

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038446.D
 Acq On : 10 Dec 2018 19:38
 Operator : JU/SJ
 Sample : J6306-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB-16204

Quant Time: Dec 11 04:04:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

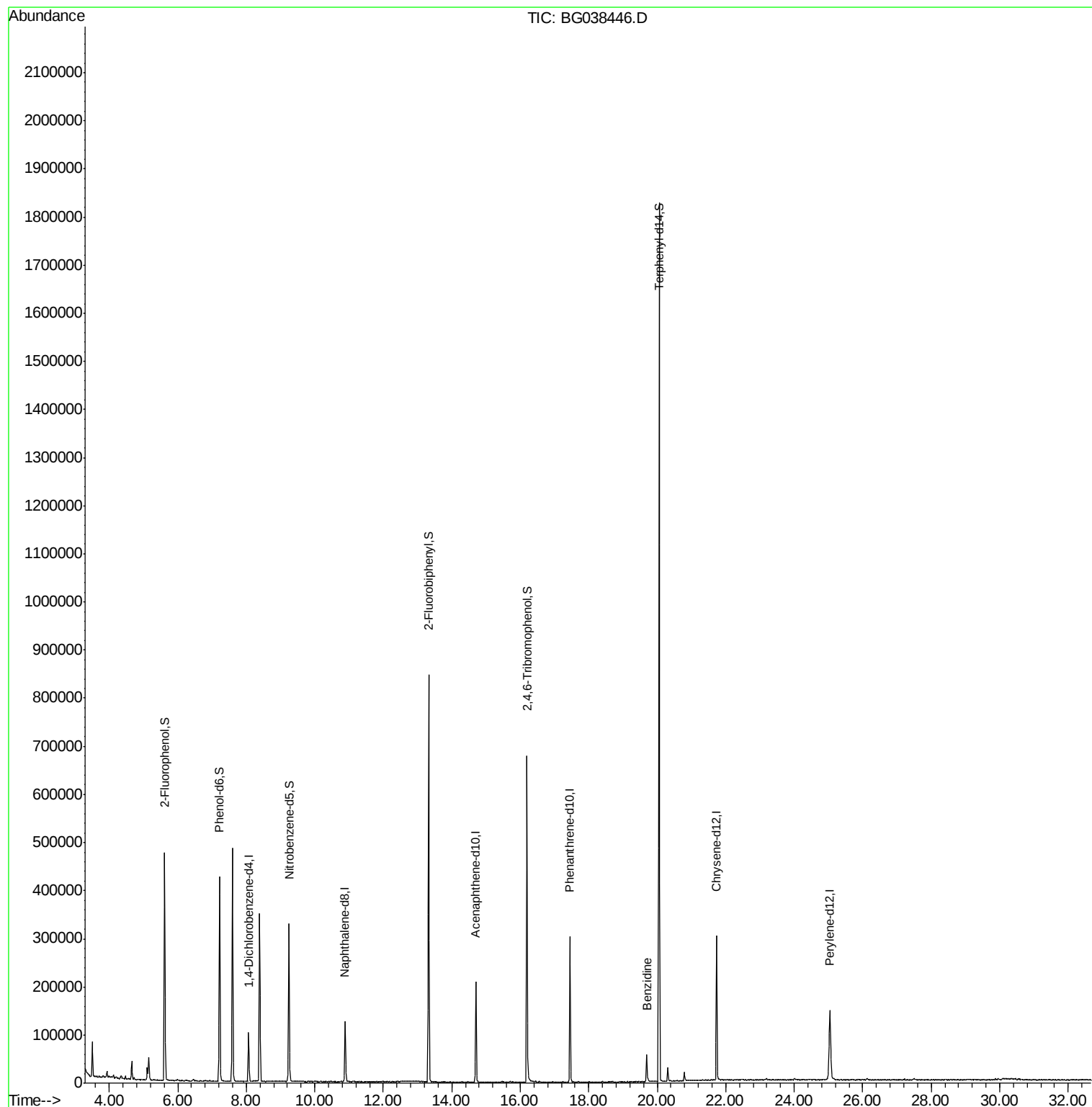
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27990	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	117545	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	76606	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	194406	20.00	ng	0.00
76) Chrysene-d12	21.73	240	193960	20.00	ng	-0.01
87) Perylene-d12	25.04	264	193065	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203105	128.41	ng	0.00
7) Phenol-d6	7.22	99	241189	105.50	ng	0.00
23) Nitrobenzene-d5	9.25	82	198159	83.70	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	136344	144.98	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	459467	85.46	ng	0.00
79) Terphenyl-d14	20.06	244	896944	99.07	ng	0.00
Target Compounds						
77) Benzidine	19.69	184	48551	7.418	ng	Qvalue 99

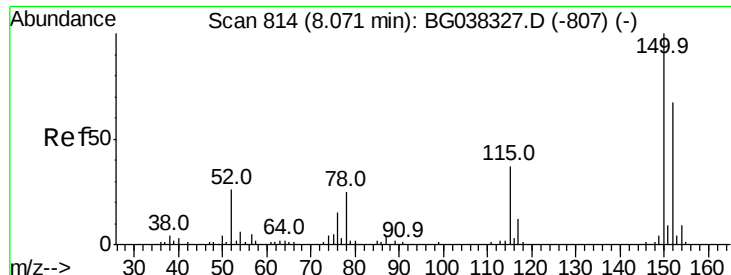
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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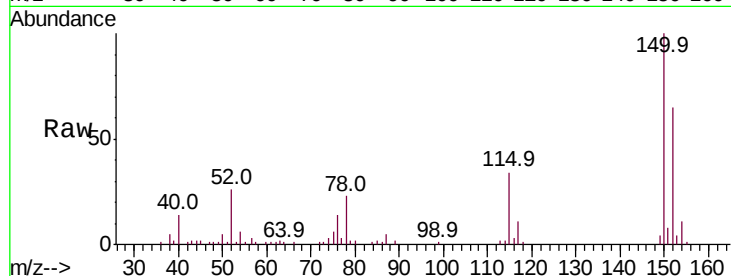


#1

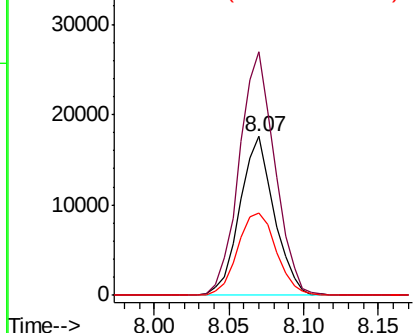
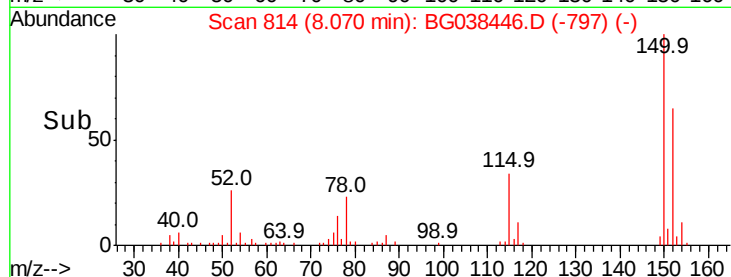
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

Instrument :
BNA_G
ClientSampleId :
VB-16204

Tot Ion:152 Resp: 27990
Ion Ratio Lower Upper
152 100
150 153.2 126.0 189.0
115 51.7 45.5 68.3



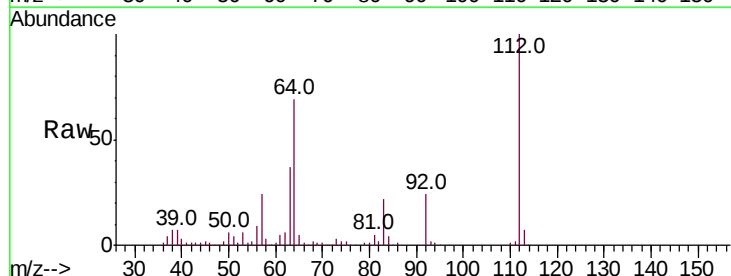
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



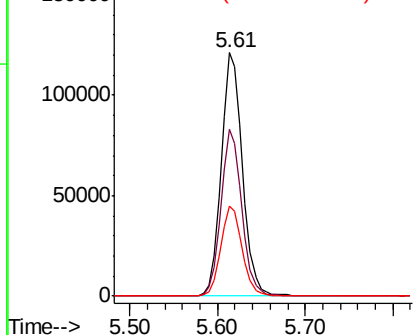
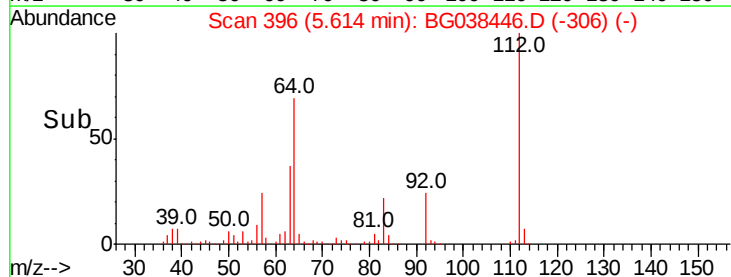
#5

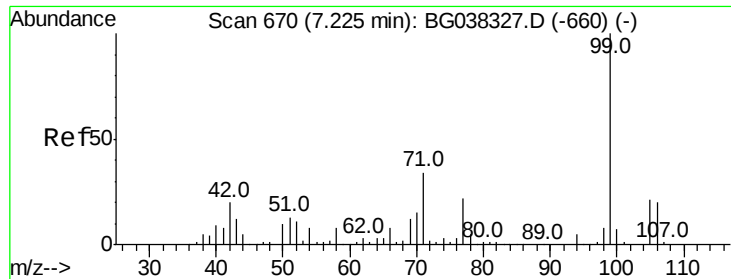
2-Fluorophenol
Concen: 128.411 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

Tgt Ion:112 Resp: 203105
Ion Ratio Lower Upper
112 100
64 68.6 53.1 79.7
63 37.2 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: 105.505 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

Instrument :

BNA_G

ClientSampleId :

VB-16204

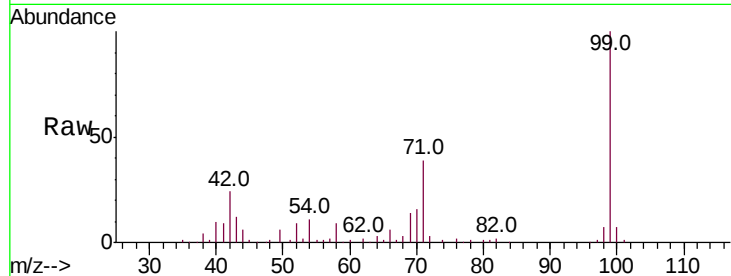
Tot Ion: 99 Resp: 241189

Ion Ratio Lower Upper

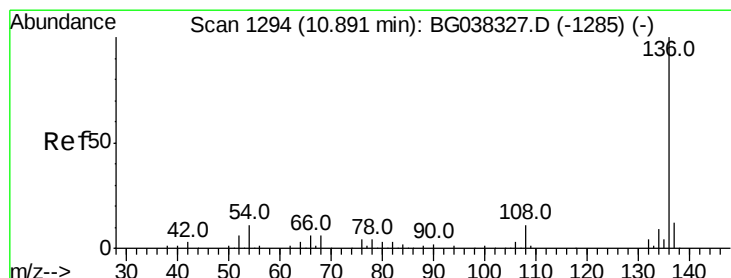
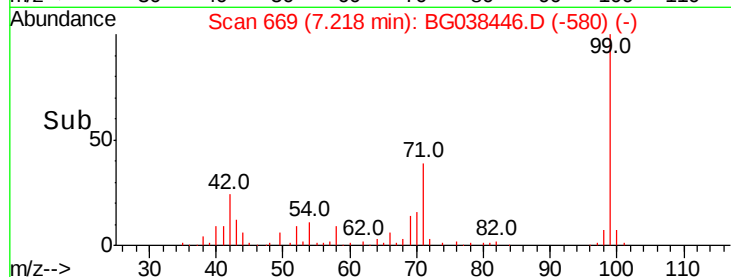
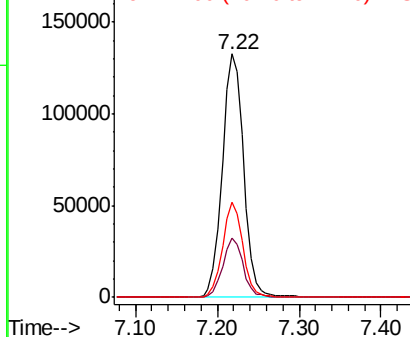
99 100

42 24.4 15.0 22.4#

71 39.0 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

Tgt Ion: 136 Resp: 117545

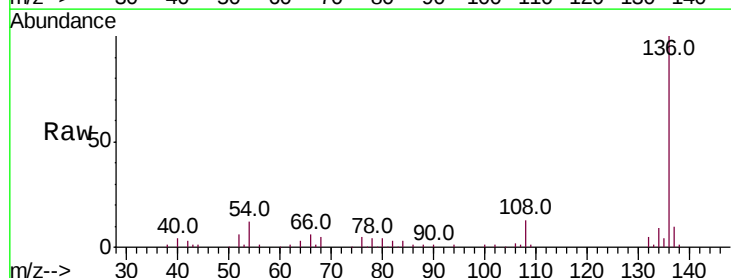
Ion Ratio Lower Upper

136 100

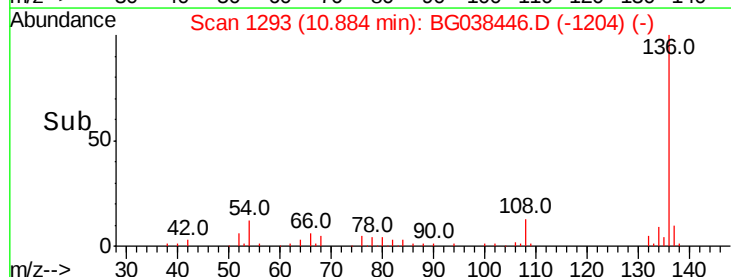
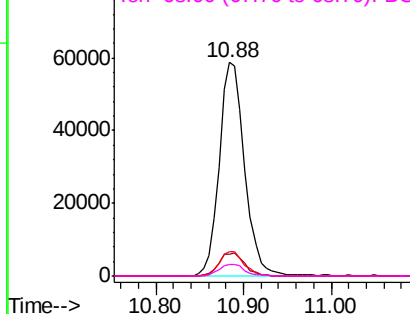
137 10.5 9.6 14.4

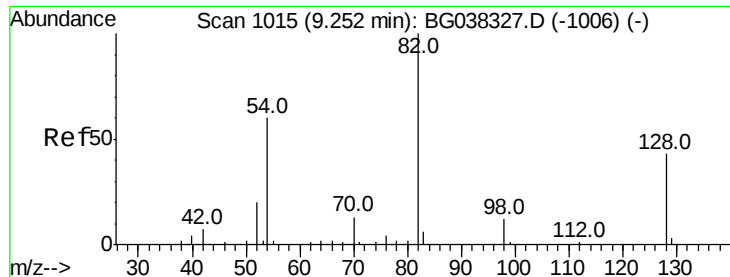
54 11.6 7.9 11.9

68 5.4 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

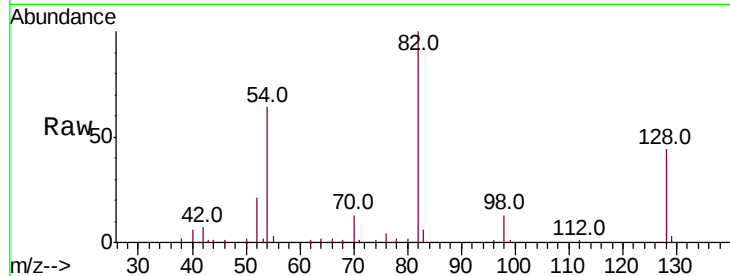




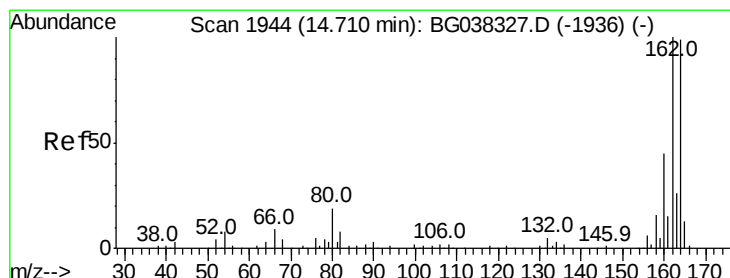
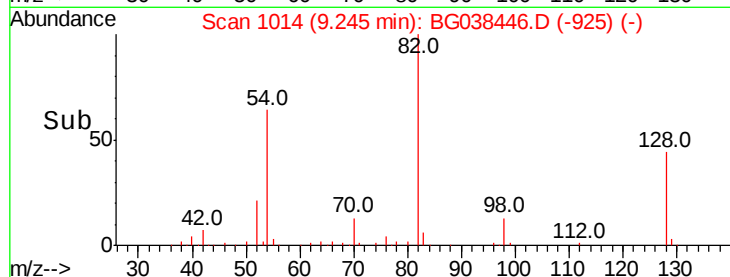
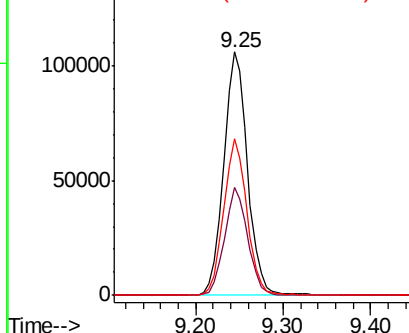
#23
Nitrobenzene-d5
Concen: 83.697 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

Instrument :
BNA_G
ClientSampleId :
VB-16204

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	64.1	45.3	67.9

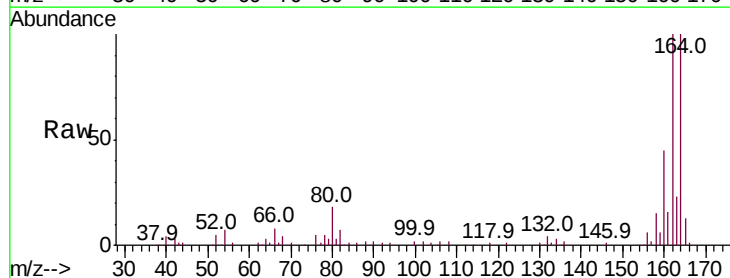


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

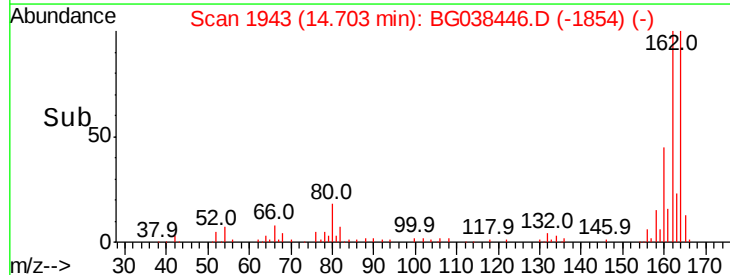
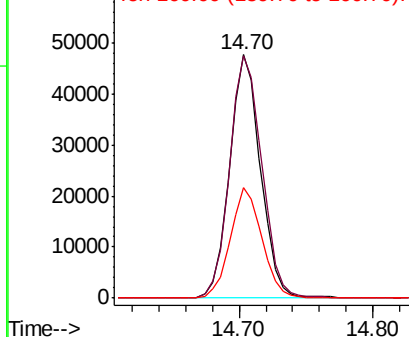


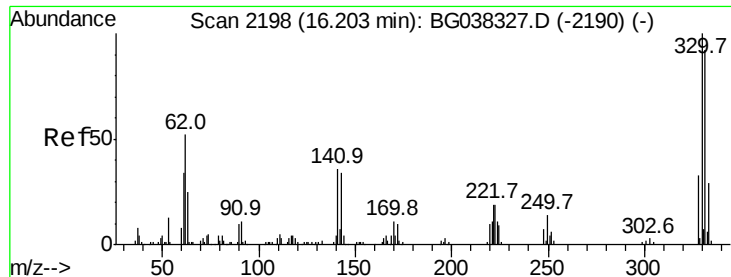
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.3	121.9
160	45.1	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

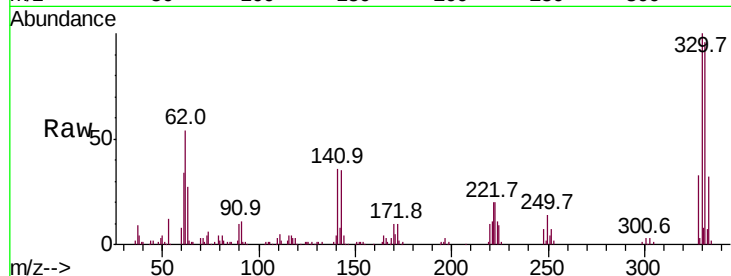




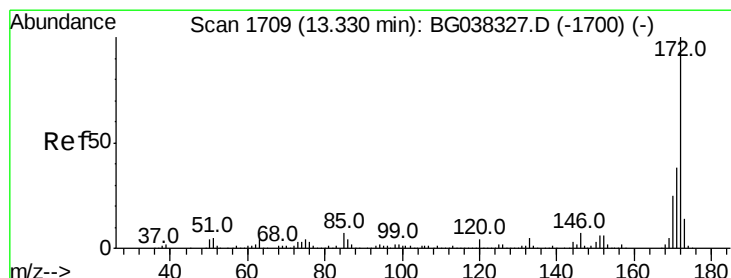
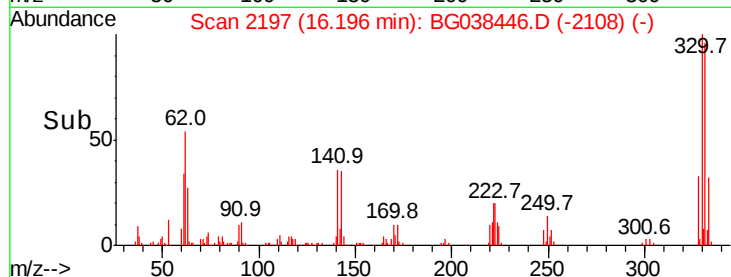
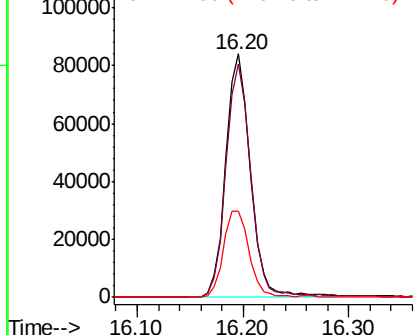
#42
 2,4,6-Tribromophenol
 Concen: 144.980 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 VB-16204

Tot Ion:330 Resp: 136344
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.4 117.6
 141 37.2 32.2 48.2

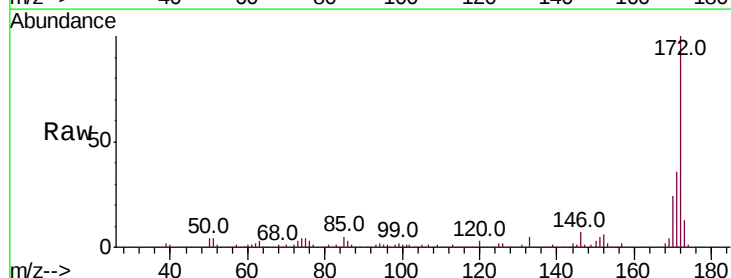


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

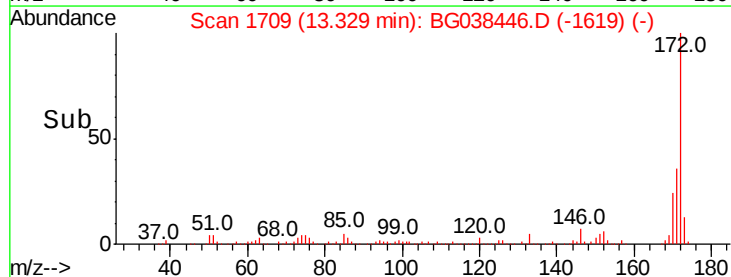
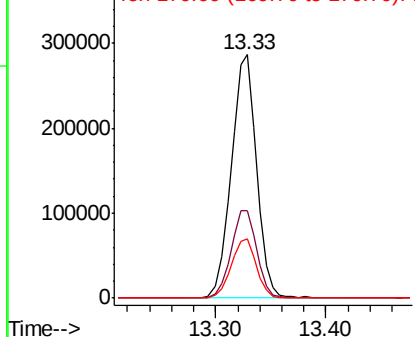


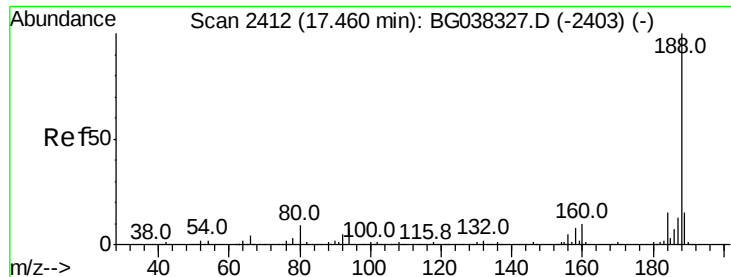
#45
 2-Fluorobiphenyl
 Concen: 85.463 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Tgt Ion:172 Resp: 459467
 Ion Ratio Lower Upper
 172 100
 171 35.9 31.0 46.4
 170 24.5 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

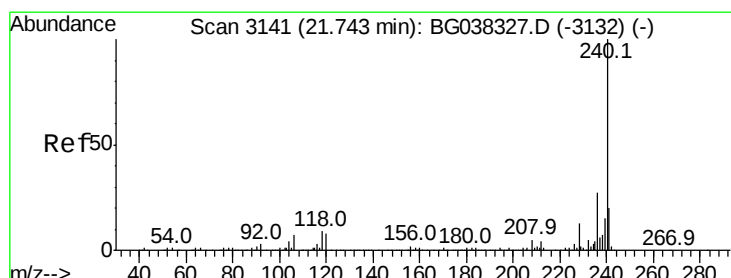
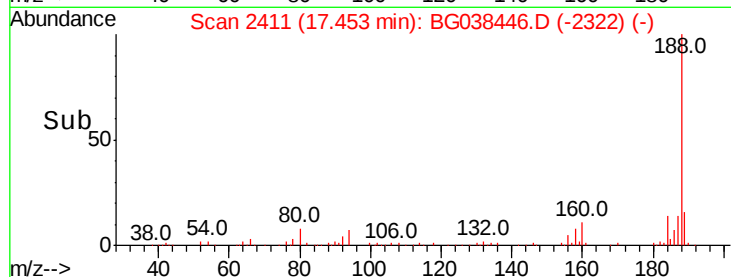
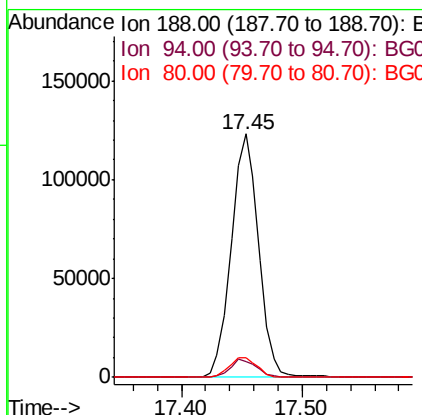
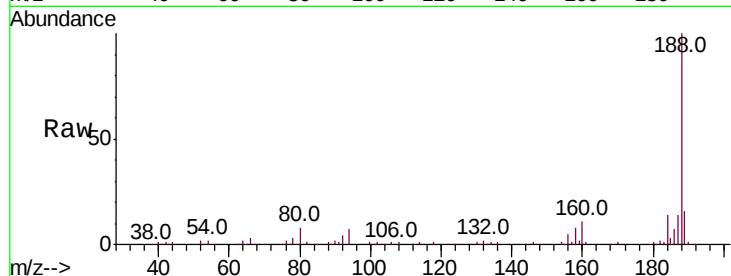




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

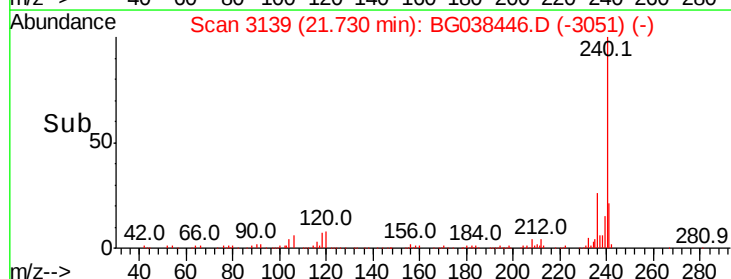
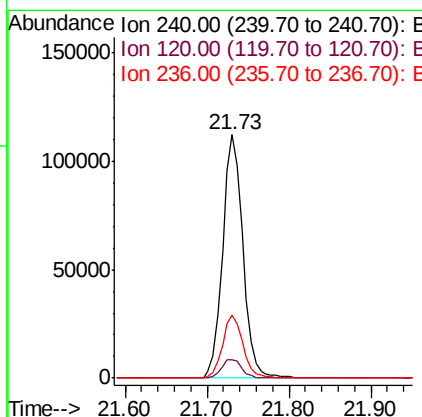
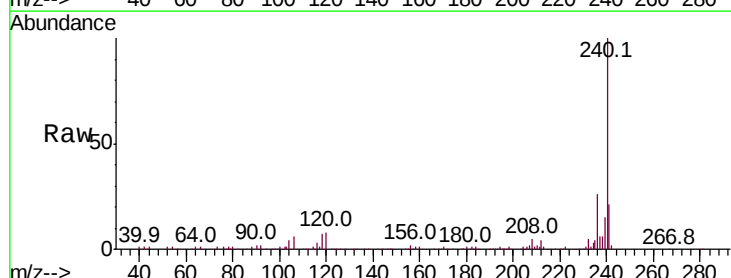
Instrument :
 BNA_G
 ClientSampleId :
 VB-16204

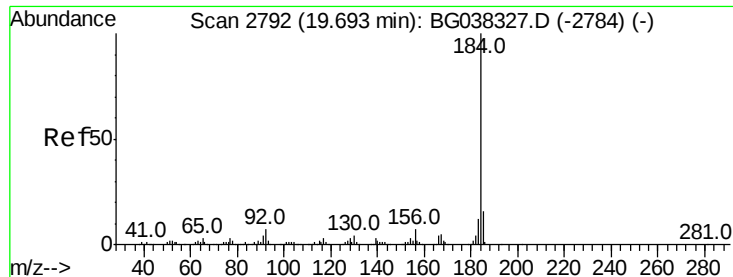
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	7.2	10.8#
80	8.0	7.7	11.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.1	12.1#
236	25.8	21.4	32.0





#77

Benzidine

Concen: 7.418 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

Instrument :

BNA_G

ClientSampleId :

VB-16204

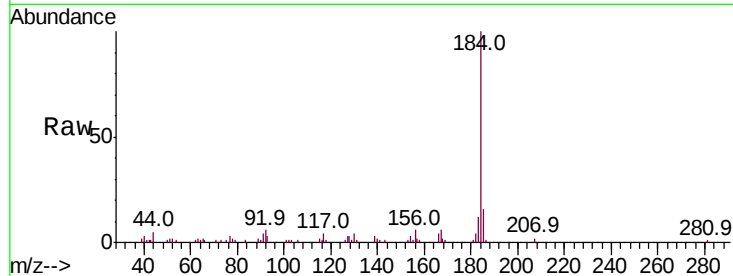
Tot Ion:184 Resp: 48551

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

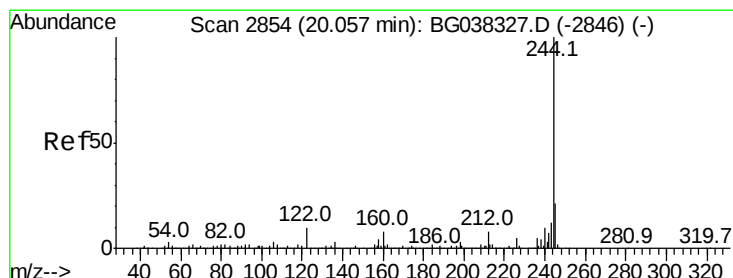
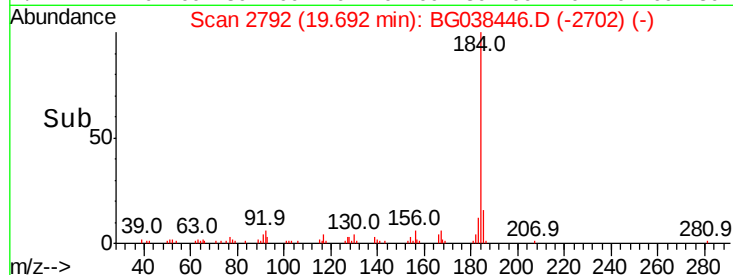
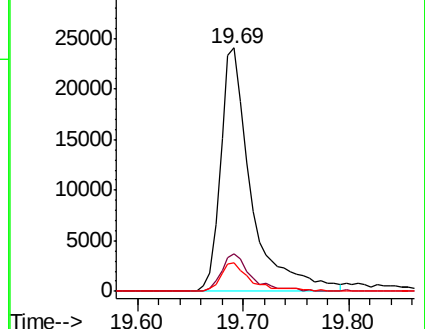
183 11.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 99.066 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

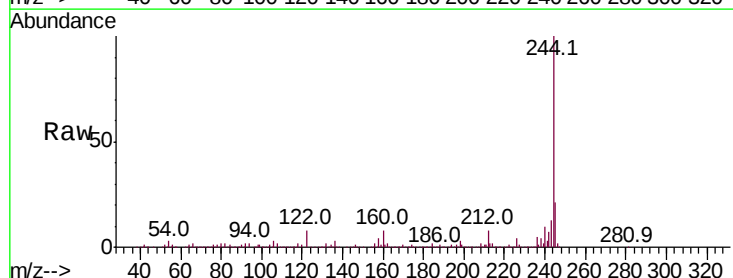
Tgt Ion:244 Resp: 896944

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

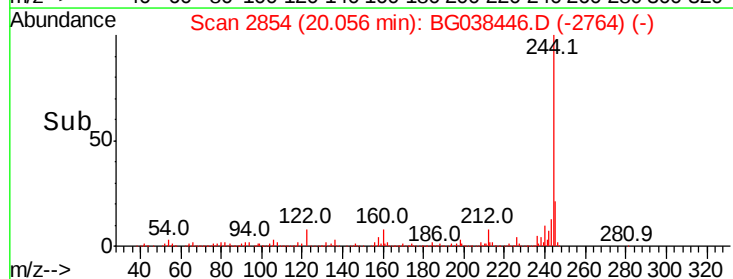
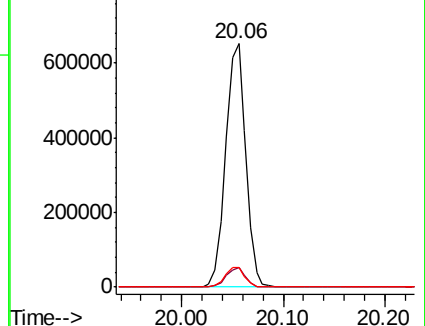
122 8.0 9.0 13.4#

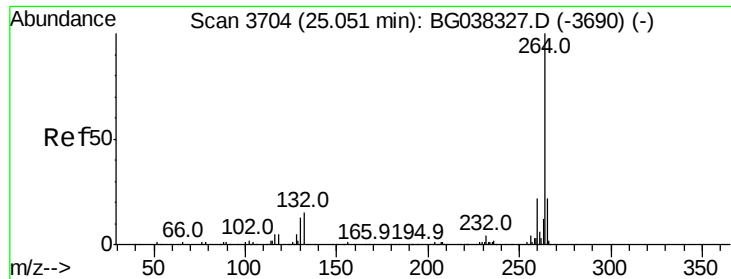


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 VB-16204

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.5	17.9	26.9

