

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037582.D
 Acq On : 26 Oct 2018 15:51
 Operator : JU/SJ
 Sample : PB114176BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Quant Time: Oct 27 03:47:20 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	48616	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	212953	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	146308	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	364651	20.00	ng	0.00
76) Chrysene-d12	21.77	240	333682	20.00	ng	0.00
87) Perylene-d12	25.10	264	315585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	315151	108.38	ng	0.00
7) Phenol-d6	7.25	99	452351	102.87	ng	0.00
23) Nitrobenzene-d5	9.28	82	253651	66.72	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	157069	98.43	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	656404	67.65	ng	0.00
79) Terphenyl-d14	20.08	244	1064723	68.18	ng	0.00

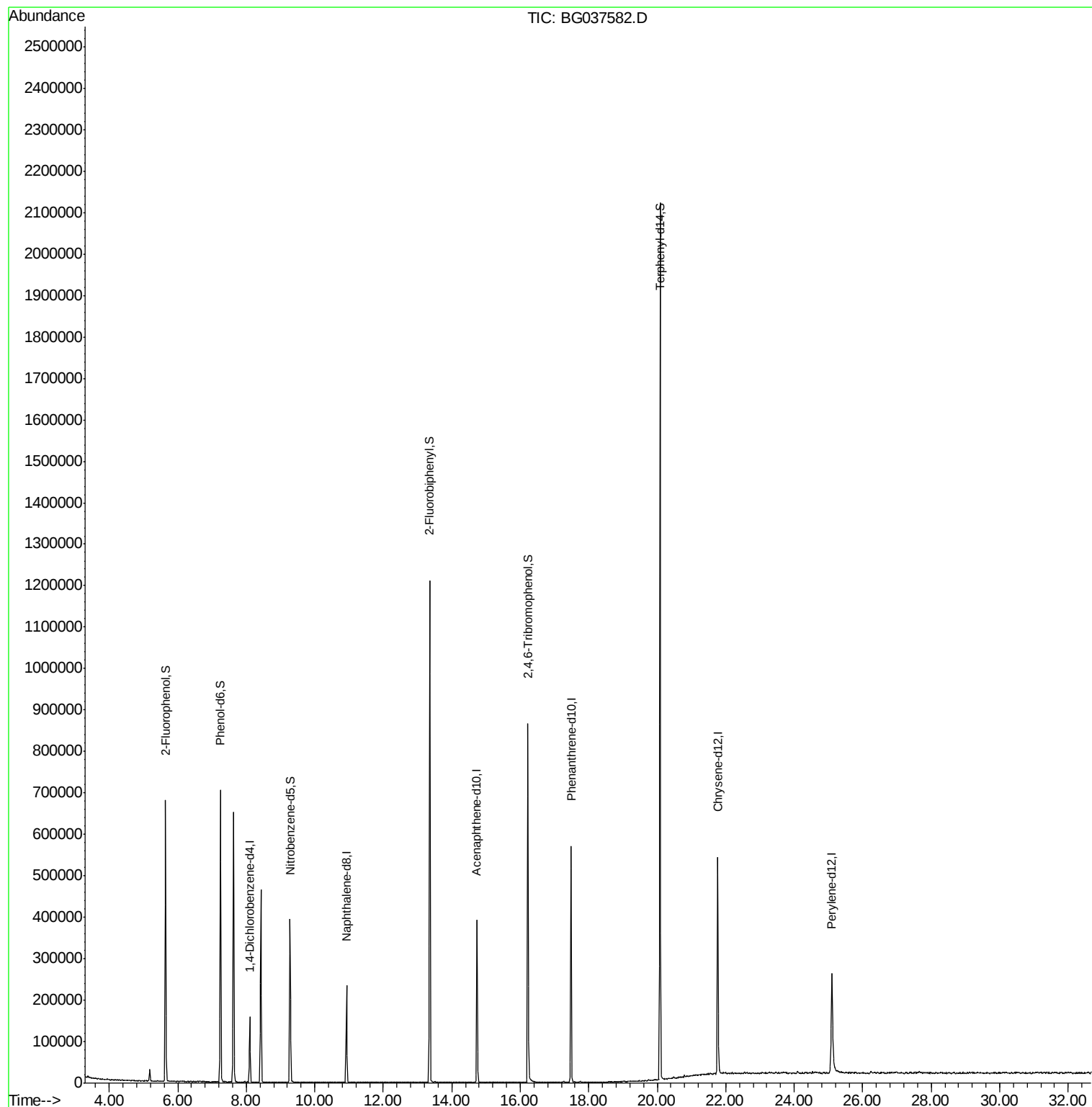
Target Compounds Qvalue

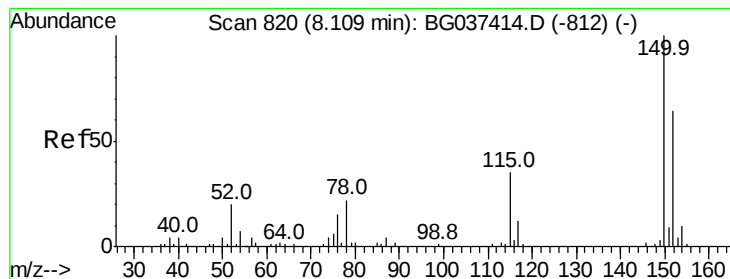
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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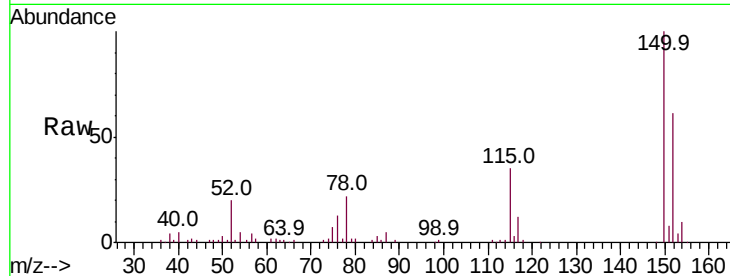


#1

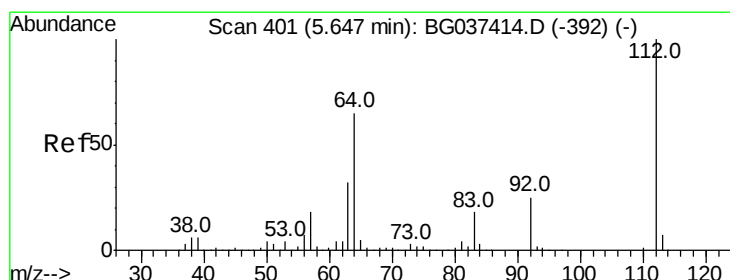
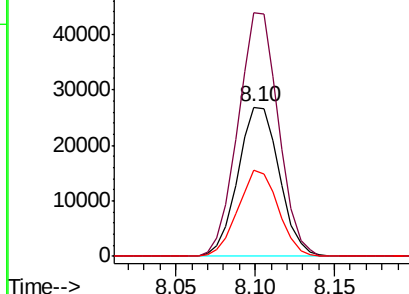
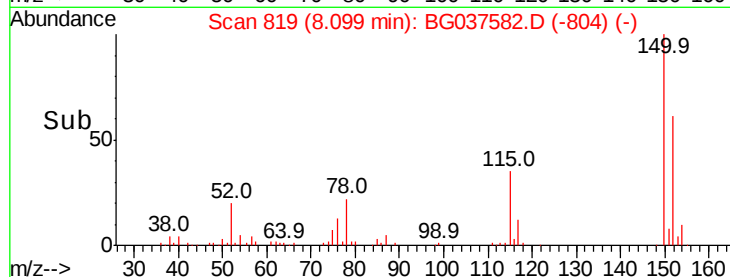
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	126.0	189.0
115	58.0	45.5	68.3



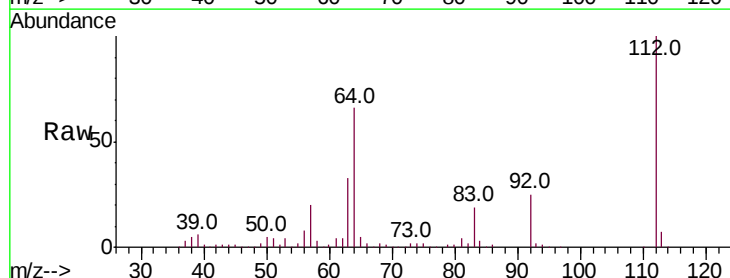
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



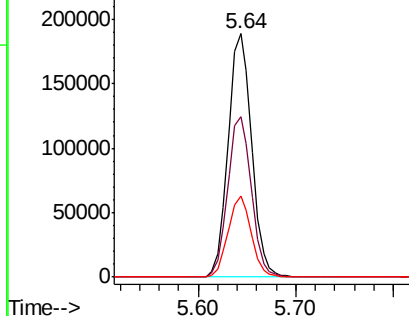
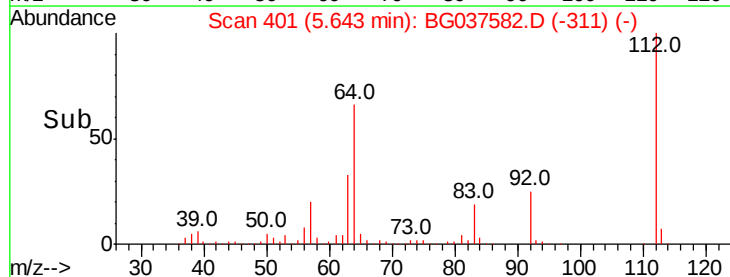
#5

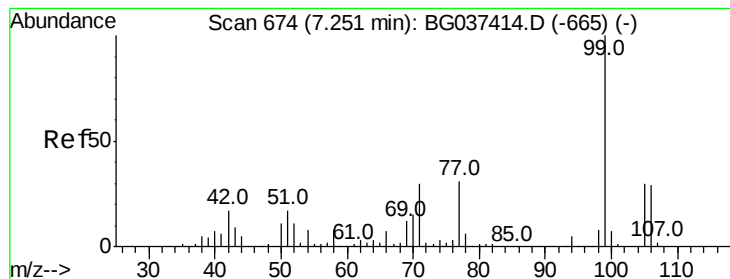
2-Fluorophenol
 Concen: 108.377 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	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: 102.874 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037582.D

Acq: 26 Oct 2018 15:51

Instrument :

BNA_G

ClientSampleId :

PB114176BL

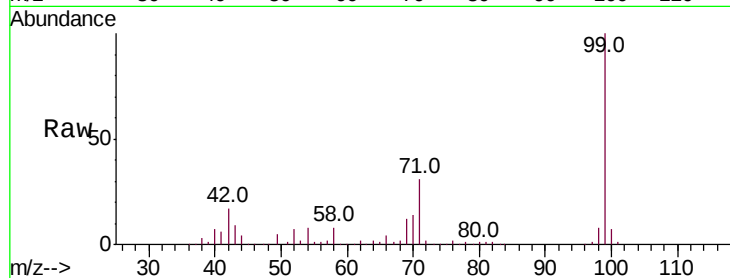
Tot Ion: 99 Resp: 452351

Ion Ratio Lower Upper

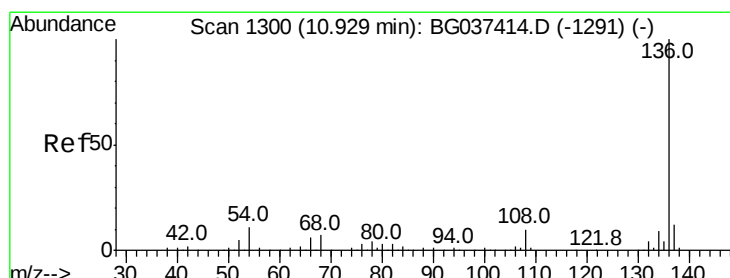
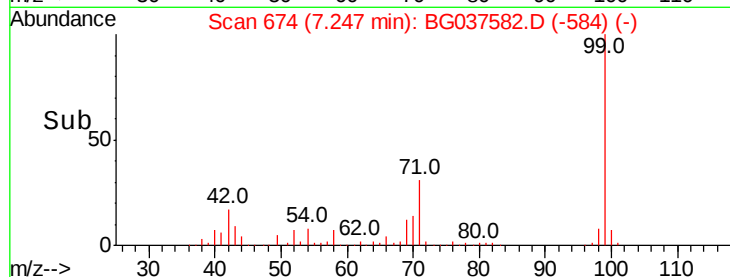
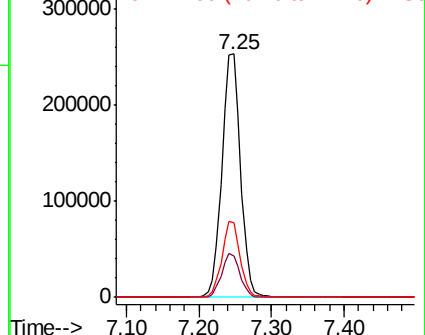
99 100

42 17.2 15.0 22.4

71 30.9 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037582.D

Acq: 26 Oct 2018 15:51

Tgt Ion: 136 Resp: 212953

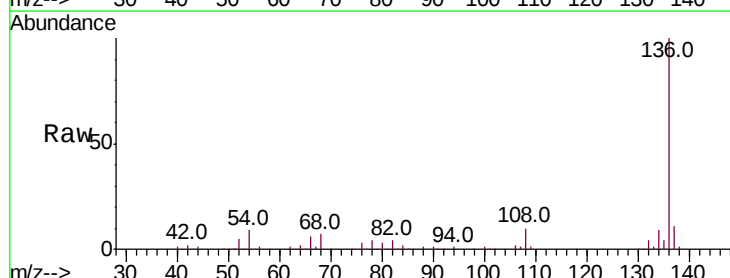
Ion Ratio Lower Upper

136 100

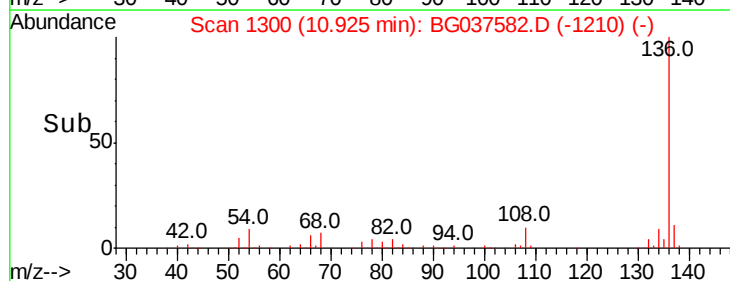
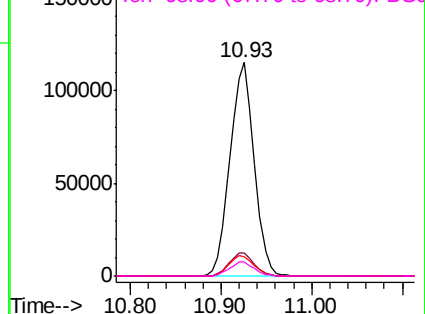
137 10.6 9.6 14.4

54 9.1 7.9 11.9

68 6.5 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

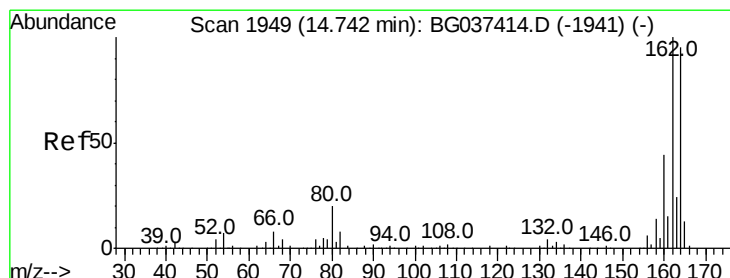
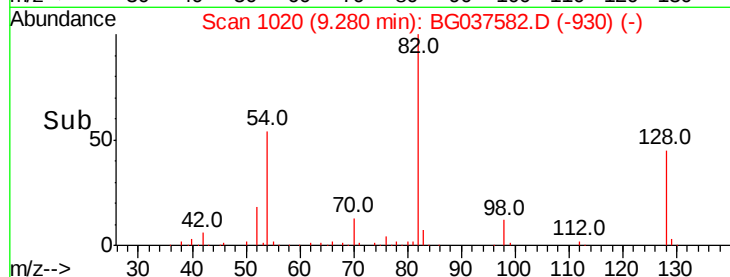
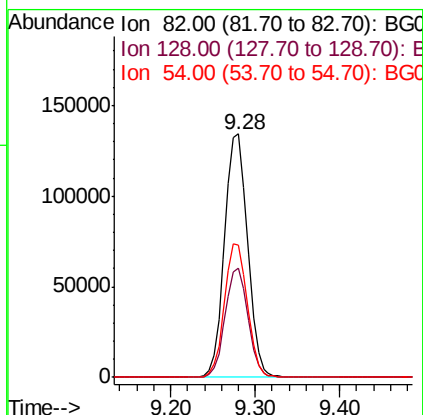
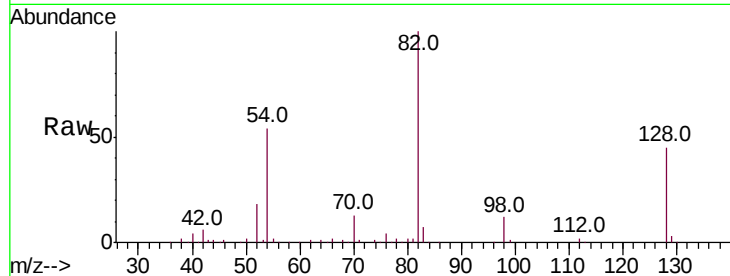




#23
 Nitrobenzene-d5
 Concen: 66.725 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

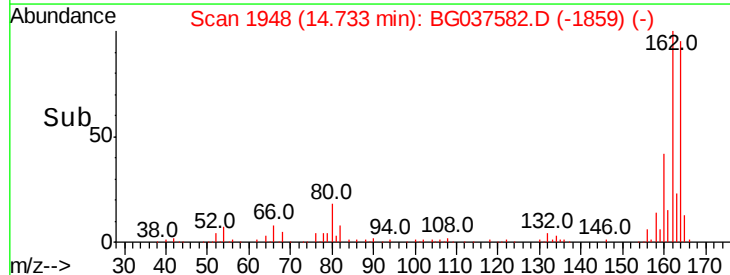
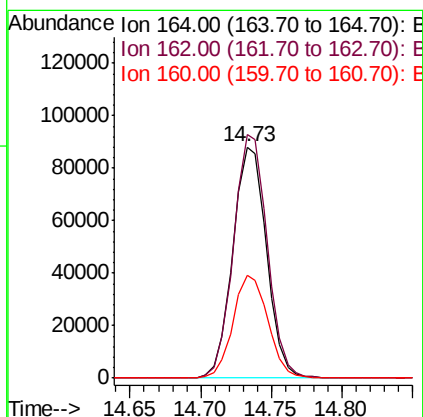
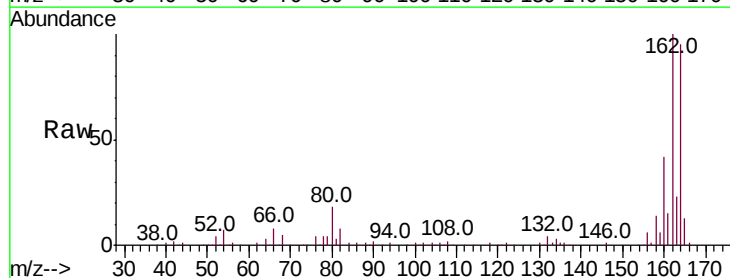
Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	54.5	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: BG037582.D
 Acq: 26 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.3	121.9
160	44.4	36.3	54.5

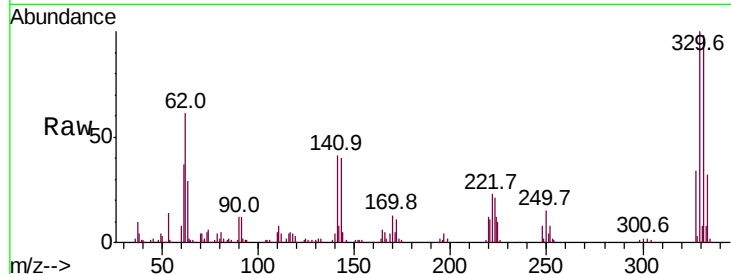




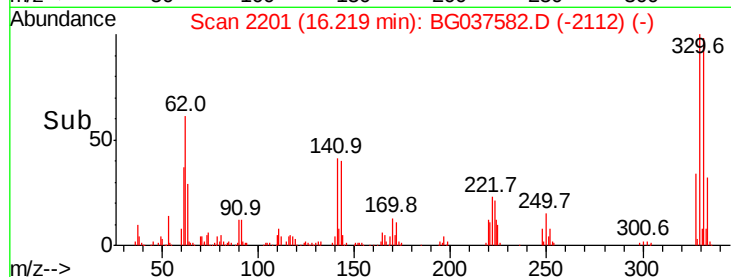
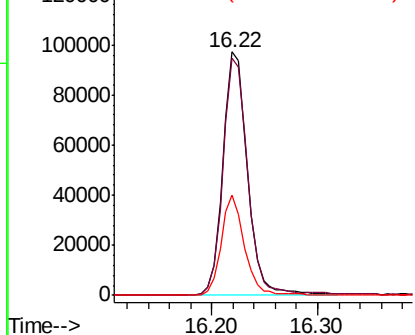
#42
 2,4,6-Tribromophenol
 Concen: 98.429 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Instrument :
 BNA_G
 ClientSampleId :
 PB114176BL

Tot Ion:330 Resp: 157069
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.4 117.6
 141 39.0 32.2 48.2

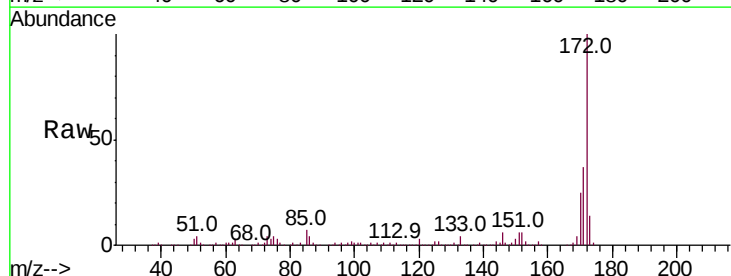


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

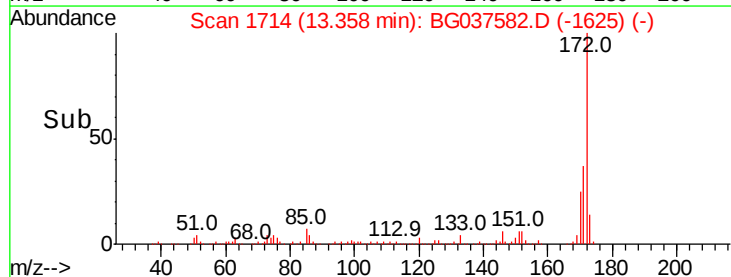
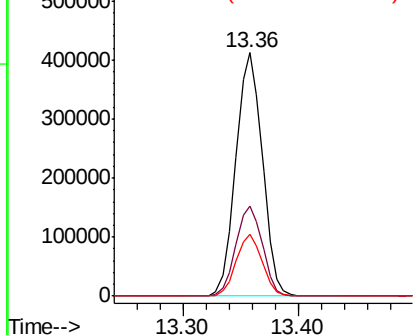


#45
 2-Fluorobiphenyl
 Concen: 67.653 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037582.D
 Acq: 26 Oct 2018 15:51

Tgt Ion:172 Resp: 656404
 Ion Ratio Lower Upper
 172 100
 171 36.9 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

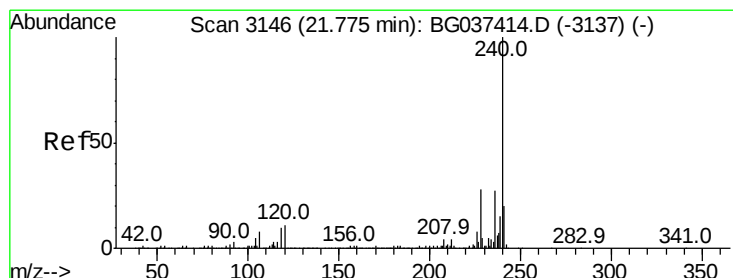
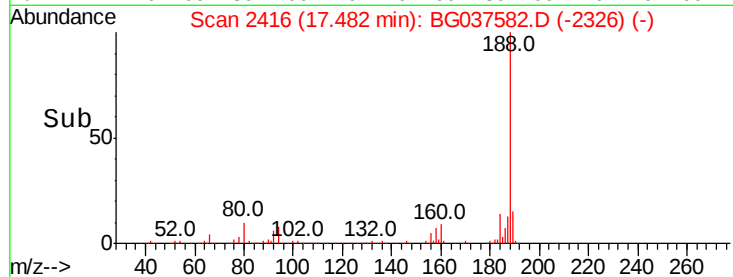
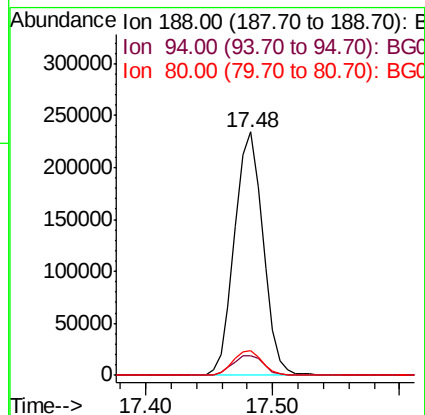
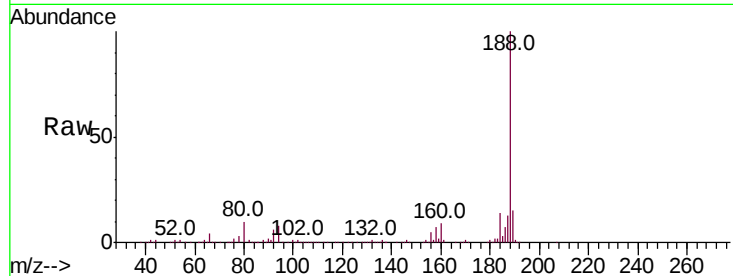




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037582.D
Acq: 26 Oct 2018 15:51

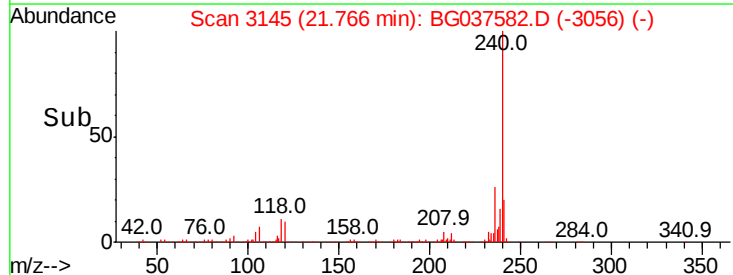
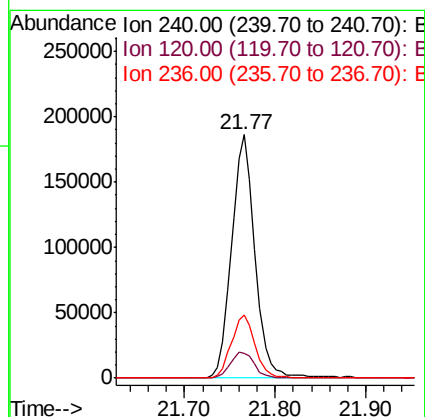
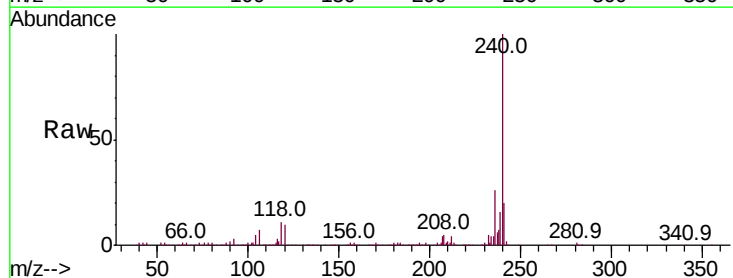
Instrument :
BNA_G
ClientSampleId :
PB114176BL

Tot Ion:188 Resp: 364651
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037582.D
Acq: 26 Oct 2018 15:51

Tgt Ion:240 Resp: 333682
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.7 21.4 32.0





#79

Terphenyl-d14

Concen: 68.181 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037582.D

Acq: 26 Oct 2018 15:51

Instrument :

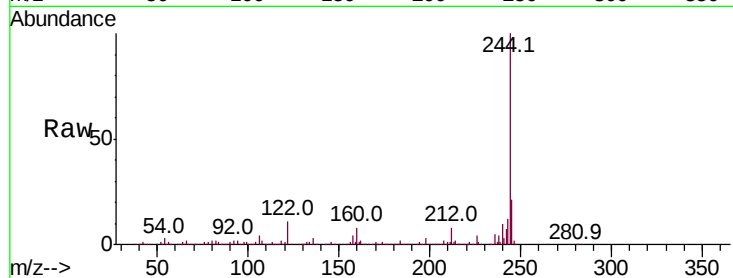
BNA_G

ClientSampleId :

PB114176BL

Tot Ion:244 Resp: 1064723

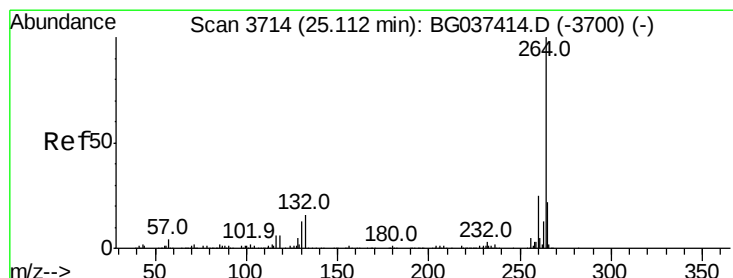
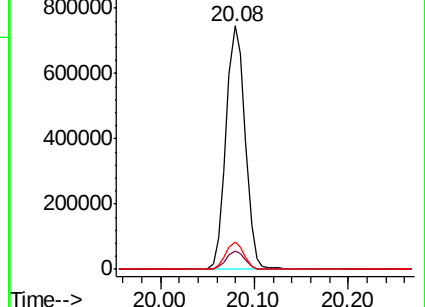
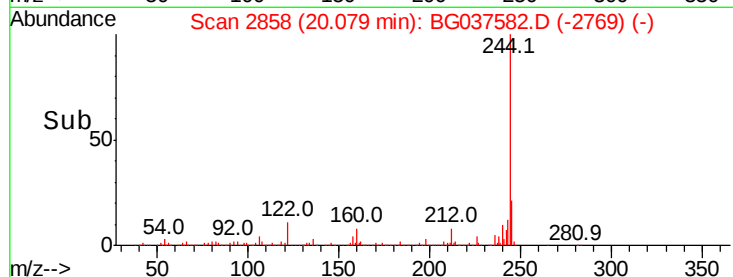
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.1	9.0	13.4



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# 3713

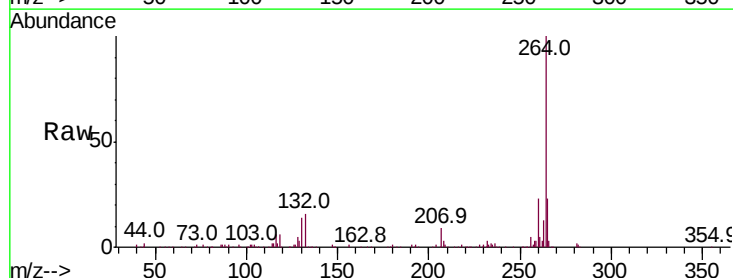
Delta R.T. -0.01 min

Lab File: BG037582.D

Acq: 26 Oct 2018 15:51

Tgt Ion:264 Resp: 315585

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.6	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

