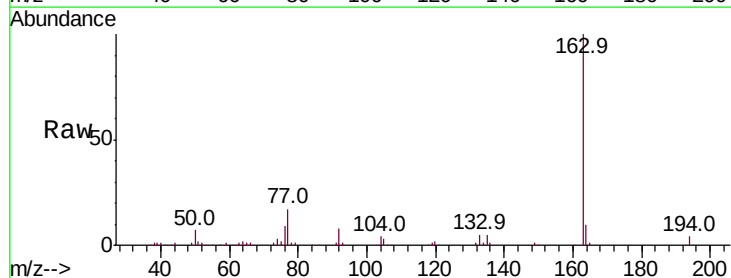
Instrument :
BNA_G
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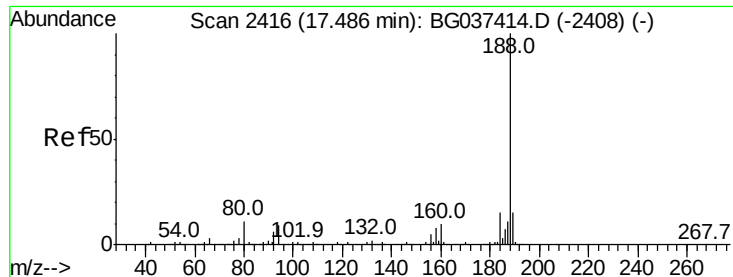
Tot Ion:172 Resp: 1025745
Ion Ratio Lower Upper
172 100
171 38.9 31.0 46.4
170 25.4 20.2 30.2



#50
Dimethylphthalate
Concen: 12.132 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:163 Resp: 161946
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.3 8.5 12.7

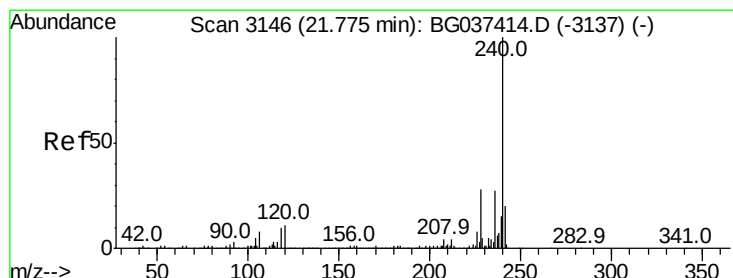
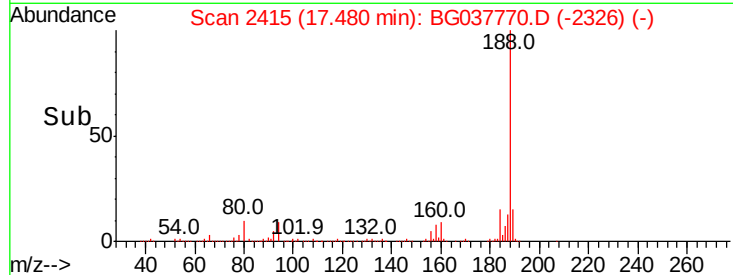
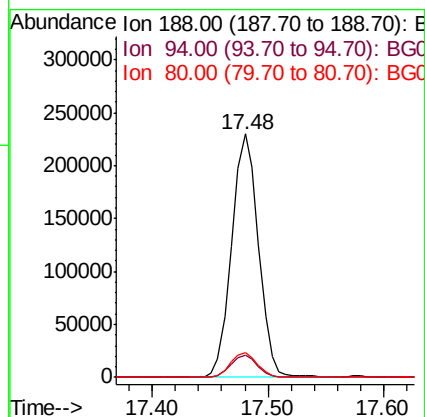
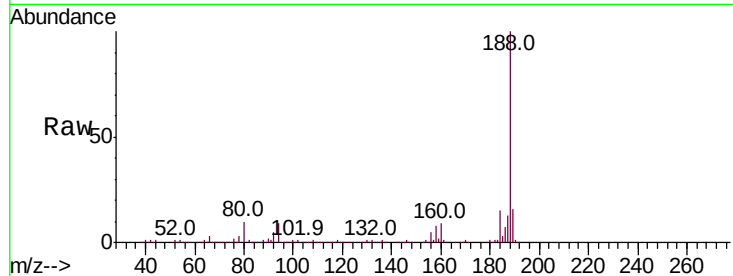




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

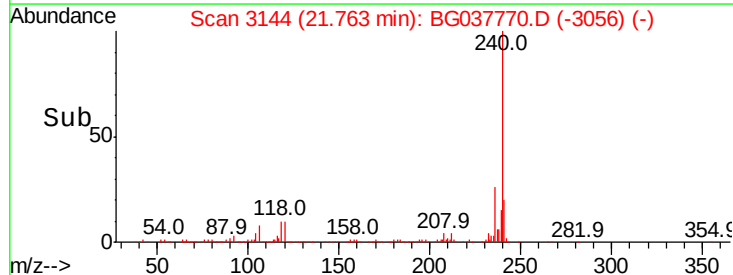
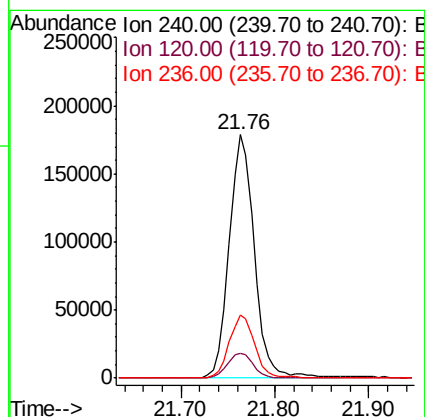
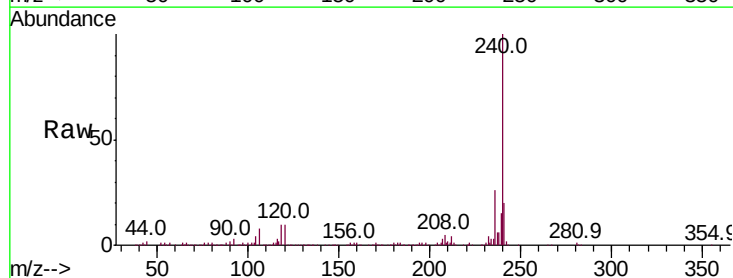
Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

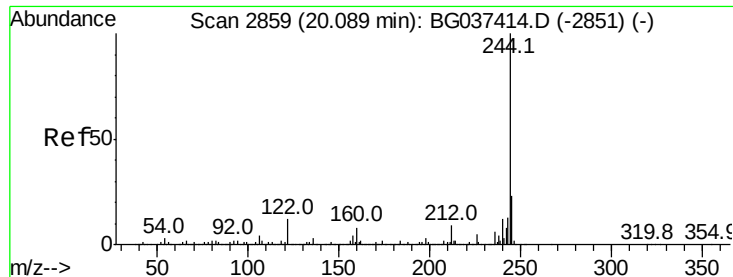
Tot Ion:188 Resp: 368992
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:240 Resp: 332566
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.1 21.4 32.0





#79

Terphenyl-d14

Concen: 81.511 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037770.D

Acq: 3 Nov 2018 1:14

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-001

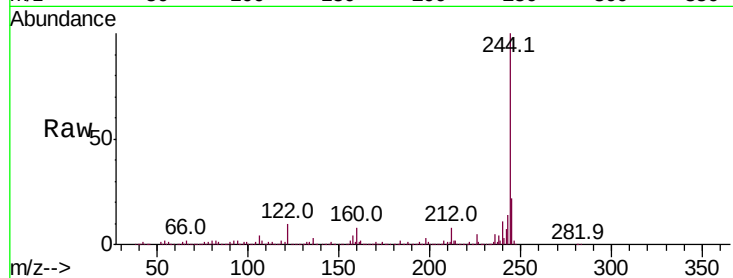
Tot Ion:244 Resp: 1268641

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

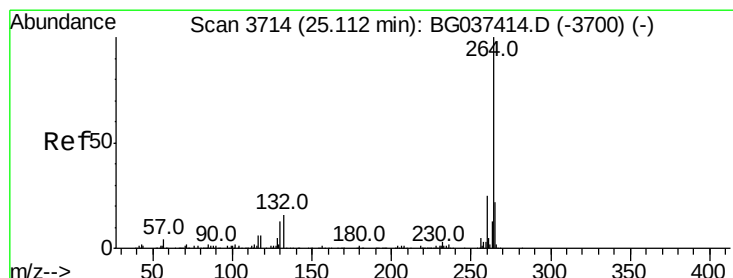
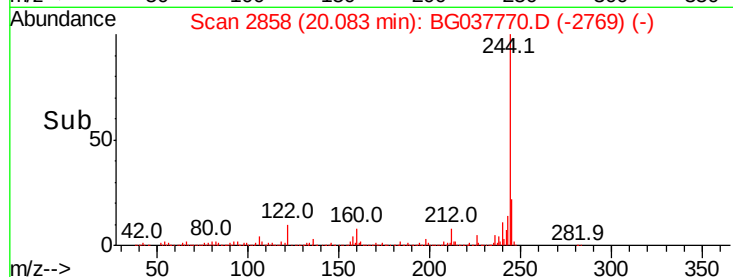
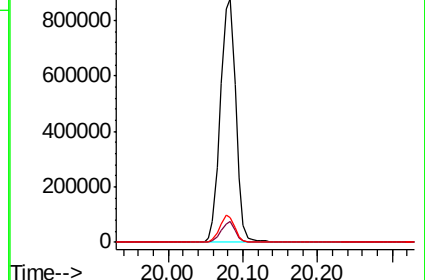
122 10.3 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037770.D

Acq: 3 Nov 2018 1:14

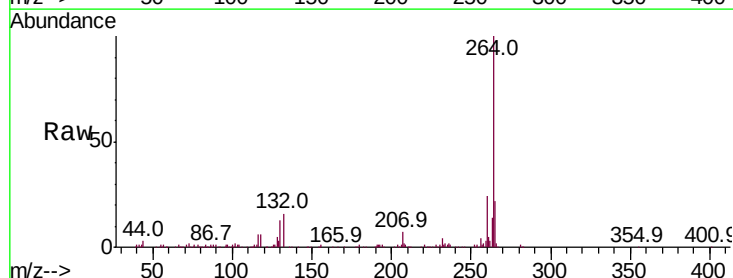
Tgt Ion:264 Resp: 317994

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.8 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

