

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037628.D
 Acq On : 29 Oct 2018 18:30
 Operator : JU/SJ
 Sample : J5691-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8

Quant Time: Oct 30 05:07:44 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

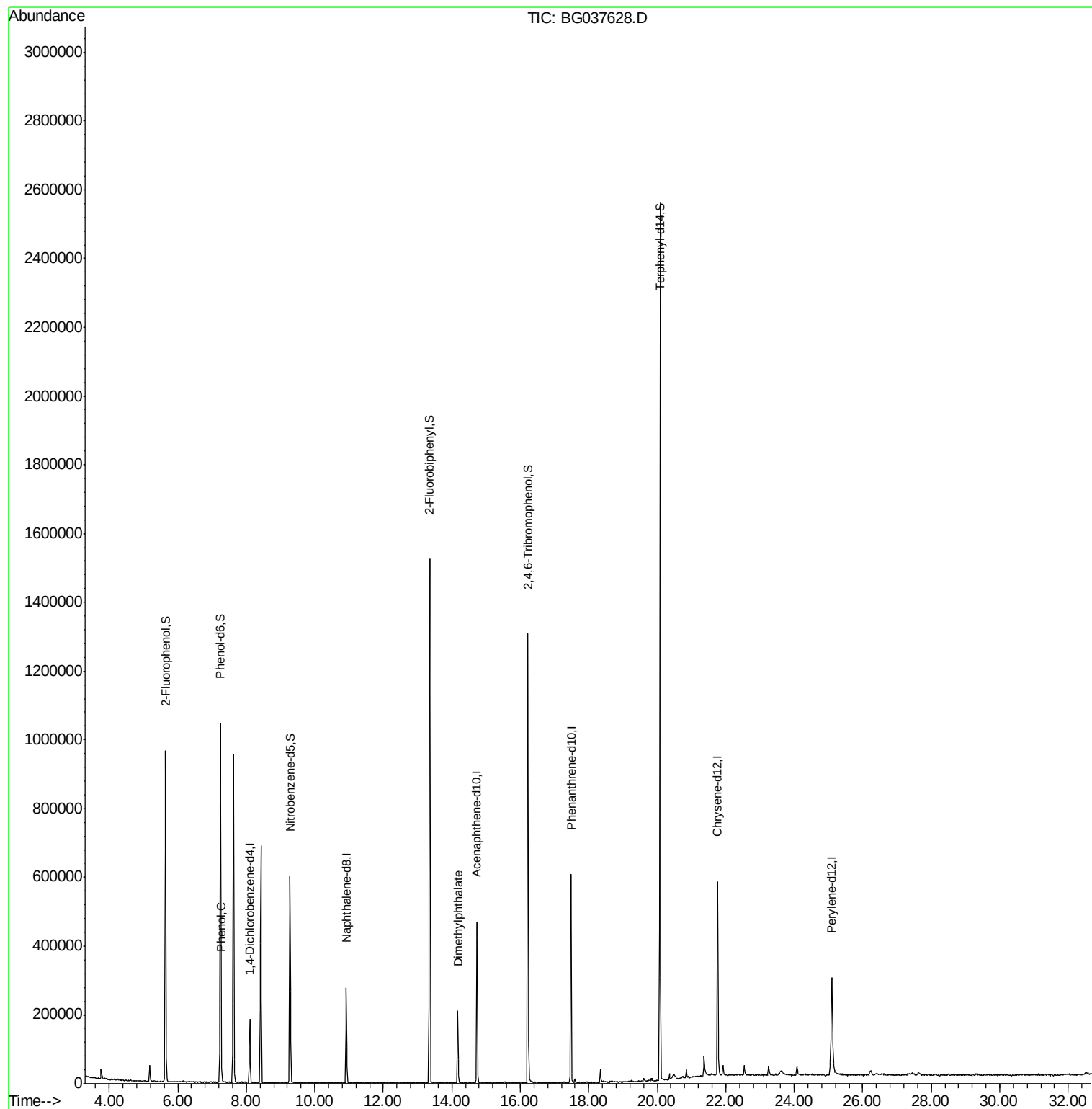
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55004	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	245467	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	165882	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	395187	20.00	ng	0.00
76) Chrysene-d12	21.76	240	361859	20.00	ng	-0.01
87) Perylene-d12	25.10	264	356533	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	450628	136.97	ng	0.00
7) Phenol-d6	7.25	99	659683	132.60	ng	0.00
23) Nitrobenzene-d5	9.28	82	383948	87.62	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	241744	133.62	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	856258	77.84	ng	0.00
79) Terphenyl-d14	20.08	244	1235967	72.98	ng	0.00
Target Compounds						
10) Phenol	7.27	94	34630	6.597	ng	96
50) Dimethylphthalate	14.18	163	155615	12.126	ng	98

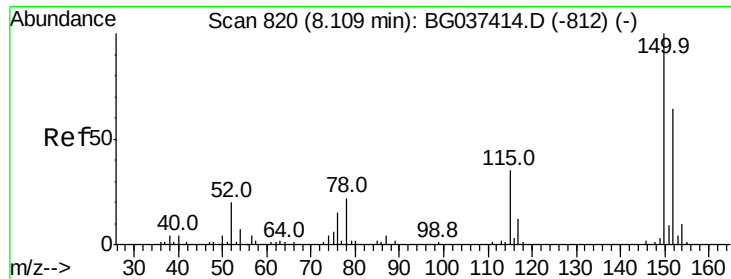
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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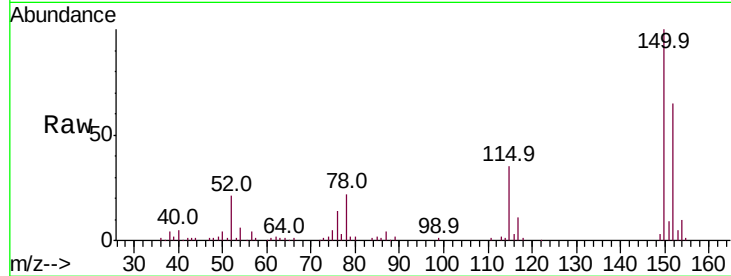


#1

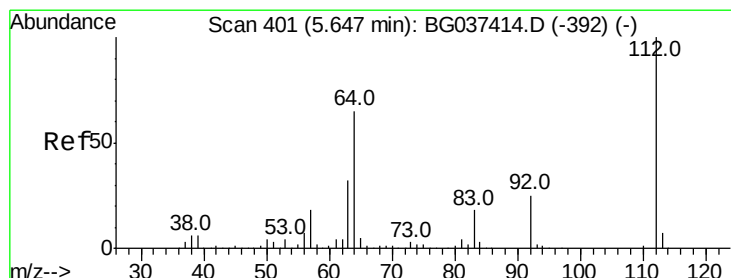
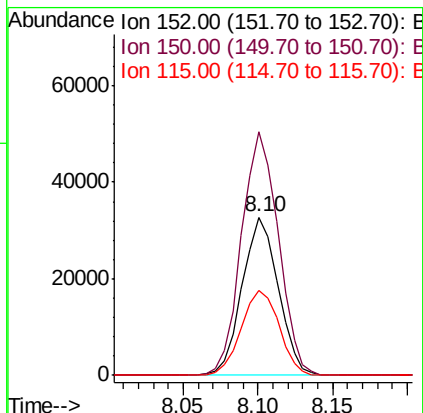
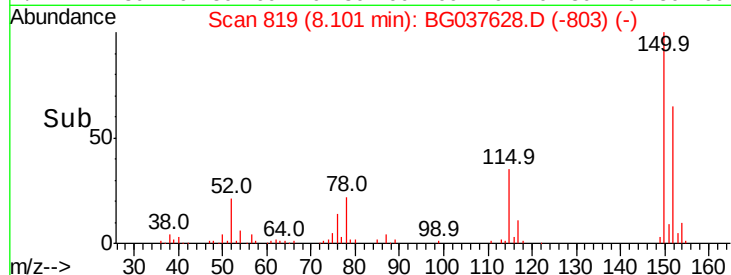
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037628.D
Acq: 29 Oct 2018 18:30

Instrument :
BNA_G
ClientSampleId :
SB-8

Tot Ion:152 Resp: 55004
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 54.1 45.5 68.3



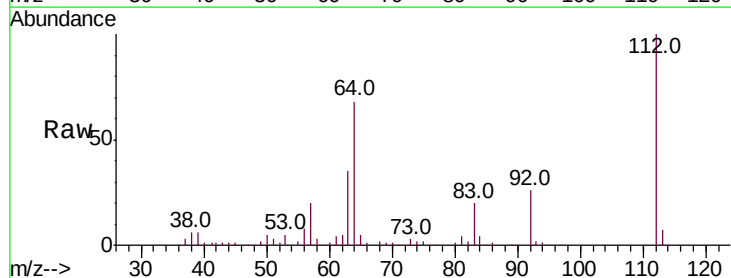
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



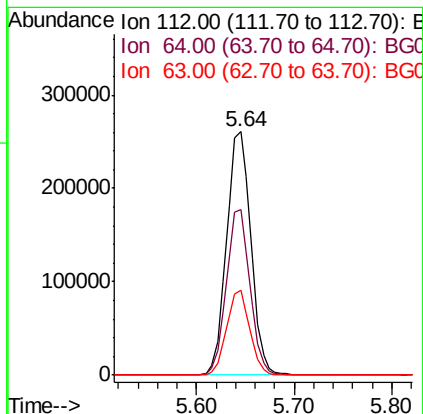
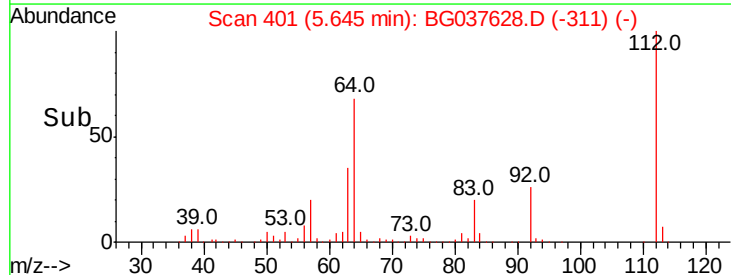
#5

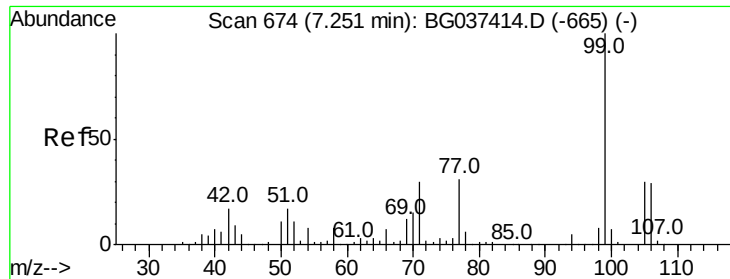
2-Fluorophenol
Concen: 136.969 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037628.D
Acq: 29 Oct 2018 18:30

Tgt Ion:112 Resp: 450628
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 35.0 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: 132.602 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037628.D

Acq: 29 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

SB-8

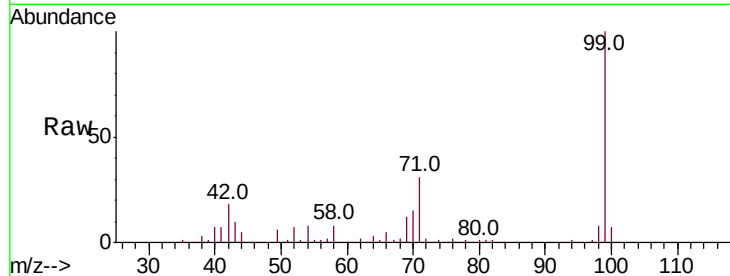
Tot Ion: 99 Resp: 659683

Ion Ratio Lower Upper

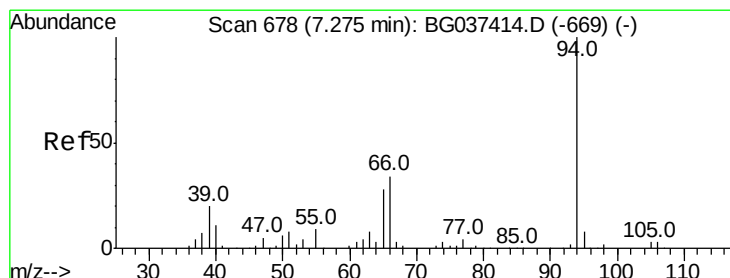
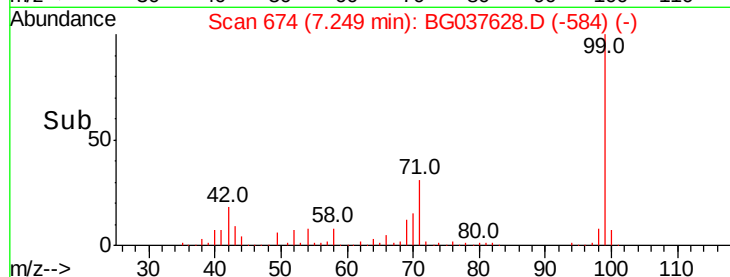
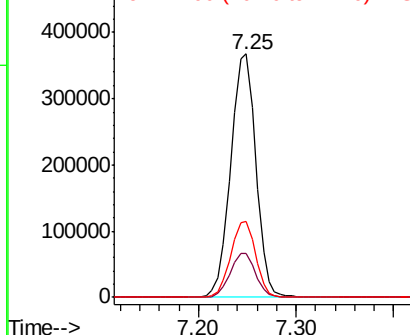
99 100

42 18.2 15.0 22.4

71 31.2 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: 6.597 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037628.D

Acq: 29 Oct 2018 18:30

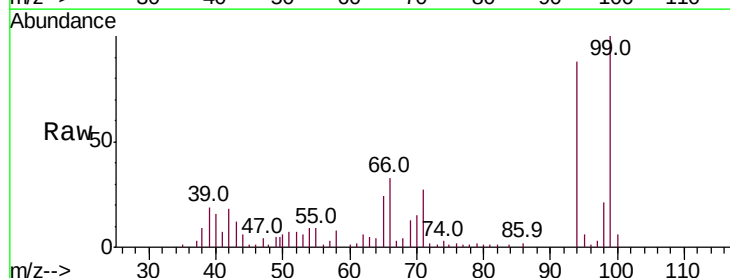
Tgt Ion: 94 Resp: 34630

Ion Ratio Lower Upper

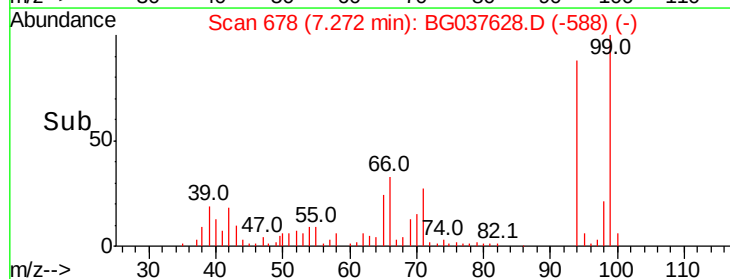
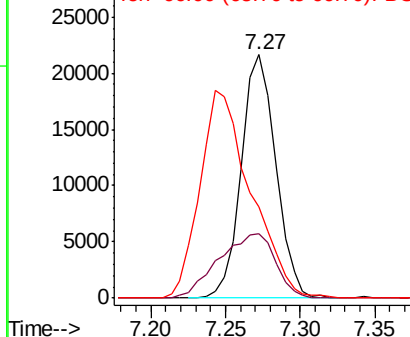
94 100

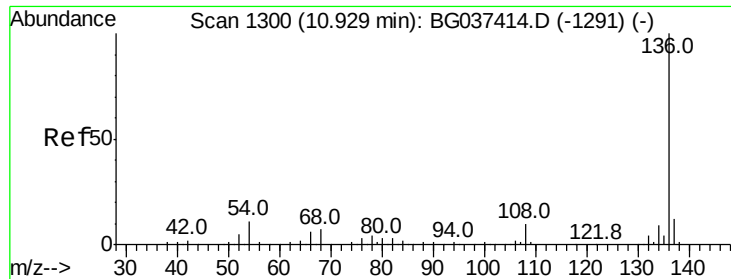
65 26.7 9.7 49.7

66 37.5 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

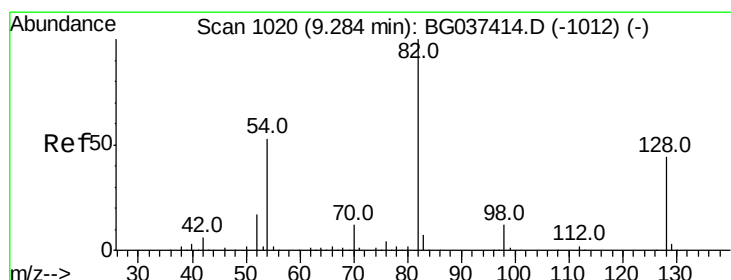
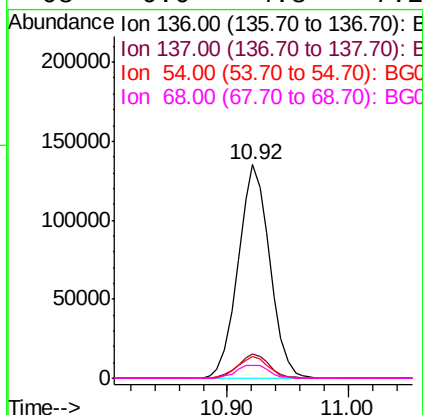
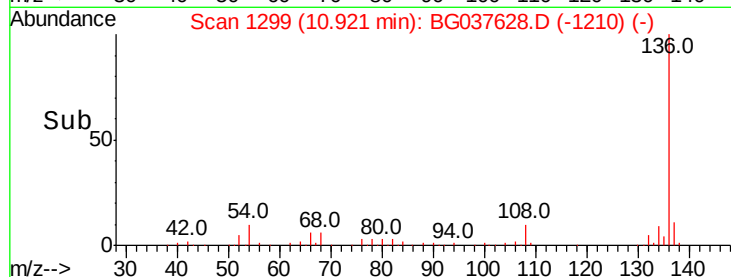
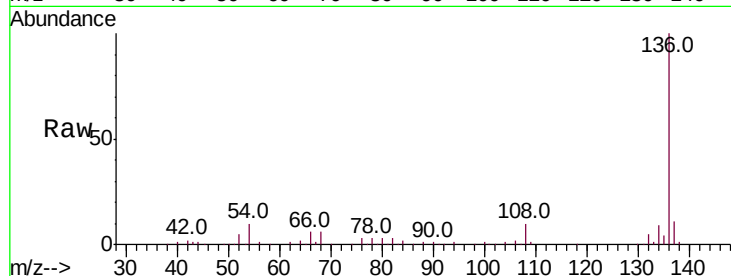




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037628.D
Acq: 29 Oct 2018 18:30

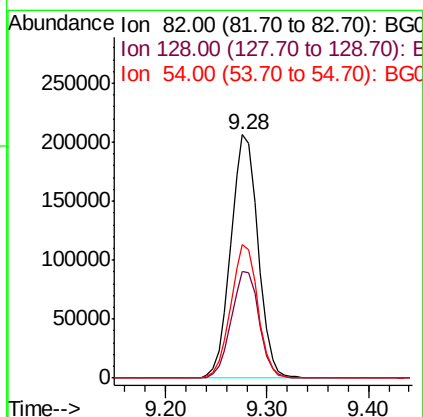
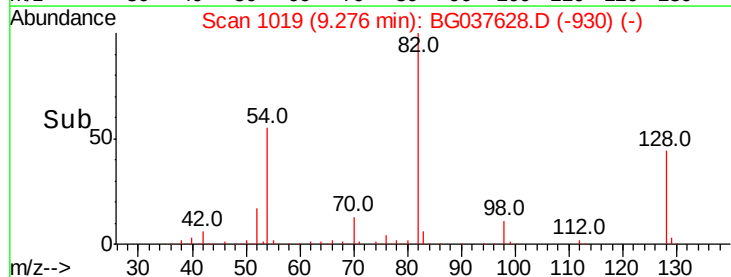
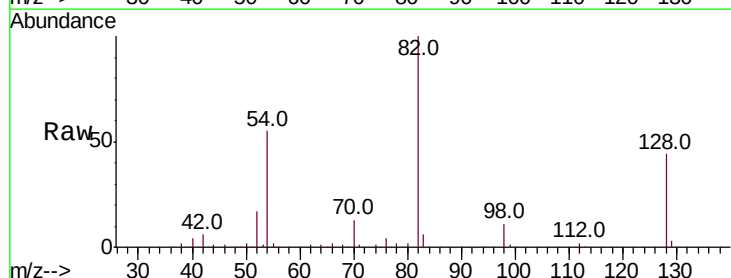
Instrument :
BNA_G
ClientSampleId :
SB-8

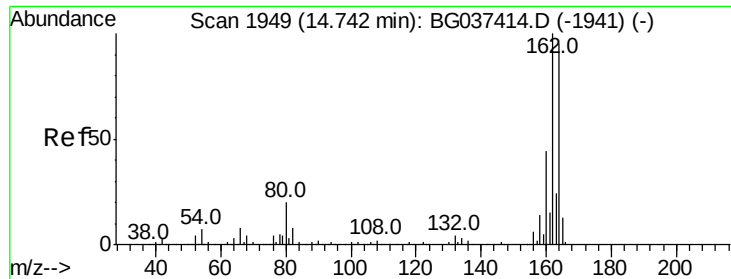
Tot Ion:	136	Resp:	245467
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.3	7.9	11.9
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.622 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037628.D
Acq: 29 Oct 2018 18:30

Tgt Ion:	82	Resp:	383948
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	54.9	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037628.D

Acq: 29 Oct 2018 18:30

Instrument :

BNA_G

ClientSampleId :

SB-8

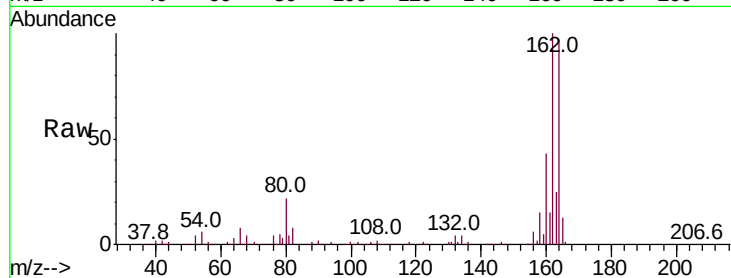
Tot Ion:164 Resp: 165882

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

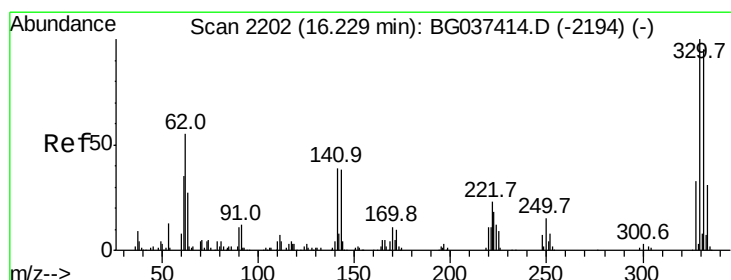
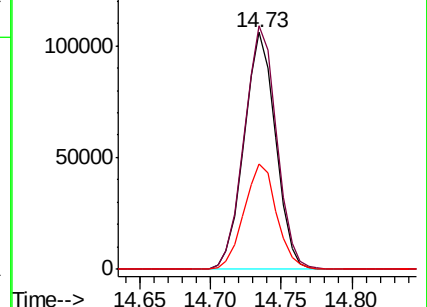
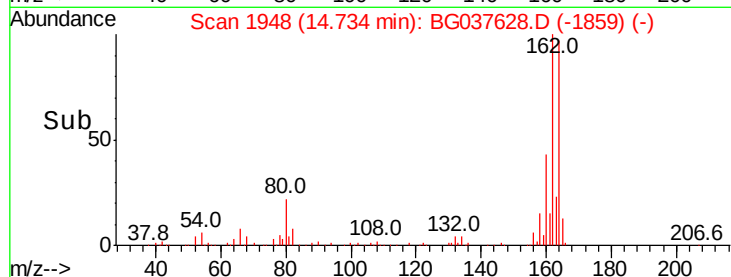
160 44.5 36.3 54.5



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: 133.615 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037628.D

Acq: 29 Oct 2018 18:30

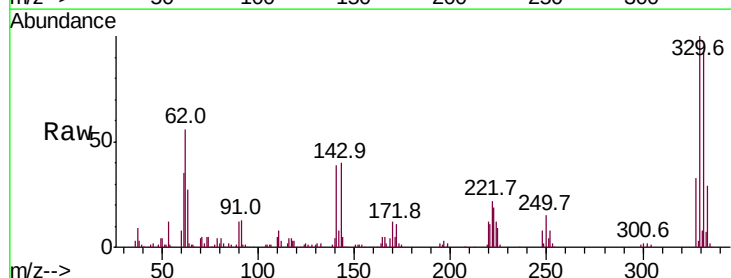
Tgt Ion:330 Resp: 241744

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

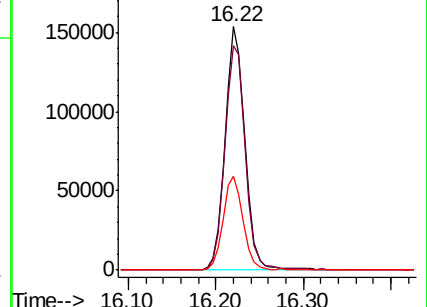
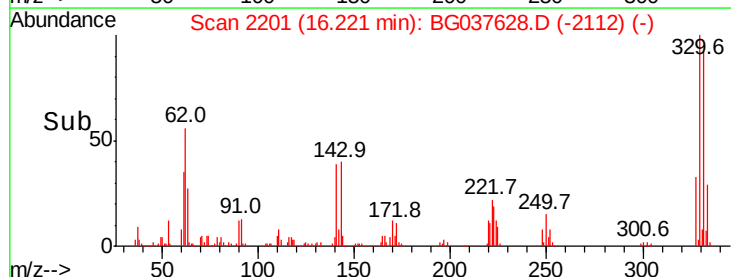
141 39.0 32.2 48.2

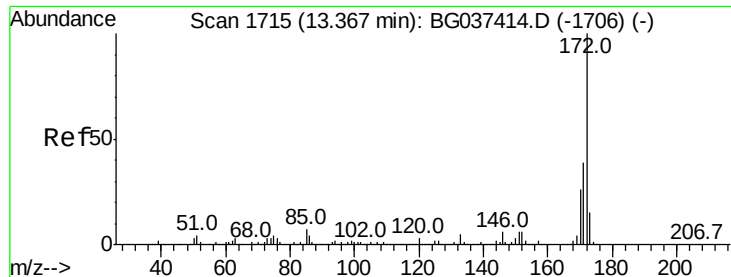


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

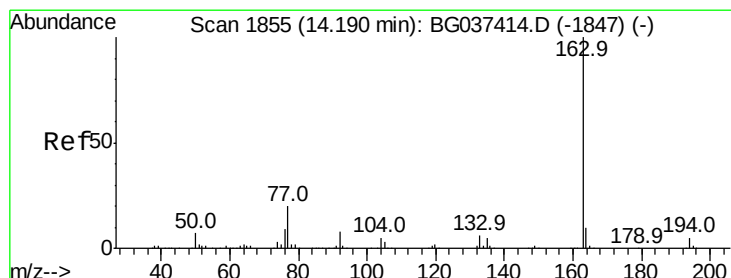
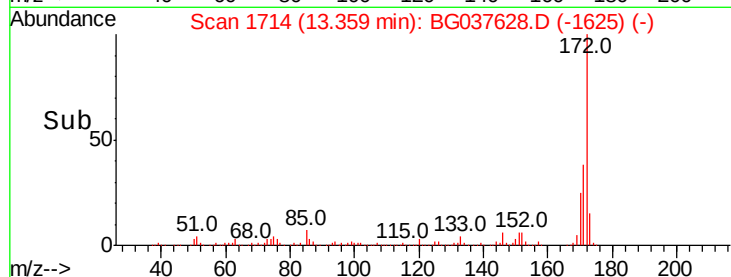
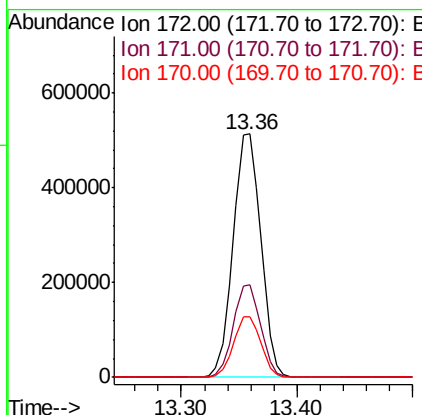
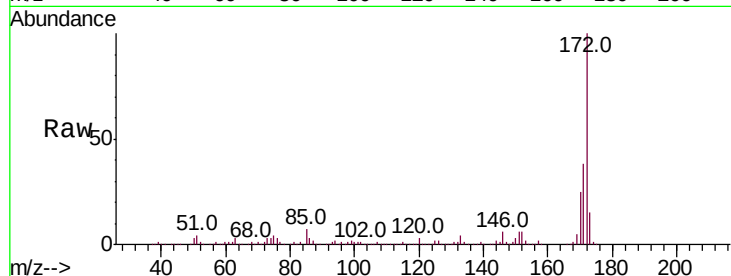




#45
2-Fluorobiphenyl
Concen: 77.838 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037628.D
Acq: 29 Oct 2018 18:30

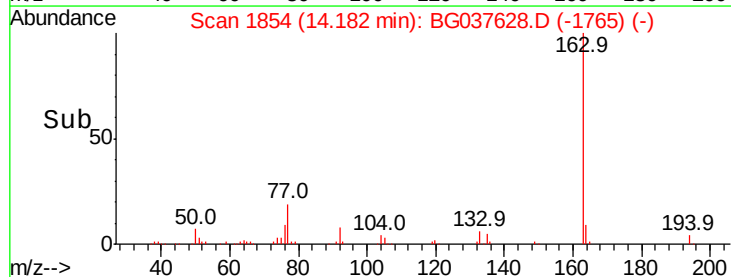
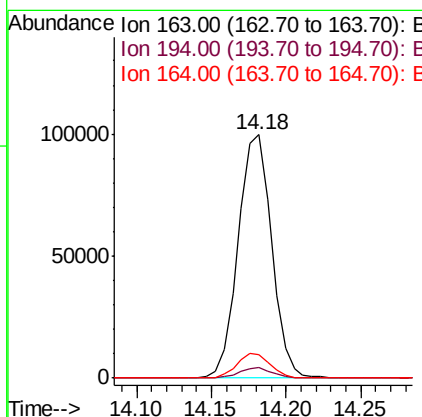
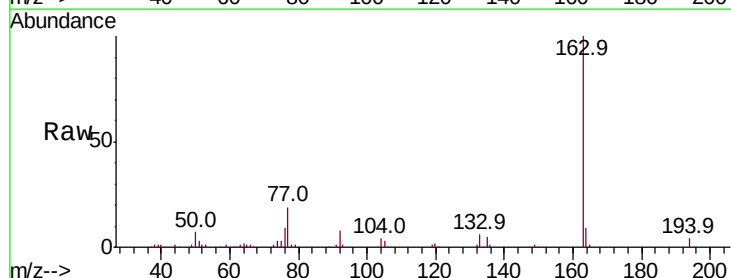
Instrument :
BNA_G
ClientSampleId :
SB-8

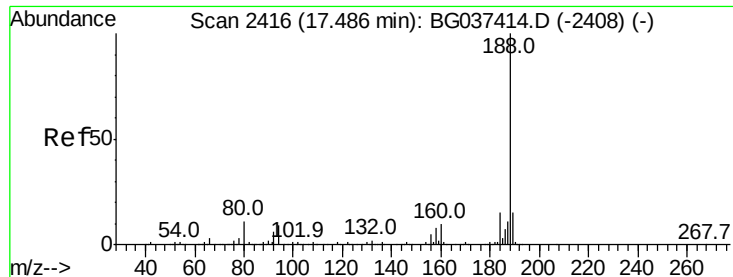
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.7	20.2	30.2



#50
Dimethylphthalate
Concen: 12.126 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037628.D
Acq: 29 Oct 2018 18:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.4	8.5	12.7

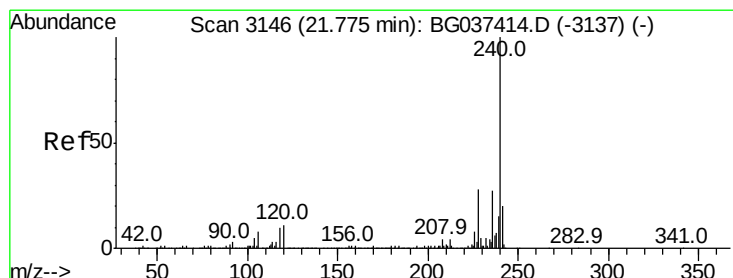
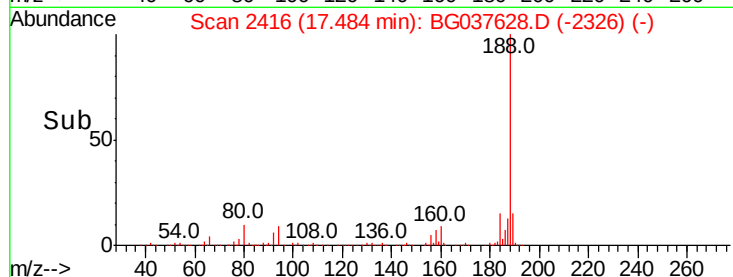
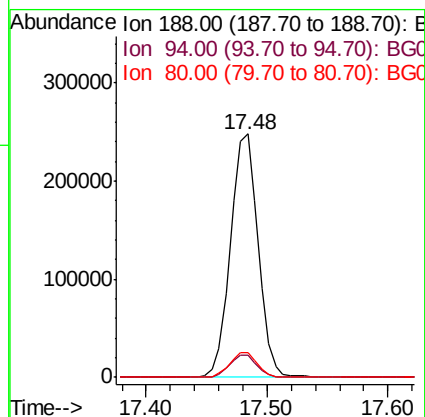
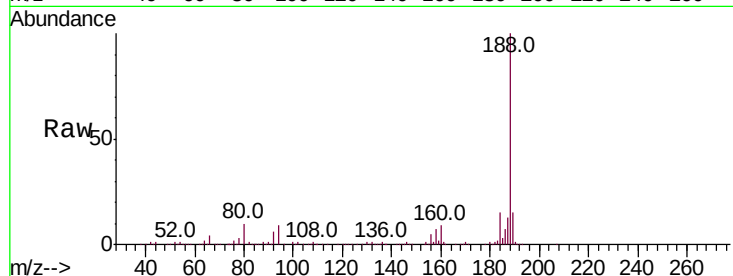




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037628.D
Acq: 29 Oct 2018 18:30

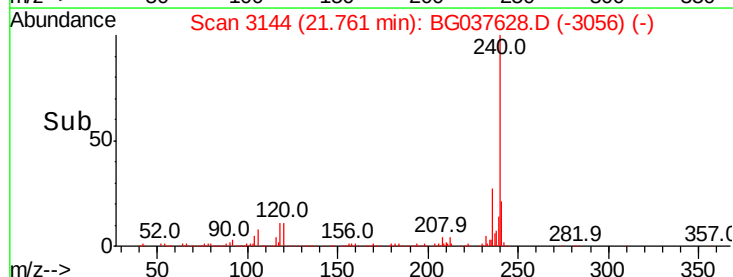
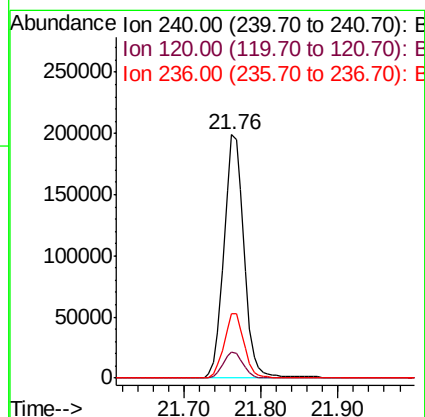
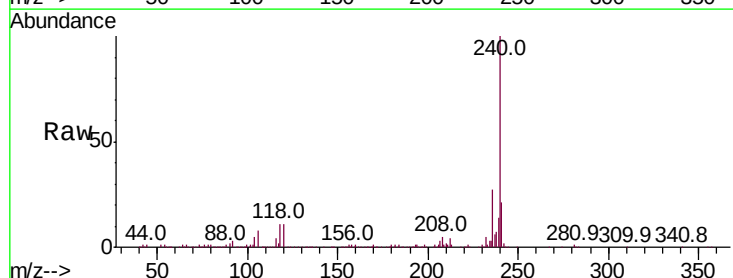
Instrument :
BNA_G
ClientSampleId :
SB-8

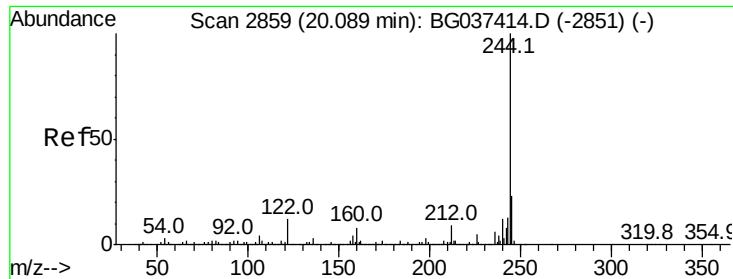
Tot Ion:188 Resp: 395187
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037628.D
Acq: 29 Oct 2018 18:30

Tgt Ion:240 Resp: 361859
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.7 21.4 32.0





#79

Terphenyl-d14

Concen: 72.983 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037628.D

Acq: 29 Oct 2018 18:30

Instrument :

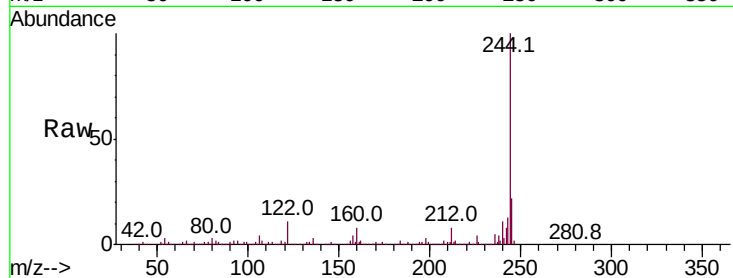
BNA_G

ClientSampleId :

SB-8

Tot Ion:244 Resp: 1235967

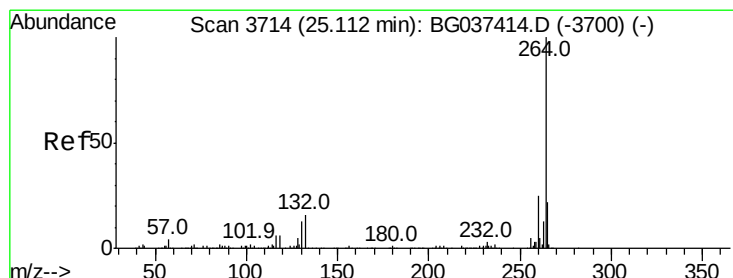
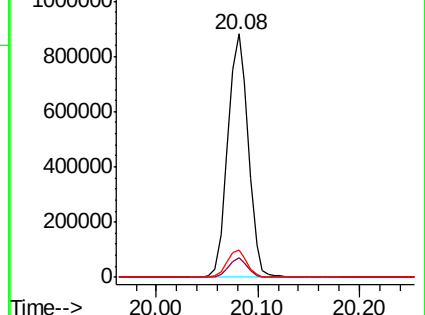
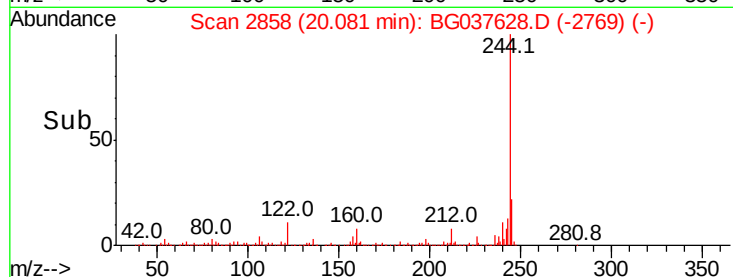
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.0	9.0	13.4



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

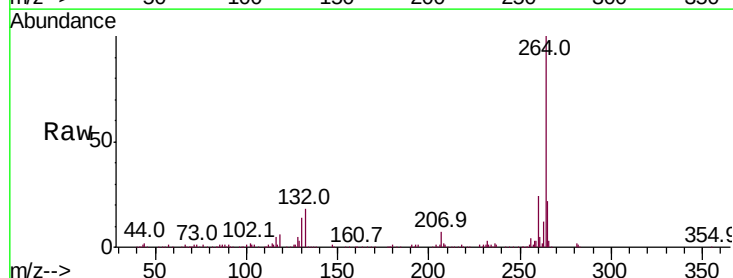
Delta R.T. -0.01 min

Lab File: BG037628.D

Acq: 29 Oct 2018 18:30

Tgt Ion:264 Resp: 356533

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.1	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

