

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037826.D
 Acq On : 6 Nov 2018 6:23
 Operator : JU/SJ
 Sample : PB114495TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114495TB

Quant Time: Nov 06 08:25:48 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	59299	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	263062	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	174918	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	386224	20.00	ng	0.00
76) Chrysene-d12	21.76	240	353169	20.00	ng	-0.01
87) Perylene-d12	25.09	264	287729	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	497628	140.30	ng	0.00
7) Phenol-d6	7.24	99	714076	133.14	ng	0.00
23) Nitrobenzene-d5	9.27	82	426870	90.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	223926	117.37	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1078470	92.97	ng	-0.01
79) Terphenyl-d14	20.08	244	1493815	90.38	ng	-0.01

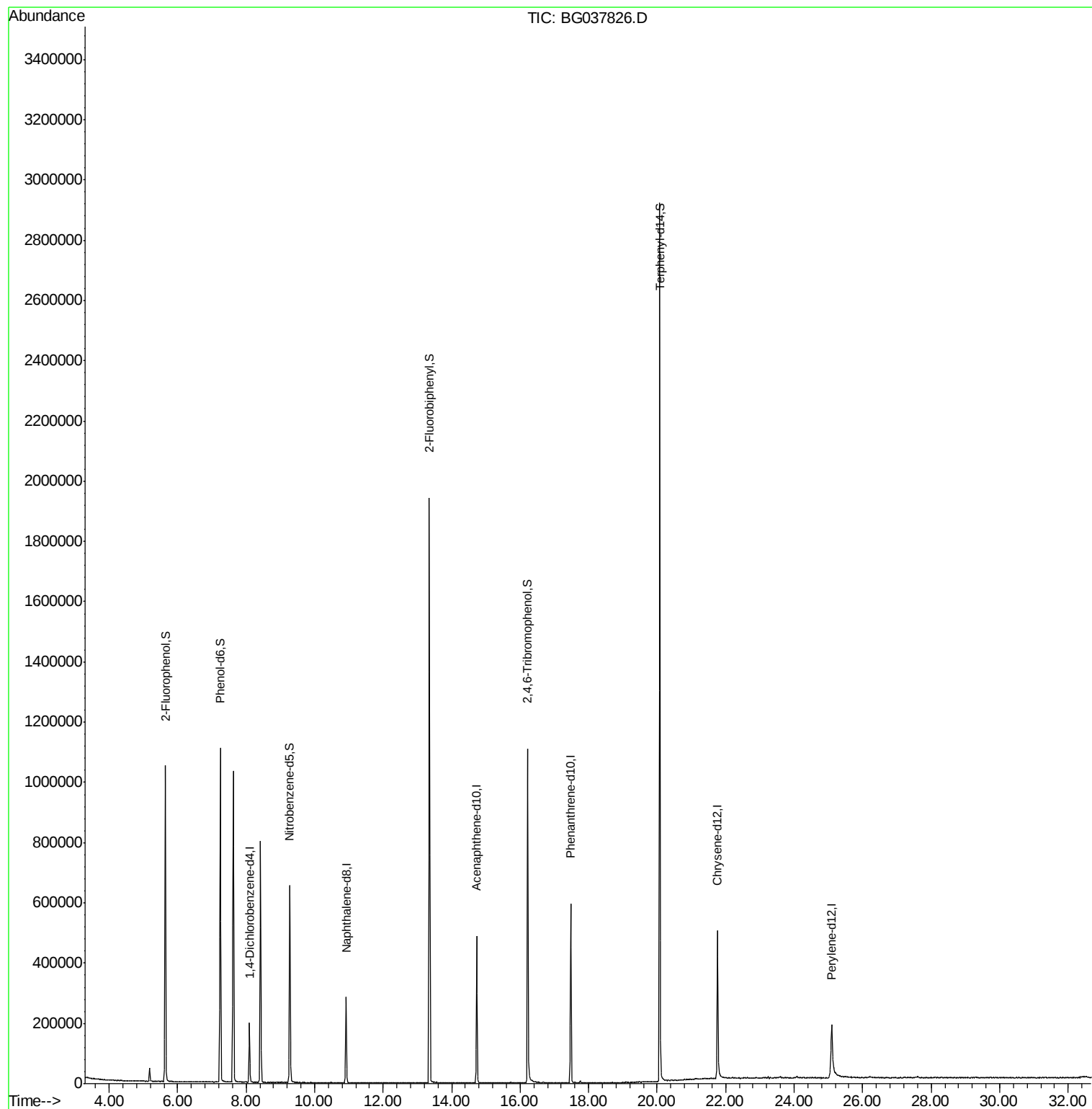
Target Compounds Qvalue

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

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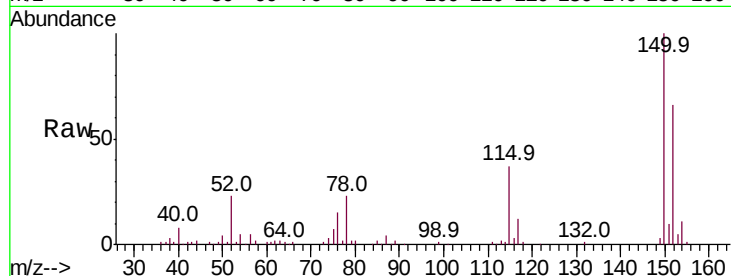


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037826.D
Acq: 6 Nov 2018 6:23

Instrument :
BNA_G
ClientSampleId :
PB114495TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.0	189.0
115	56.4	45.5	68.3

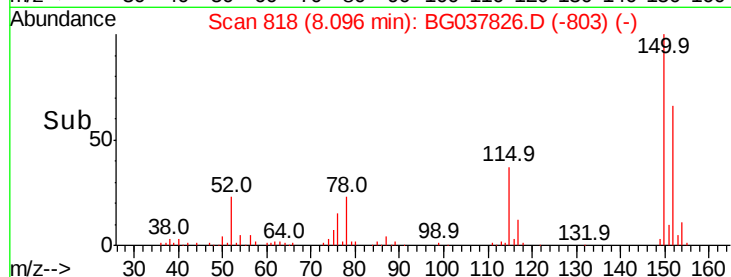
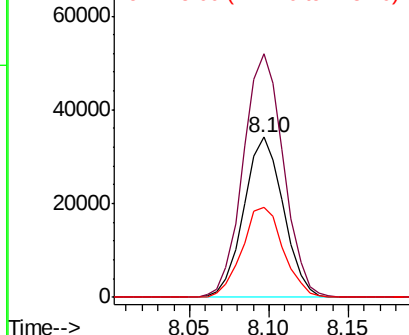


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

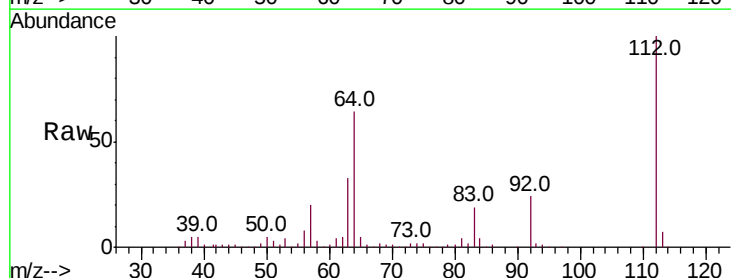
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.299 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037826.D
Acq: 6 Nov 2018 6:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	53.1	79.7
63	33.2	27.3	40.9

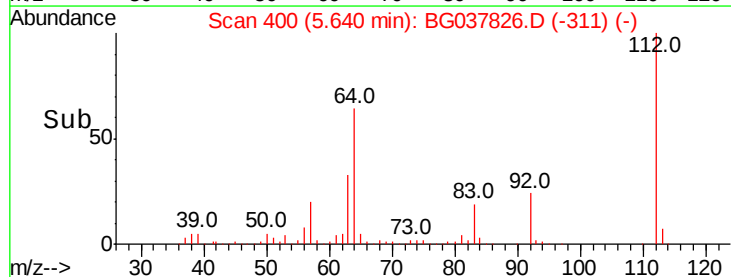
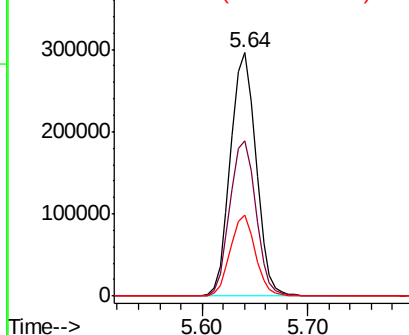


Abundance

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: 133.140 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037826.D

Acq: 6 Nov 2018 6:23

Instrument :

BNA_G

ClientSampleId :

PB114495TB

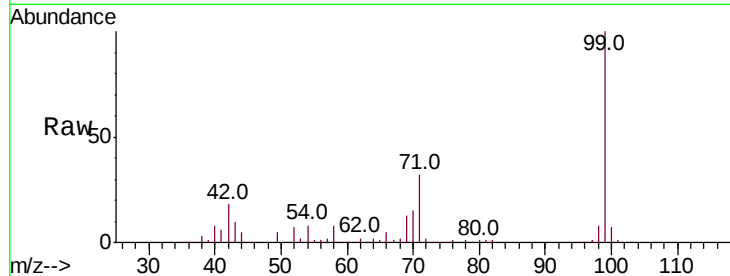
Tot Ion: 99 Resp: 714076

Ion Ratio Lower Upper

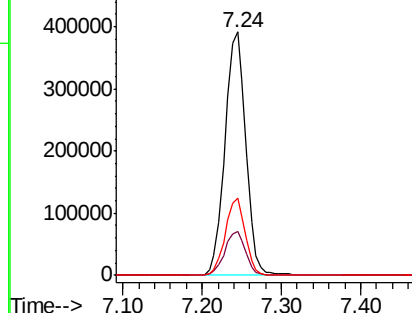
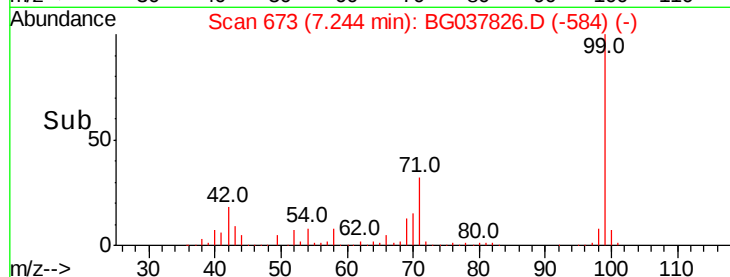
99 100

42 18.0 15.0 22.4

71 31.8 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: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037826.D

Acq: 6 Nov 2018 6:23

Tgt Ion: 136 Resp: 263062

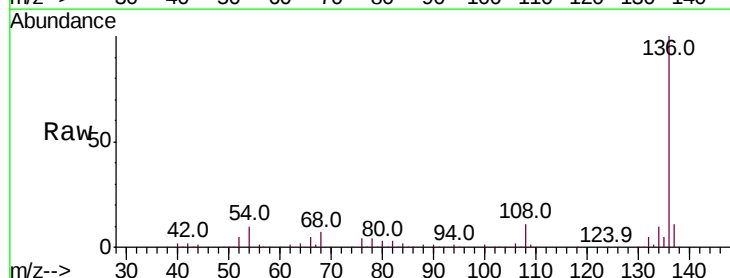
Ion Ratio Lower Upper

136 100

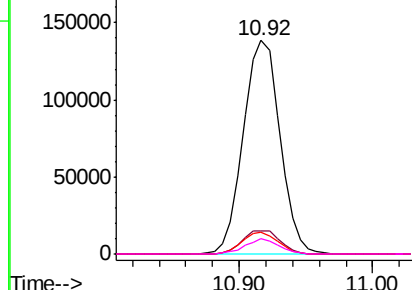
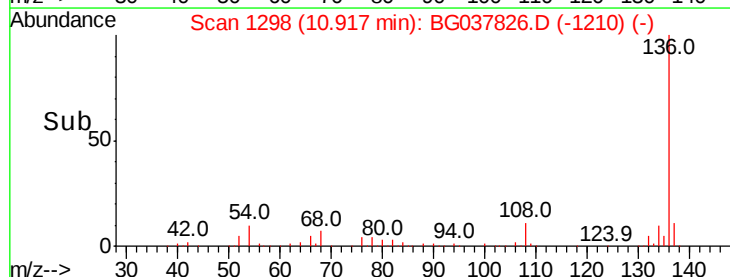
137 10.9 9.6 14.4

54 10.2 7.9 11.9

68 6.9 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

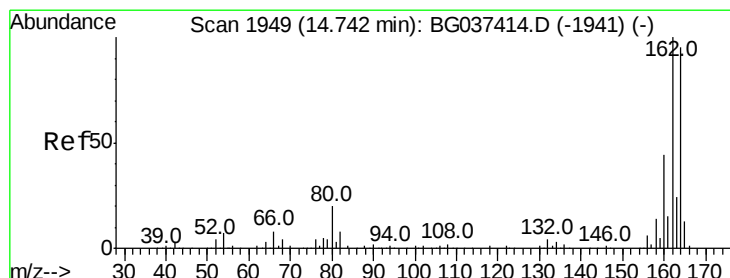
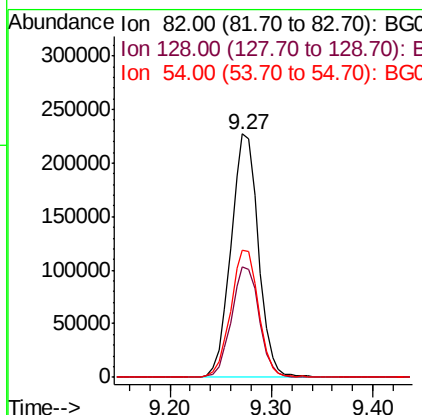
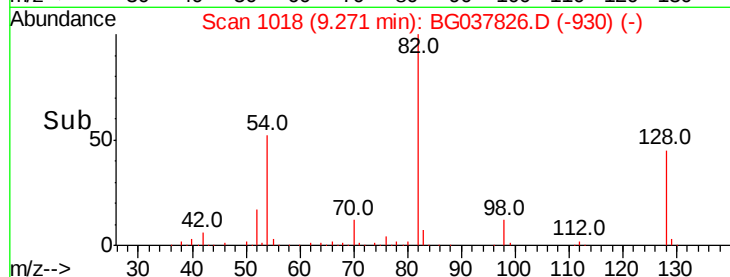
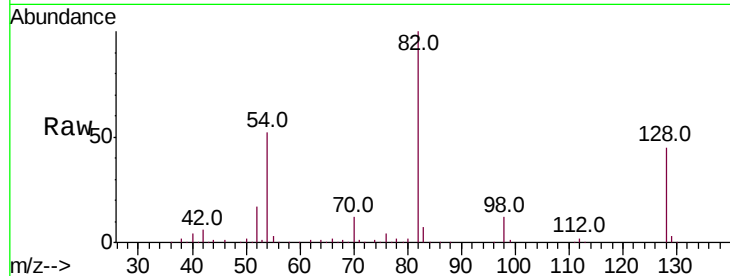




#23
Nitrobenzene-d5
Concen: 90.902 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037826.D
Acq: 6 Nov 2018 6:23

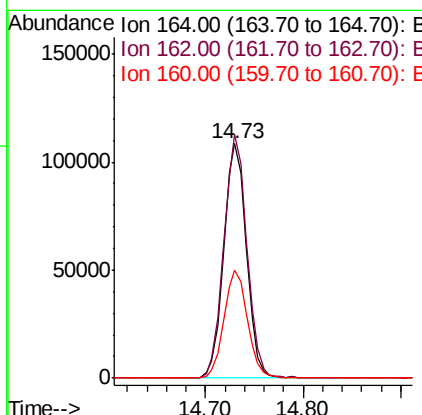
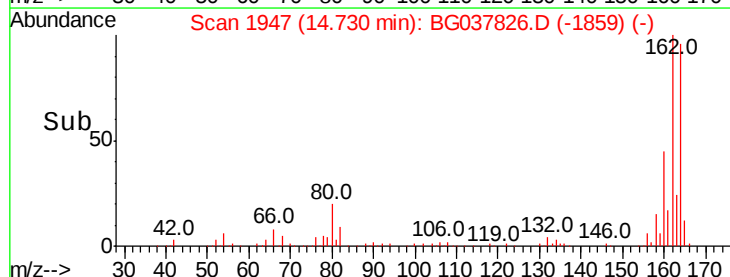
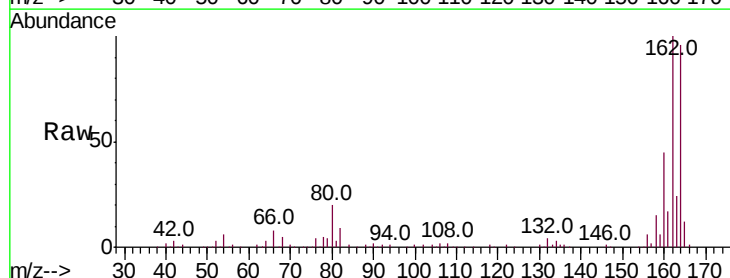
Instrument :
BNA_G
ClientSampleID :
PB114495TB

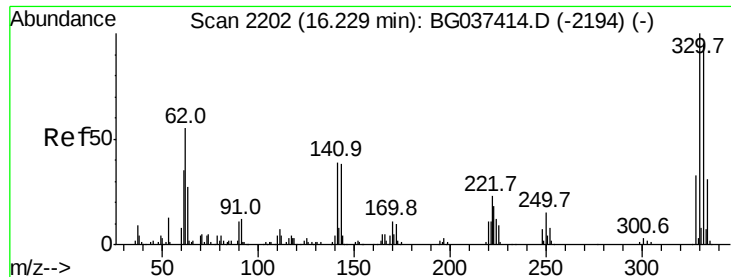
Tot Ion: 82 Resp: 426870
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 52.4 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037826.D
Acq: 6 Nov 2018 6:23

Tgt Ion: 164 Resp: 174918
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 46.2 36.3 54.5

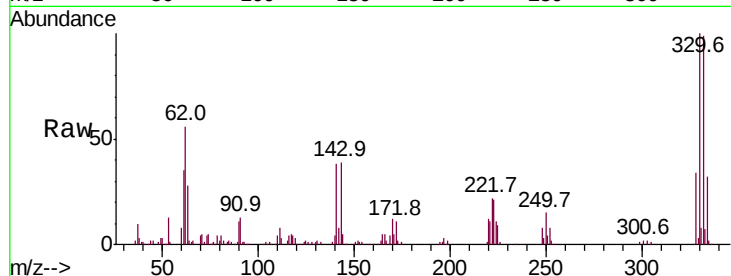




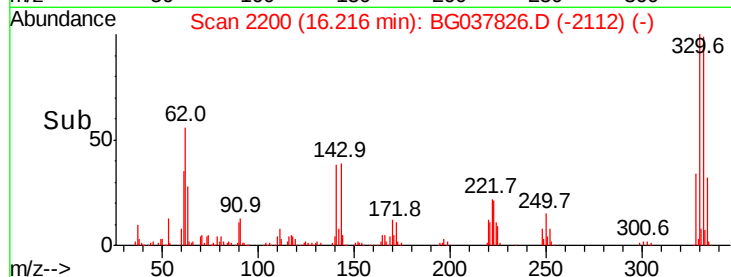
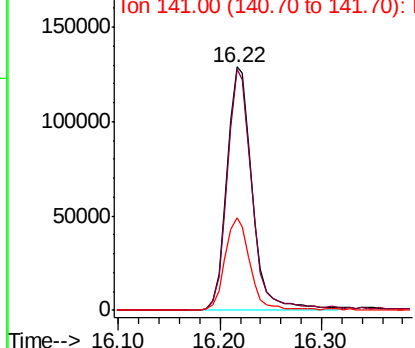
#42
 2,4,6-Tribromophenol
 Concen: 117.373 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037826.D
 Acq: 6 Nov 2018 6:23

Instrument :
 BNA_G
 ClientSampleId :
 PB114495TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.4	117.6
141	37.4	32.2	48.2

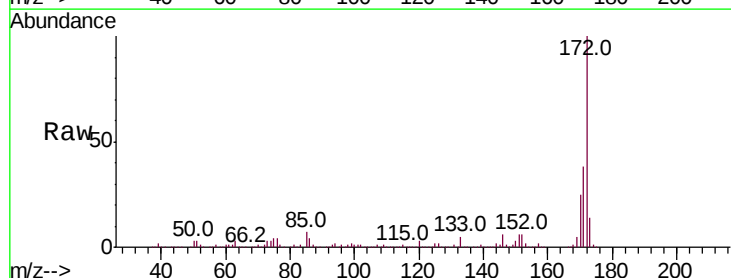


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

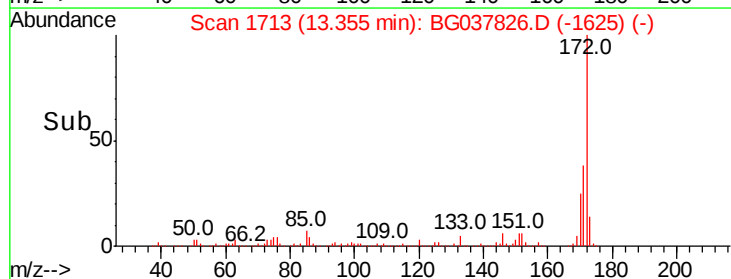
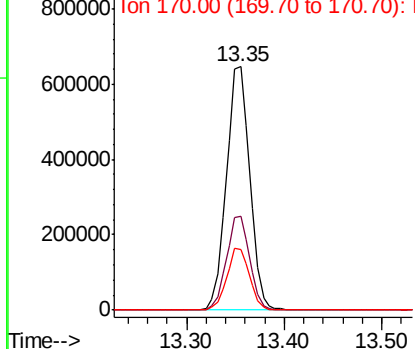


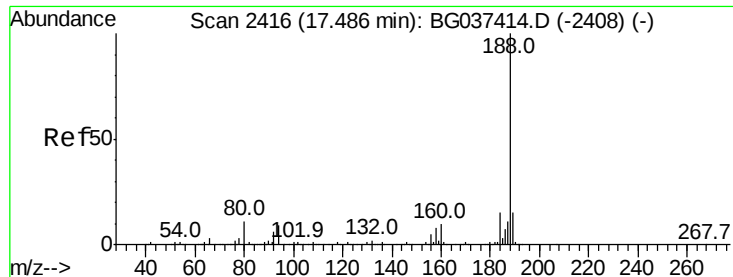
#45
 2-Fluorobiphenyl
 Concen: 92.973 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037826.D
 Acq: 6 Nov 2018 6:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.0	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: BG037826.D

Acq: 6 Nov 2018 6:23

Instrument :

BNA_G

ClientSampleId :

PB114495TB

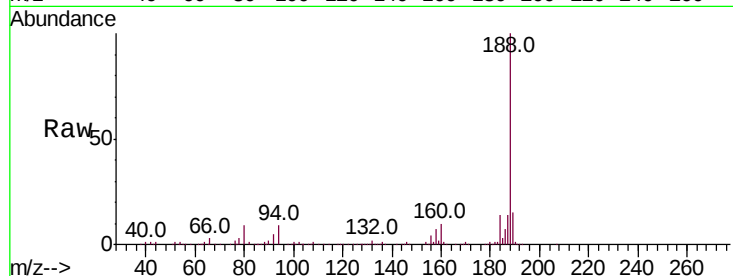
Tot Ion:188 Resp: 386224

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

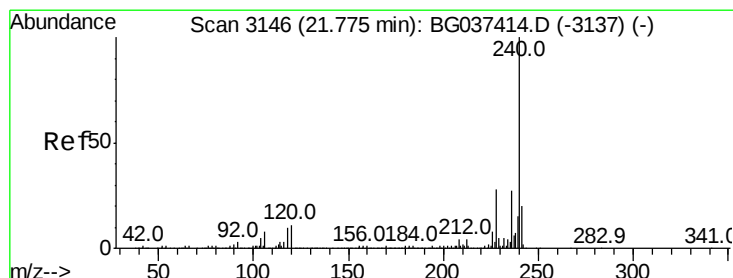
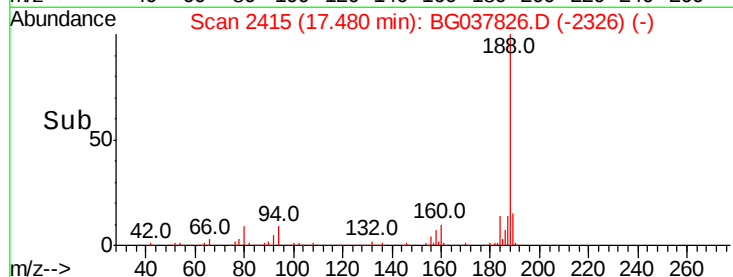
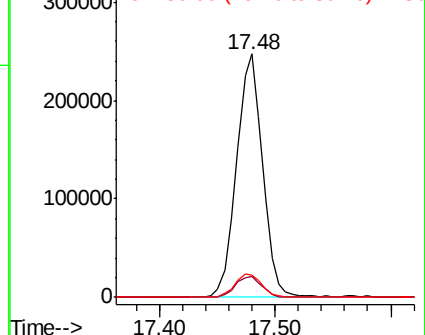
80 9.3 7.7 11.5



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# 3144

Delta R.T. -0.01 min

Lab File: BG037826.D

Acq: 6 Nov 2018 6:23

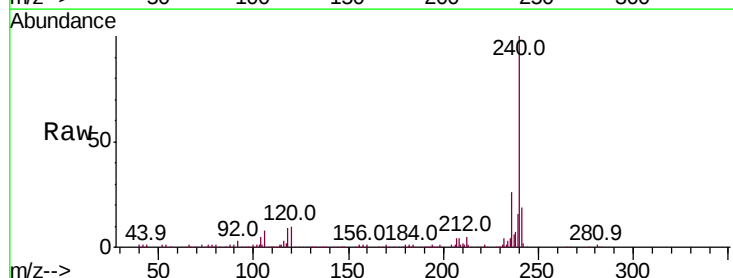
Tgt Ion:240 Resp: 353169

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

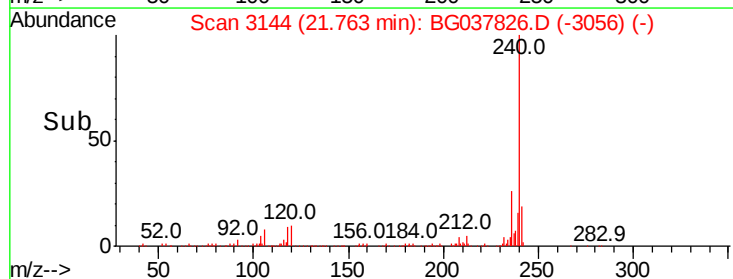
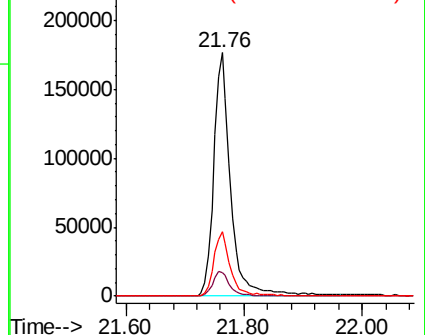
236 26.2 21.4 32.0



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: 90.380 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037826.D

Acq: 6 Nov 2018 6:23

Instrument :

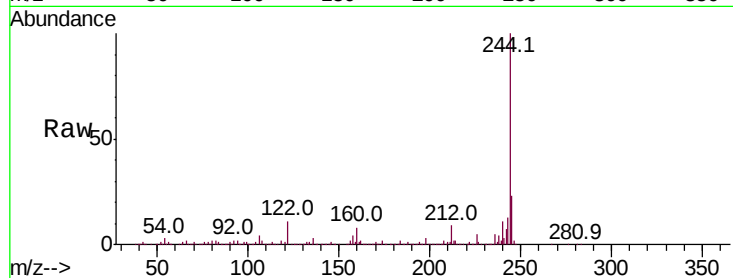
BNA_G

ClientSampleId :

PB114495TB

Tot Ion:244 Resp: 1493815

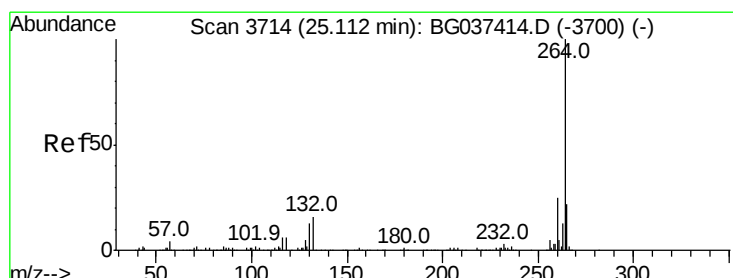
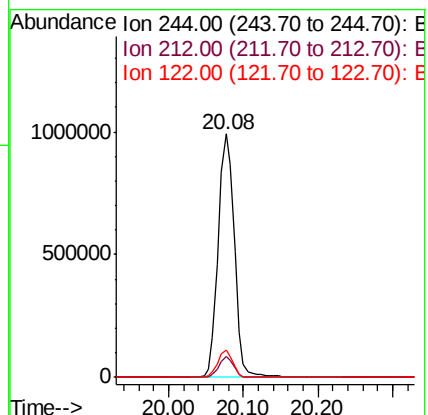
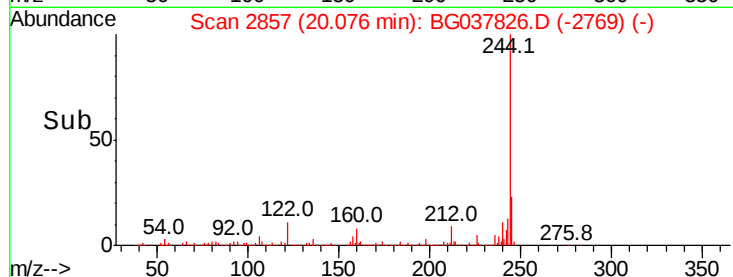
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.4	9.0	13.4



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# 3711

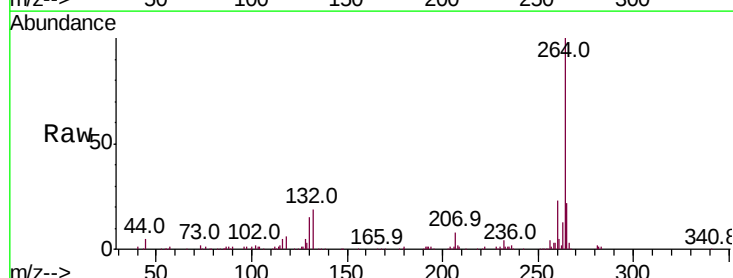
Delta R.T. -0.02 min

Lab File: BG037826.D

Acq: 6 Nov 2018 6:23

Tgt Ion:264 Resp: 287729

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.2	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

