

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037304.D
 Acq On : 12 Oct 2018 23:34
 Operator : JU/SJ
 Sample : J5205-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-101118

Quant Time: Oct 13 00:48:06 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	53248	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	224489	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	151880	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	398021	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	386415	20.00	ng	-0.01
87) Perylene-d12	25.13	264	390325	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	369088	121.99	ng	0.00
7) Phenol-d6	7.25	99	476604	103.78	ng	0.00
23) Nitrobenzene-d5	9.29	82	324897	95.15	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	234704	157.57	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	756588	74.81	ng	0.00
79) Terphenyl-d14	20.10	244	1454085	79.01	ng	0.00

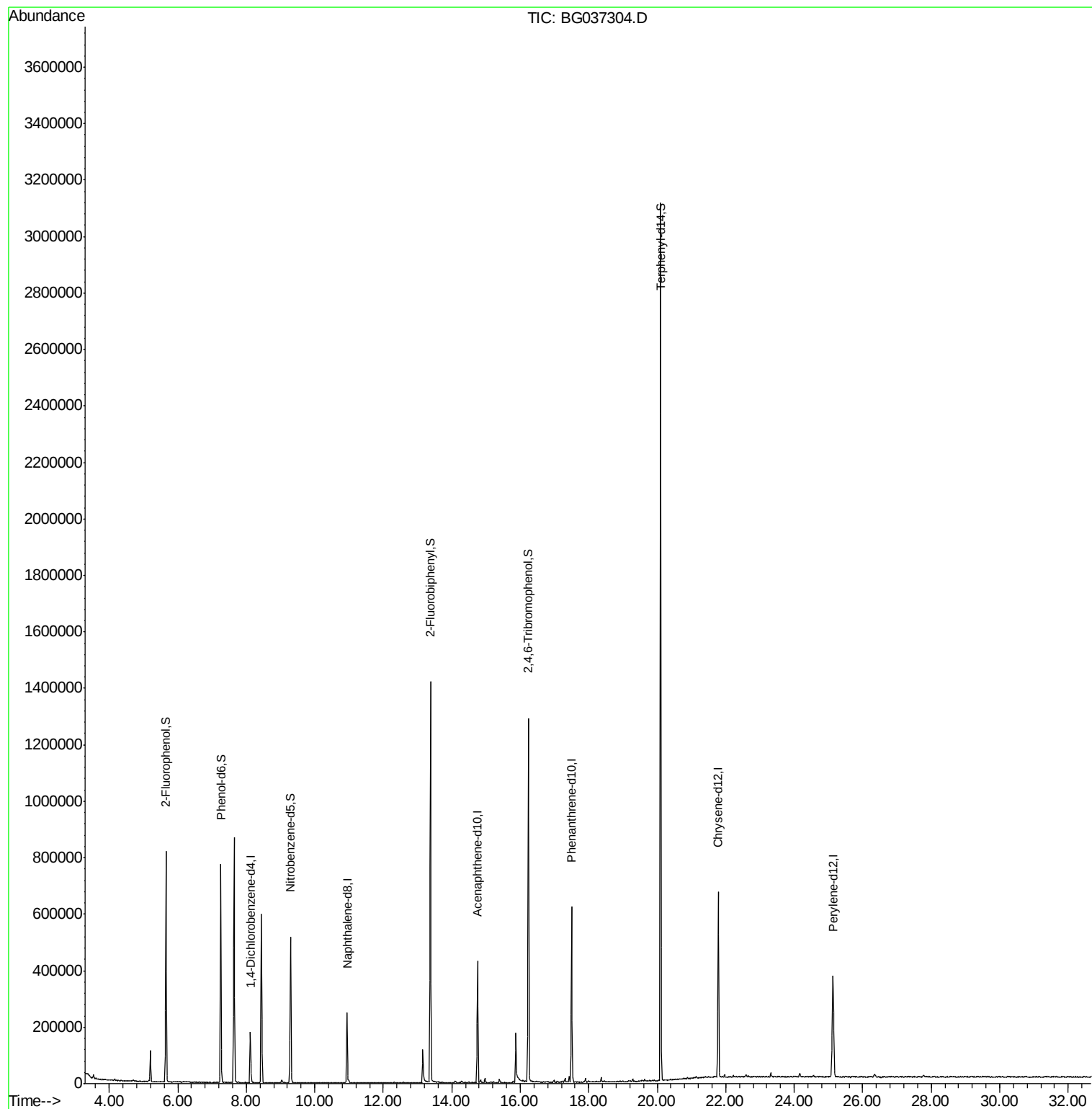
Target Compounds Qvalue

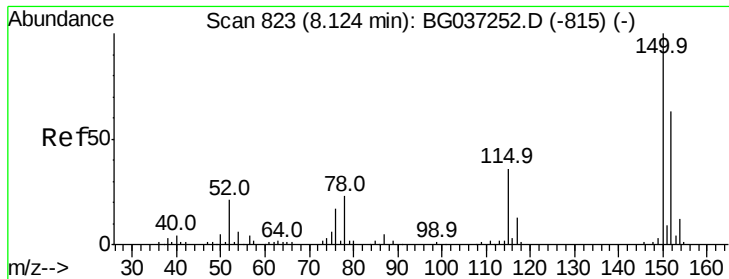
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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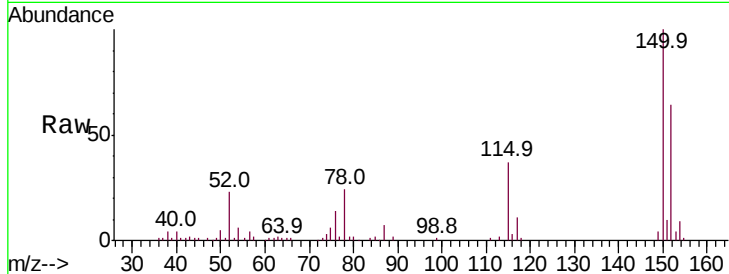


#1

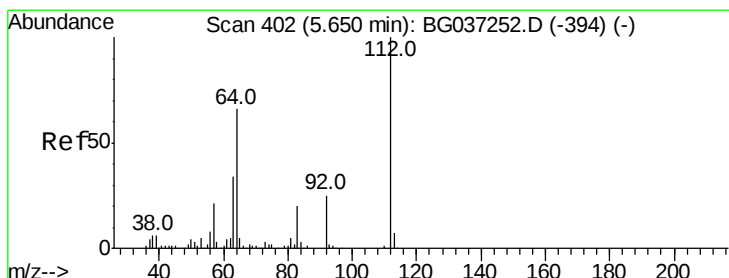
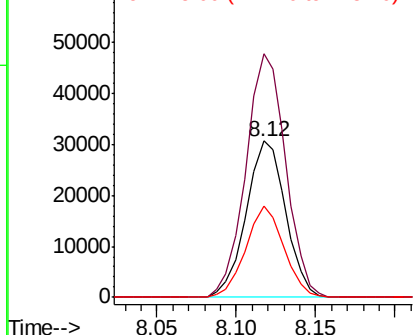
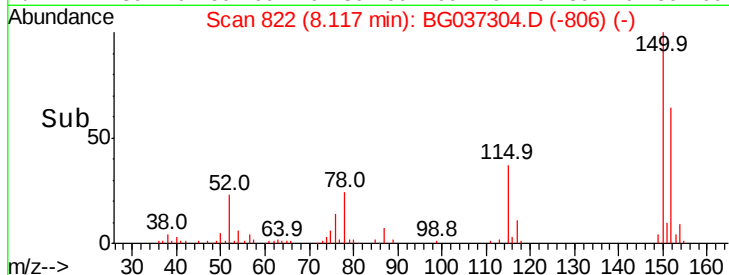
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Instrument :
BNA_G
ClientSampleId :
TR-04-101118

Tot Ion:152 Resp: 53248
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 58.0 45.5 68.3



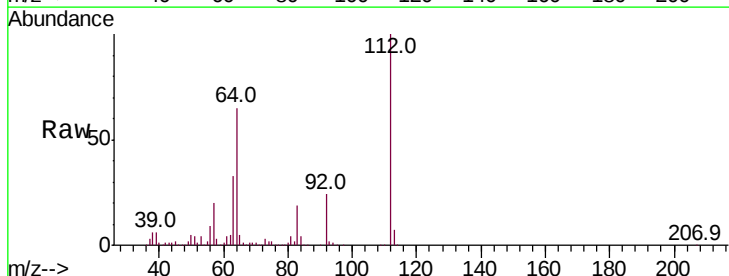
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



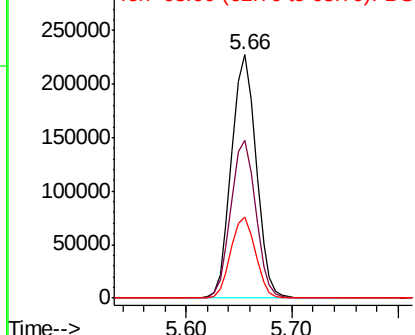
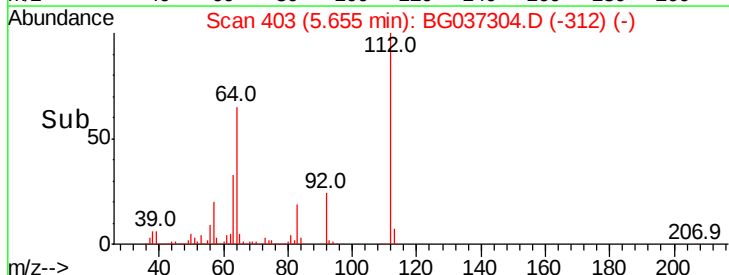
#5

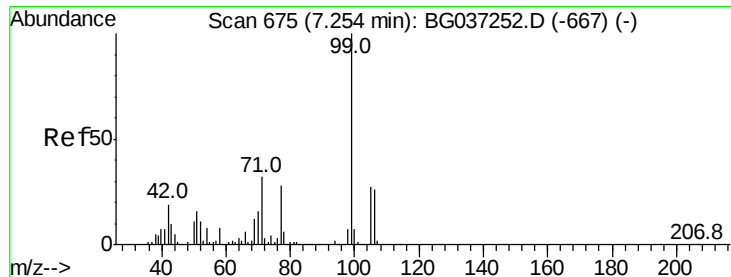
2-Fluorophenol
Concen: 121.988 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion:112 Resp: 369088
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 33.2 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: 103.781 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Instrument :

BNA_G

ClientSampleId :

TR-04-101118

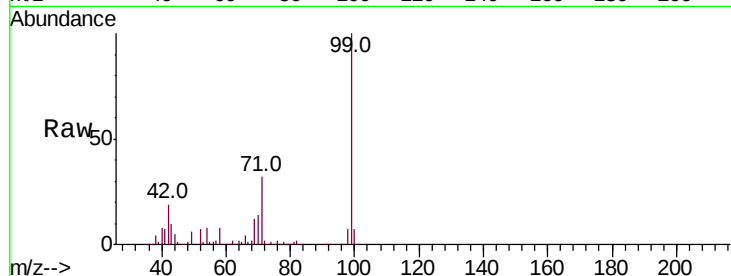
Tot Ion: 99 Resp: 476604

Ion Ratio Lower Upper

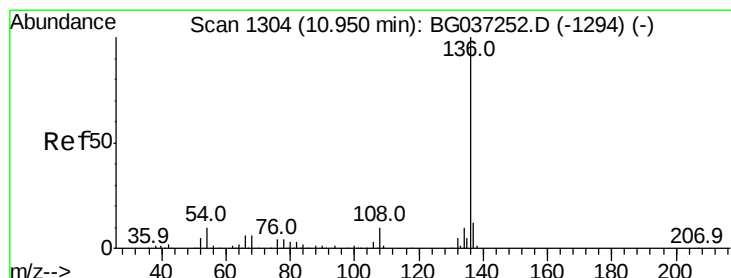
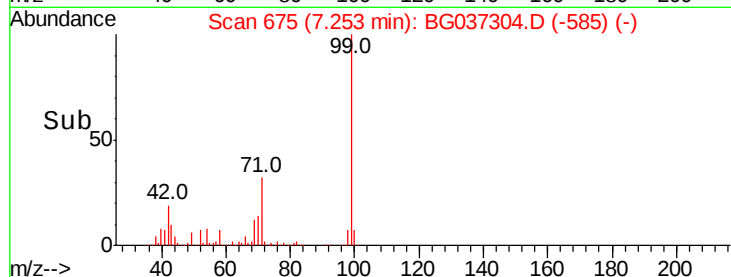
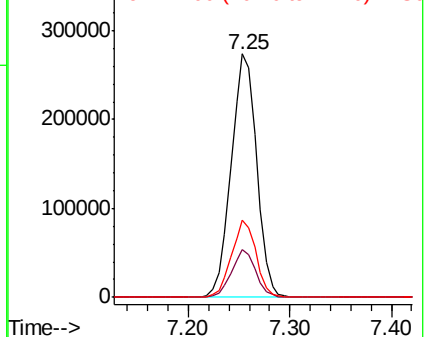
99 100

42 19.4 15.0 22.4

71 31.8 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: BG037304.D

Acq: 12 Oct 2018 23:34

Tgt Ion: 136 Resp: 224489

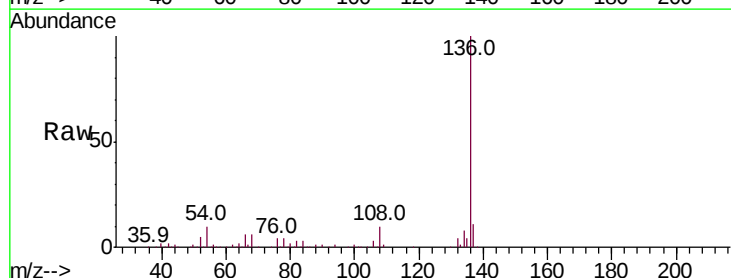
Ion Ratio Lower Upper

136 100

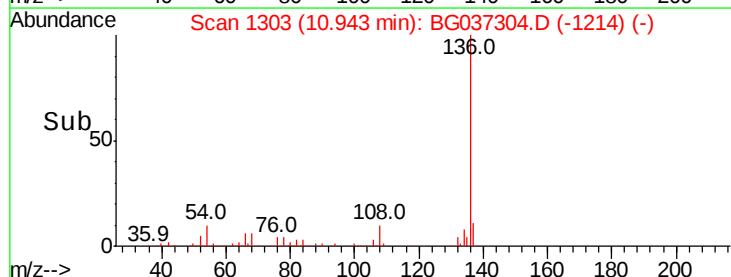
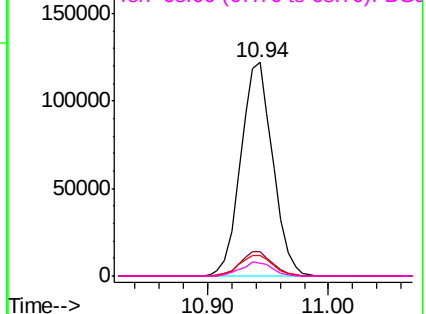
137 11.2 9.6 14.4

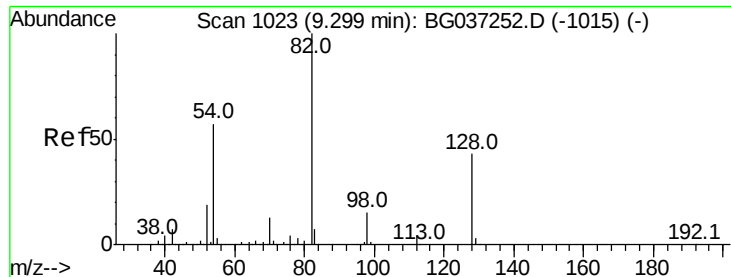
54 9.7 7.9 11.9

68 6.0 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

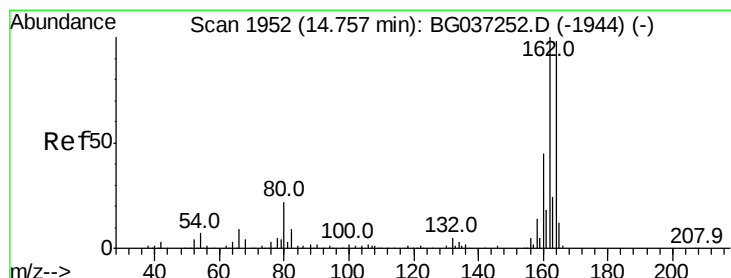
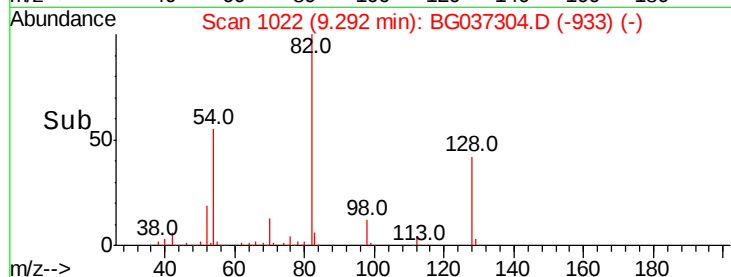
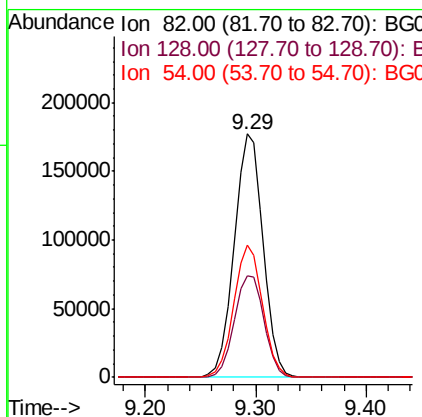
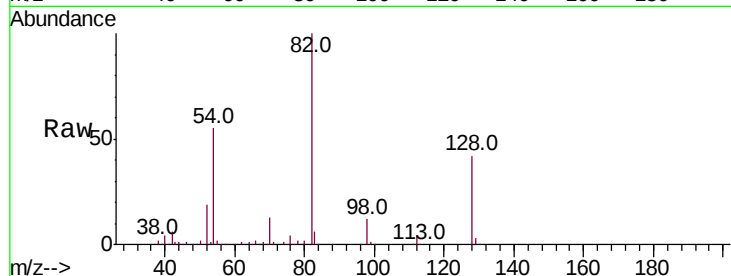




#23
Nitrobenzene-d5
Concen: 95.151 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

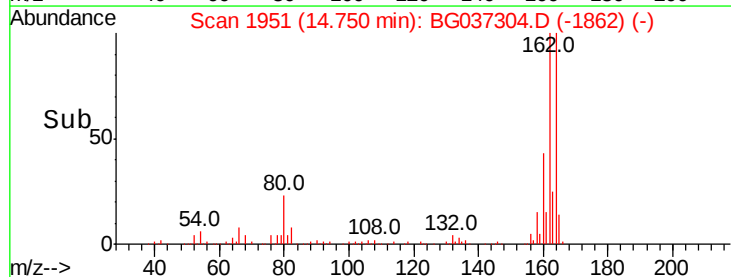
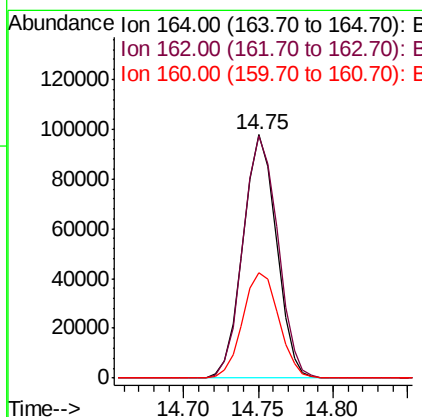
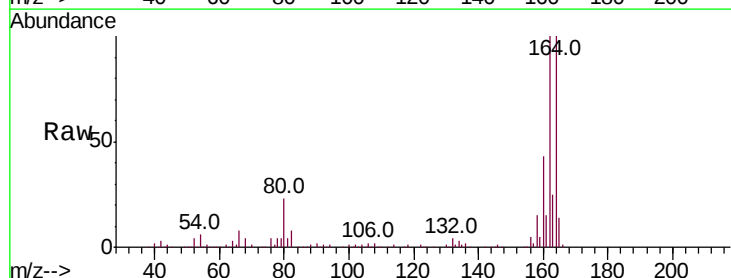
Instrument :
BNA_G
ClientSampleId :
TR-04-101118

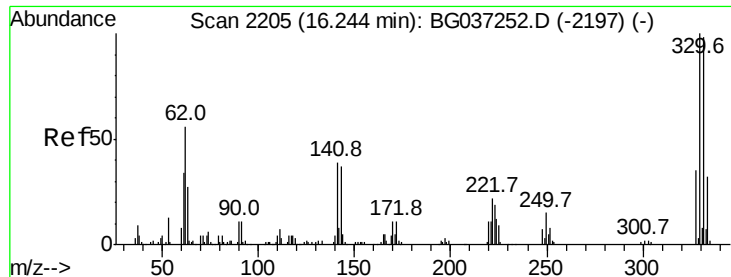
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	54.6	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037304.D
Acq: 12 Oct 2018 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.3	121.9
160	43.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 157.570 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Instrument :

BNA_G

ClientSampleId :

TR-04-101118

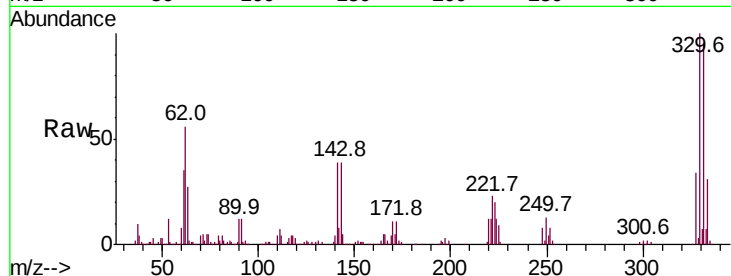
Tot Ion:330 Resp: 234704

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

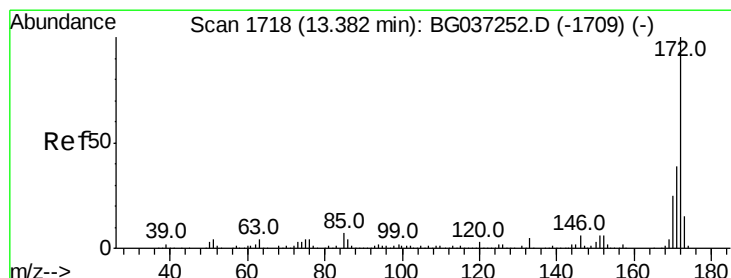
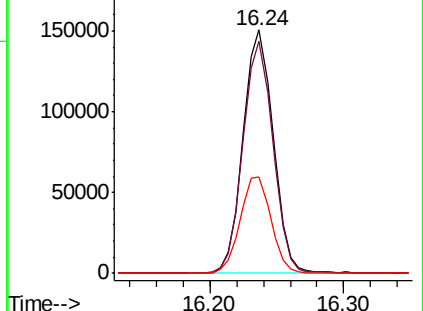
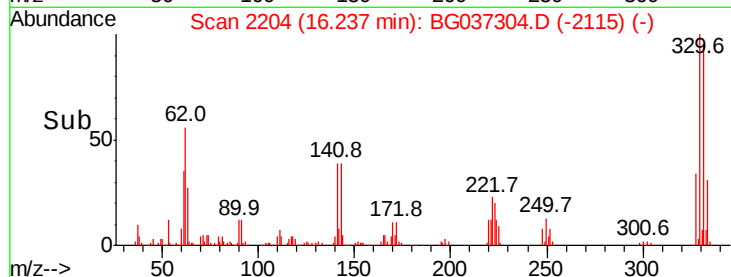
141 40.7 32.2 48.2



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: 74.810 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

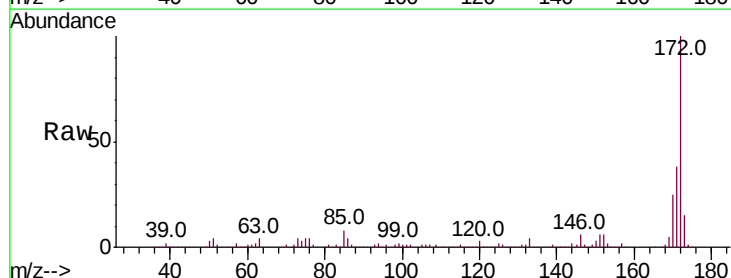
Tgt Ion:172 Resp: 756588

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.4

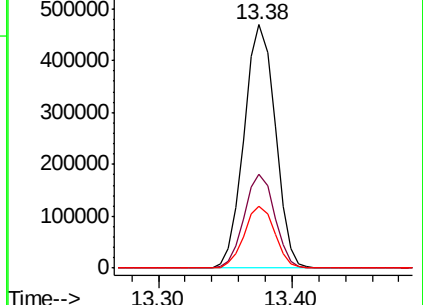
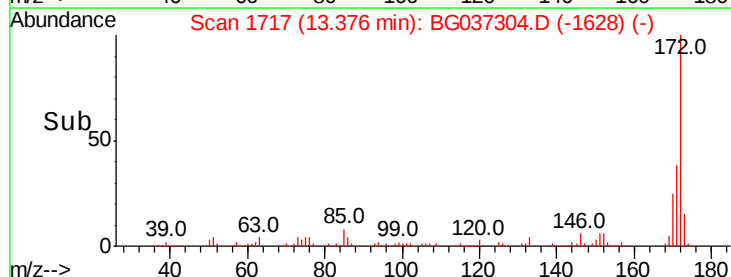
170 25.2 20.2 30.2

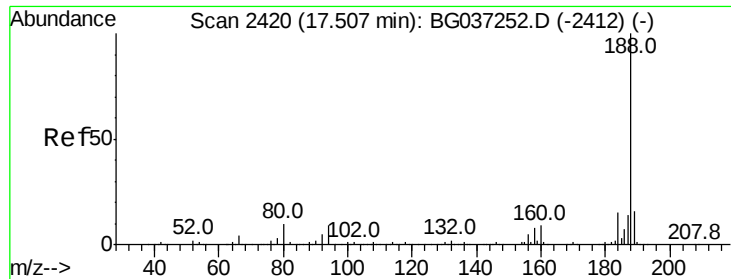


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

Instrument :

BNA_G

ClientSampleId :

TR-04-101118

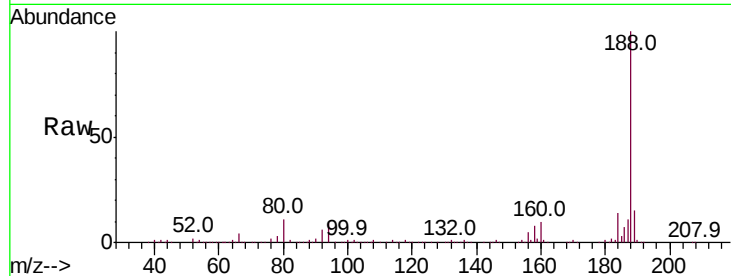
Tot Ion:188 Resp: 398021

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

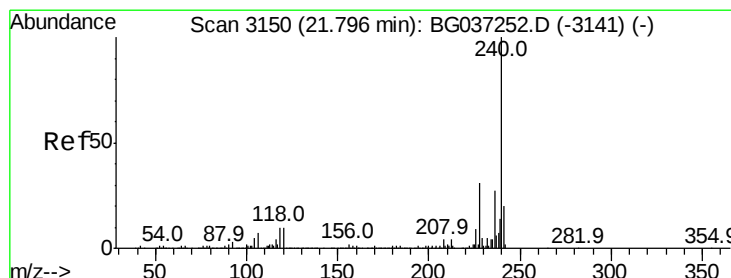
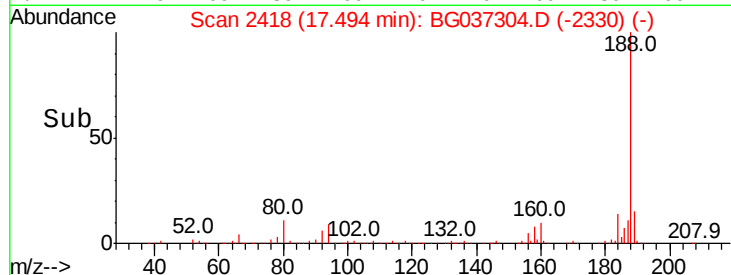
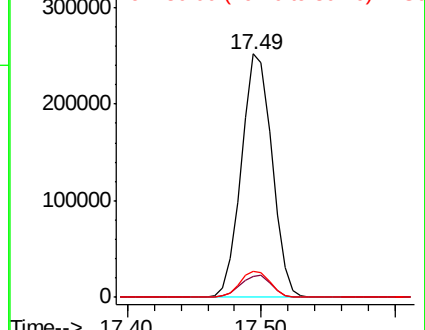
80 10.8 7.7 11.5



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: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037304.D

Acq: 12 Oct 2018 23:34

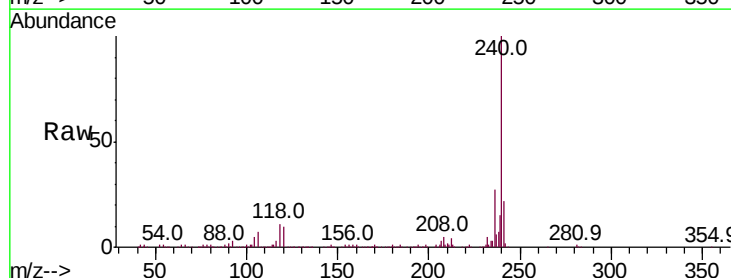
Tgt Ion:240 Resp: 386415

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

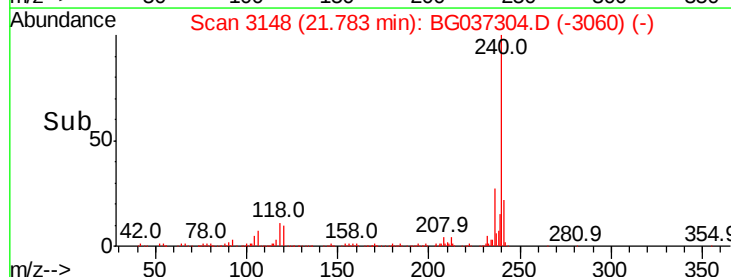
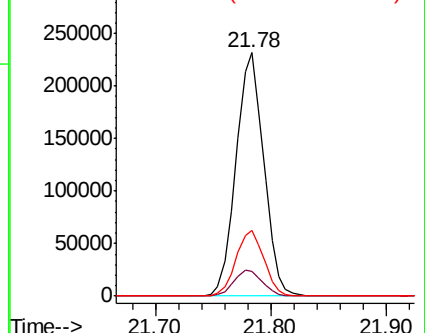
236 27.1 21.4 32.0

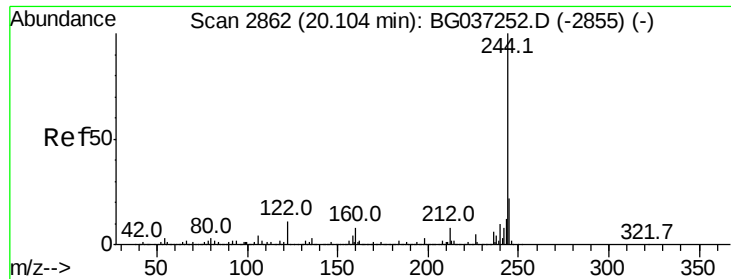


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



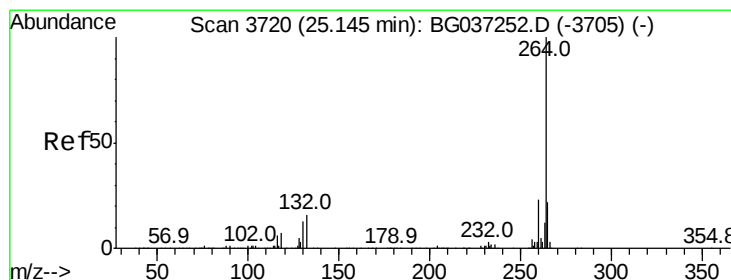
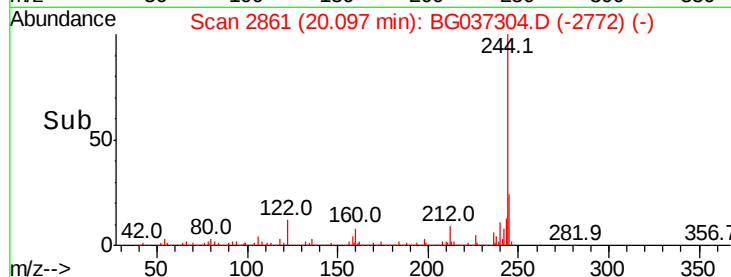
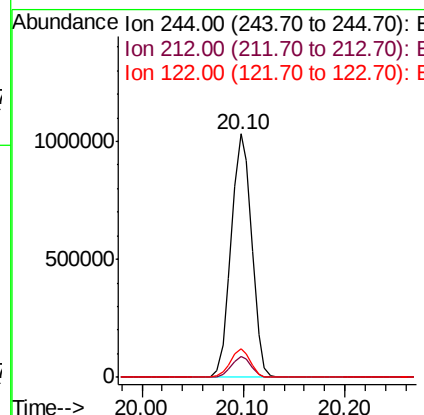
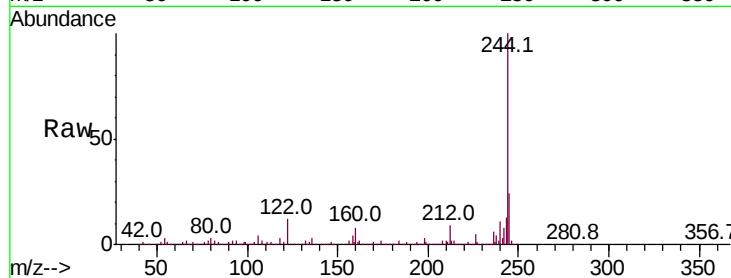


#79
 Terphenyl-d14
 Concen: 79.014 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037304.D
 Acq: 12 Oct 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-101118

Tot Ion:244 Resp: 1454085

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.8	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG037304.D
 Acq: 12 Oct 2018 23:34

Tgt Ion:264 Resp: 390325

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.3	17.9	26.9

