

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037703.D
 Acq On : 1 Nov 2018 4:46
 Operator : JU/SJ
 Sample : J5205-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-103018-B

Quant Time: Nov 01 07:27:31 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	54010	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	232514	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	159936	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	386664	20.00	ng	0.00
76) Chrysene-d12	21.77	240	355350	20.00	ng	0.00
87) Perylene-d12	25.10	264	260826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	351637	108.85	ng	0.00
7) Phenol-d6	7.24	99	459509	94.07	ng	0.00
23) Nitrobenzene-d5	9.27	82	341117	82.18	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	159689	91.54	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	800635	75.49	ng	-0.01
79) Terphenyl-d14	20.08	244	1327582	79.83	ng	0.00

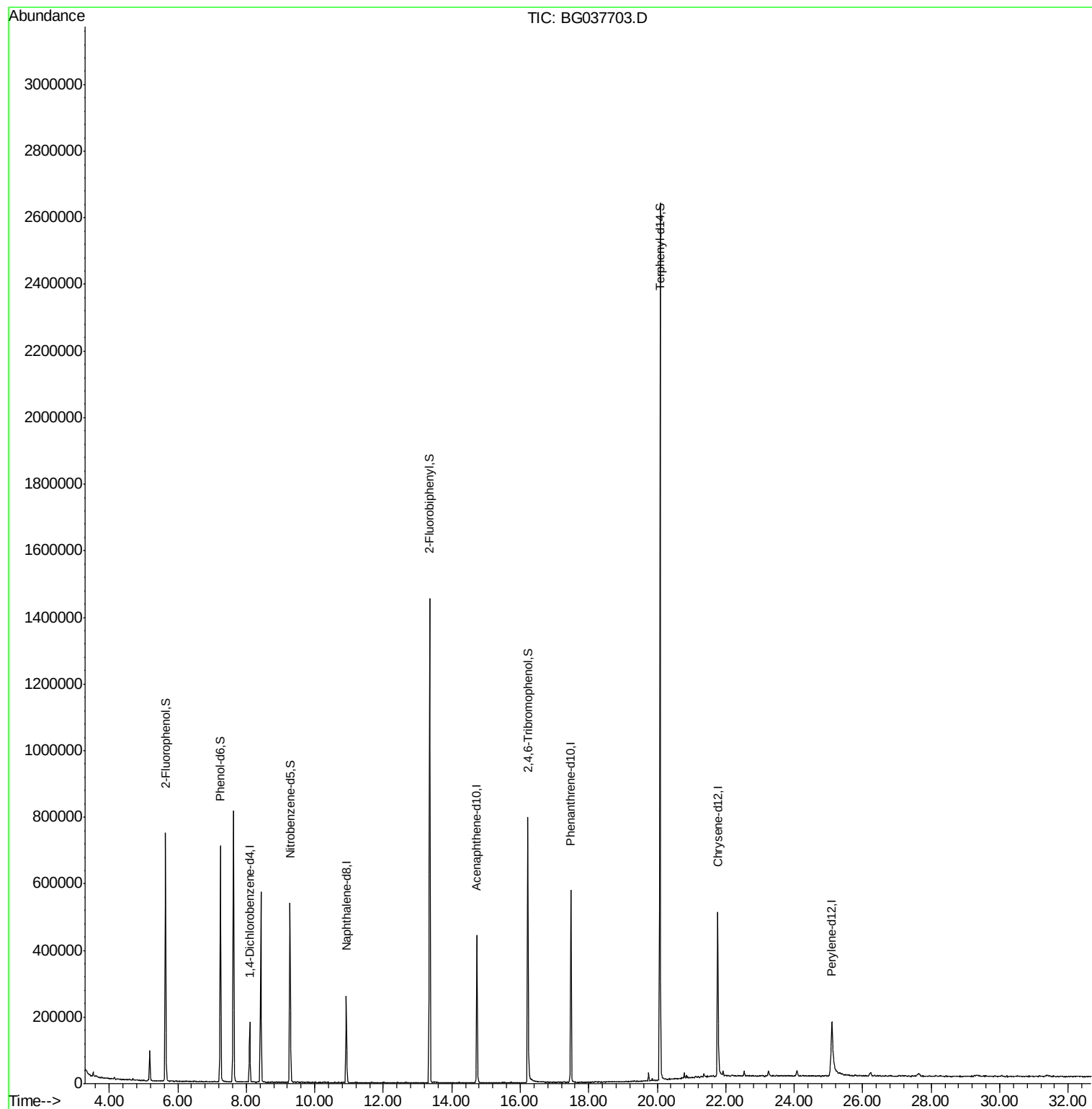
Target Compounds Qvalue

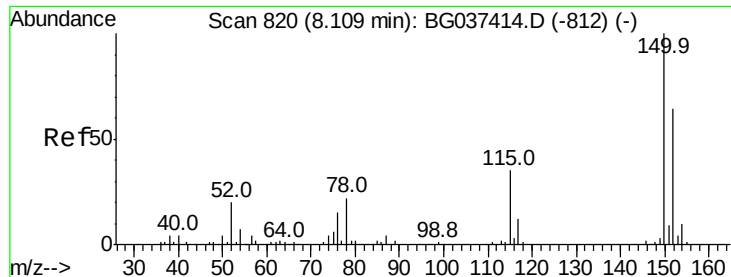
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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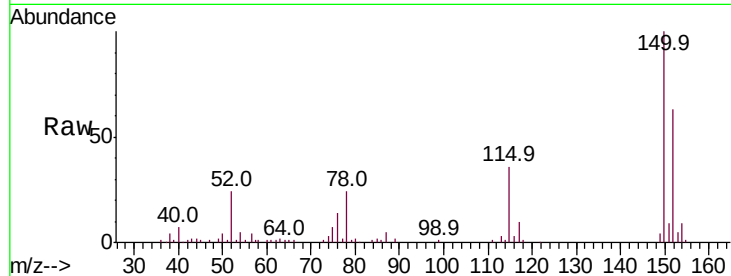


#1

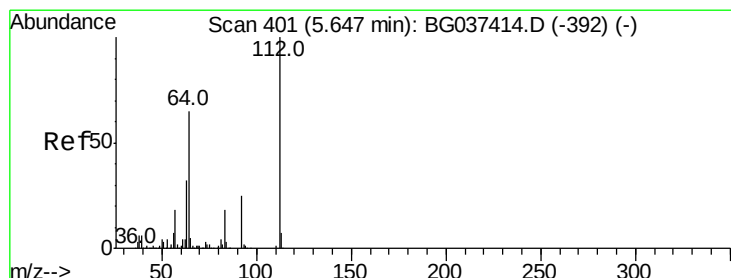
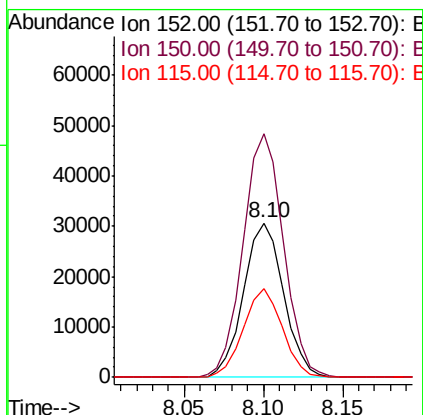
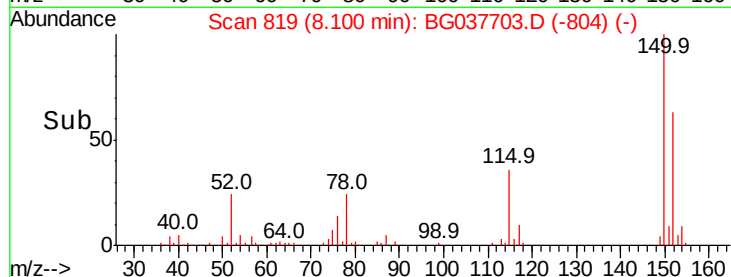
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037703.D
Acq: 1 Nov 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TR-04-103018-B

Tot Ion:152 Resp: 54010
Ion Ratio Lower Upper
152 100
150 157.9 126.0 189.0
115 57.3 45.5 68.3



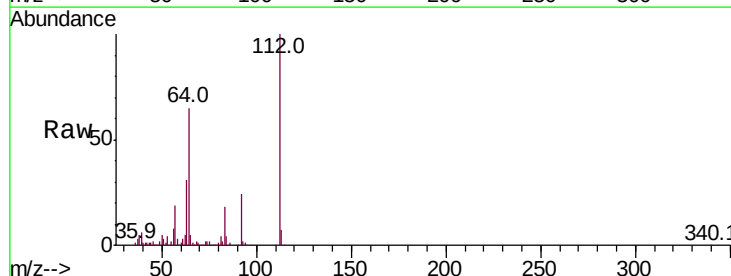
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



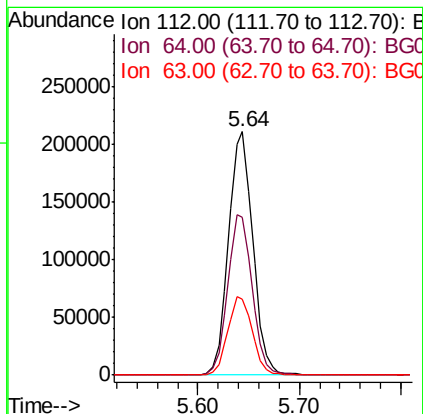
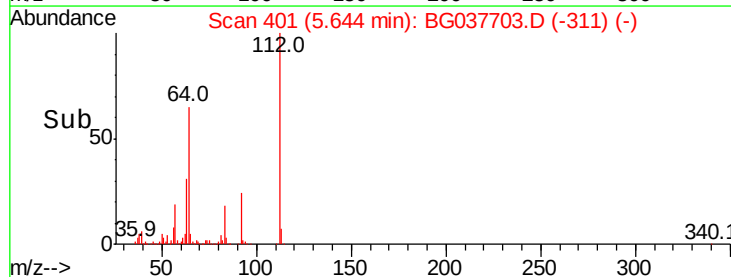
#5

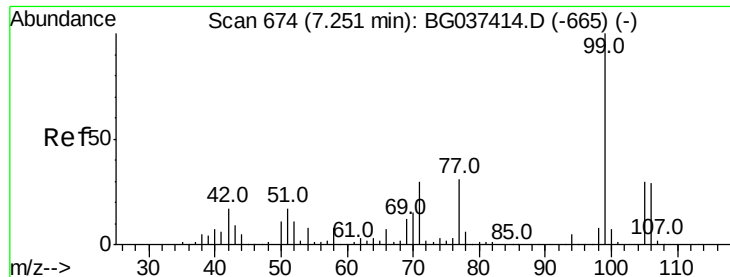
2-Fluorophenol
Concen: 108.848 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037703.D
Acq: 1 Nov 2018 4:46

Tgt Ion:112 Resp: 351637
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 30.9 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: 94.065 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TR-04-103018-B

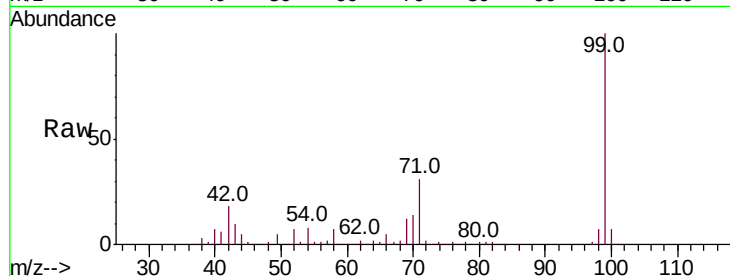
Tot Ion: 99 Resp: 459509

Ion Ratio Lower Upper

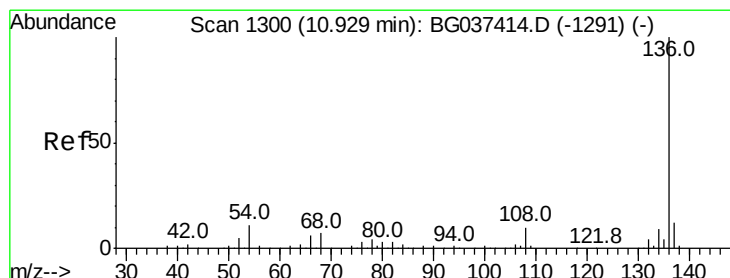
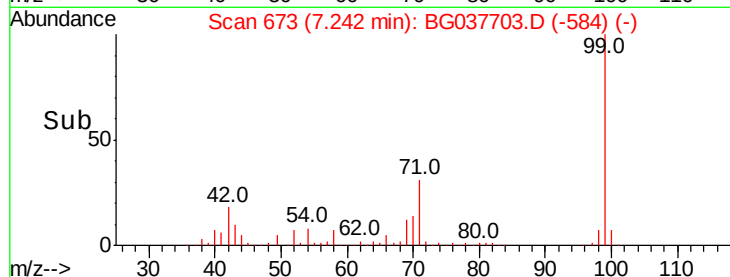
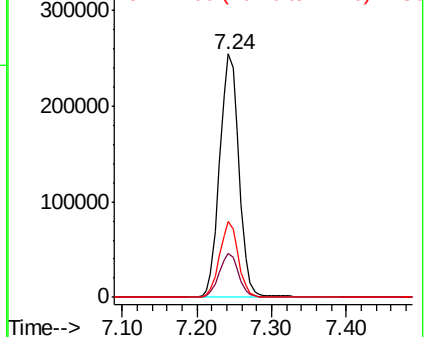
99 100

42 18.0 15.0 22.4

71 31.3 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Tgt Ion: 136 Resp: 232514

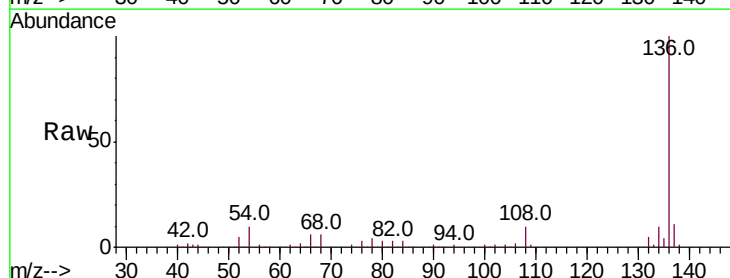
Ion Ratio Lower Upper

136 100

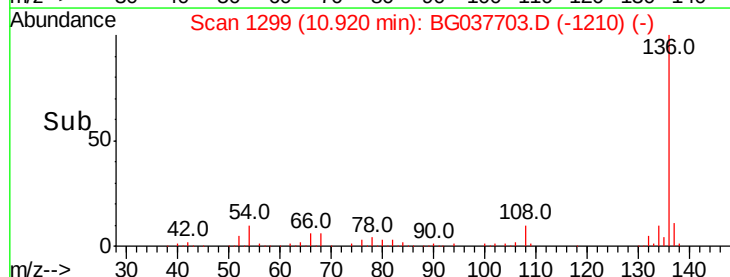
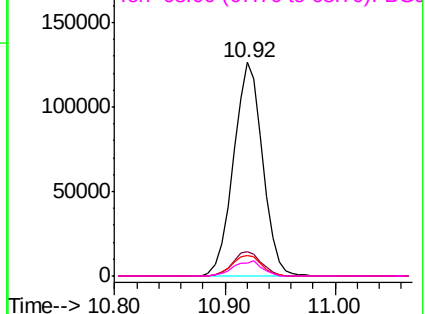
137 11.2 9.6 14.4

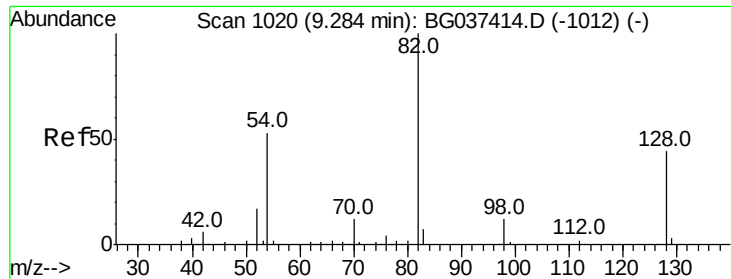
54 9.8 7.9 11.9

68 6.2 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

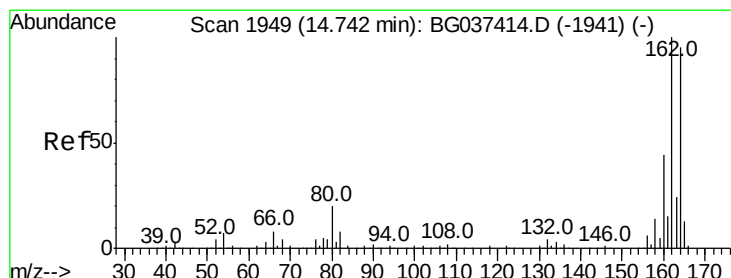
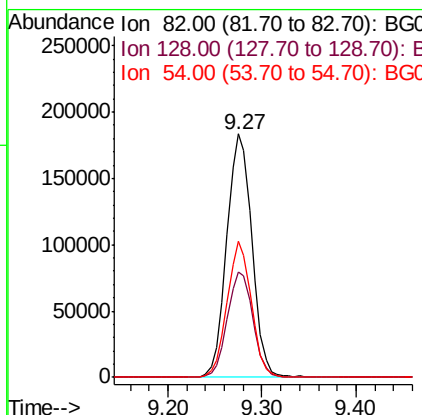
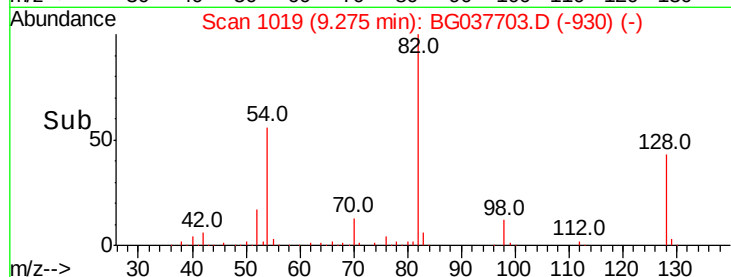
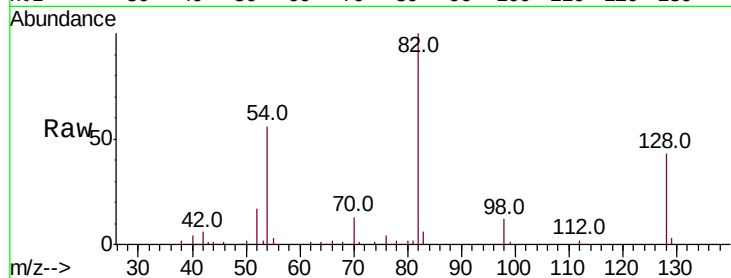




#23
 Nitrobenzene-d5
 Concen: 82.184 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037703.D
 Acq: 1 Nov 2018 4:46

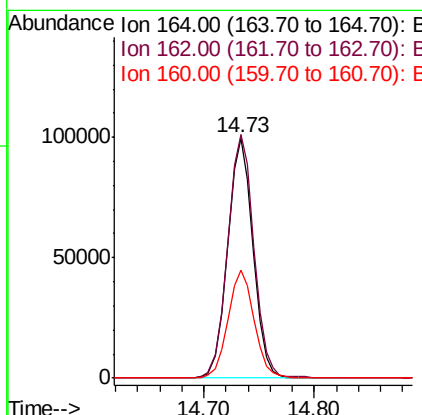
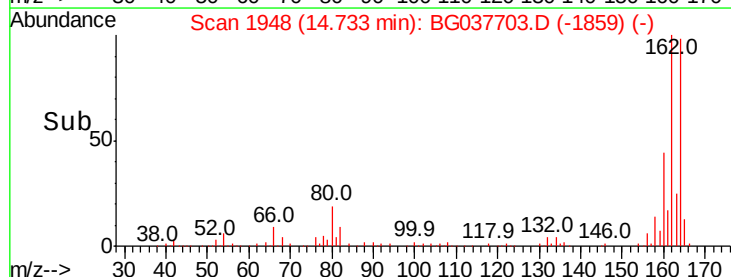
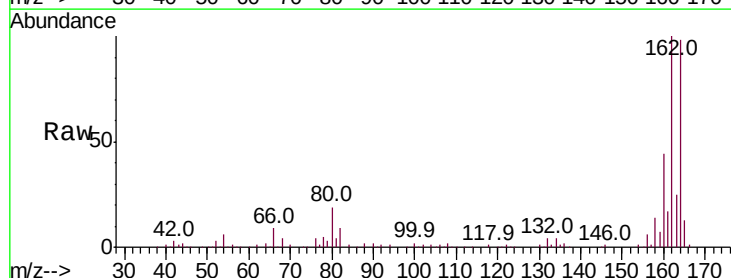
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-103018-B

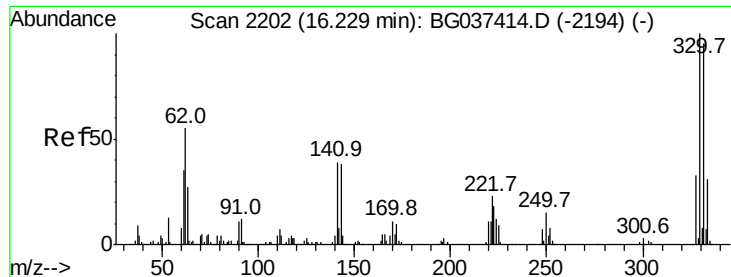
Tot Ion: 82 Resp: 341117
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 55.7 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037703.D
 Acq: 1 Nov 2018 4:46

Tgt Ion: 164 Resp: 159936
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.3 121.9
 160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 91.544 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TR-04-103018-B

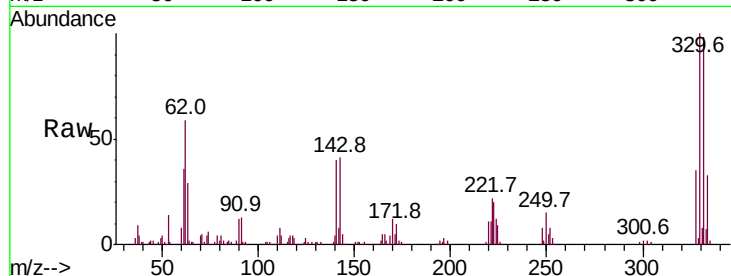
Tot Ion:330 Resp: 159689

Ion Ratio Lower Upper

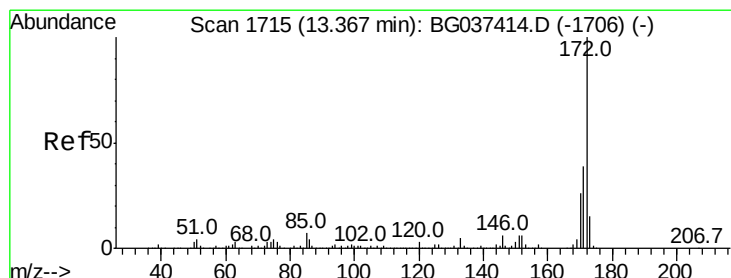
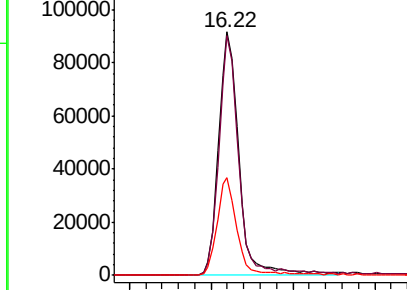
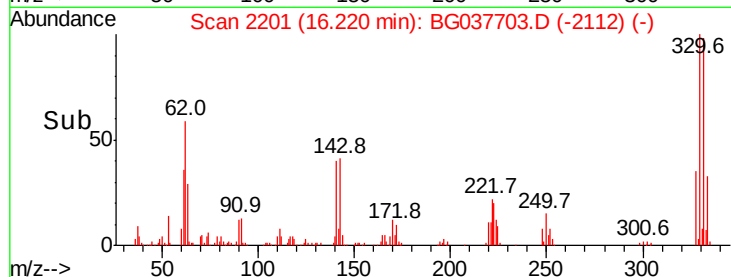
330 100

332 96.4 78.4 117.6

141 38.8 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: 75.487 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

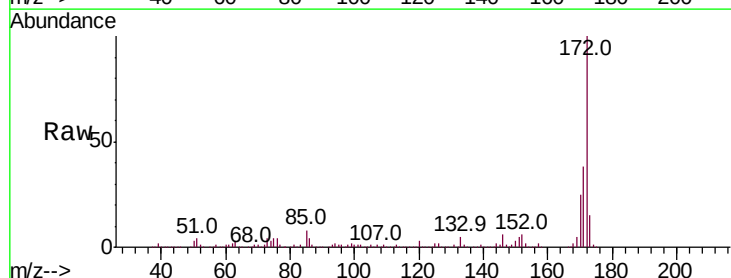
Tgt Ion:172 Resp: 800635

Ion Ratio Lower Upper

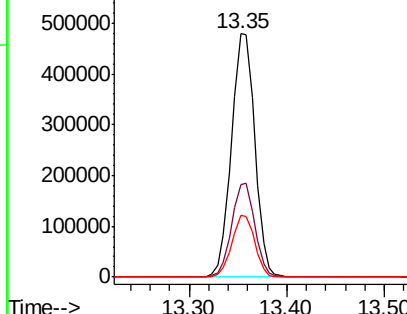
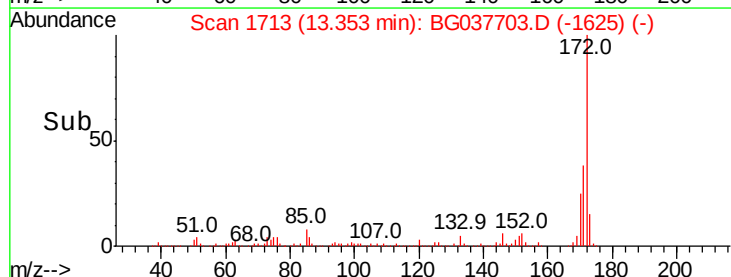
172 100

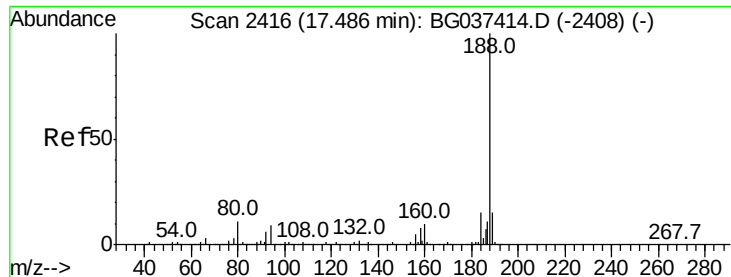
171 38.0 31.0 46.4

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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TR-04-103018-B

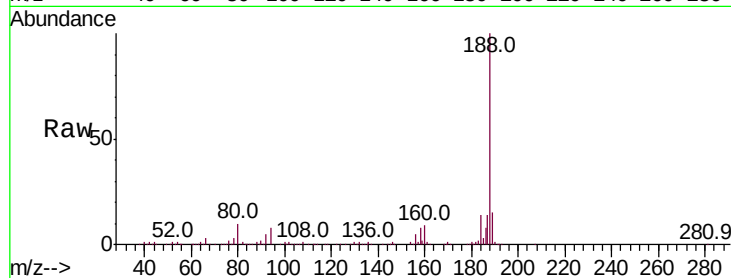
Tot Ion:188 Resp: 386664

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

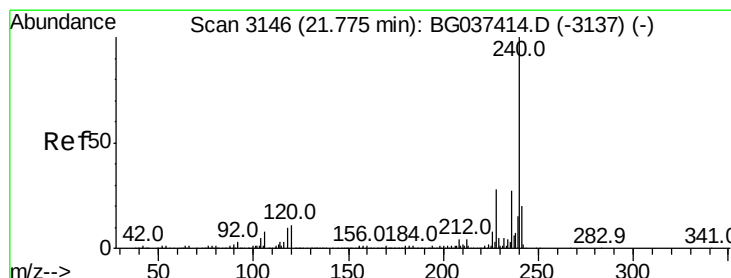
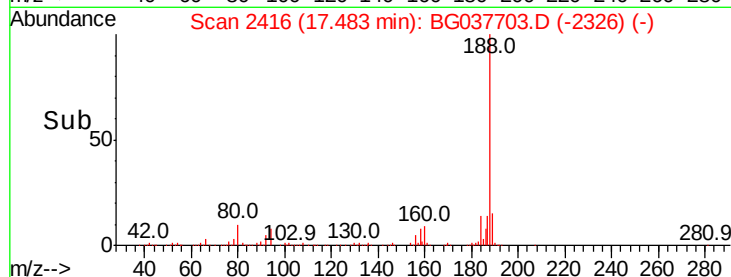
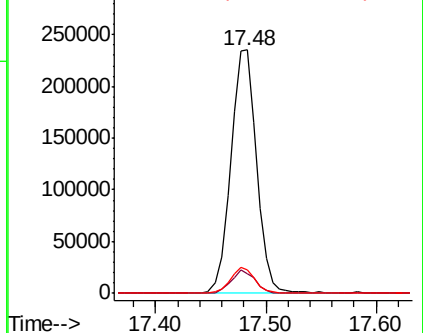
80 9.8 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

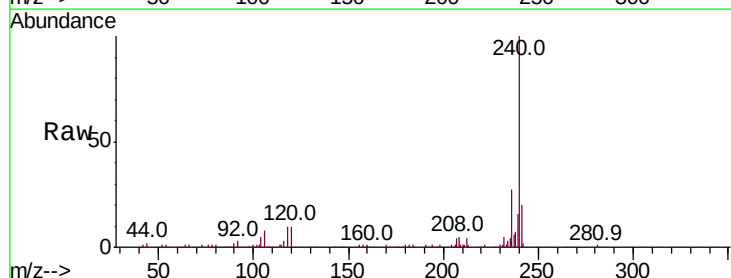
Tgt Ion:240 Resp: 355350

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

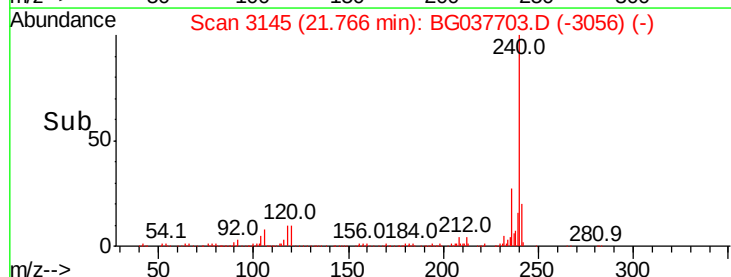
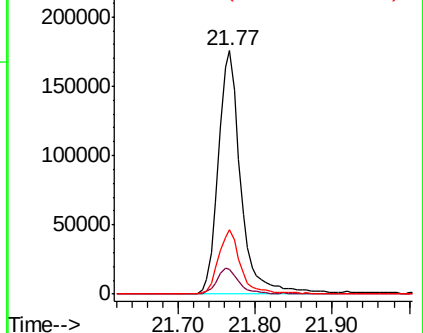
236 26.7 21.4 32.0

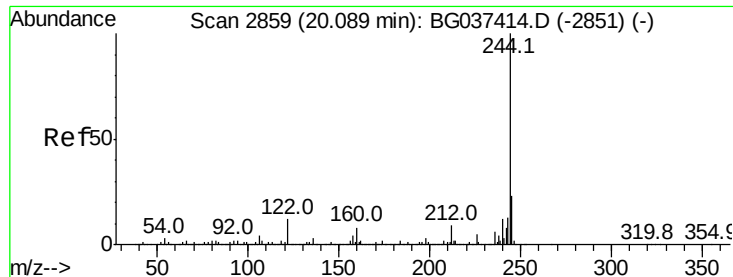


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.829 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

Instrument :

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ClientSampleId :

TR-04-103018-B

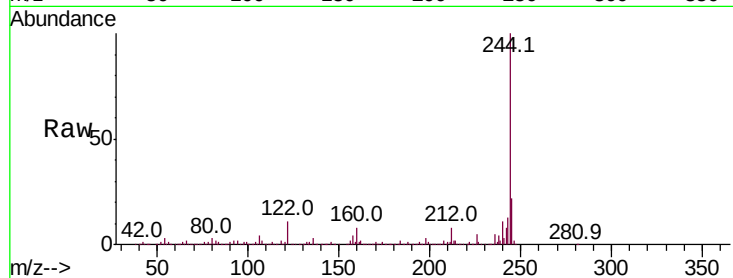
Tot Ion:244 Resp: 1327582

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

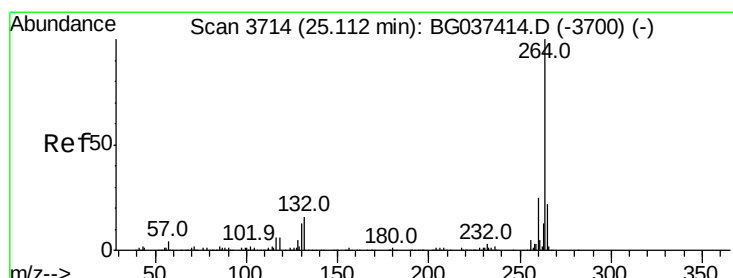
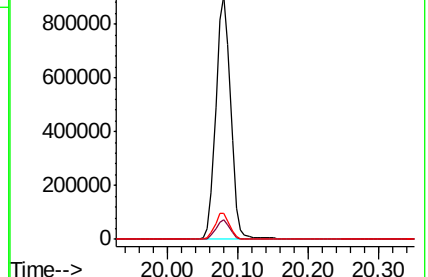
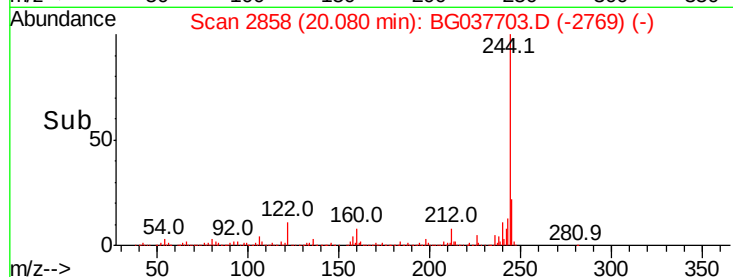
122 10.9 9.0 13.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG037703.D

Acq: 1 Nov 2018 4:46

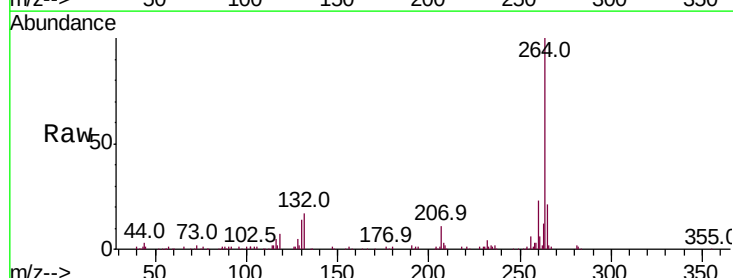
Tgt Ion:264 Resp: 260826

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 20.5 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

