

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037951.D
 Acq On : 12 Nov 2018 19:25
 Operator : JU/SJ
 Sample : J5907-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Quant Time: Nov 13 06:14:01 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	8.09	152	52498	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	237320	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	157254	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	349324	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	296018	20.00	ng	-0.02
87) Perylene-d12	25.09	264	255958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	324932	103.48	ng	-0.01
7) Phenol-d6	7.24	99	420719	88.61	ng	-0.01
23) Nitrobenzene-d5	9.26	82	342807	80.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	176859	103.12	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	836563	80.22	ng	-0.02
79) Terphenyl-d14	20.07	244	1216021	87.78	ng	-0.02

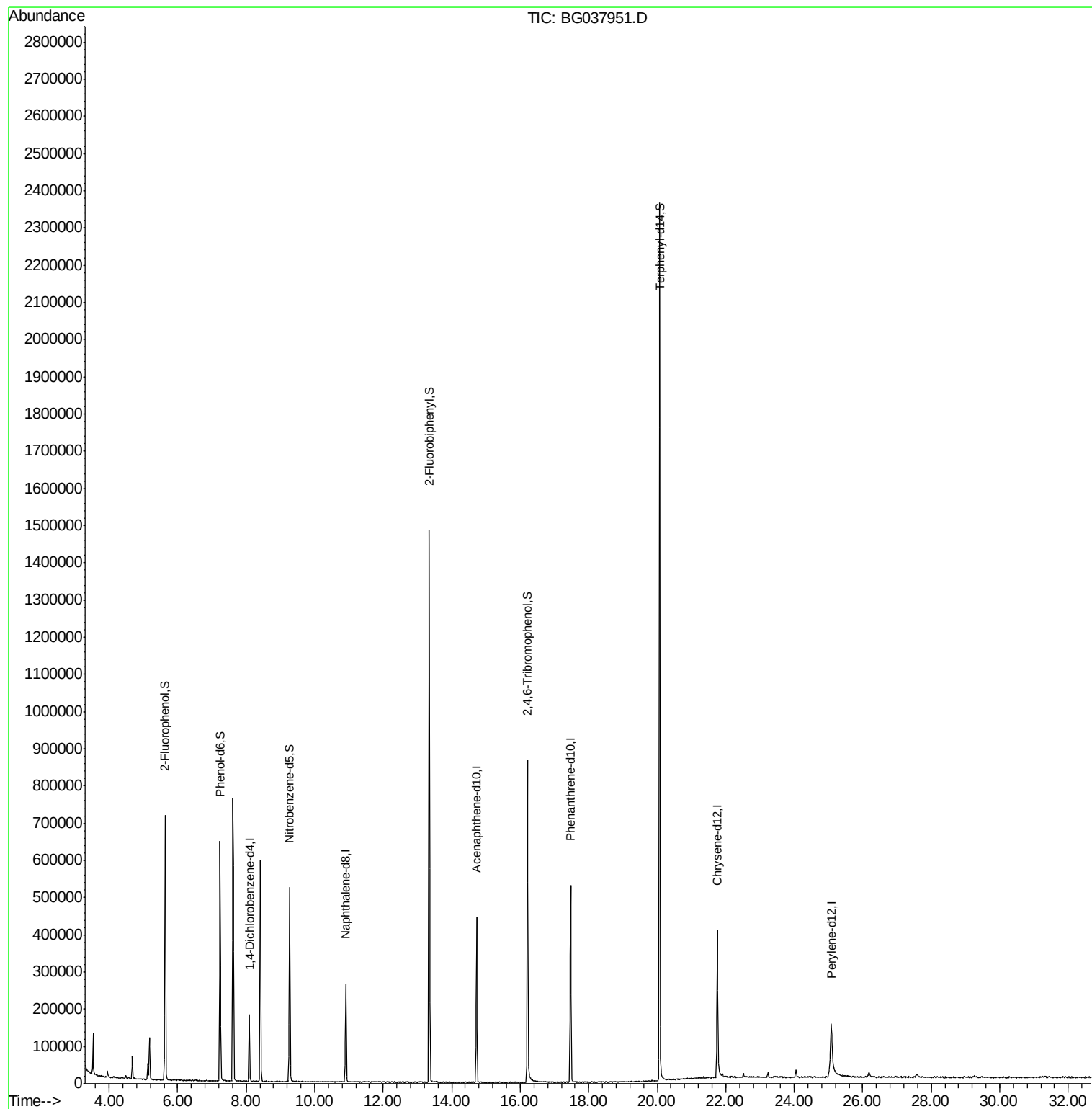
Target Compounds Qvalue

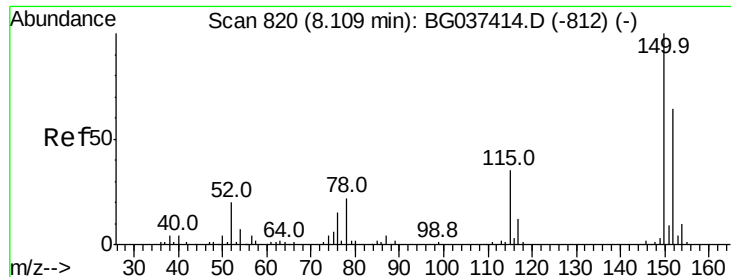
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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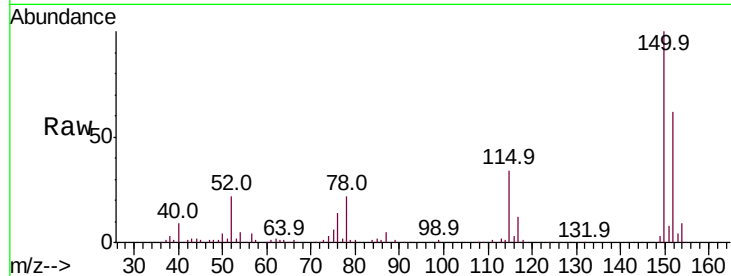


#1

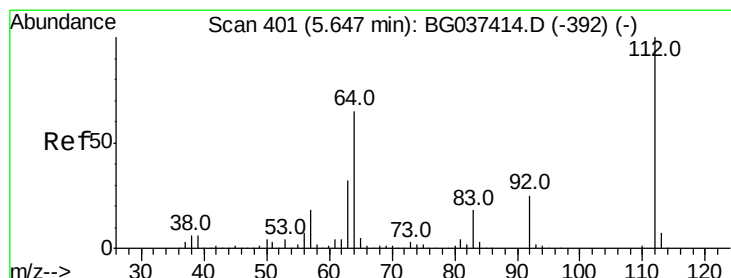
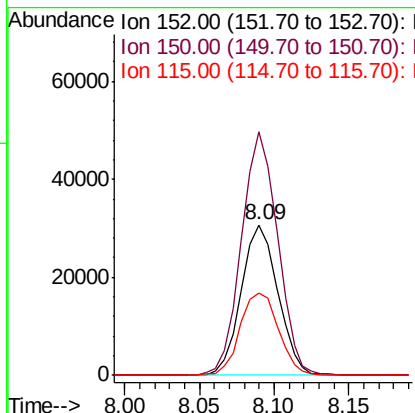
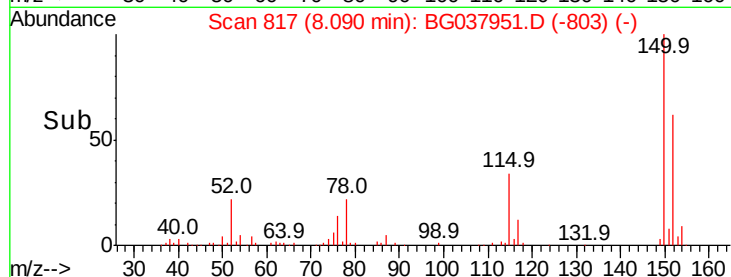
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037951.D
Acq: 12 Nov 2018 19:25

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tot Ion:152 Resp: 52498
Ion Ratio Lower Upper
152 100
150 161.7 126.0 189.0
115 54.3 45.5 68.3



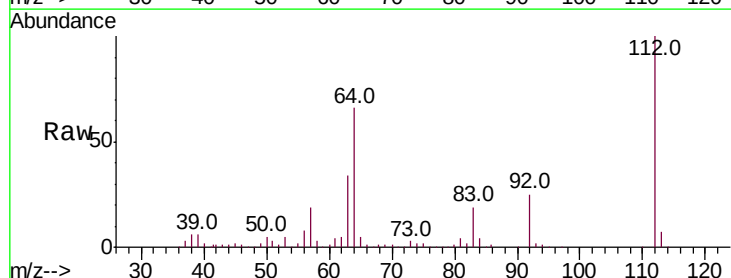
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



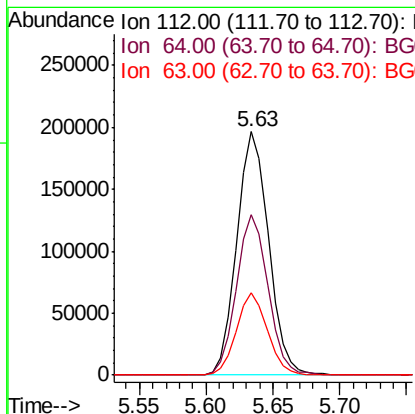
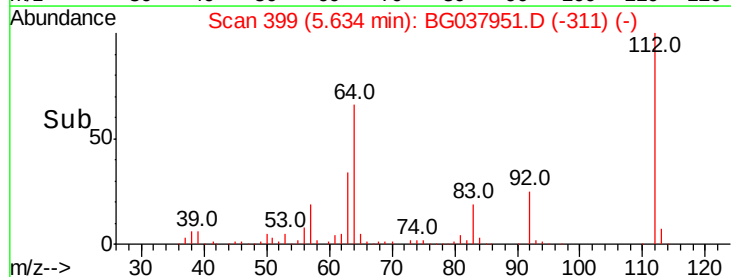
#5

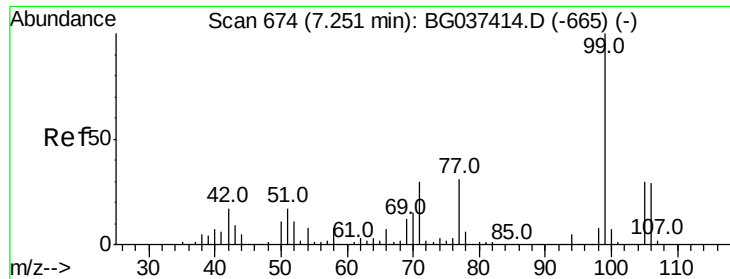
2-Fluorophenol
Concen: 103.478 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037951.D
Acq: 12 Nov 2018 19:25

Tgt Ion:112 Resp: 324932
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.7 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: 88.605 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Instrument :

BNA_G

ClientSampleId :

TP-2-S

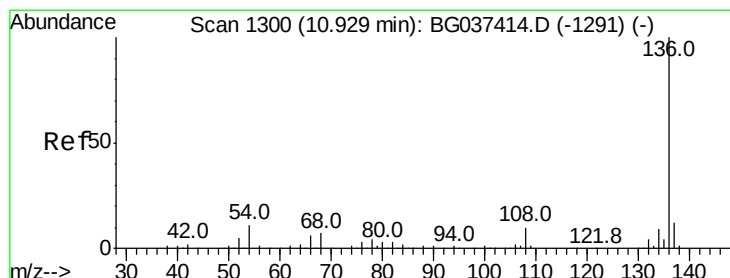
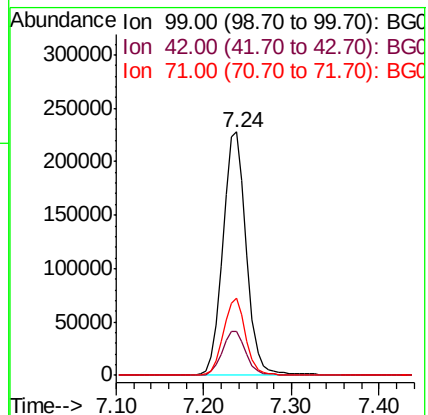
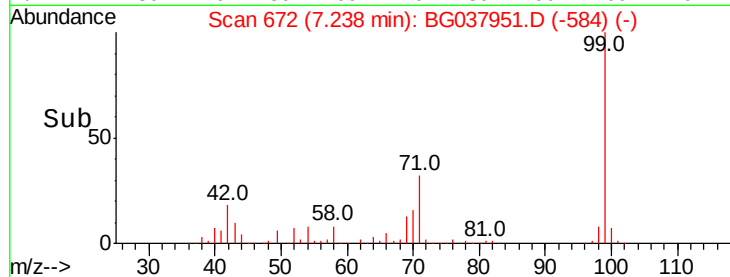
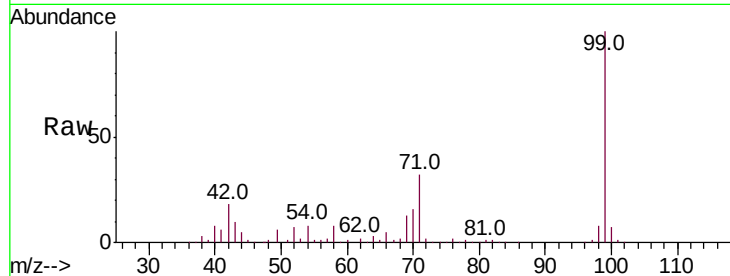
Tot Ion: 99 Resp: 420719

Ion Ratio Lower Upper

99 100

42 18.1 15.0 22.4

71 31.5 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Tgt Ion: 136 Resp: 237320

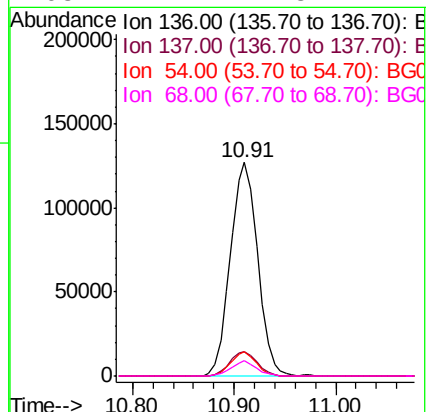
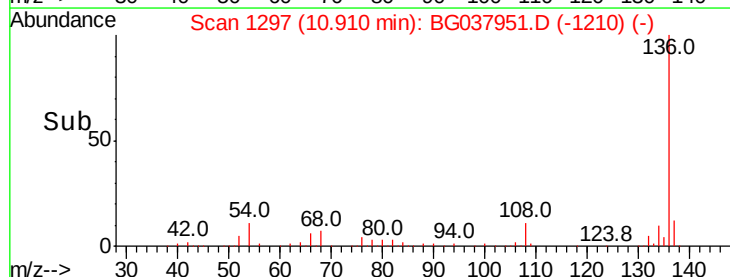
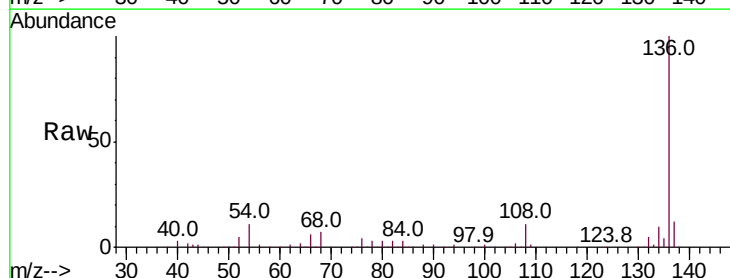
Ion Ratio Lower Upper

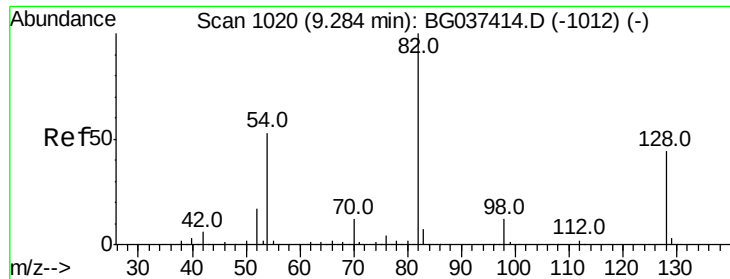
136 100

137 11.6 9.6 14.4

54 11.4 7.9 11.9

68 7.2 4.8 7.2

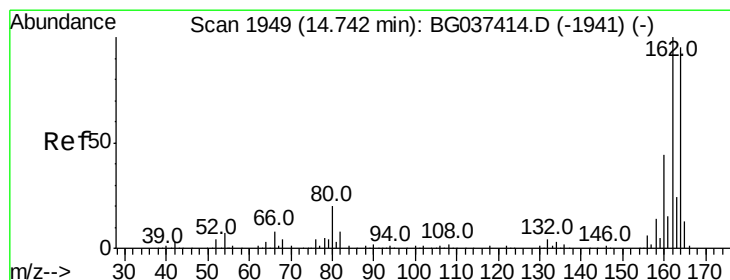
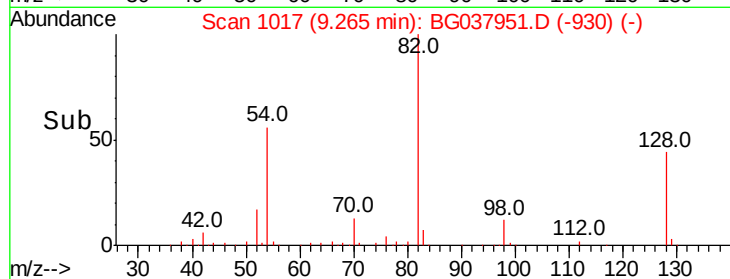
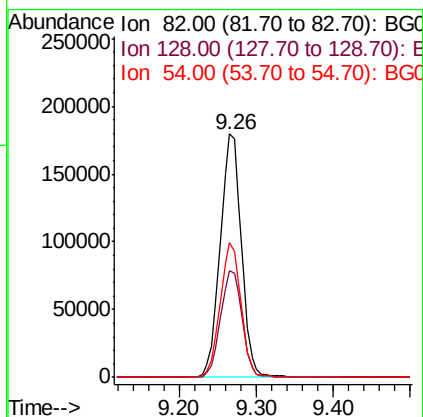
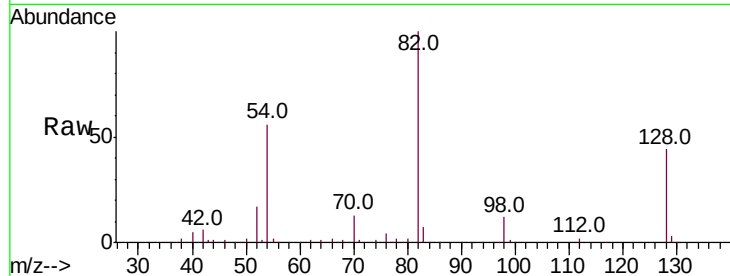




#23
 Nitrobenzene-d5
 Concen: 80.919 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BG037951.D
 Acq: 12 Nov 2018 19:25

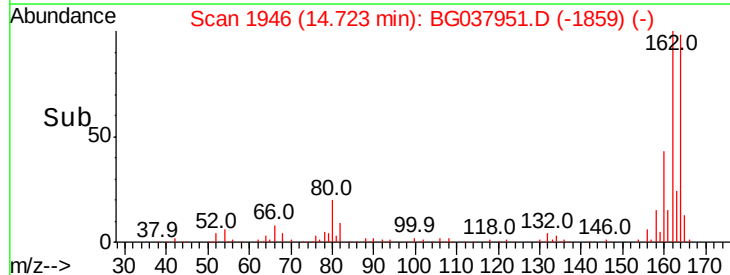
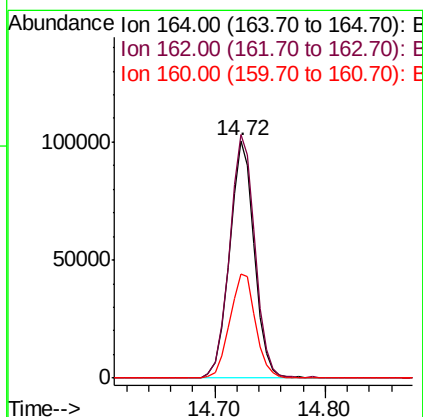
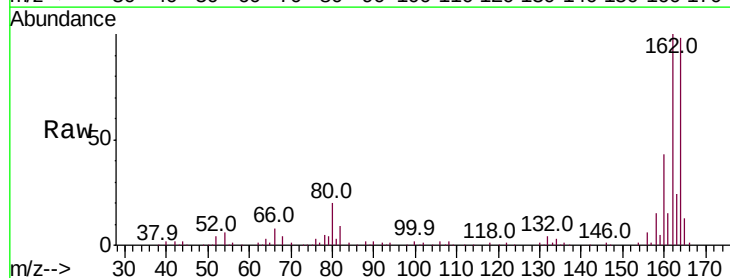
Instrument :
 BNA_G
 ClientSampled :
 TP-2-S

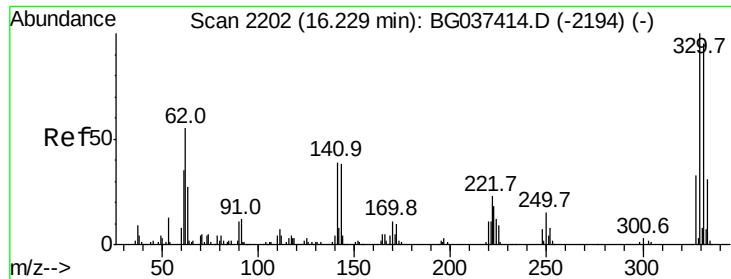
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	55.5	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG037951.D
 Acq: 12 Nov 2018 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	43.8	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 103.116 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Instrument :

BNA_G

ClientSampleId :

TP-2-S

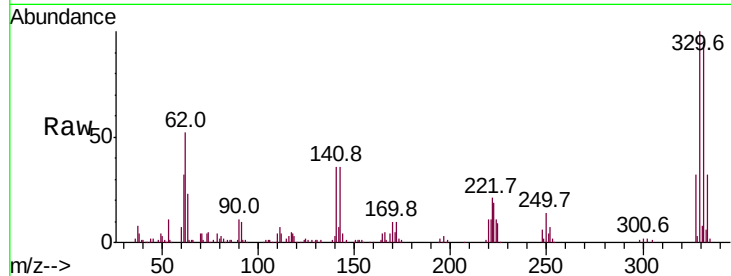
Tot Ion:330 Resp: 176859

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

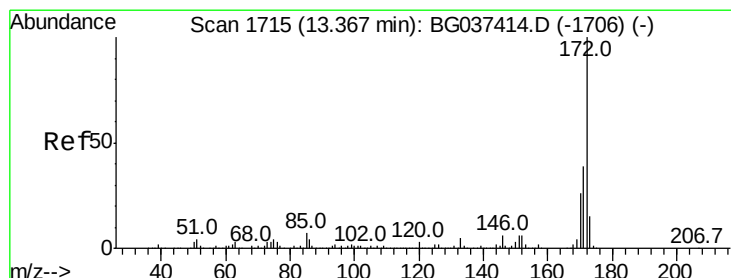
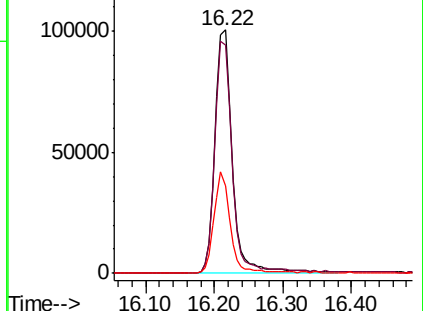
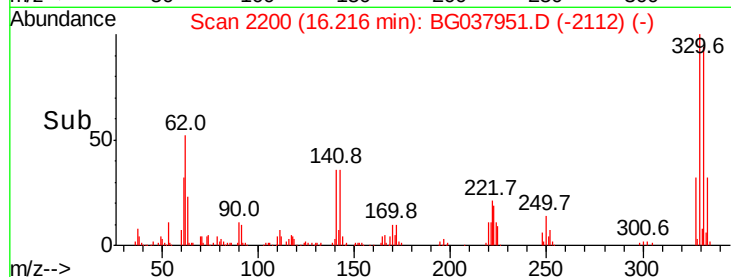
141 39.0 32.2 48.2



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: 80.220 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

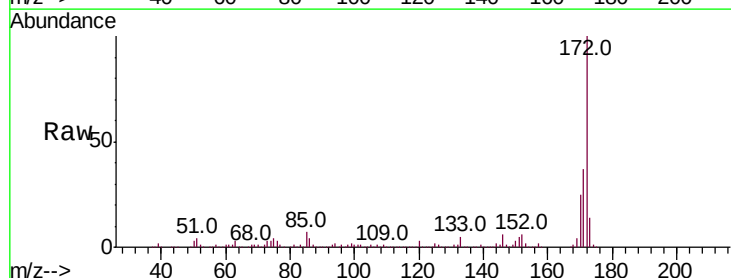
Tgt Ion:172 Resp: 836563

Ion Ratio Lower Upper

172 100

171 36.8 31.0 46.4

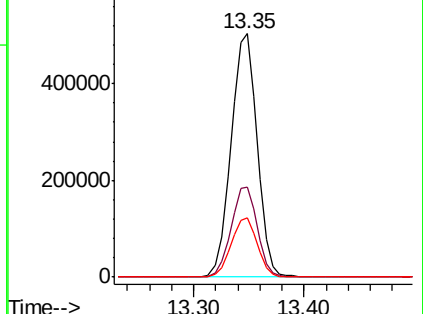
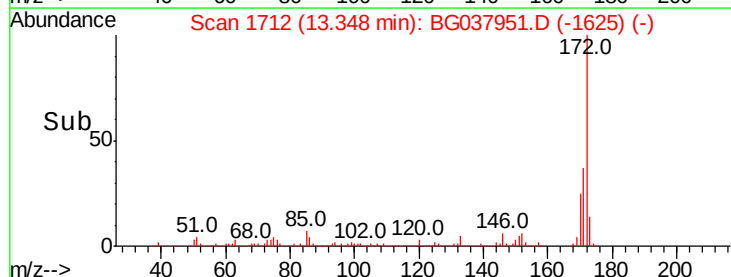
170 24.6 20.2 30.2

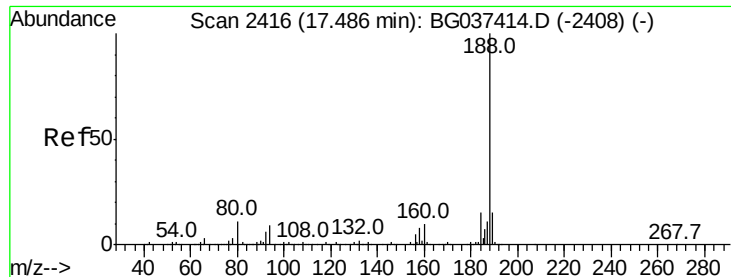


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Instrument :

BNA_G

ClientSampleId :

TP-2-S

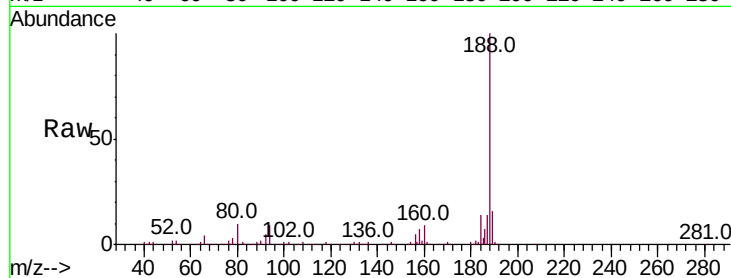
Tot Ion:188 Resp: 349324

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

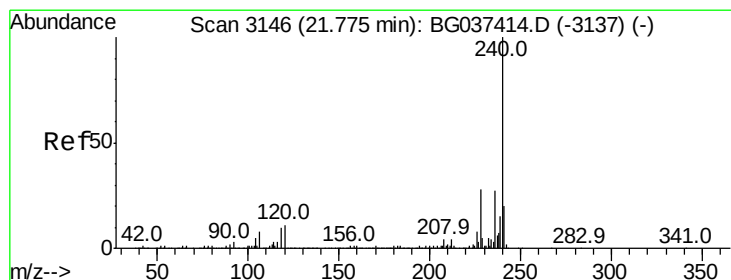
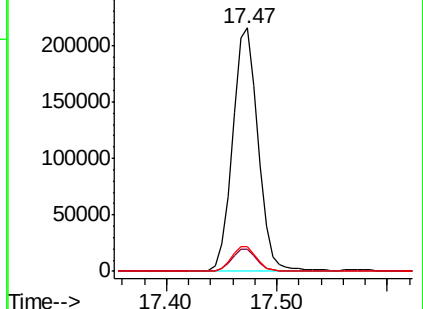
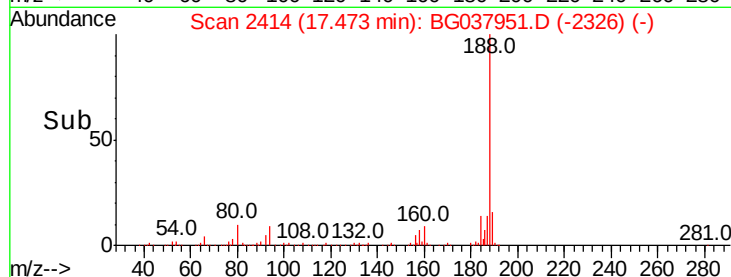
80 10.1 7.7 11.5



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: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

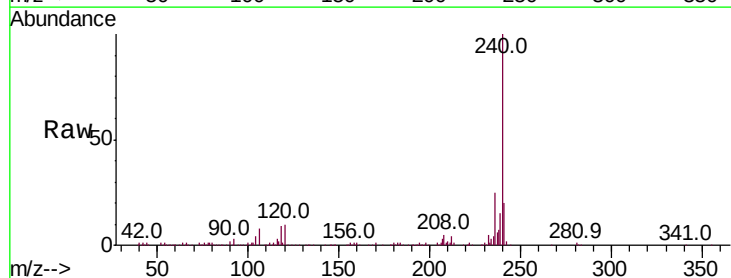
Tgt Ion:240 Resp: 296018

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

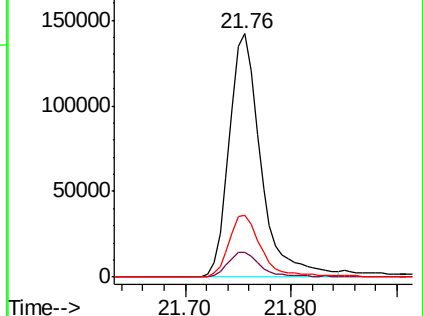
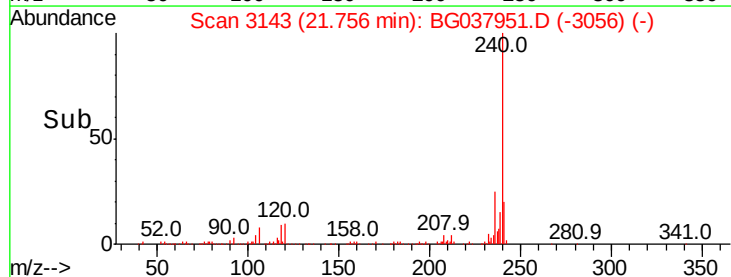
236 25.5 21.4 32.0

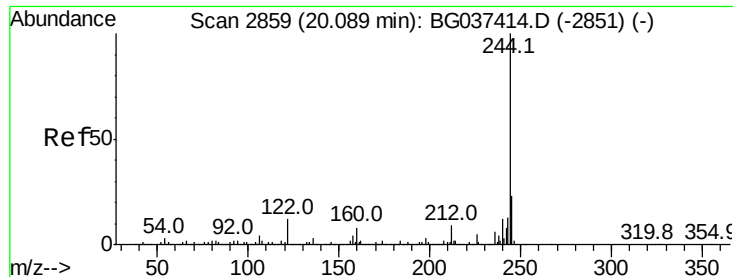


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.777 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Instrument :

BNA_G

ClientSampleId :

TP-2-S

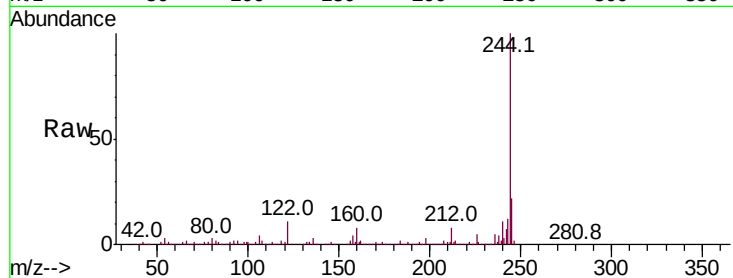
Tot Ion:244 Resp: 1216021

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

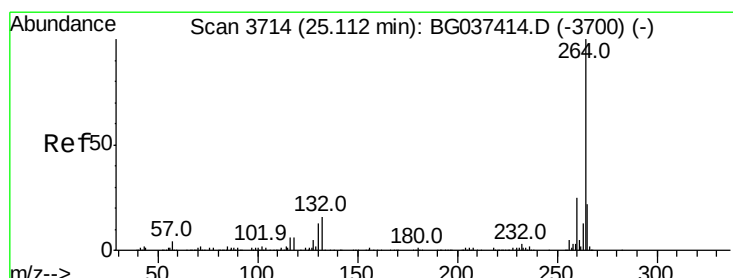
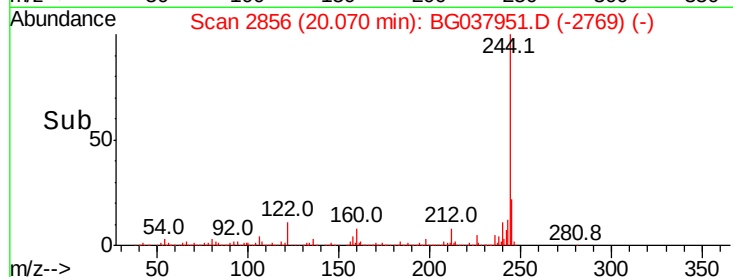
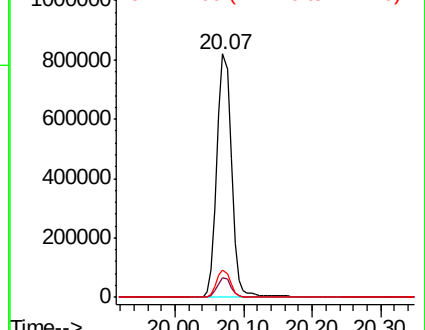
122 11.0 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

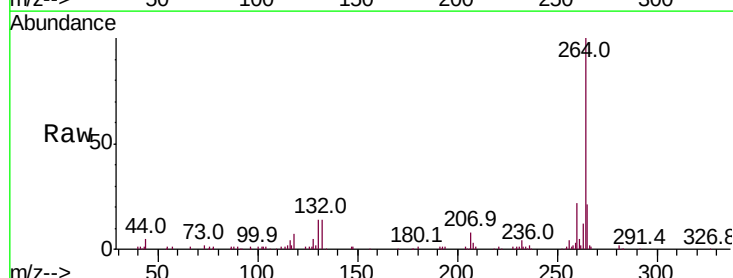
Tgt Ion:264 Resp: 255958

Ion Ratio Lower Upper

264 100

260 21.6 18.2 27.4

265 21.3 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

