

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037785.D
 Acq On : 3 Nov 2018 11:03
 Operator : JU/SJ
 Sample : J5755-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-D

Quant Time: Nov 05 05:08:11 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	58198	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	256030	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	169508	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	370522	20.00	ng	0.00
76) Chrysene-d12	21.76	240	331175	20.00	ng	-0.01
87) Perylene-d12	25.10	264	269636	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	381327	109.54	ng	0.00
7) Phenol-d6	7.24	99	506045	96.14	ng	0.00
23) Nitrobenzene-d5	9.28	82	381359	83.44	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	180043	97.38	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	950411	84.55	ng	-0.01
79) Terphenyl-d14	20.08	244	1314124	84.79	ng	-0.01

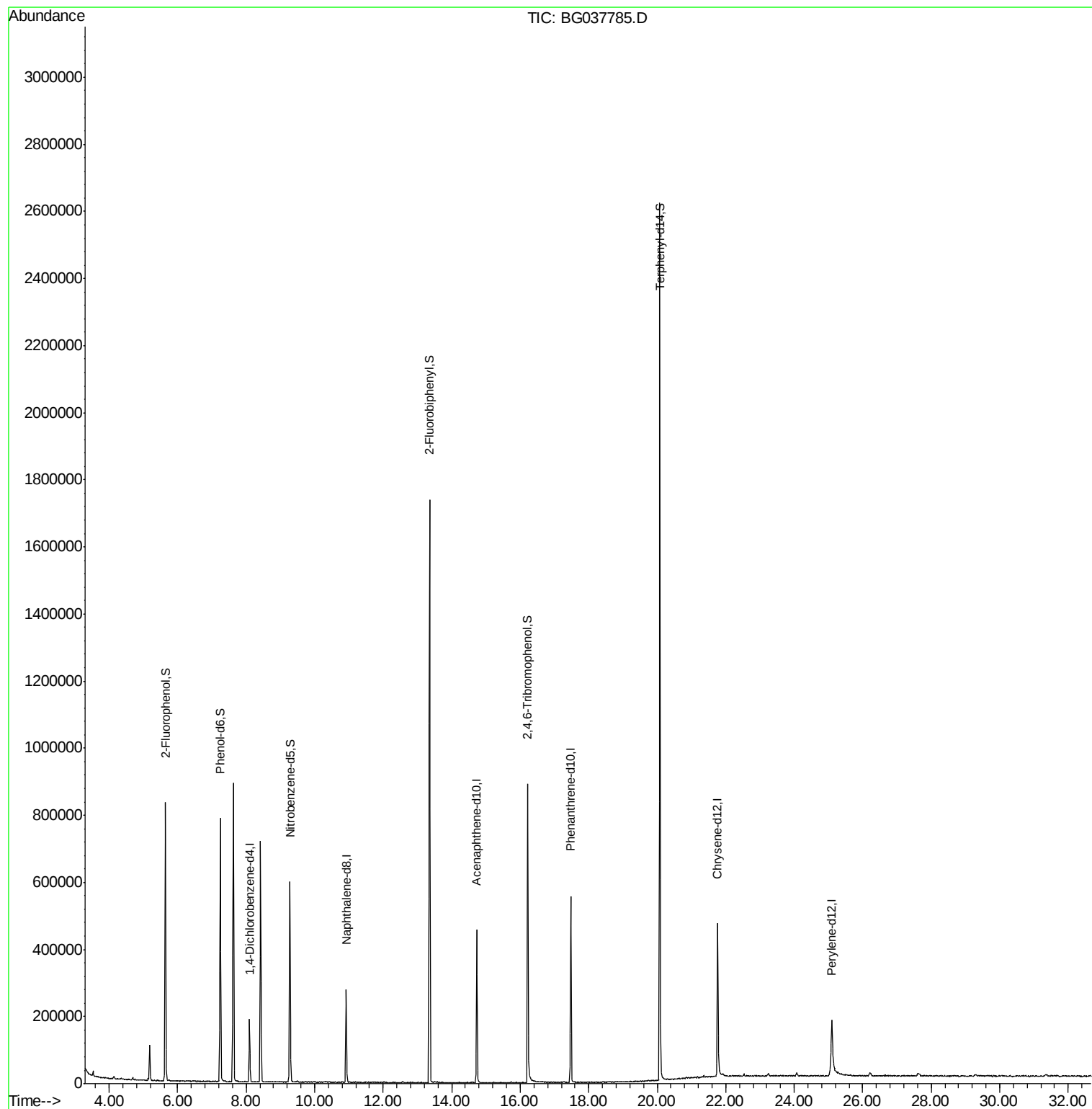
Target Compounds Qvalue

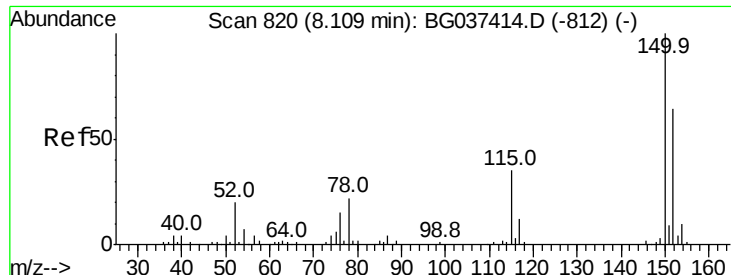
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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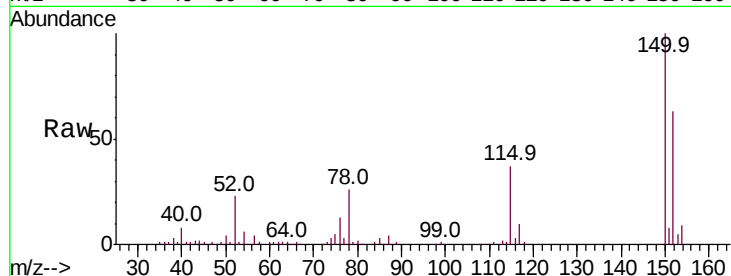


#1

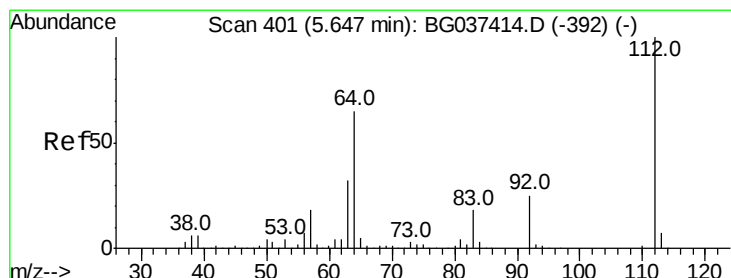
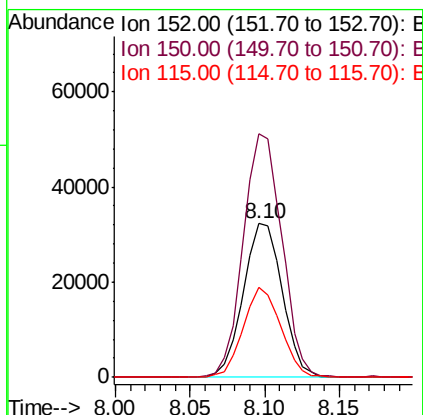
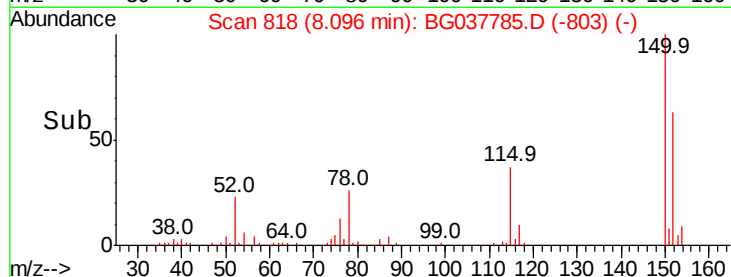
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037785.D
Acq: 3 Nov 2018 11:03

Instrument :
BNA_G
ClientSampleId :
TP-2A-D

Tot Ion:152 Resp: 58198
Ion Ratio Lower Upper
152 100
150 158.6 126.0 189.0
115 58.7 45.5 68.3



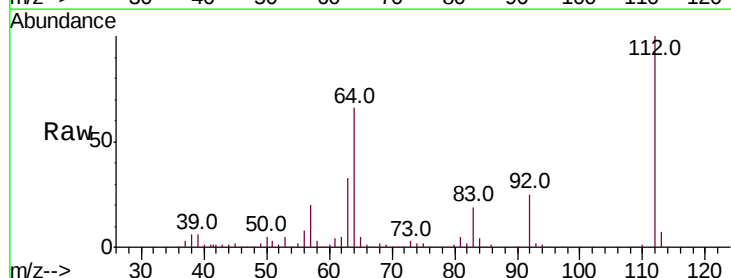
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



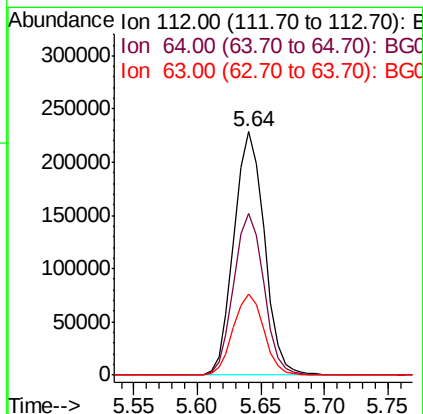
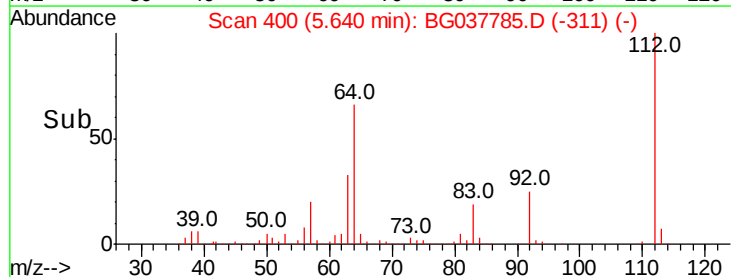
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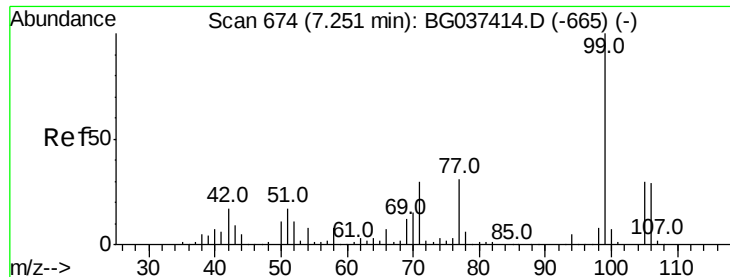
2-Fluorophenol
Concen: 109.544 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037785.D
Acq: 3 Nov 2018 11:03

Tgt Ion:112 Resp: 381327
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 33.4 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: 96.137 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Instrument :

BNA_G

ClientSampleId :

TP-2A-D

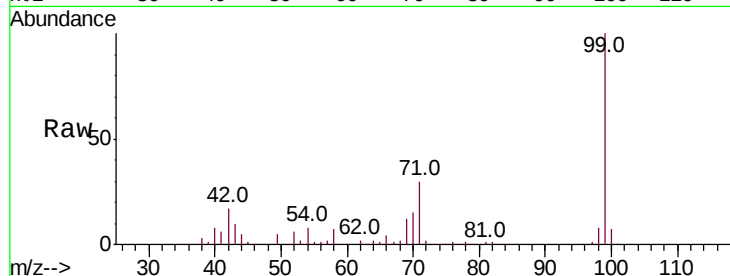
Tot Ion: 99 Resp: 506045

Ion Ratio Lower Upper

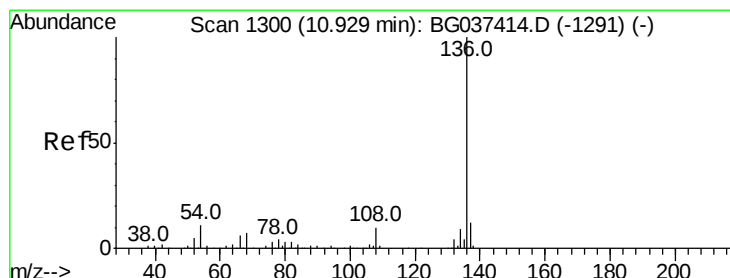
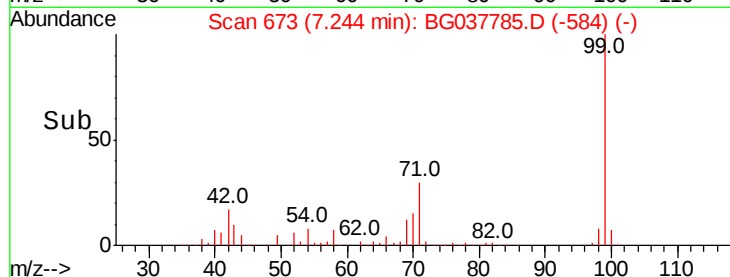
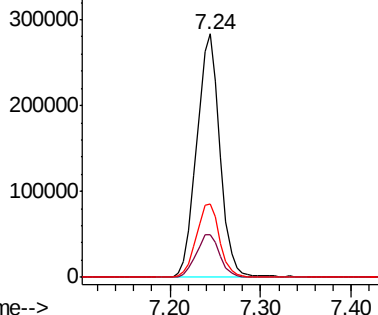
99 100

42 17.5 15.0 22.4

71 30.1 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: BG037785.D

Acq: 3 Nov 2018 11:03

Tgt Ion: 136 Resp: 256030

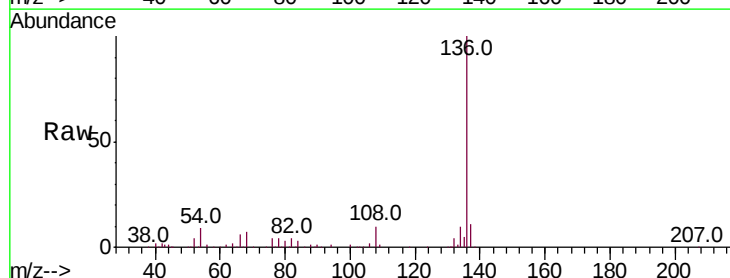
Ion Ratio Lower Upper

136 100

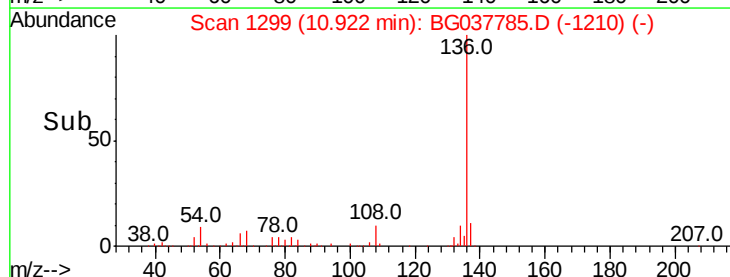
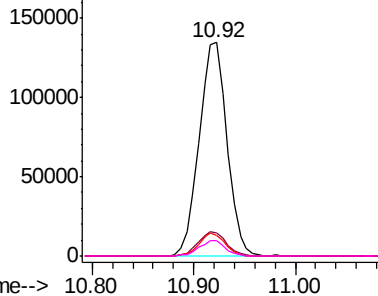
137 11.0 9.6 14.4

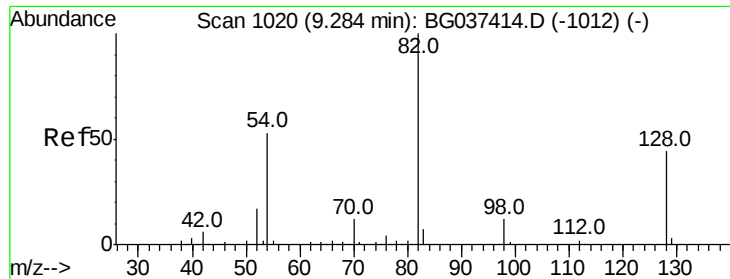
54 9.4 7.9 11.9

68 7.0 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

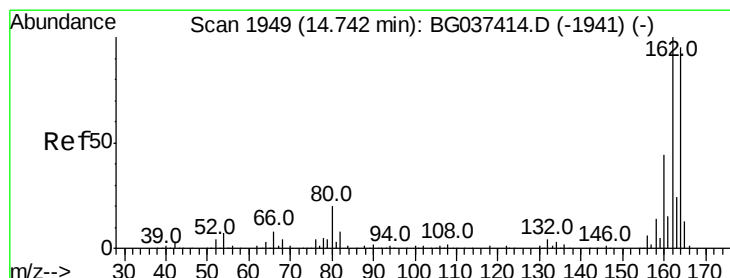
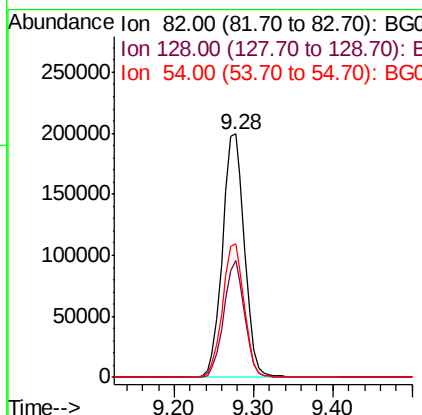
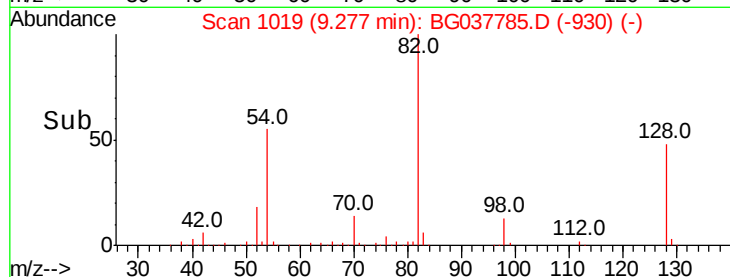
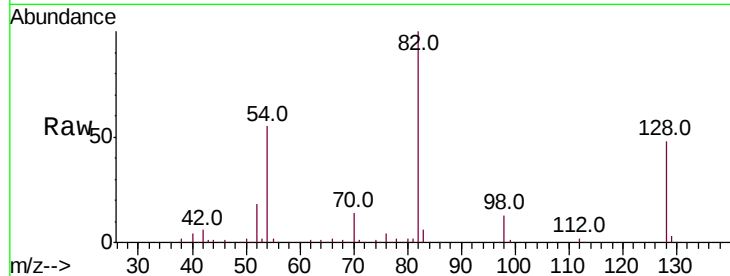




#23
 Nitrobenzene-d5
 Concen: 83.441 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037785.D
 Acq: 3 Nov 2018 11:03

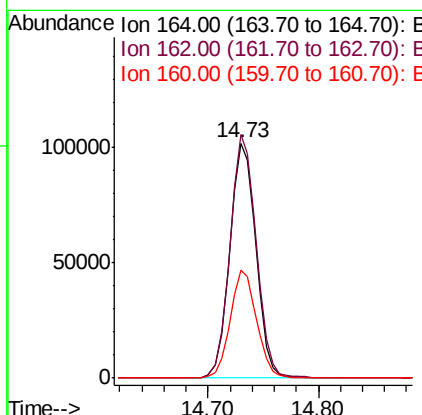
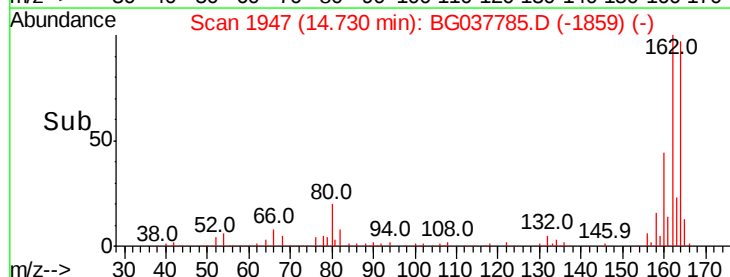
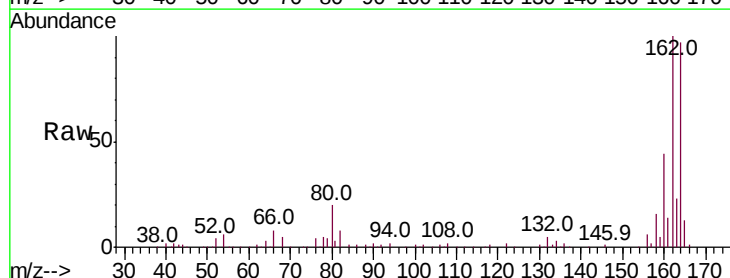
Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-D

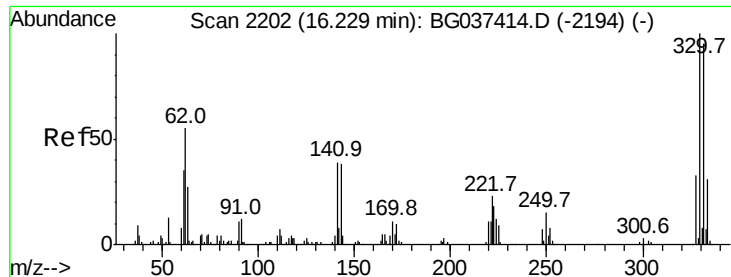
Tot Ion: 82 Resp: 381359
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.6 51.8
 54 54.9 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037785.D
 Acq: 3 Nov 2018 11:03

Tgt Ion: 164 Resp: 169508
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.3 121.9
 160 45.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 97.383 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Instrument :

BNA_G

ClientSampleID :

TP-2A-D

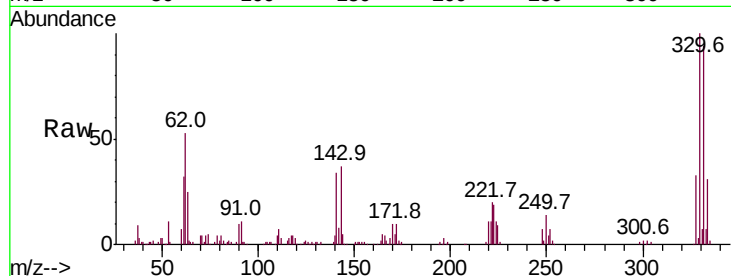
Tot Ion:330 Resp: 180043

Ion Ratio Lower Upper

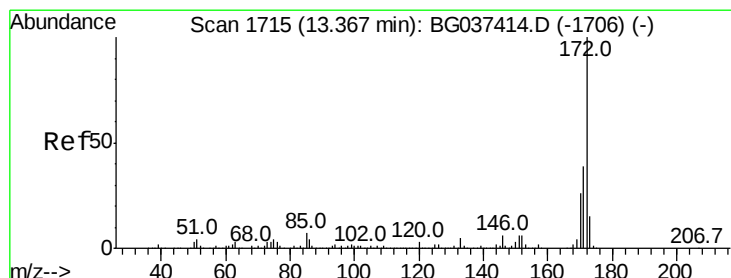
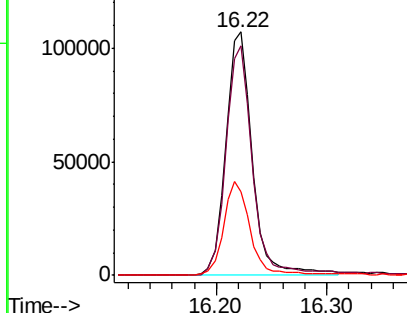
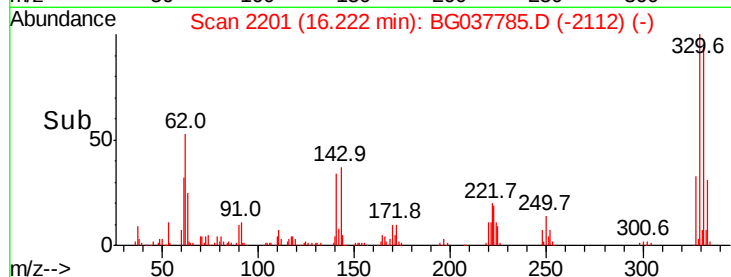
330 100

332 96.9 78.4 117.6

141 38.5 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: 84.549 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

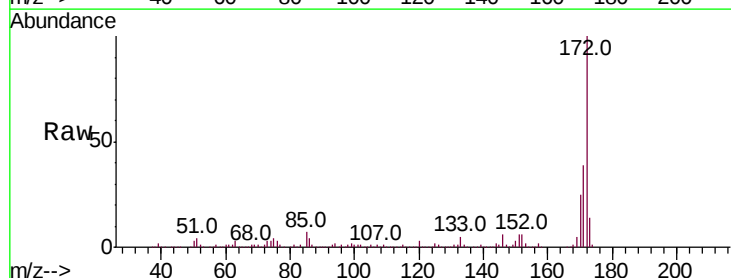
Tgt Ion:172 Resp: 950411

Ion Ratio Lower Upper

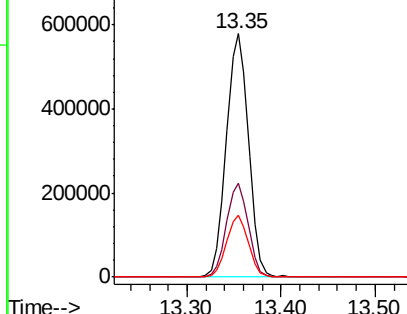
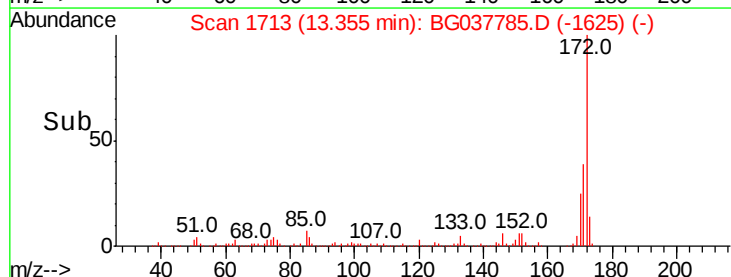
172 100

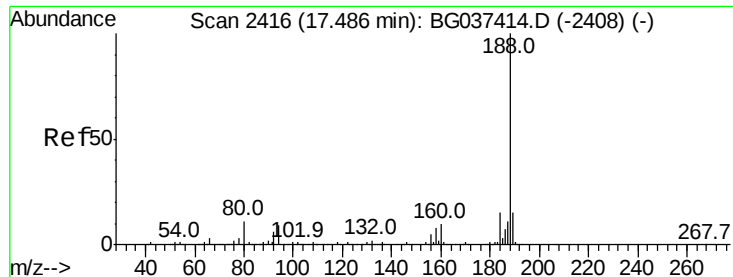
171 38.6 31.0 46.4

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Instrument :

BNA_G

ClientSampleId :

TP-2A-D

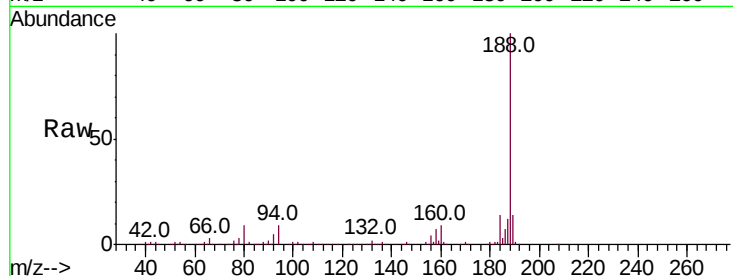
Tot Ion:188 Resp: 370522

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

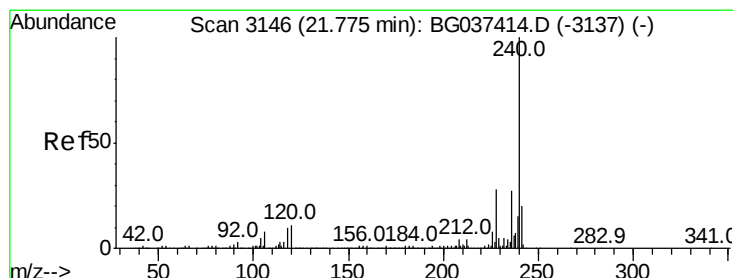
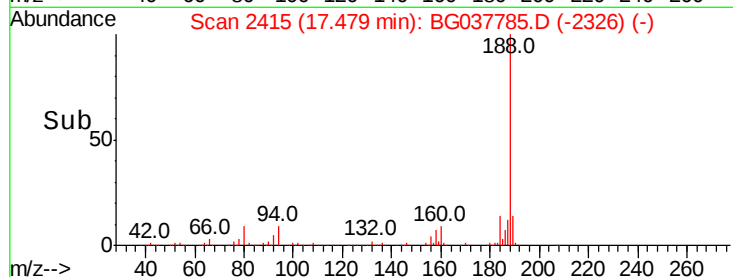
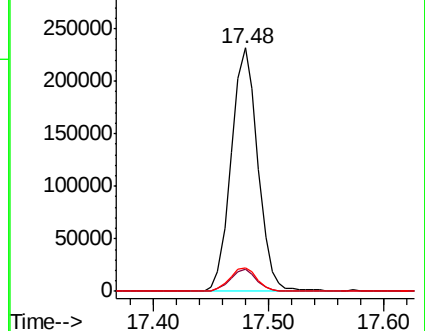
80 9.4 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

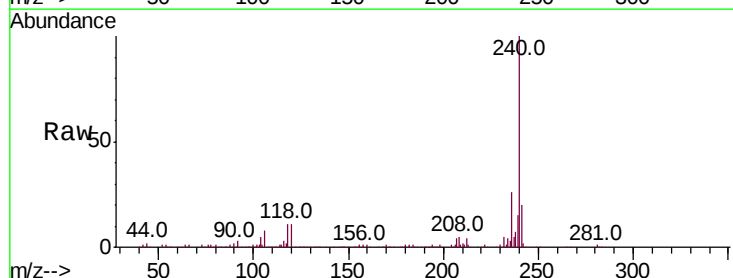
Tgt Ion:240 Resp: 331175

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

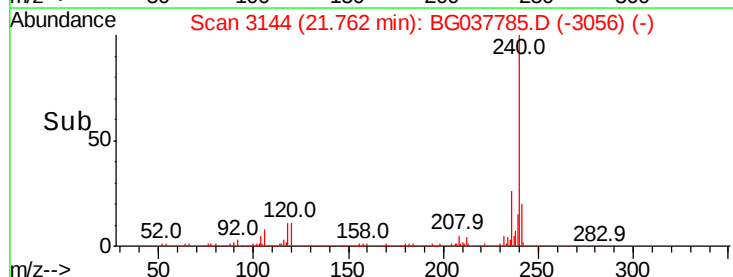
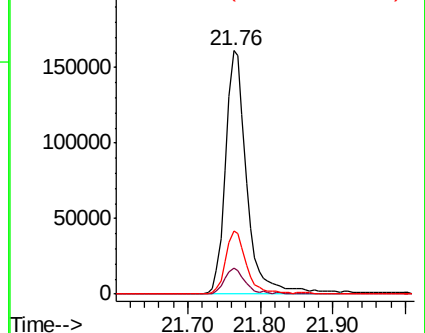
236 26.0 21.4 32.0

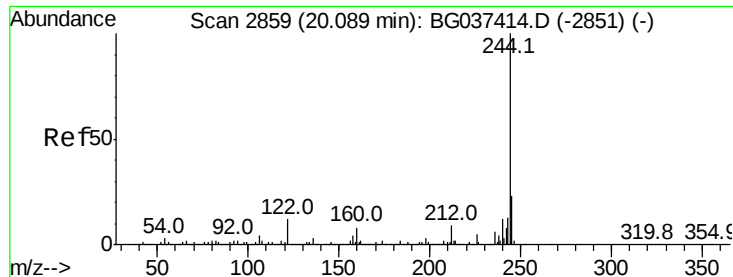


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.788 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Instrument :

BNA_G

ClientSampleId :

TP-2A-D

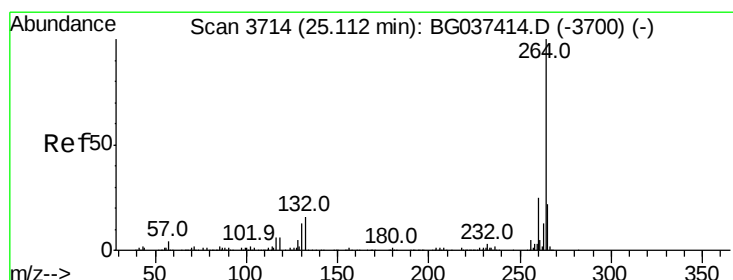
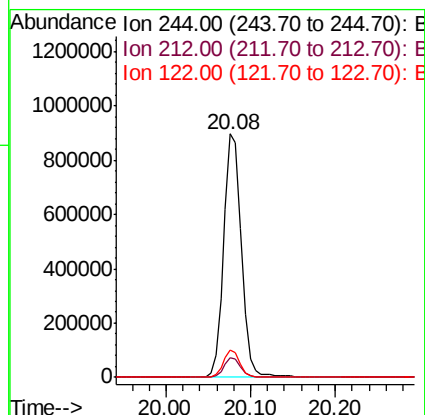
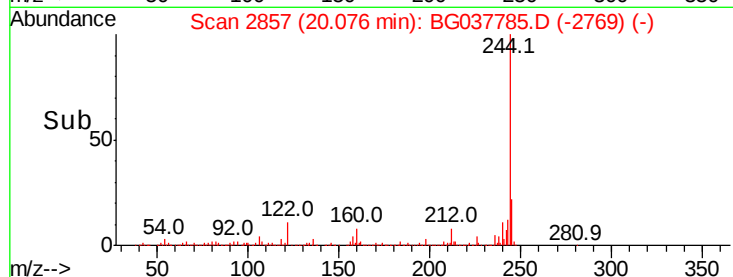
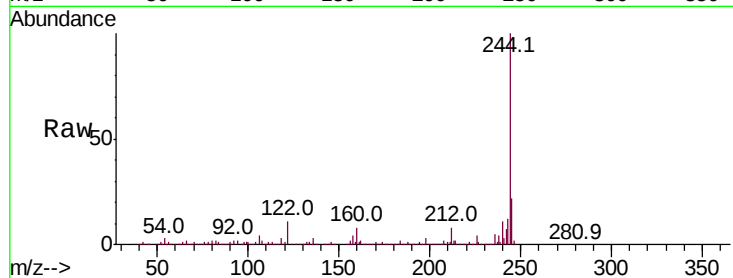
Tot Ion:244 Resp: 1314124

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 11.2 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037785.D

Acq: 3 Nov 2018 11:03

Tgt Ion:264 Resp: 269636

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 22.0 17.9 26.9

