

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037670.D
 Acq On : 31 Oct 2018 2:26
 Operator : JU/SJ
 Sample : J5194-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-B

Quant Time: Oct 31 09:19:14 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	56500	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	243767	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163661	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	382636	20.00	ng	0.00
76) Chrysene-d12	21.76	240	351325	20.00	ng	-0.01
87) Perylene-d12	25.10	264	301937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	374435	110.80	ng	0.00
7) Phenol-d6	7.24	99	513593	100.50	ng	0.00
23) Nitrobenzene-d5	9.28	82	371038	85.27	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	198995	111.48	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	909857	83.83	ng	0.00
79) Terphenyl-d14	20.08	244	1350736	82.15	ng	0.00

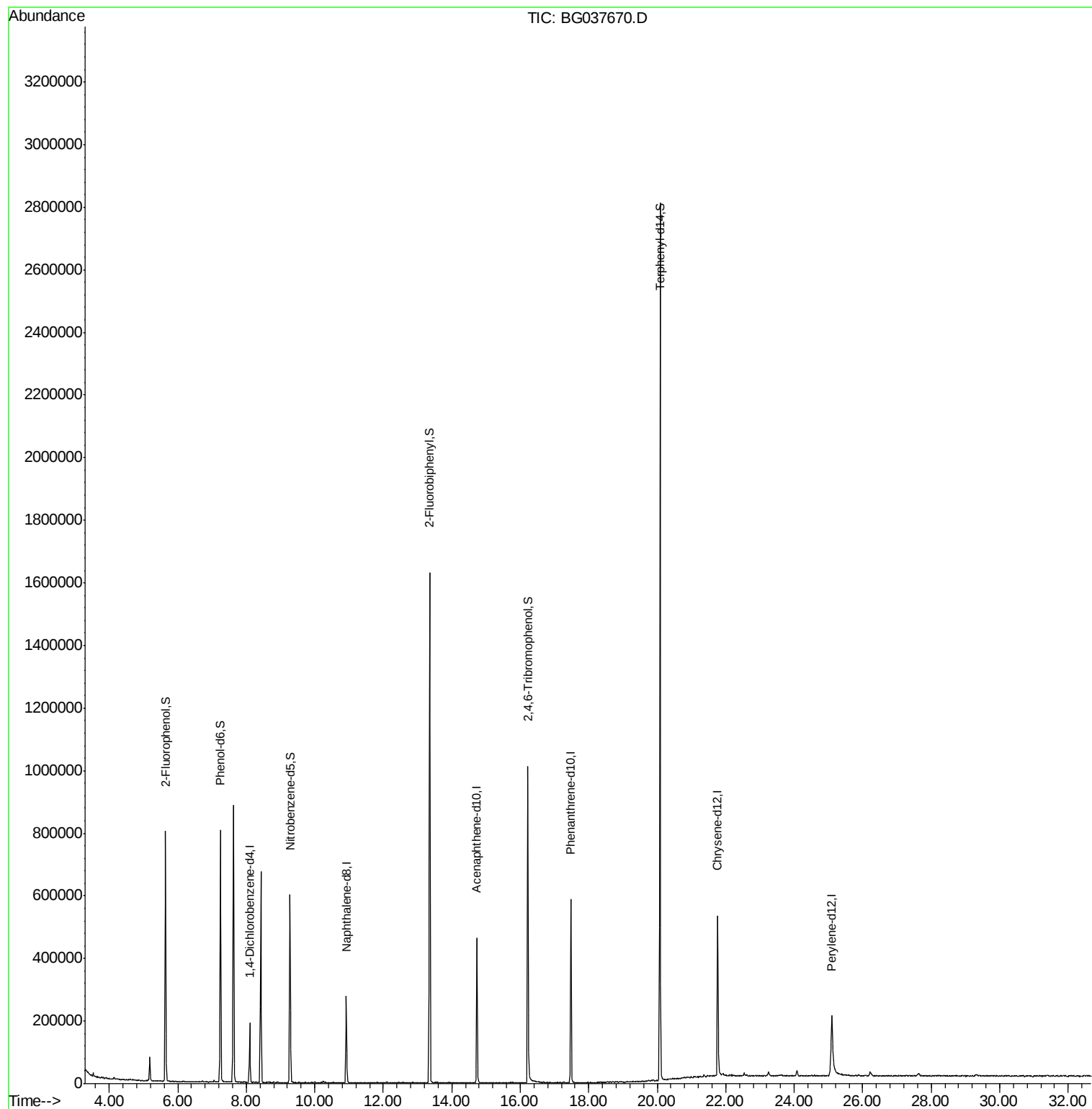
Target Compounds Qvalue

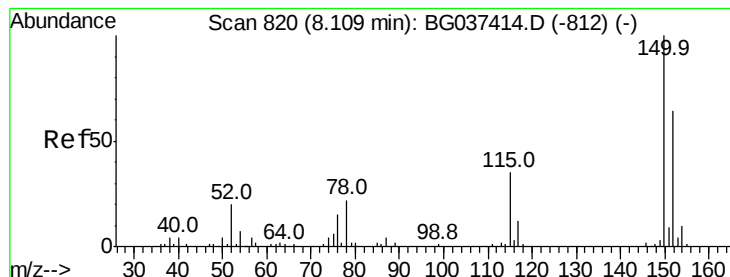
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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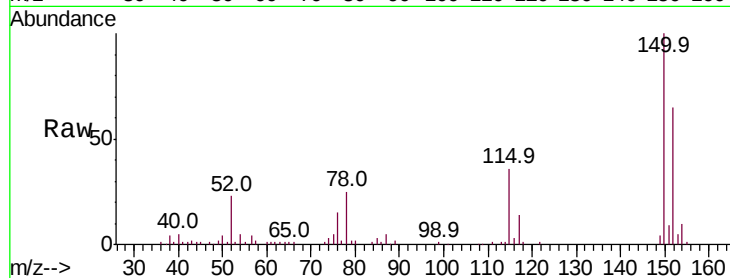


#1

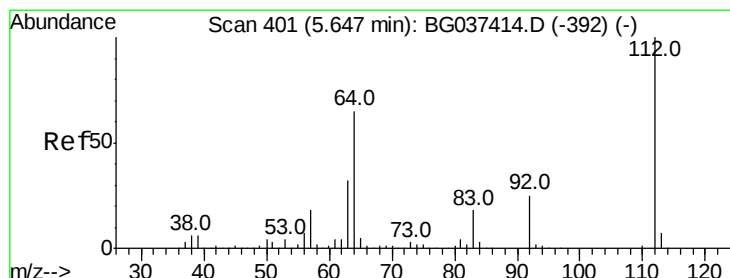
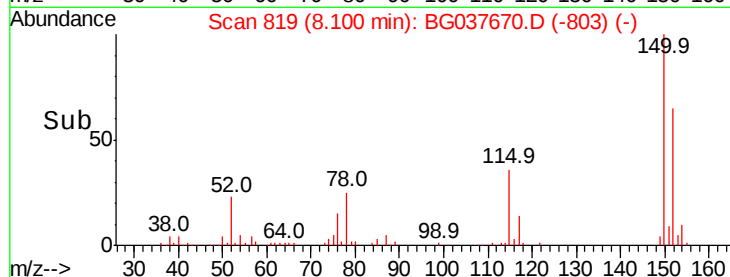
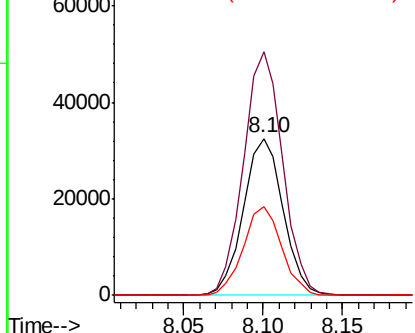
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tot Ion:152 Resp: 56500
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 56.2 45.5 68.3



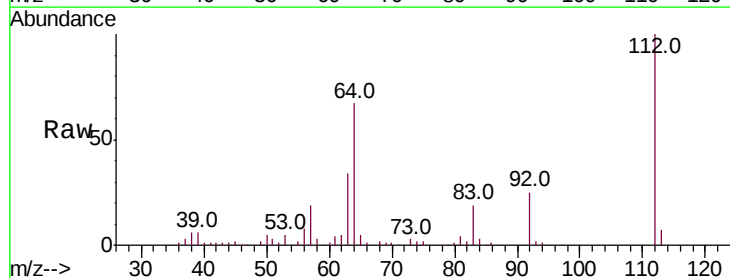
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



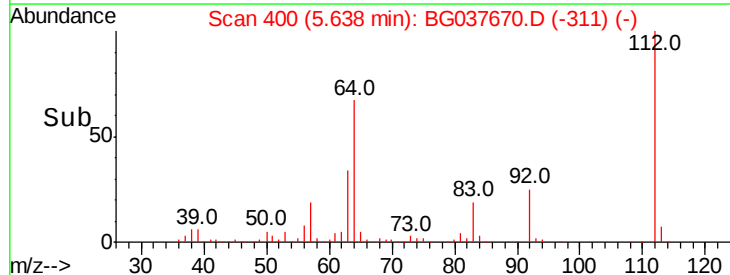
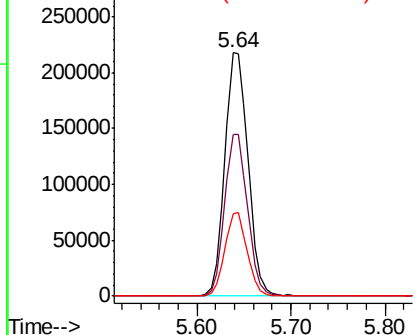
#5

2-Fluorophenol
Concen: 110.797 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion:112 Resp: 374435
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.6 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: 100.503 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037670.D

Acq: 31 Oct 2018 2:26

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-B

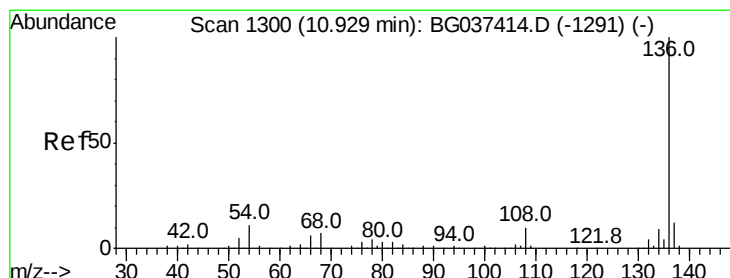
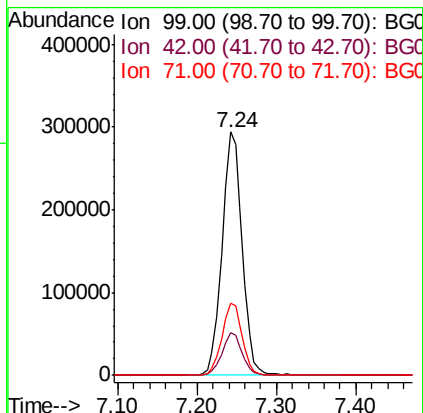
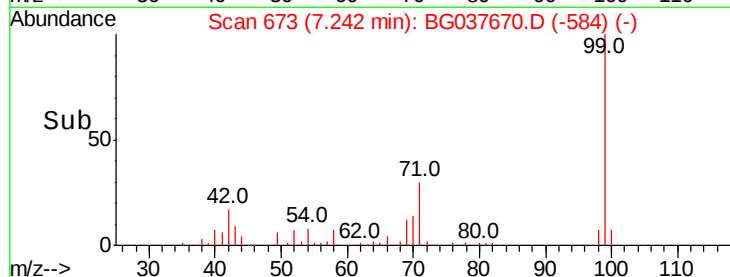
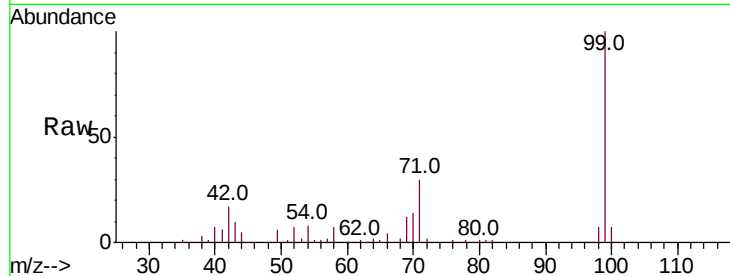
Tot Ion: 99 Resp: 513593

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 29.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037670.D

Acq: 31 Oct 2018 2:26

Tgt Ion: 136 Resp: 243767

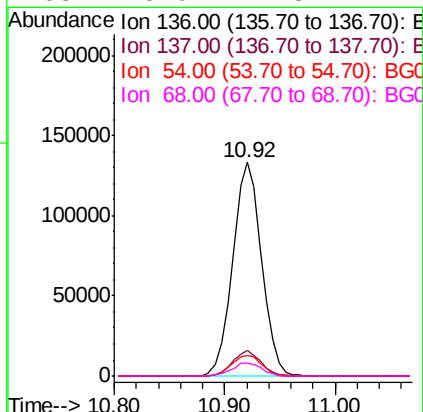
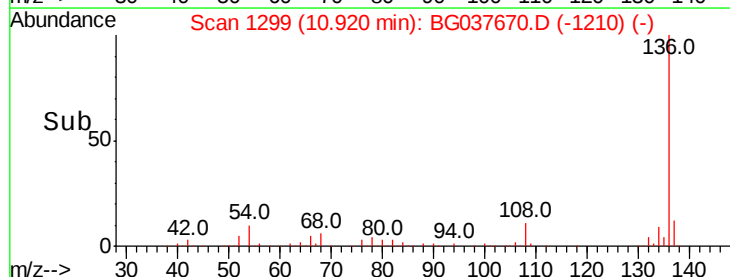
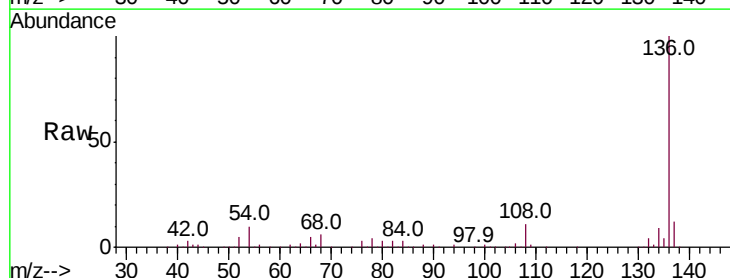
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 9.9 7.9 11.9

68 6.0 4.8 7.2

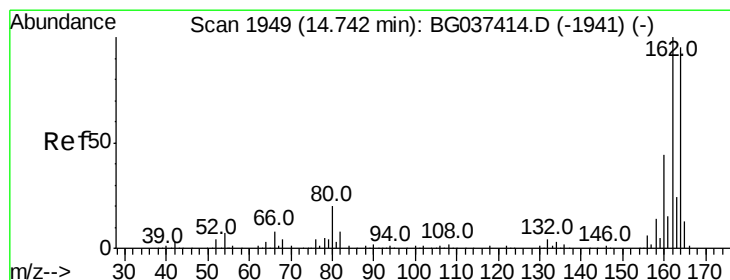
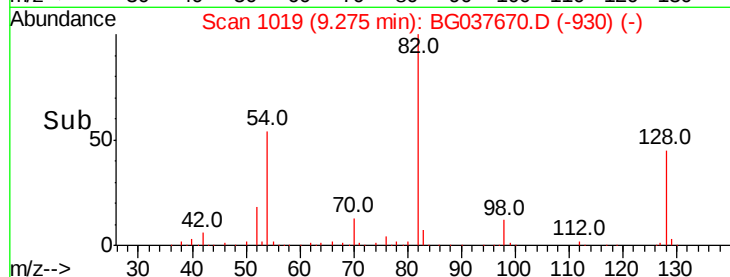
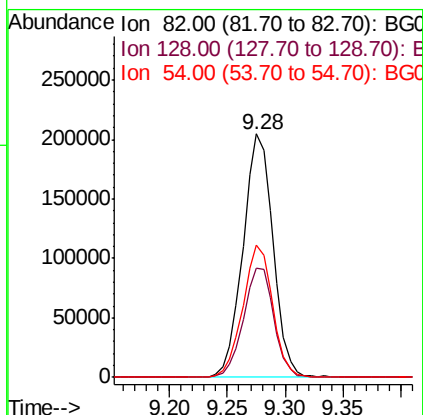
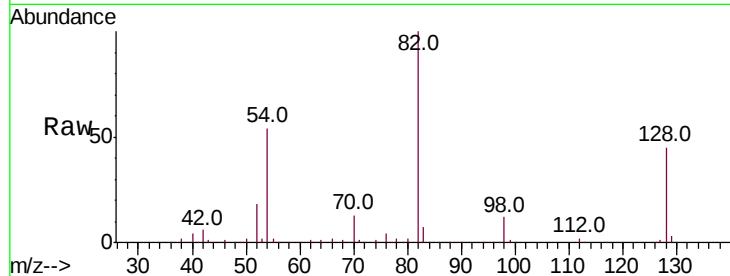




#23
Nitrobenzene-d5
Concen: 85.267 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

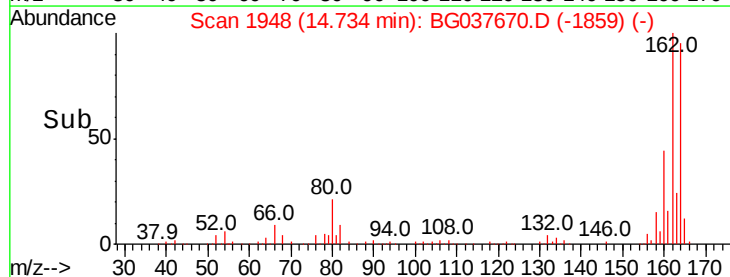
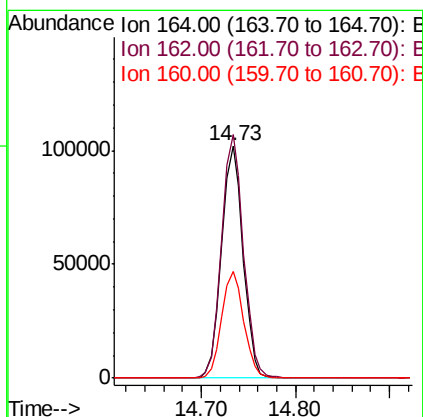
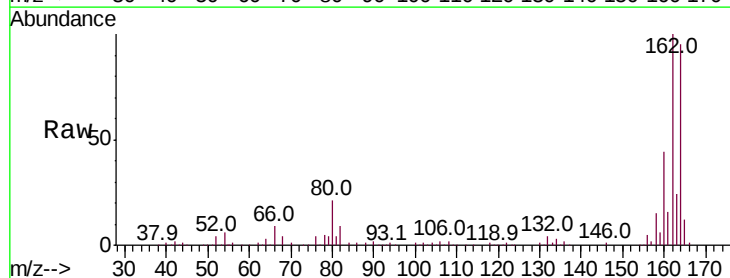
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

Tot Ion: 82 Resp: 371038
Ion Ratio Lower Upper
82 100
128 44.8 34.6 51.8
54 54.2 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: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion: 164 Resp: 163661
Ion Ratio Lower Upper
164 100
162 104.9 81.3 121.9
160 45.7 36.3 54.5

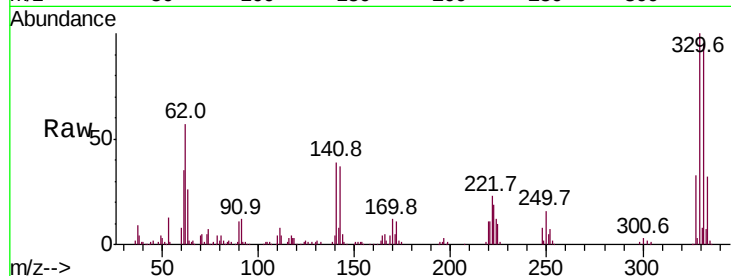




#42
 2,4,6-Tribromophenol
 Concen: 111.480 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037670.D
 Acq: 31 Oct 2018 2:26

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	38.8	32.2	48.2

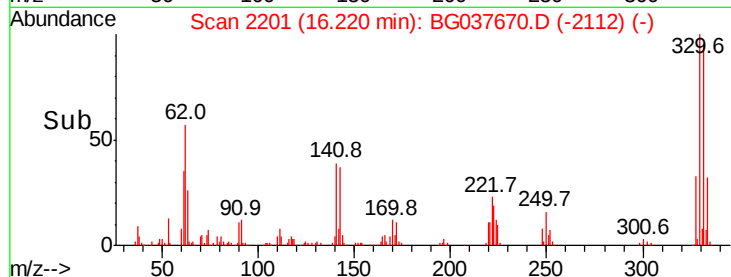
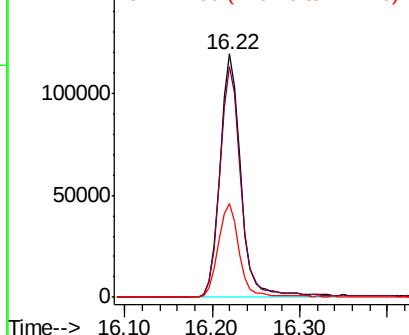


Abundance

Ion 329.80 (329.50 to 330.50): E

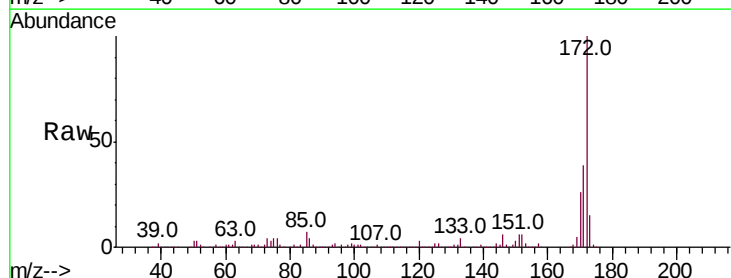
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.833 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037670.D
 Acq: 31 Oct 2018 2:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.6	20.2	30.2

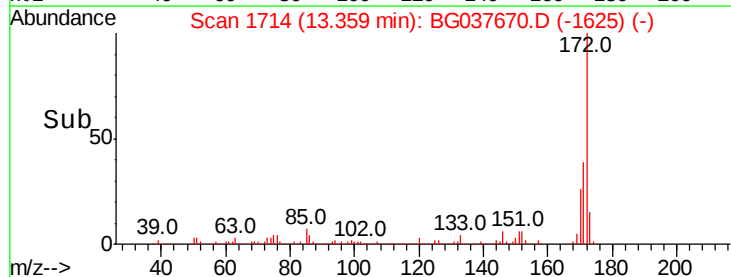
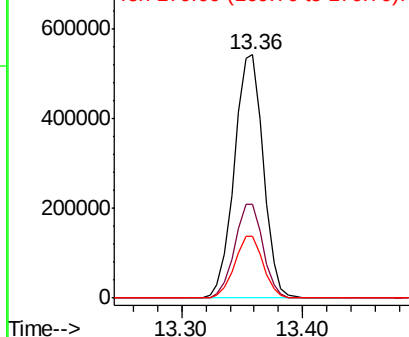


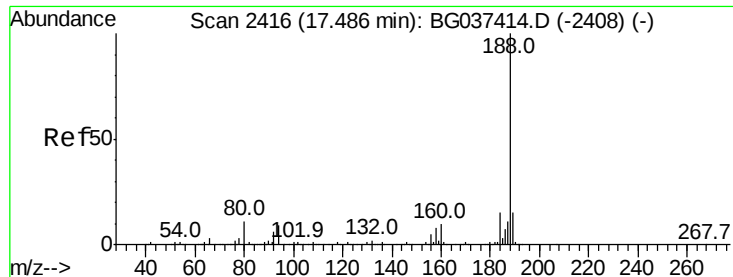
Abundance

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

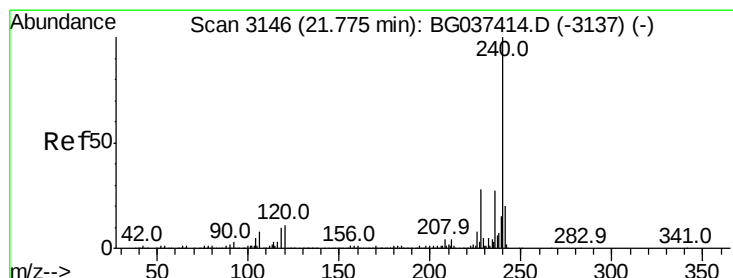
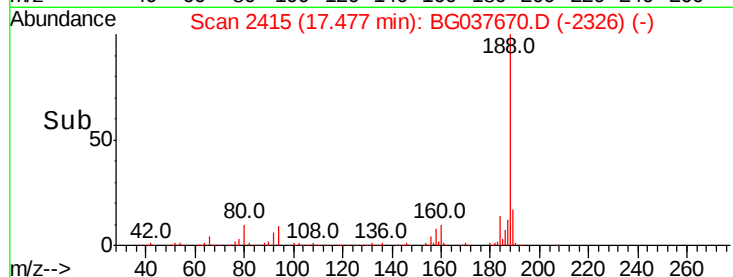
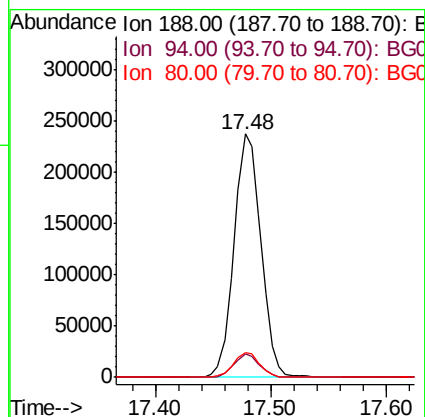
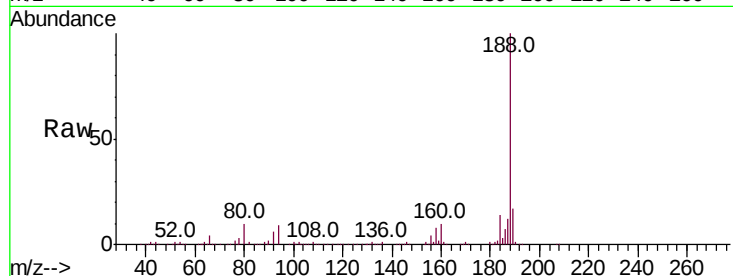




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

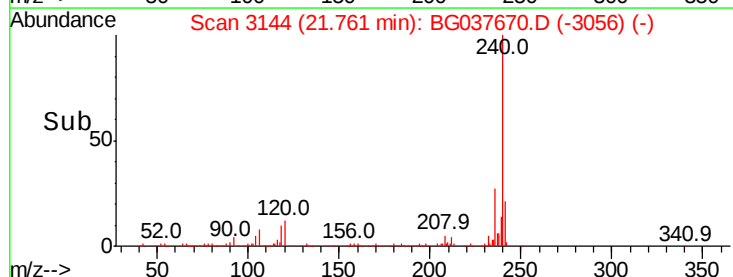
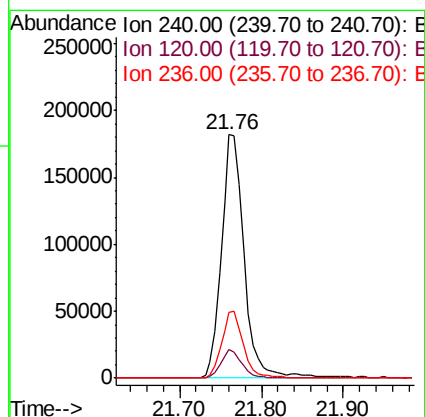
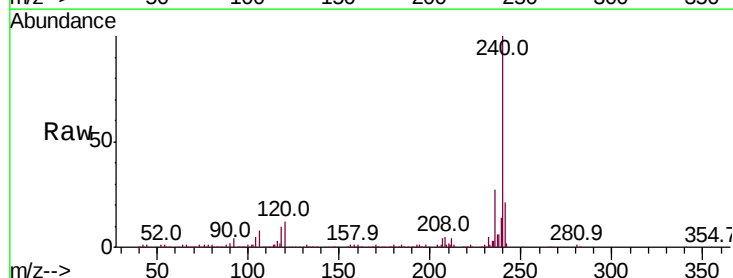
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-B

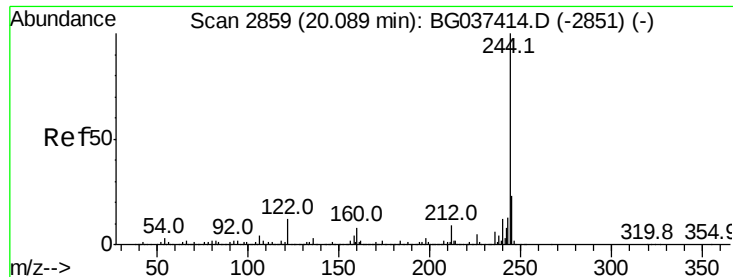
Tot Ion:188 Resp: 382636
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037670.D
Acq: 31 Oct 2018 2:26

Tgt Ion:240 Resp: 351325
Ion Ratio Lower Upper
240 100
120 11.7 8.1 12.1
236 27.1 21.4 32.0





#79

Terphenyl-d14

Concen: 82.152 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037670.D

Acq: 31 Oct 2018 2:26

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-B

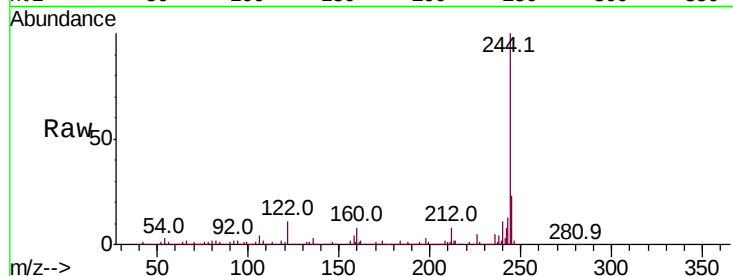
Tot Ion:244 Resp: 1350736

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

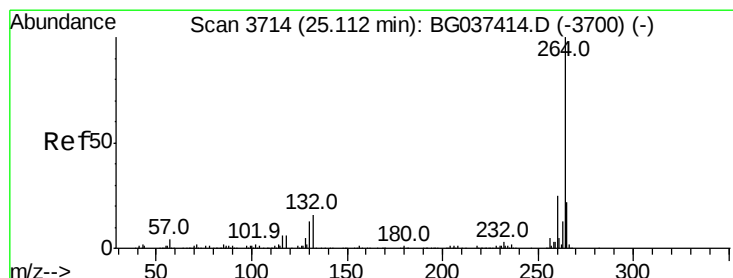
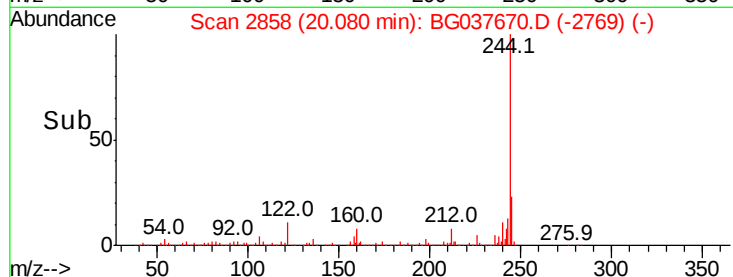
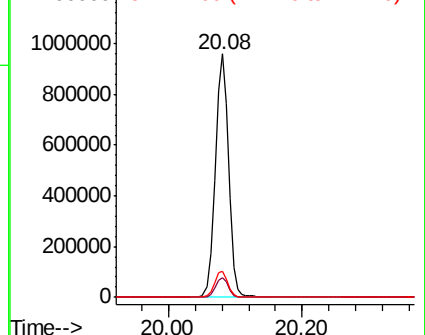
122 10.8 9.0 13.4



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# 3712

Delta R.T. -0.01 min

Lab File: BG037670.D

Acq: 31 Oct 2018 2:26

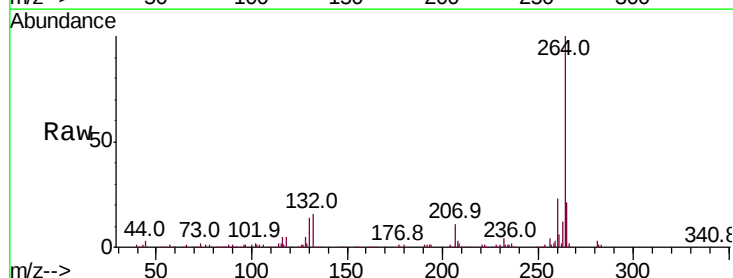
Tgt Ion:264 Resp: 301937

Ion Ratio Lower Upper

264 100

260 23.0 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

