

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037287.D
 Acq On : 12 Oct 2018 11:40
 Operator : JU/SJ
 Sample : J5371-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100818-TIPC-F-D-S

Quant Time: Oct 12 13:34:22 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

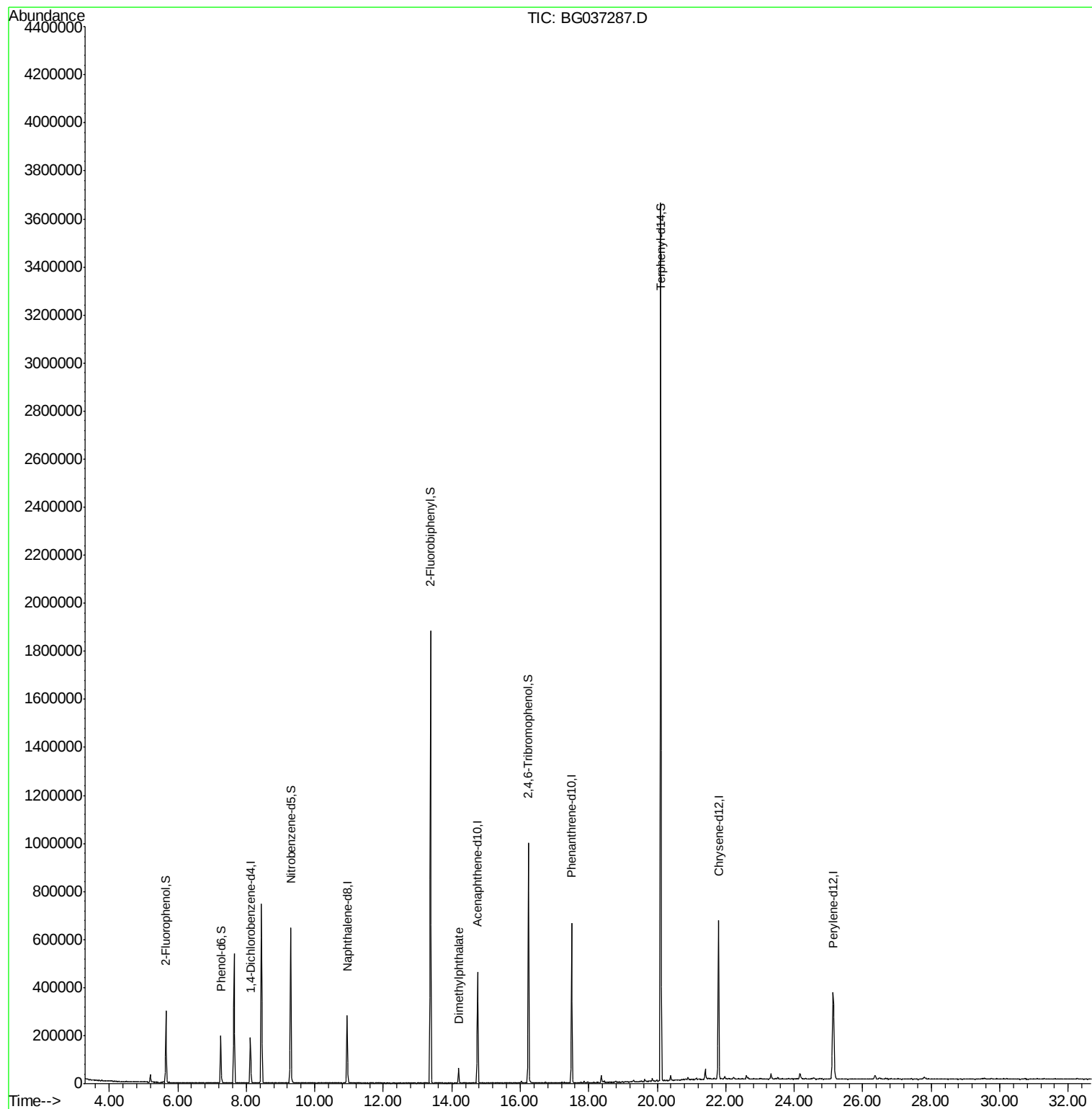
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57805	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	241713	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	168929	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	420208	20.00	ng	0.00
76) Chrysene-d12	21.78	240	413459	20.00	ng	-0.01
87) Perylene-d12	25.13	264	414713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	138578	42.19	ng	0.00
7) Phenol-d6	7.25	99	123625	24.80	ng	0.00
23) Nitrobenzene-d5	9.30	82	397667	108.16	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	171392	103.45	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1027976	91.39	ng	0.00
79) Terphenyl-d14	20.10	244	1714912	87.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.20	163	41977	3.162	ng	Qvalue 98

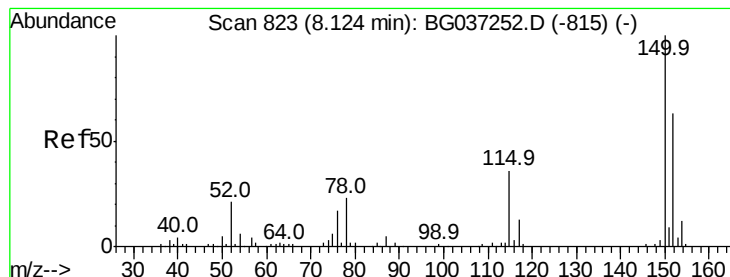
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

Instrument :

BNA_G

ClientSampleId :

100818-TIPC-F-D-S

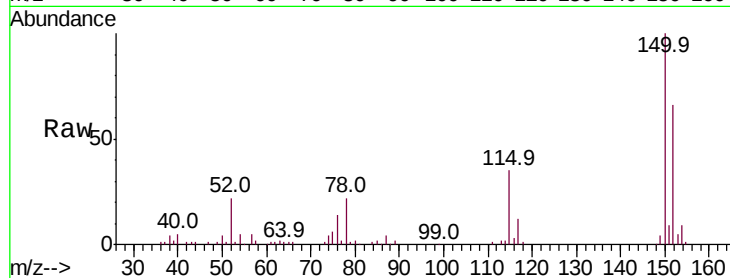
Tot Ion:152 Resp: 57805

Ion Ratio Lower Upper

152 100

150 152.5 126.0 189.0

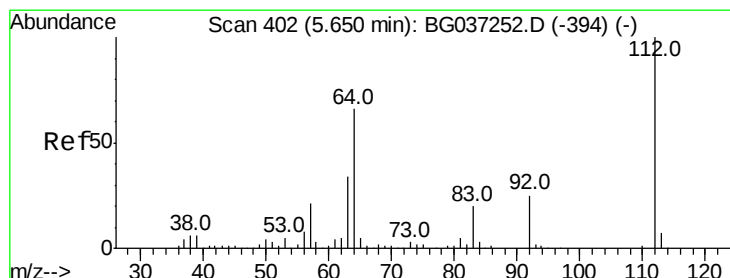
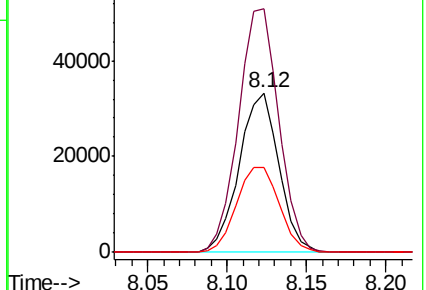
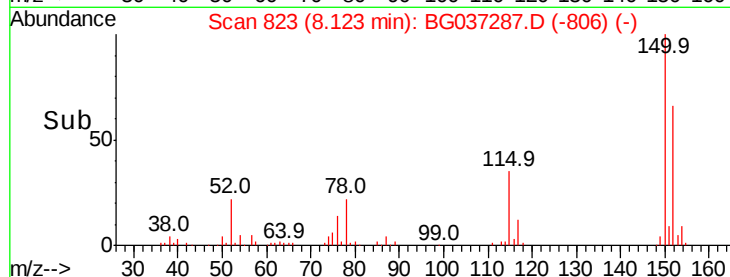
115 53.1 45.5 68.3



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: 42.191 ng

RT: 5.66 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

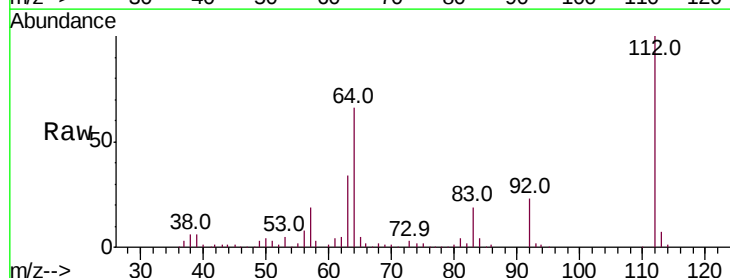
Tgt Ion:112 Resp: 138578

Ion Ratio Lower Upper

112 100

64 65.7 53.1 79.7

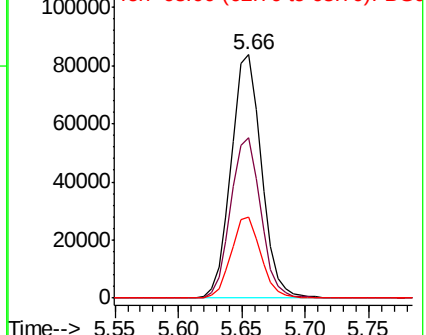
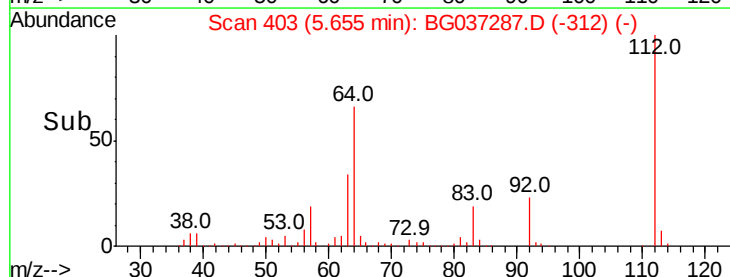
63 33.5 27.3 40.9

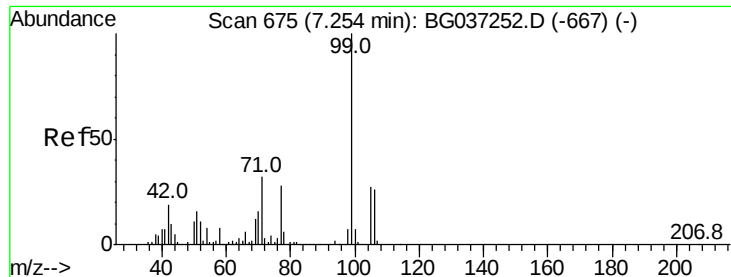


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 24.797 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

Instrument :

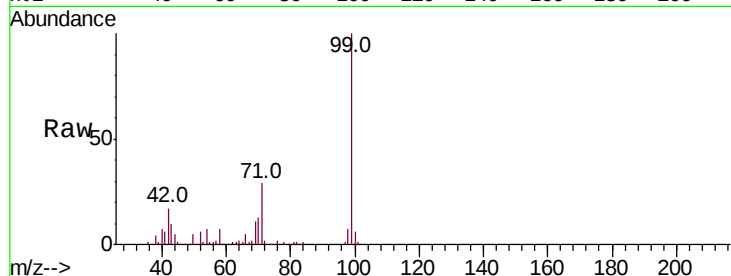
BNA_G

ClientSampleId :

100818-TIPC-F-D-S

Tot Ion: 99 Resp: 123625

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.4
71	28.9	25.5	38.3

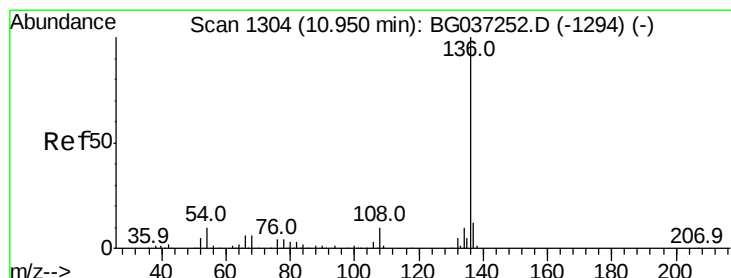
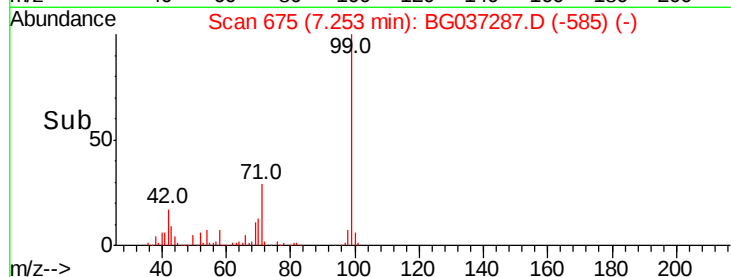
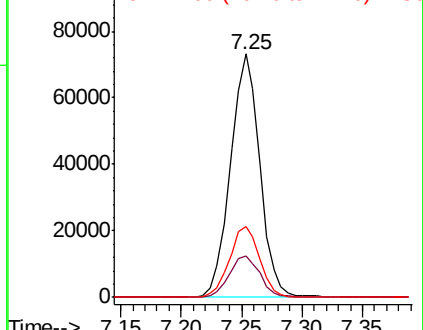


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

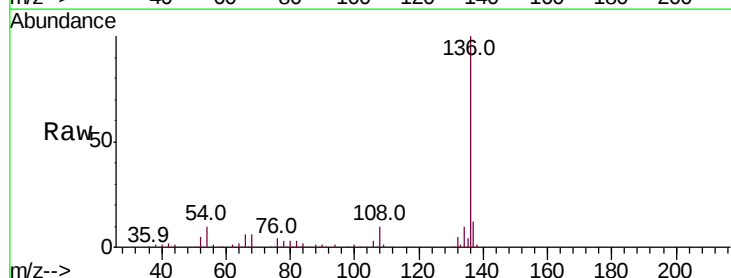
Delta R.T. -0.01 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

Tgt Ion: 136 Resp: 241713

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.3	7.9	11.9
68	6.3	4.8	7.2



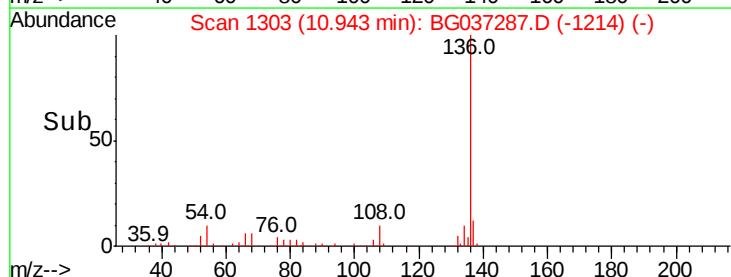
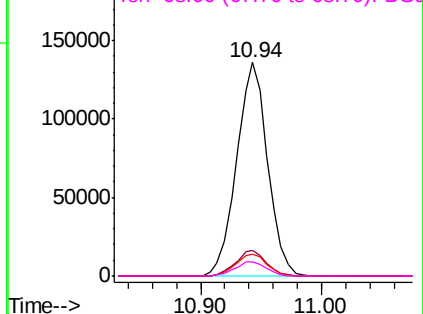
Abundance

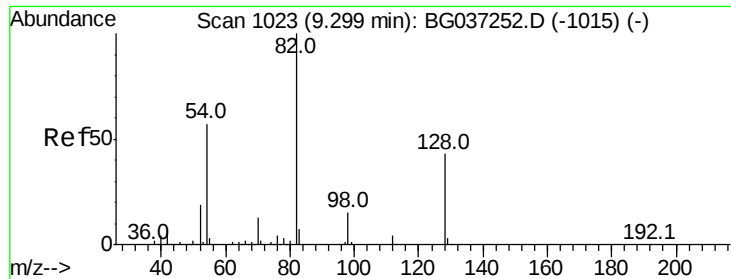
Ion 136.00 (135.70 to 136.70): BGC

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

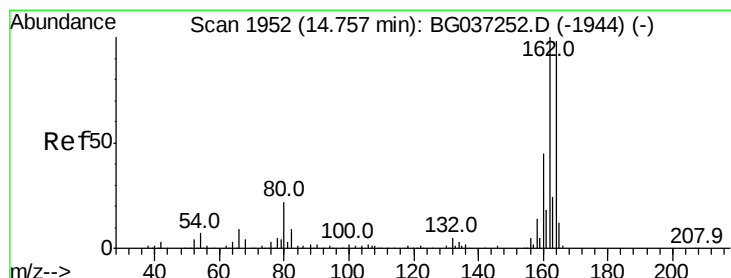
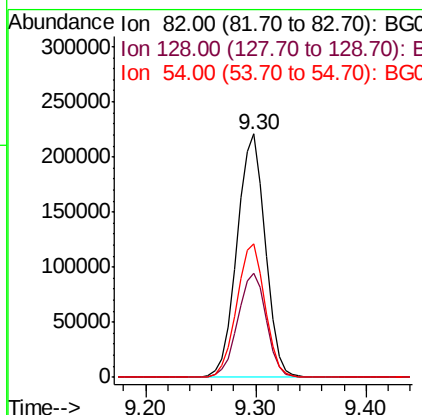
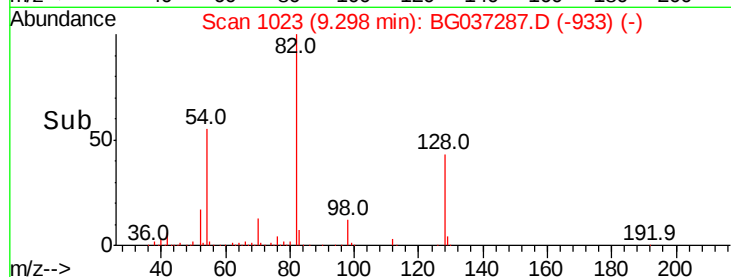
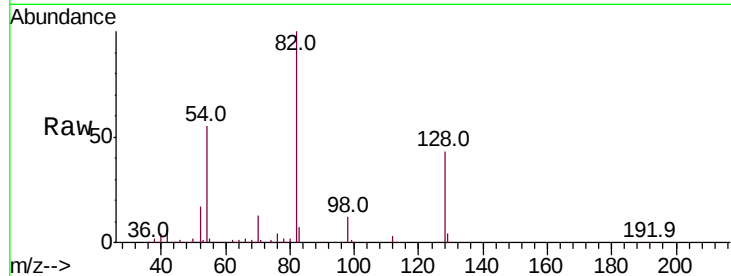




#23
Nitrobenzene-d5
Concen: 108.164 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037287.D
Acq: 12 Oct 2018 11:40

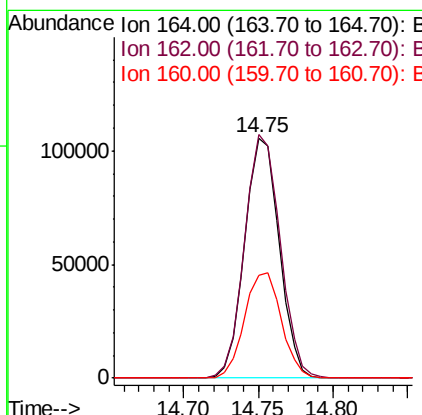
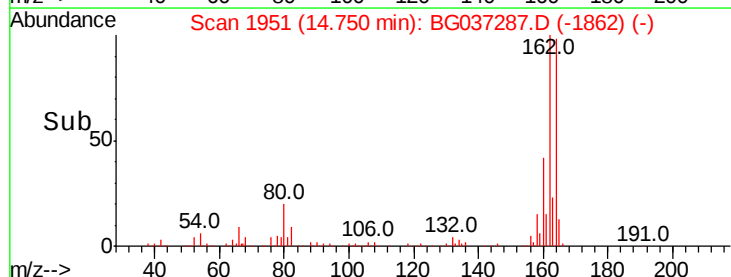
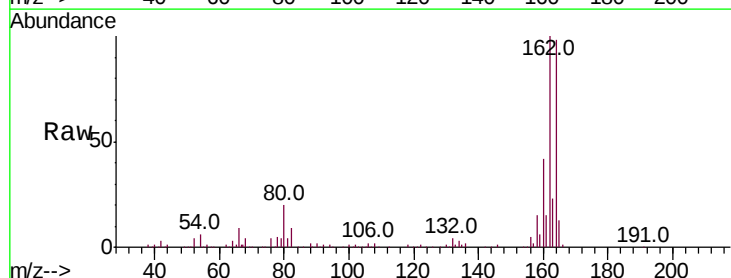
Instrument :
BNA_G
ClientSampleId :
100818-TIPC-F-D-S

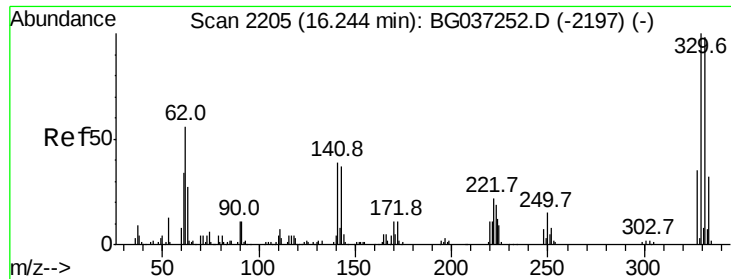
Tot Ion	82	Resp	397667
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	51.8
54	55.1	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037287.D
Acq: 12 Oct 2018 11:40

Tgt Ion	164	Resp	168929
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	42.6	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 103.453 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

Instrument :

BNA_G

ClientSampleId :

100818-TIPC-F-D-S

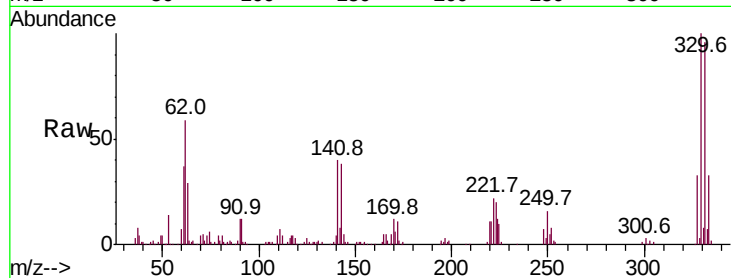
Tot Ion:330 Resp: 171392

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

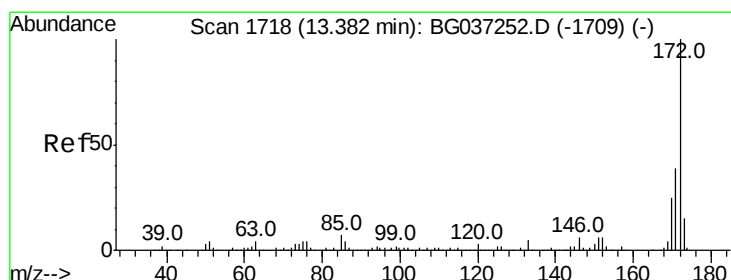
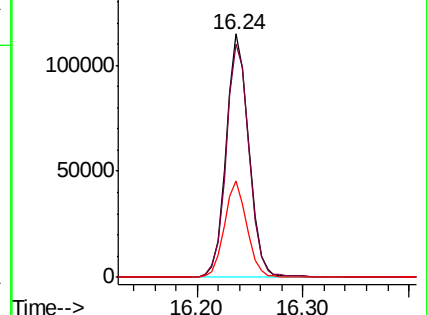
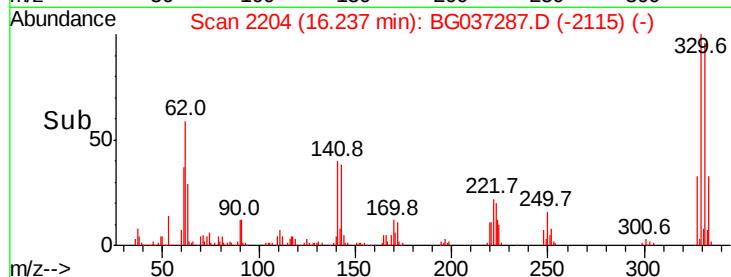
141 39.1 32.2 48.2



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: 91.386 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

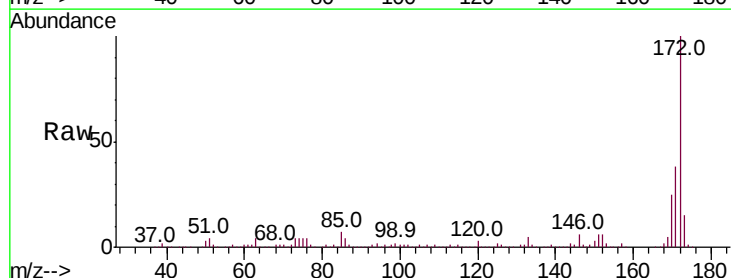
Tgt Ion:172 Resp: 1027976

Ion Ratio Lower Upper

172 100

171 38.2 31.0 46.4

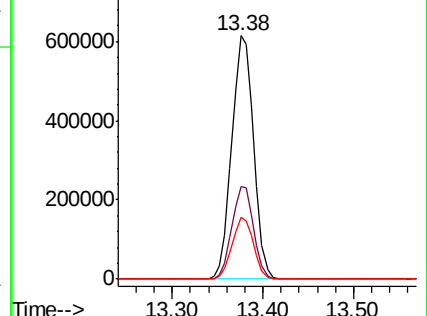
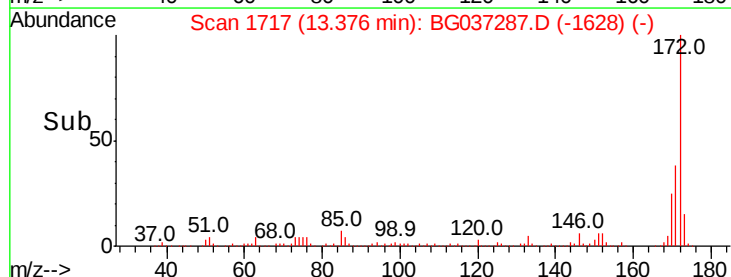
170 25.4 20.2 30.2

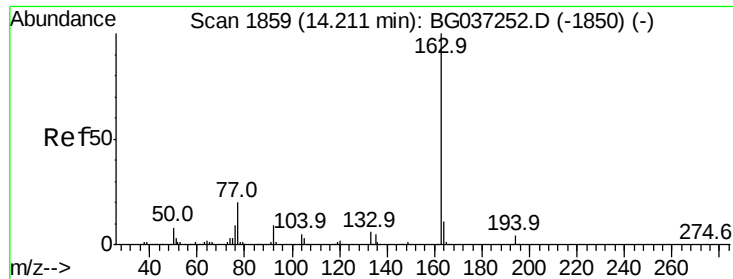


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.162 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

Instrument :

BNA_G

ClientSampleId :

100818-TIPC-F-D-S

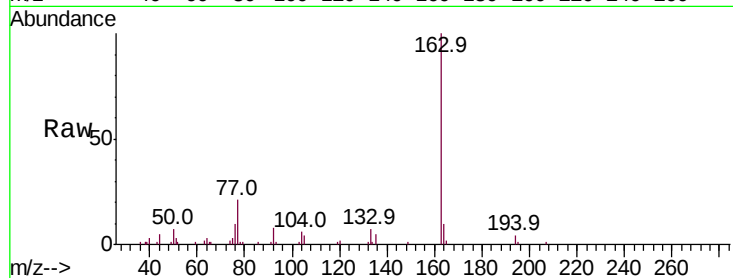
Tot Ion:163 Resp: 41977

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

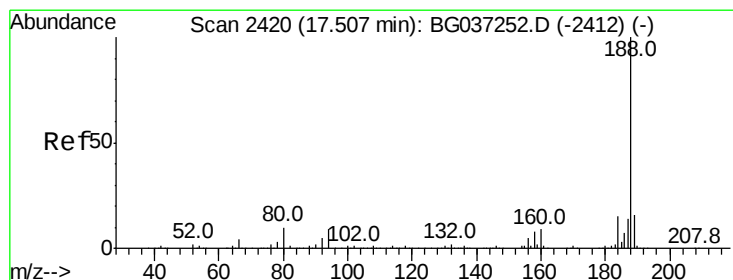
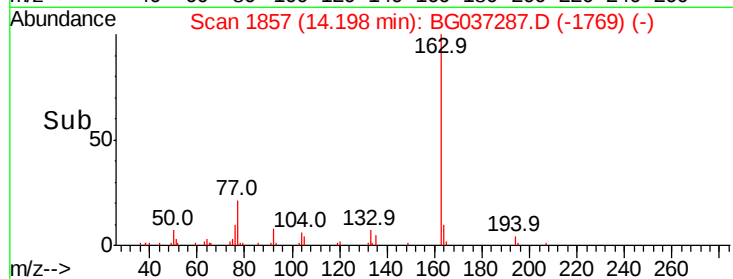
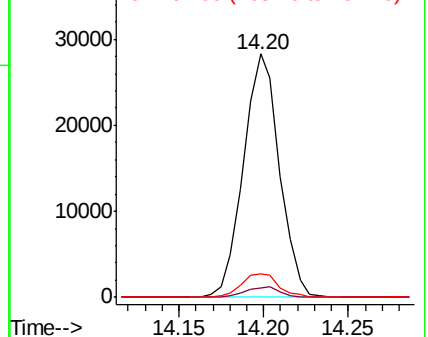
164 9.8 8.5 12.7



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. -0.01 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

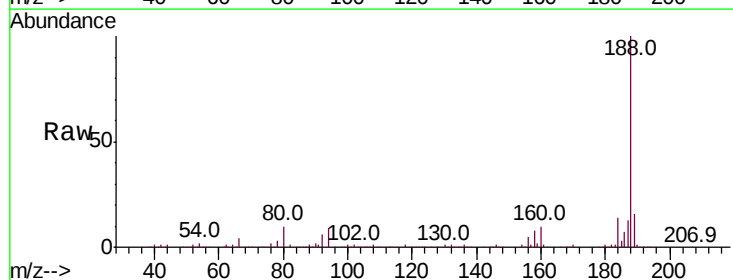
Tgt Ion:188 Resp: 420208

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

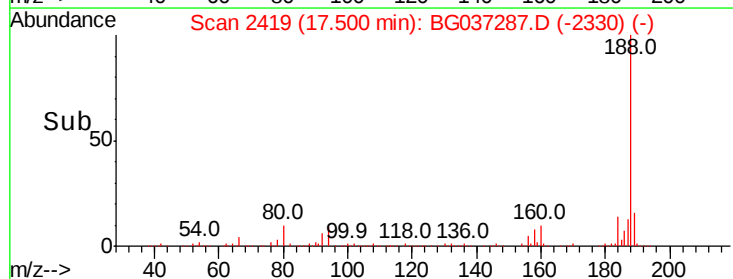
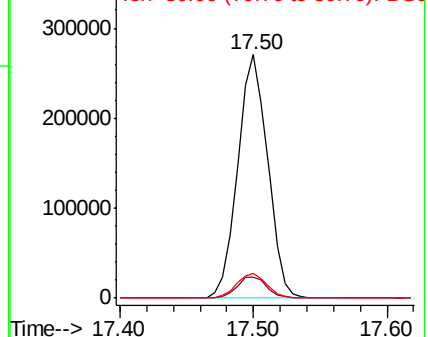
80 10.0 7.7 11.5

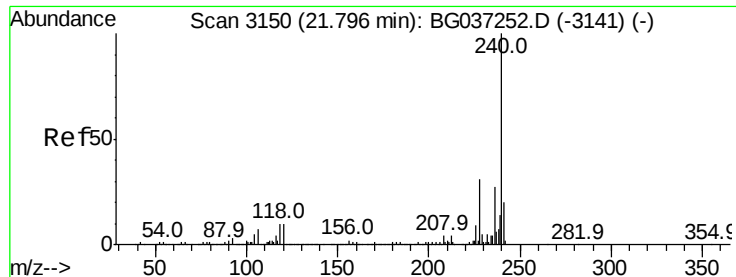


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

Instrument :

BNA_G

ClientSampleId :

100818-TIPC-F-D-S

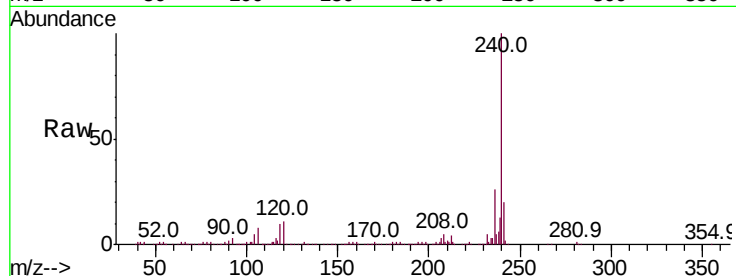
Tot Ion:240 Resp: 413459

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

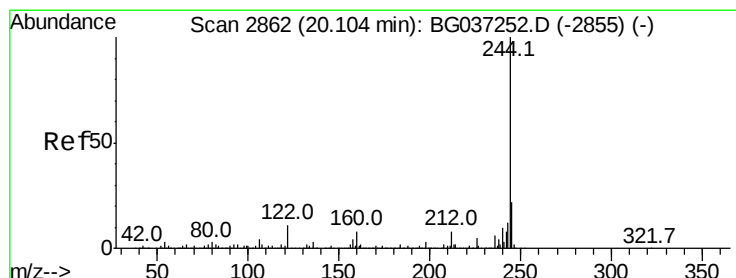
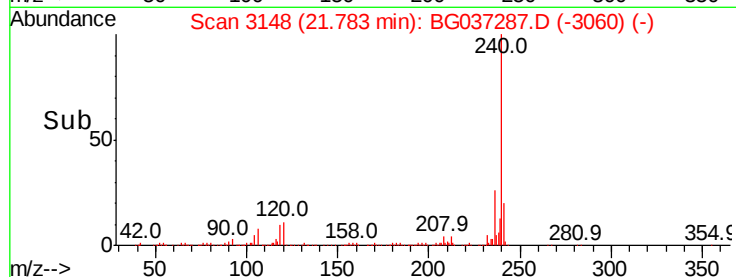
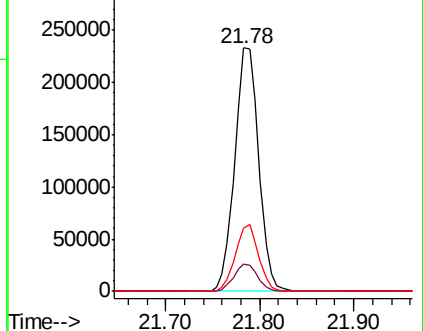
236 26.0 21.4 32.0



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: 87.092 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037287.D

Acq: 12 Oct 2018 11:40

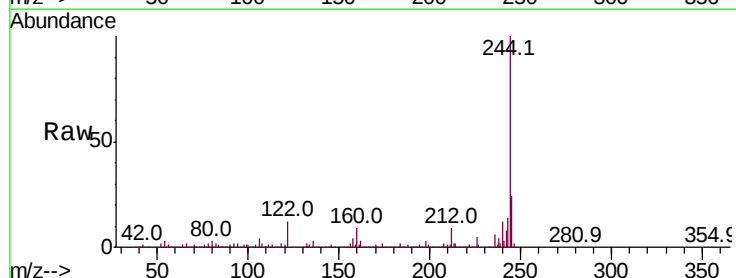
Tgt Ion:244 Resp: 1714912

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

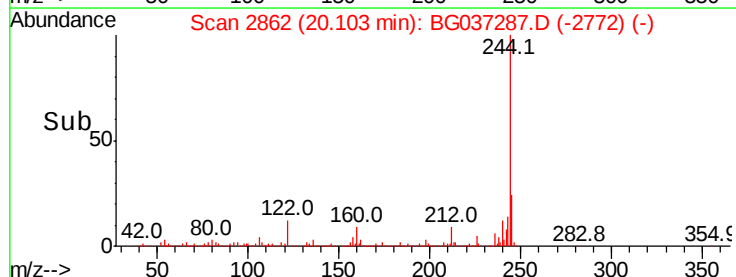
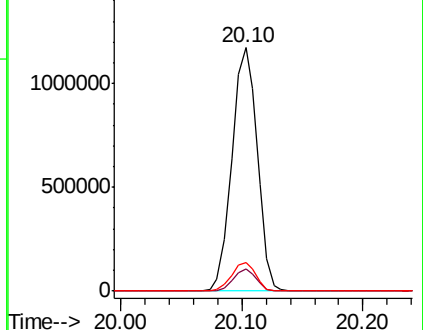
122 12.0 9.0 13.4

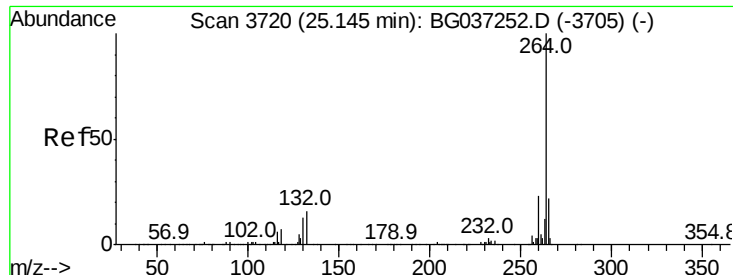


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG037287.D
 Acq: 12 Oct 2018 11:40

Instrument :
 BNA_G
 ClientSampleId :
 100818-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	22.0	17.9	26.9

