

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037934.D
 Acq On : 9 Nov 2018 23:51
 Operator : JU/SJ
 Sample : J5863-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3263

Quant Time: Nov 12 07:19:04 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	48099	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	207007	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	135408	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	299724	20.00	ng	0.00
76) Chrysene-d12	21.76	240	254644	20.00	ng	-0.02
87) Perylene-d12	25.10	264	181170	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	310027	107.76	ng	0.00
7) Phenol-d6	7.24	99	402935	92.62	ng	-0.02
23) Nitrobenzene-d5	9.27	82	310761	84.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	142306	96.36	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	721724	80.37	ng	-0.02
79) Terphenyl-d14	20.07	244	1087391	91.25	ng	-0.02

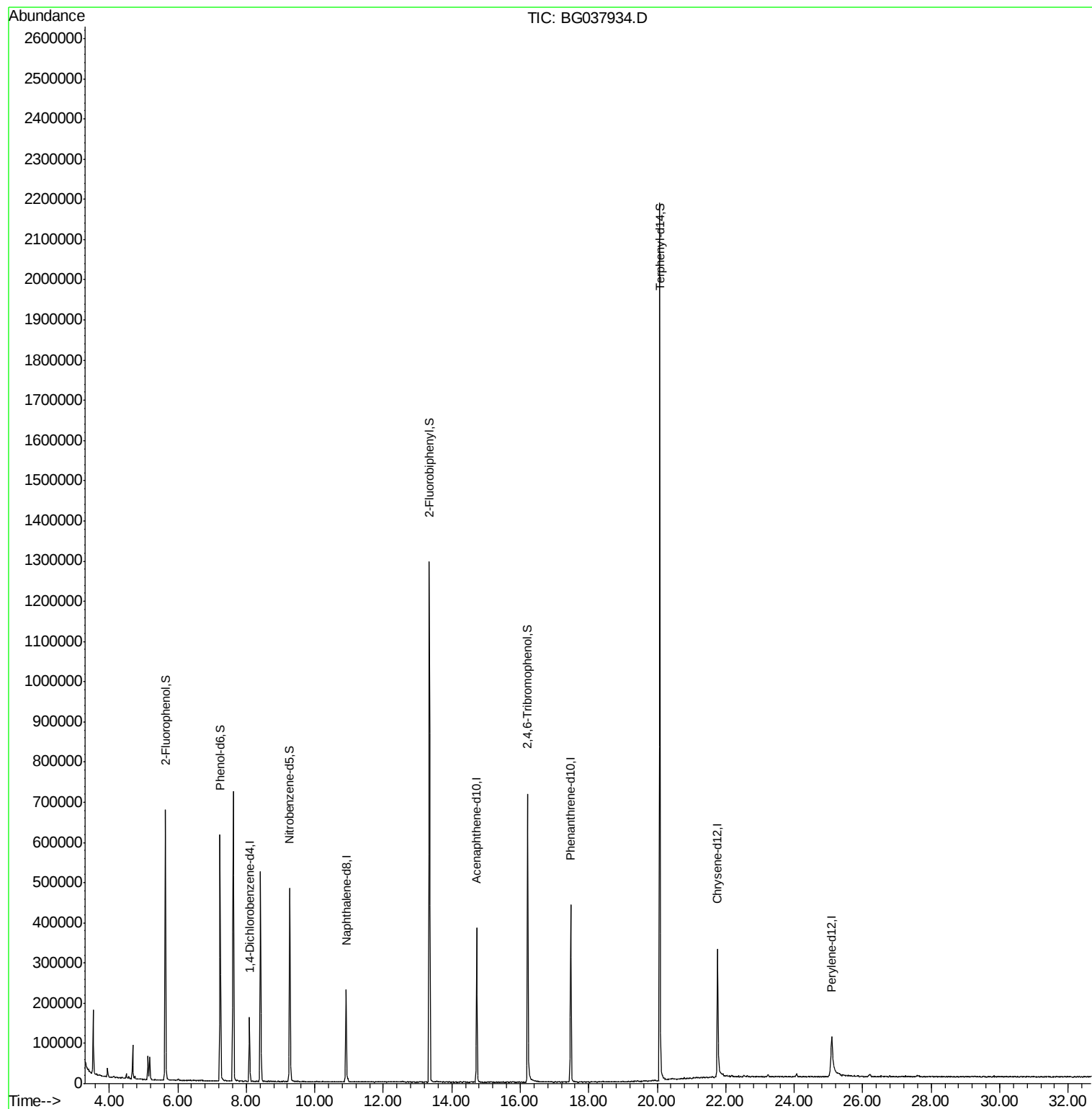
Target Compounds	Qvalue
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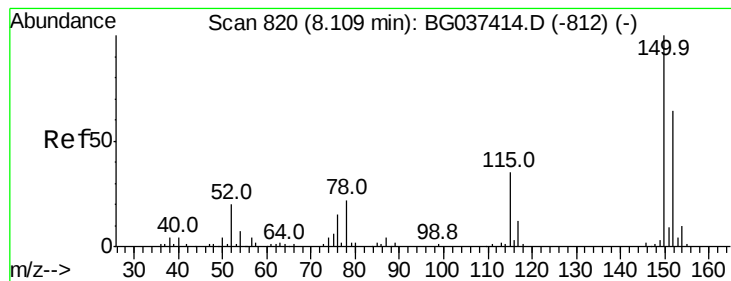
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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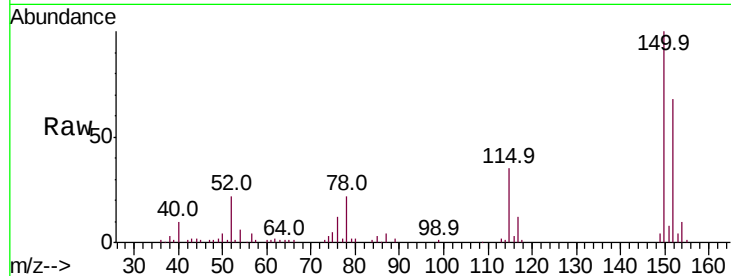


#1

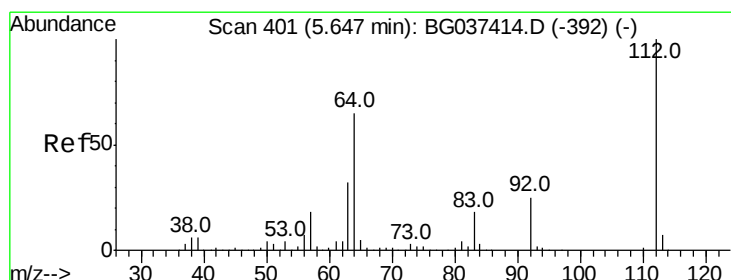
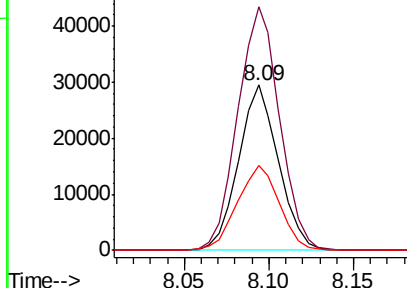
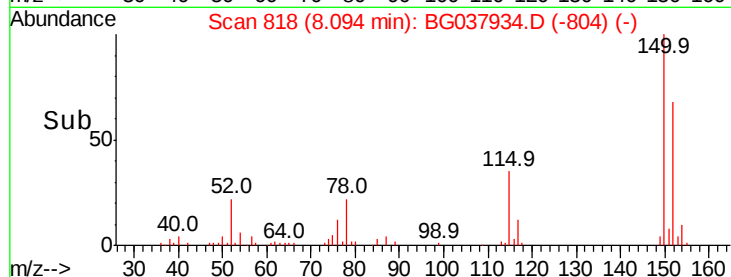
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Instrument :
BNA_G
ClientSampleId :
RT-3263

Tot Ion:152 Resp: 48099
Ion Ratio Lower Upper
152 100
150 147.4 126.0 189.0
115 51.4 45.5 68.3



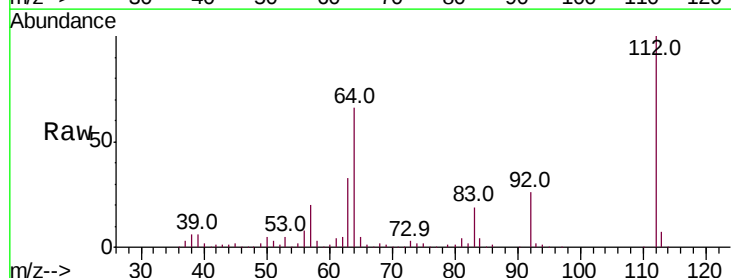
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



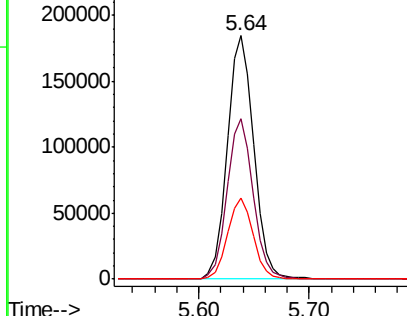
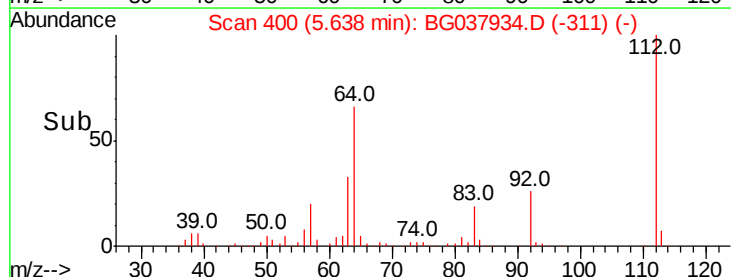
#5

2-Fluorophenol
Concen: 107.761 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Tgt Ion:112 Resp: 310027
Ion Ratio Lower Upper
112 100
64 66.1 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: 92.621 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

Instrument :

BNA_G

ClientSampleId :

RT-3263

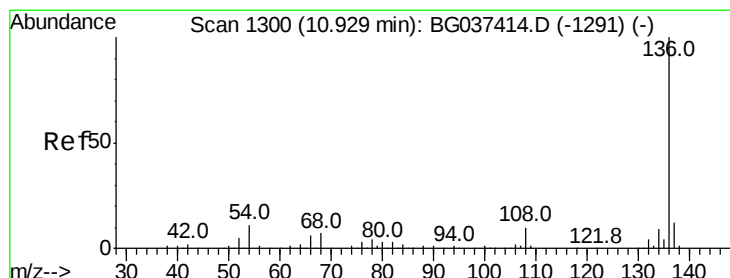
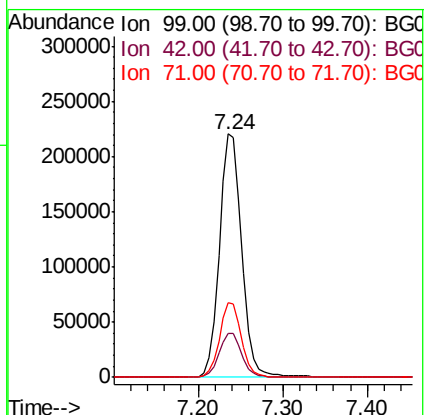
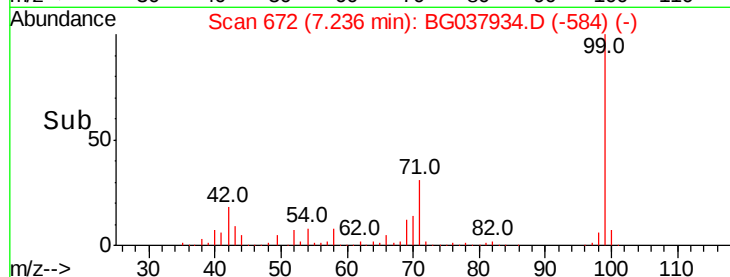
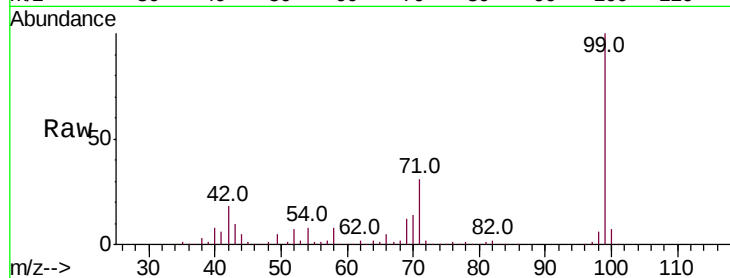
Tot Ion: 99 Resp: 402935

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

71 30.6 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

Tgt Ion: 136 Resp: 207007

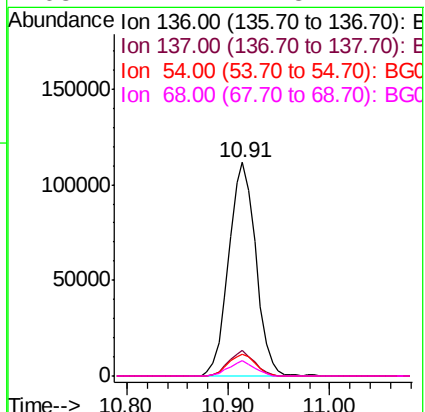
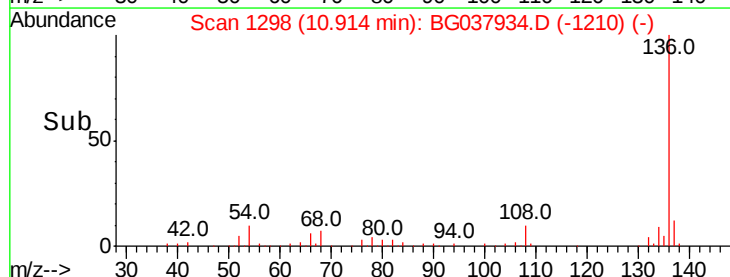
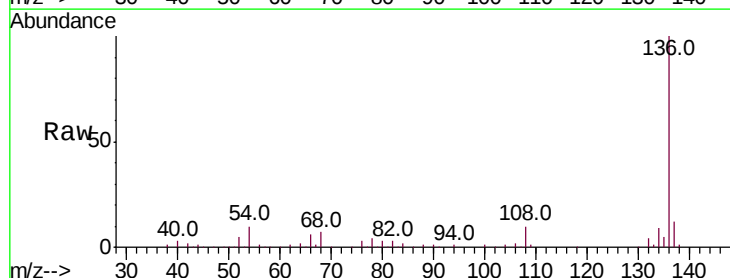
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 10.4 7.9 11.9

68 7.1 4.8 7.2

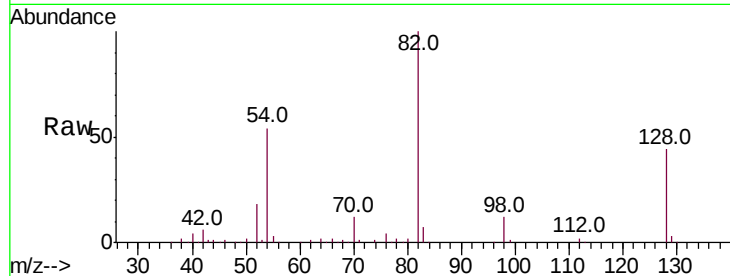




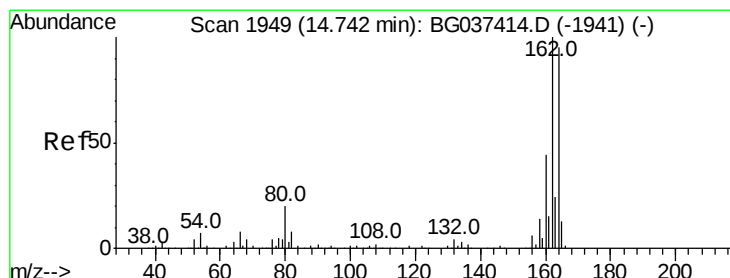
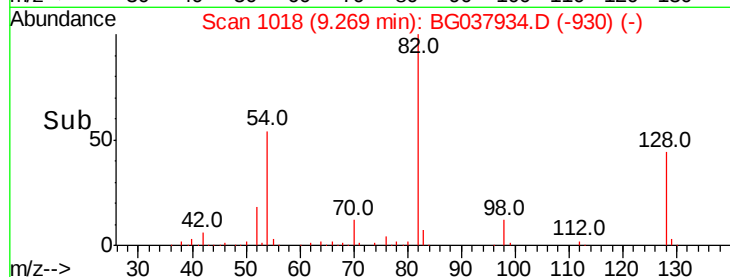
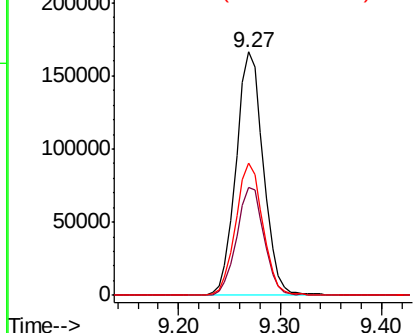
#23
Nitrobenzene-d5
Concen: 84.096 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Instrument :
BNA_G
ClientSampleId :
RT-3263

Tot Ion: 82 Resp: 310761
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 54.4 45.3 67.9

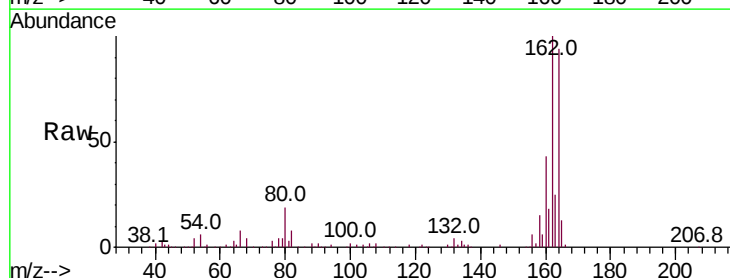


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

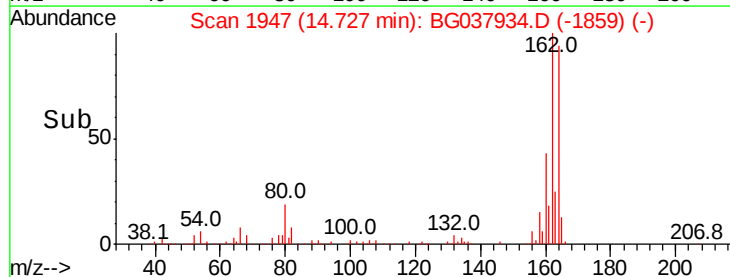
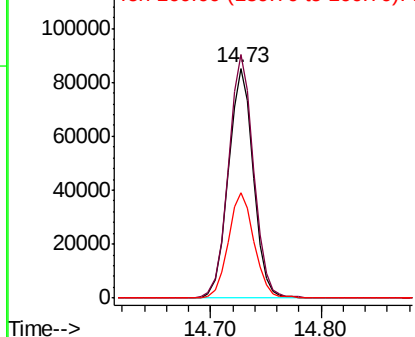


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Tgt Ion:164 Resp: 135408
Ion Ratio Lower Upper
164 100
162 105.9 81.3 121.9
160 45.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

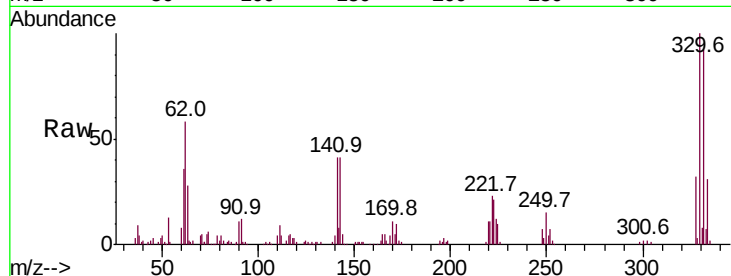




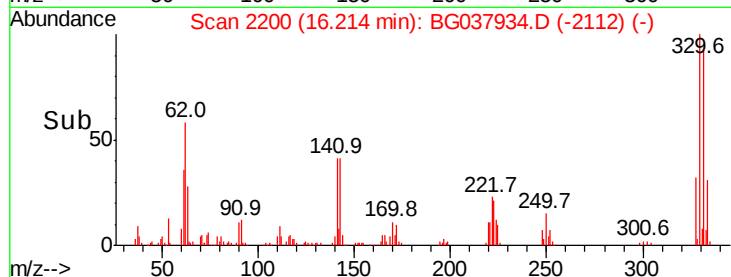
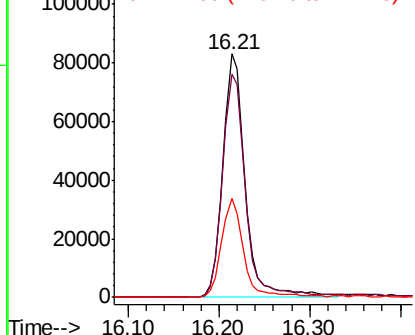
#42
 2,4,6-Tribromophenol
 Concen: 96.356 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037934.D
 Acq: 9 Nov 2018 23:51

Instrument :
 BNA_G
 ClientSampled :
 RT-3263

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	39.6	32.2	48.2

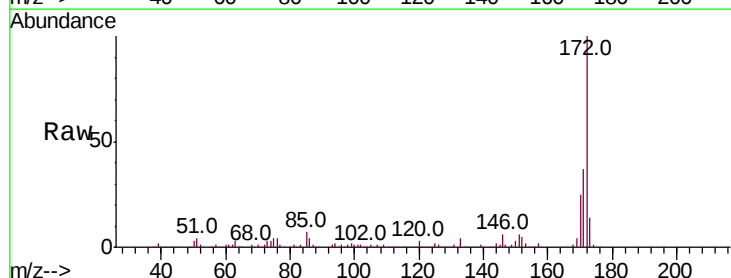


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

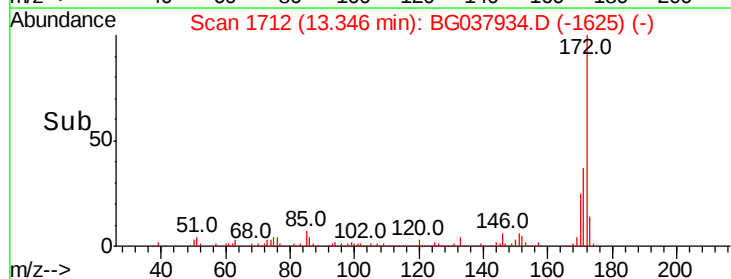
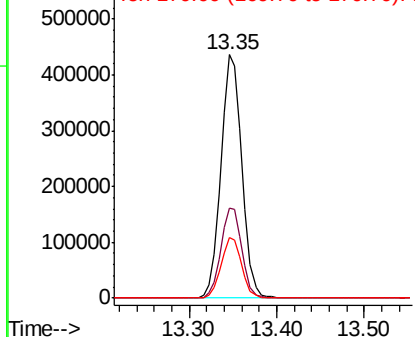


#45
 2-Fluorobiphenyl
 Concen: 80.373 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037934.D
 Acq: 9 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	25.1	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

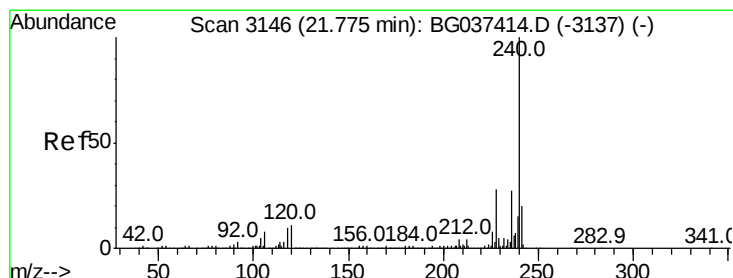
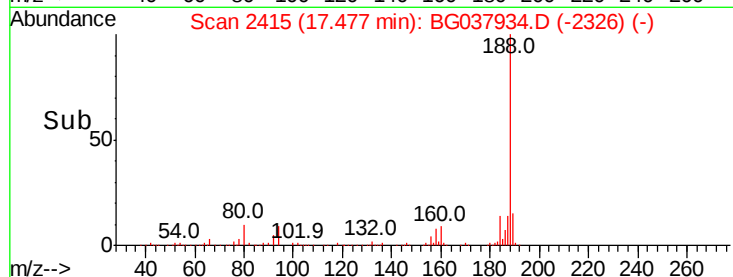
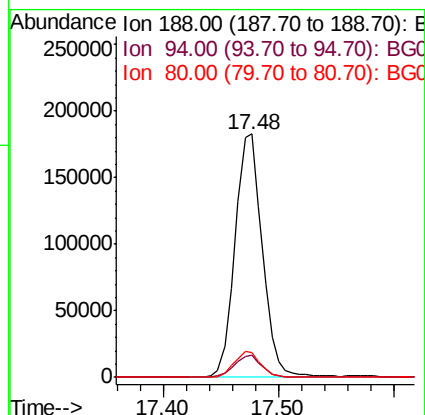
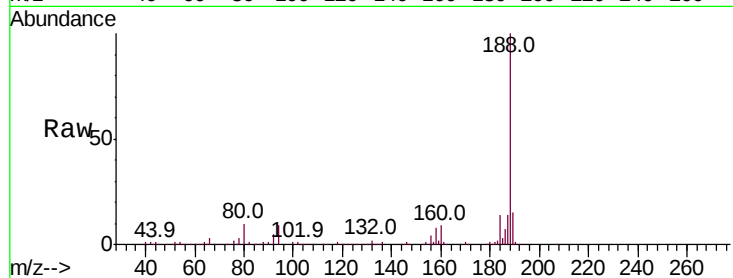




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

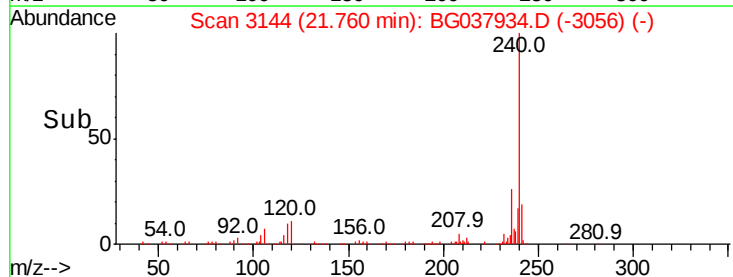
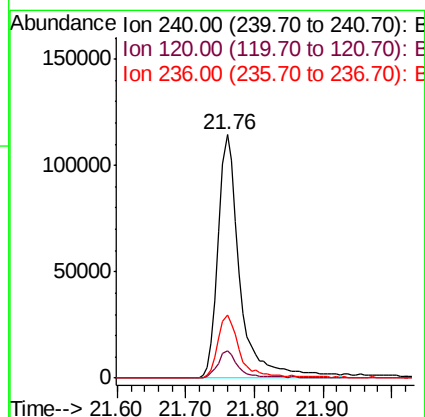
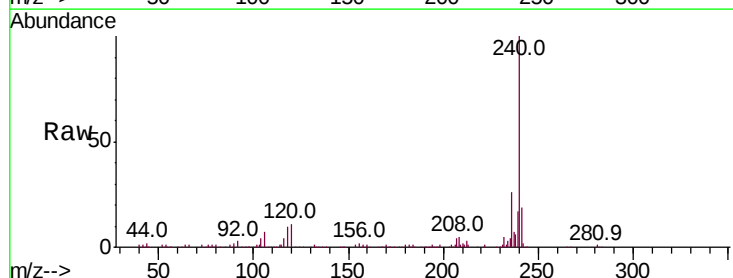
Instrument :
BNA_G
ClientSampleId :
RT-3263

Tot Ion:188 Resp: 299724
Ion Ratio Lower Upper
188 100
94 9.1 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. -0.02 min
Lab File: BG037934.D
Acq: 9 Nov 2018 23:51

Tgt Ion:240 Resp: 254644
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.1 21.4 32.0





#79

Terphenyl-d14

Concen: 91.245 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

Instrument :

BNA_G

ClientSampleId :

RT-3263

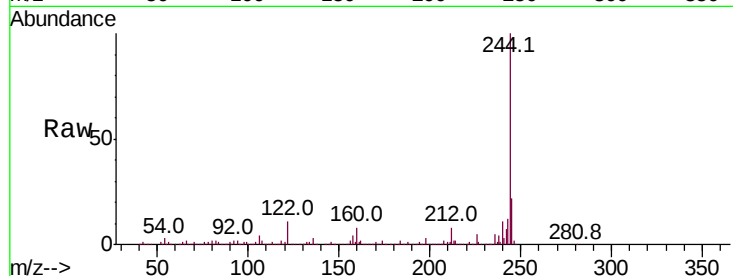
Tot Ion:244 Resp: 1087391

Ion Ratio Lower Upper

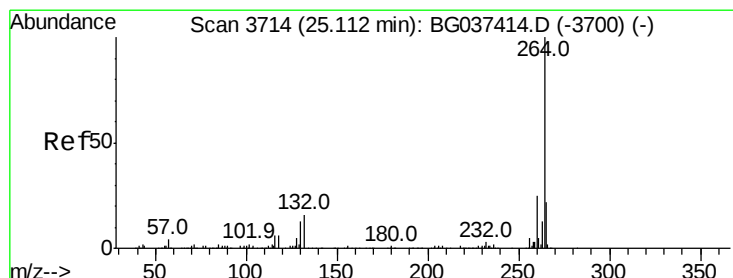
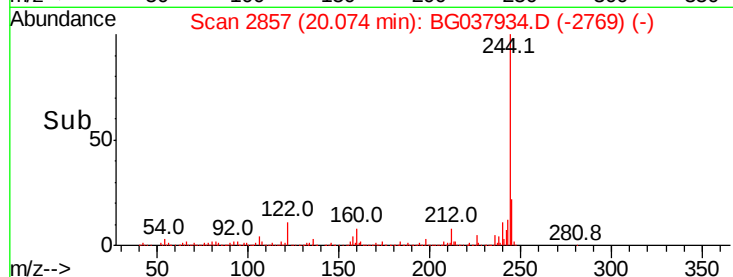
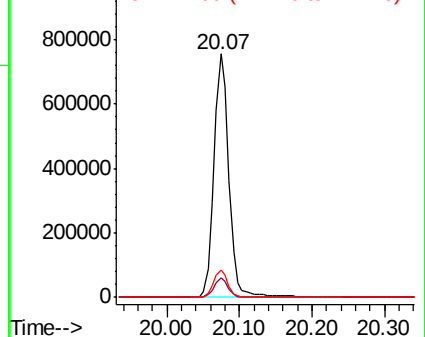
244 100

212 8.2 6.5 9.7

122 11.1 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. -0.02 min

Lab File: BG037934.D

Acq: 9 Nov 2018 23:51

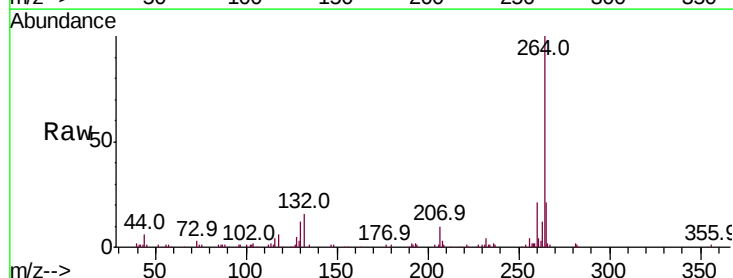
Tgt Ion:264 Resp: 181170

Ion Ratio Lower Upper

264 100

260 21.2 18.2 27.4

265 20.7 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

