

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037926.D
 Acq On : 9 Nov 2018 18:39
 Operator : JU/SJ
 Sample : PB114695BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BL

Quant Time: Nov 12 06:53:19 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	45745	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	210931	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	144929	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	330221	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	298664	20.00	ng	-0.02
87) Perylene-d12	25.08	264	233113	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	313137	114.44	ng	-0.01
7) Phenol-d6	7.24	99	457576	110.59	ng	-0.02
23) Nitrobenzene-d5	9.27	82	272256	72.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	162969	103.10	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	712364	74.12	ng	-0.02
79) Terphenyl-d14	20.07	244	1052406	75.29	ng	-0.02

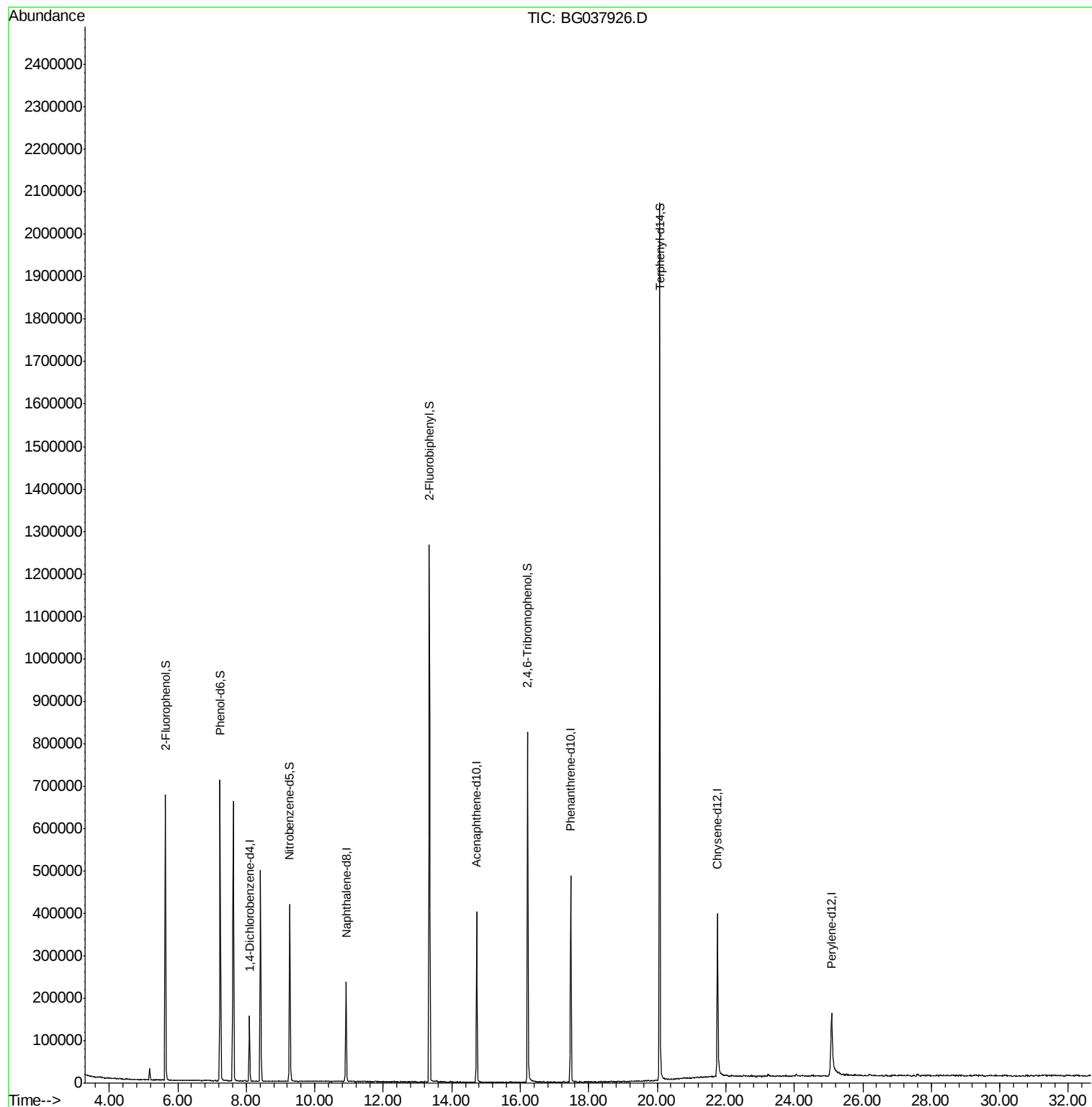
Target Compounds Qvalue

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

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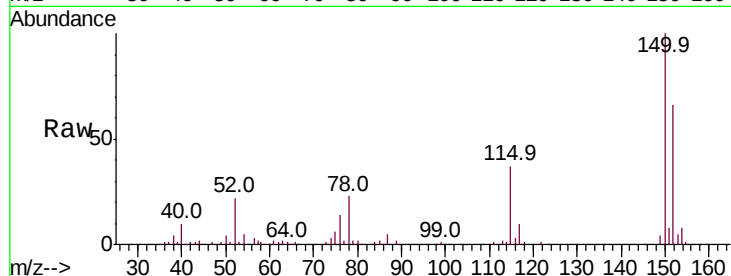


#1

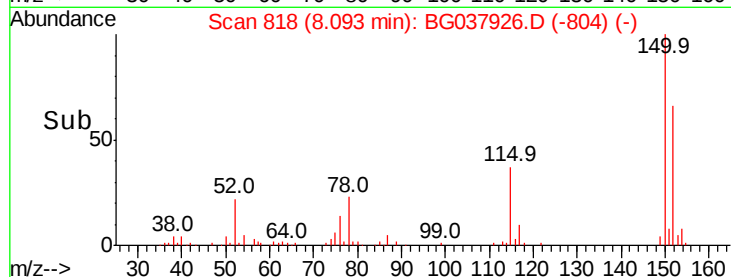
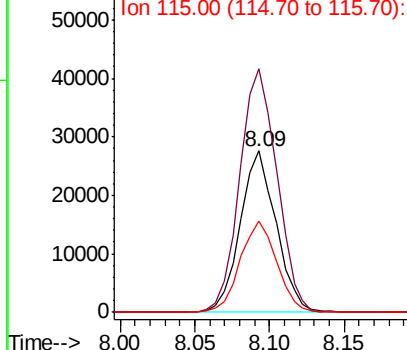
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114695BL

Tot Ion:152 Resp: 45745
Ion Ratio Lower Upper
152 100
150 151.1 126.0 189.0
115 56.5 45.5 68.3



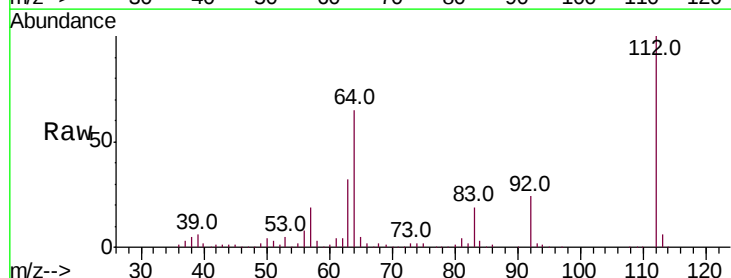
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



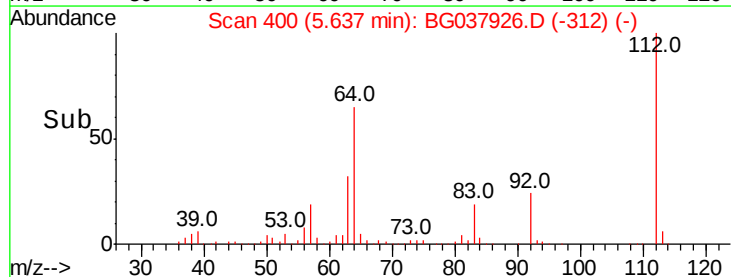
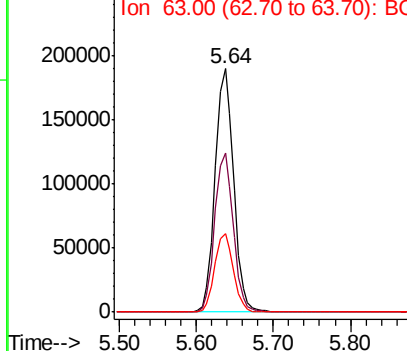
#5

2-Fluorophenol
Concen: 114.443 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

Tgt Ion:112 Resp: 313137
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 32.5 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: 110.594 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114695BL

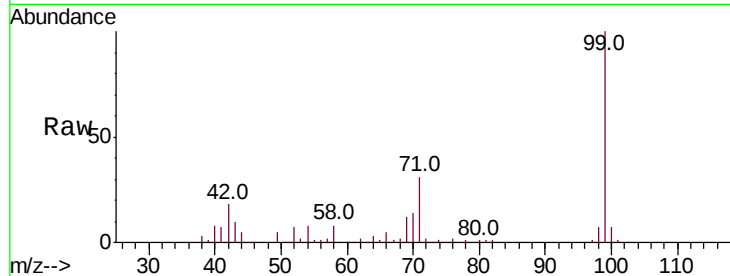
Tot Ion: 99 Resp: 457576

Ion Ratio Lower Upper

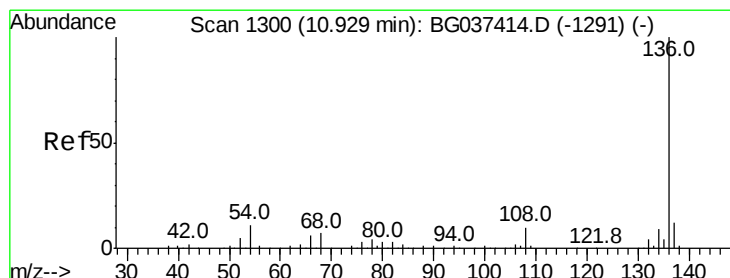
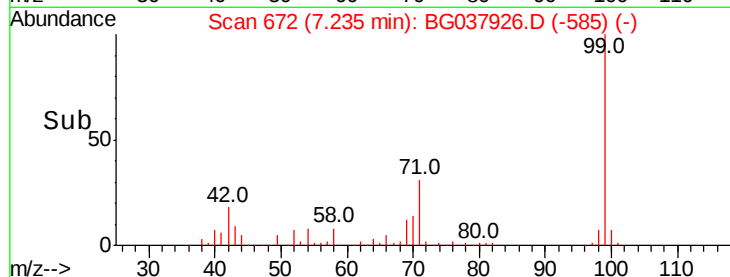
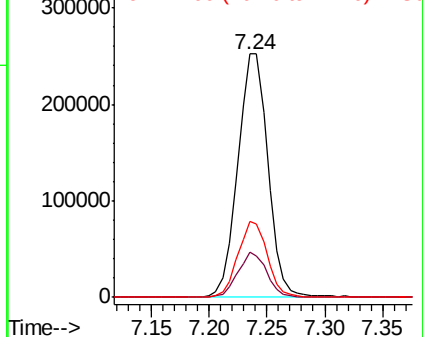
99 100

42 18.3 15.0 22.4

71 31.2 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: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Tgt Ion: 136 Resp: 210931

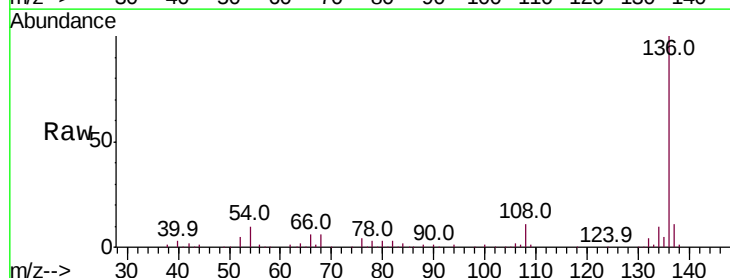
Ion Ratio Lower Upper

136 100

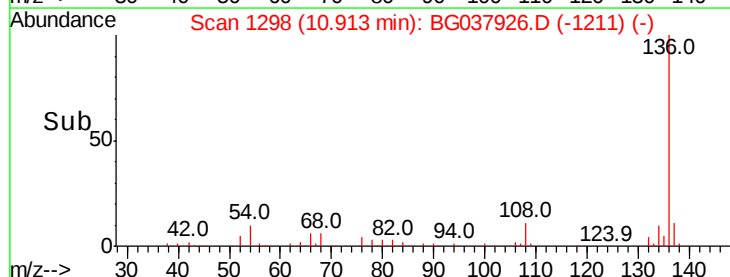
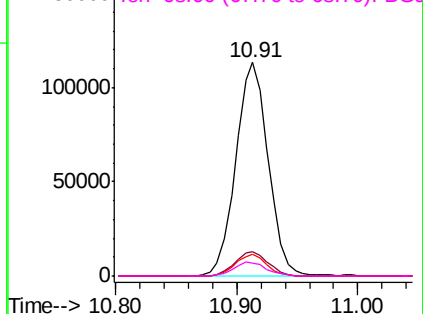
137 11.5 9.6 14.4

54 10.4 7.9 11.9

68 6.1 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

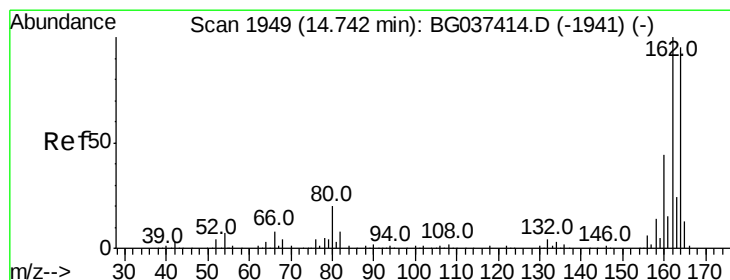
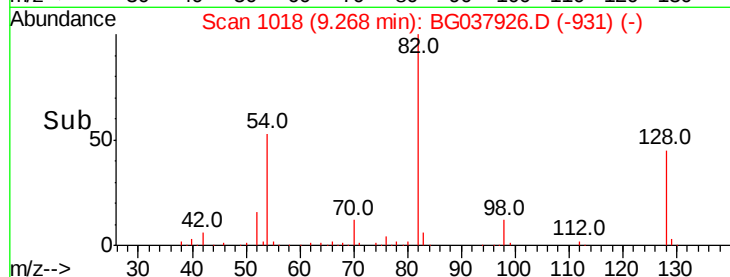
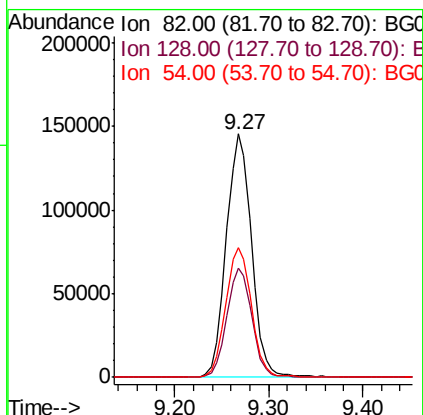
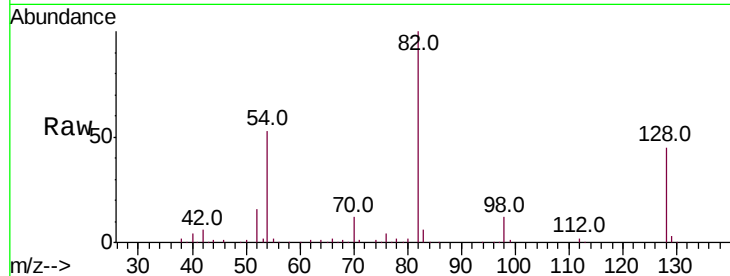




#23
Nitrobenzene-d5
Concen: 72.306 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

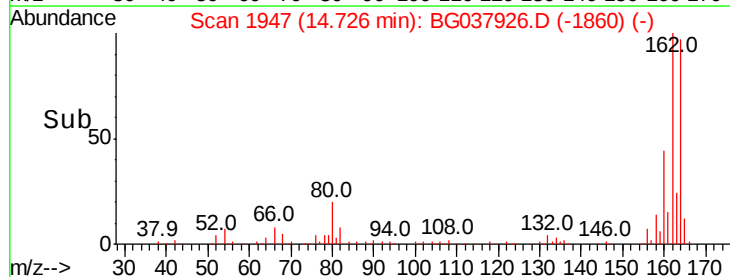
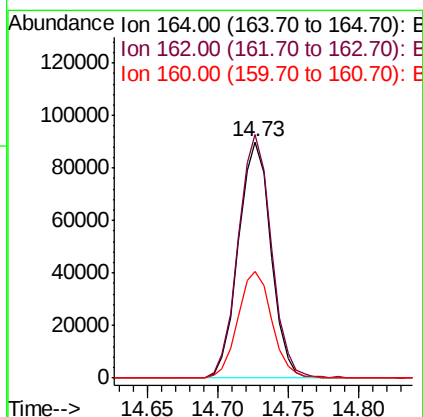
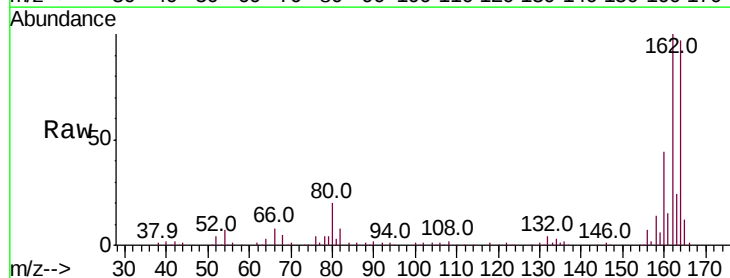
Instrument :
BNA_G
ClientSampleId :
PB114695BL

Tot Ion	82	Resp	272256
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.5	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

Tgt Ion	164	Resp	144929
Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	45.0	36.3	54.5

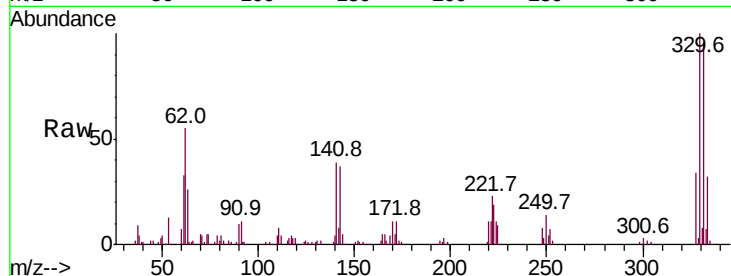




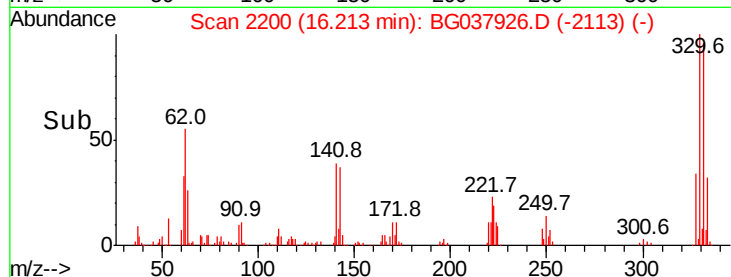
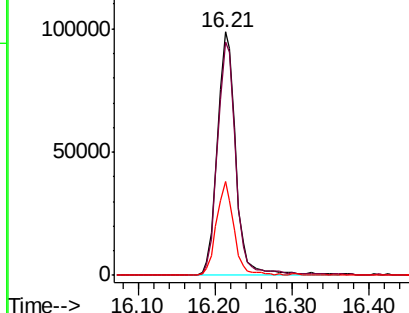
#42
 2,4,6-Tribromophenol
 Concen: 103.098 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037926.D
 Acq: 9 Nov 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	36.6	32.2	48.2

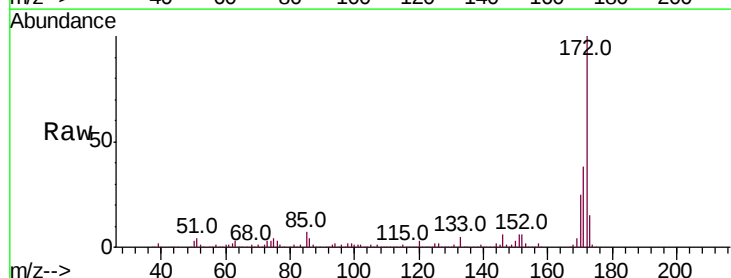


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

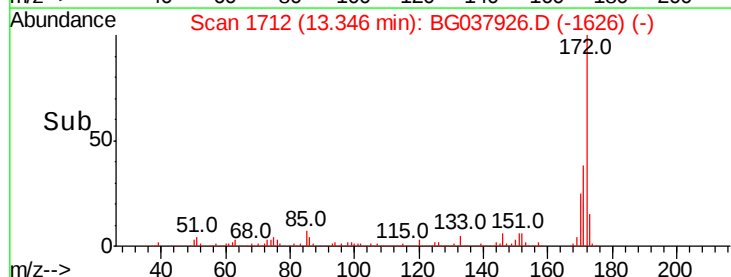
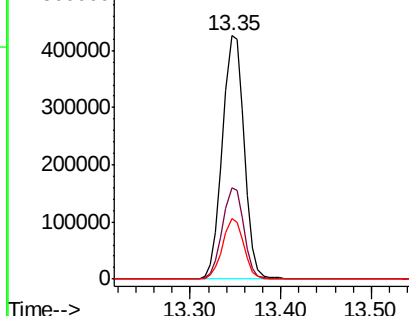


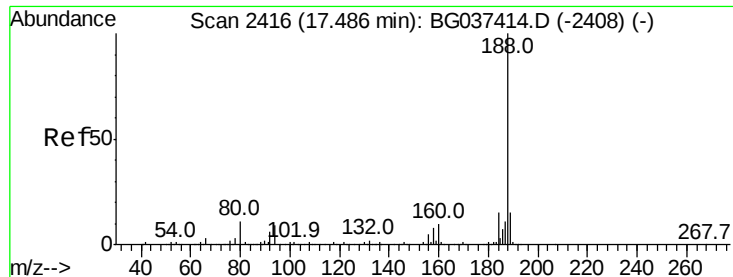
#45
 2-Fluorobiphenyl
 Concen: 74.119 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037926.D
 Acq: 9 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.7	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. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114695BL

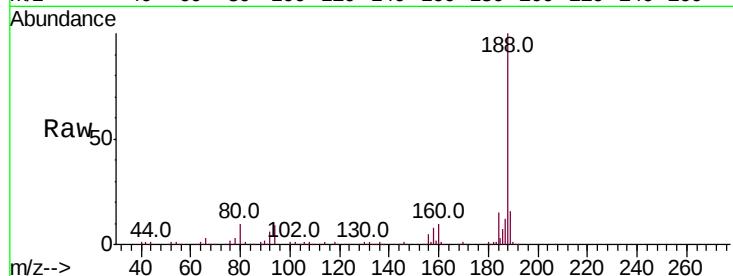
Tot Ion:188 Resp: 330221

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

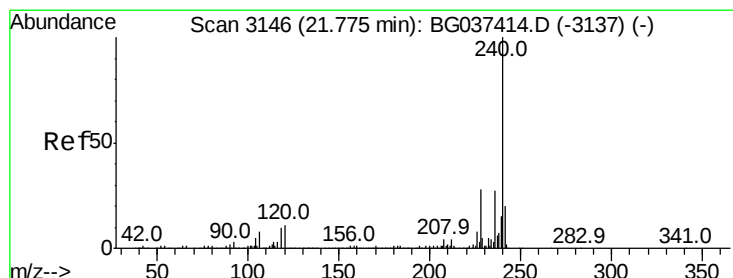
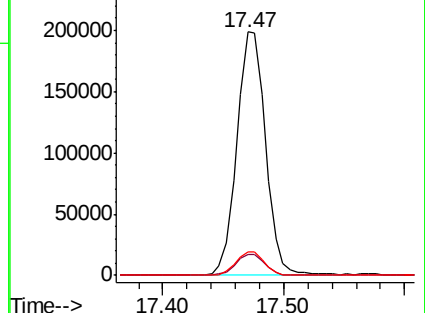
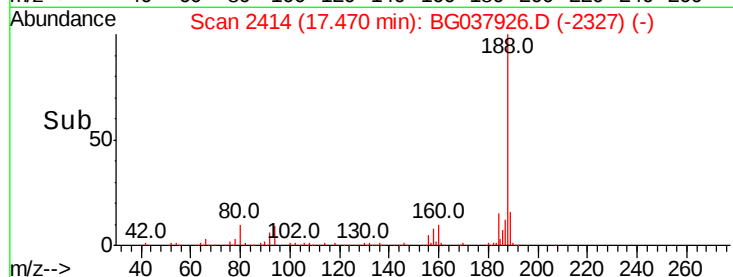
80 9.9 7.7 11.5



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. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

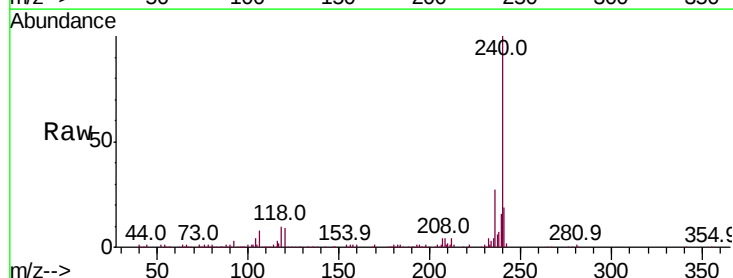
Tgt Ion:240 Resp: 298664

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

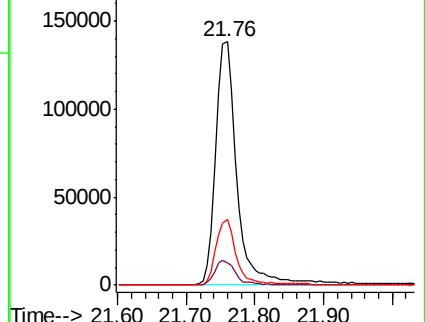
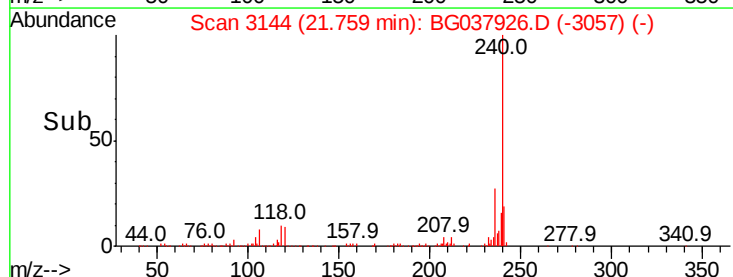
236 26.8 21.4 32.0



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: 75.293 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Instrument :

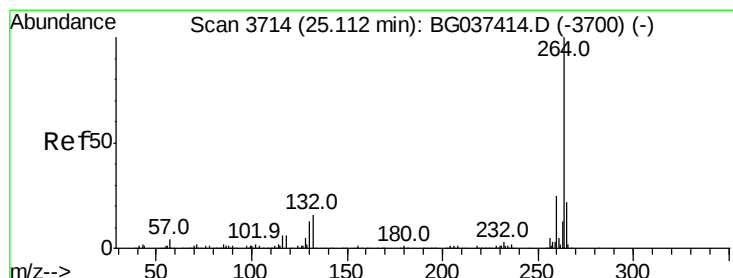
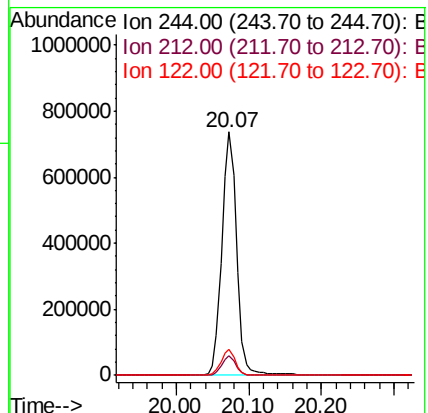
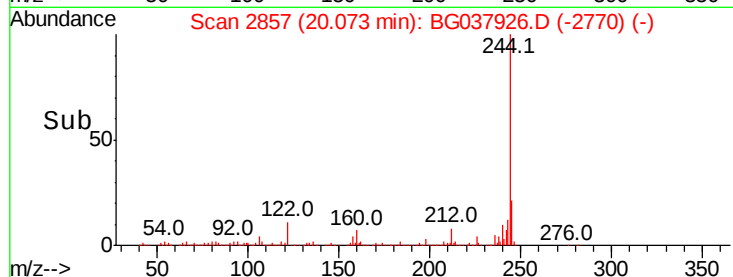
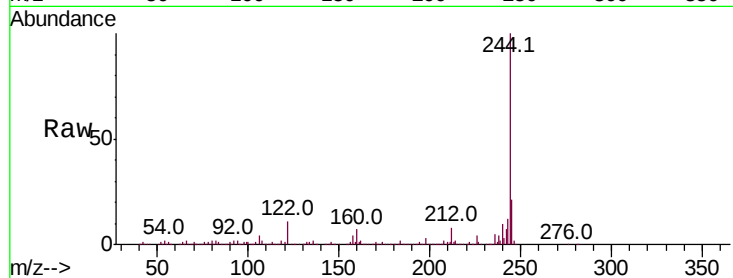
BNA_G

ClientSampleId :

PB114695BL

Tot Ion:244 Resp: 1052406

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.7	9.0	13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Tgt Ion:264 Resp: 233113

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.9	17.9	26.9

