

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038094.D
 Acq On : 20 Nov 2018 20:46
 Operator : JU/SJ
 Sample : J6010-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-RT3786

Quant Time: Nov 21 04:02:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	41250	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	173249	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108615	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	242791	20.00	ng	0.00
76) Chrysene-d12	21.75	240	232736	20.00	ng	0.00
87) Perylene-d12	25.07	264	239974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	271394	113.60	ng	0.00
7) Phenol-d6	7.24	99	347434	101.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	270850	83.69	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	140431	113.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	580458	77.86	ng	0.00
79) Terphenyl-d14	20.07	244	905536	91.55	ng	0.00

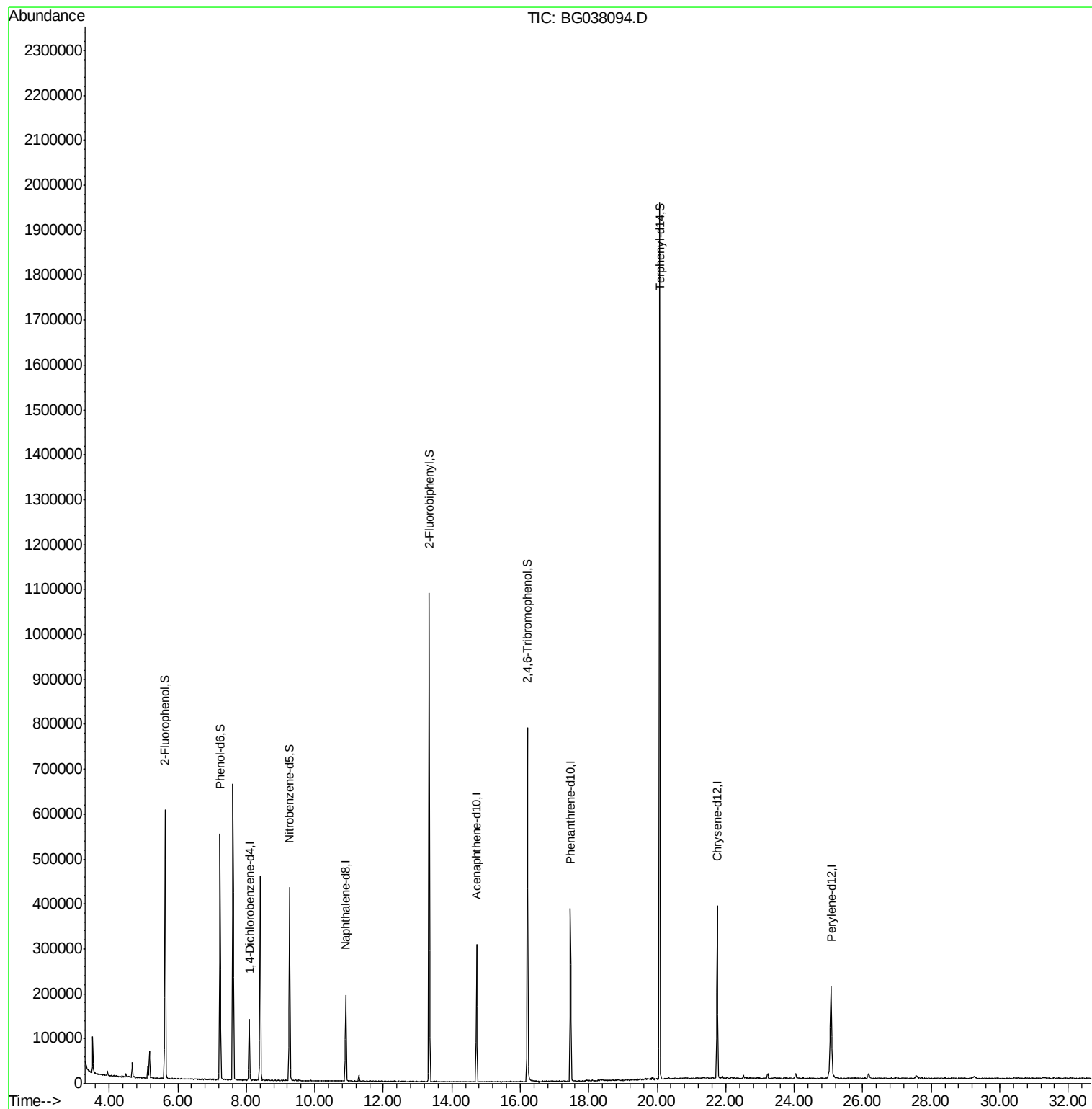
Target Compounds Qvalue

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

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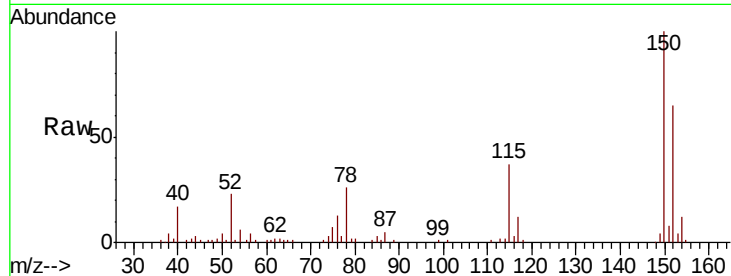


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038094.D
 Acq: 20 Nov 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :
 FS-RT3786

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.0	189.0
115	55.8	45.5	68.3

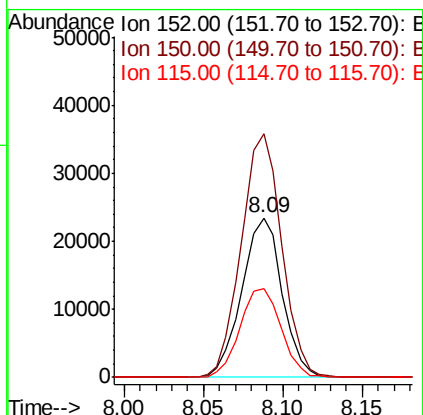
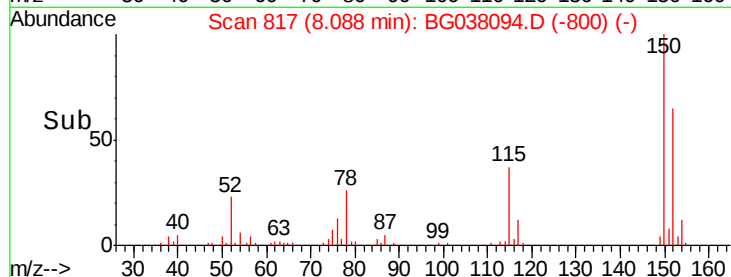


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

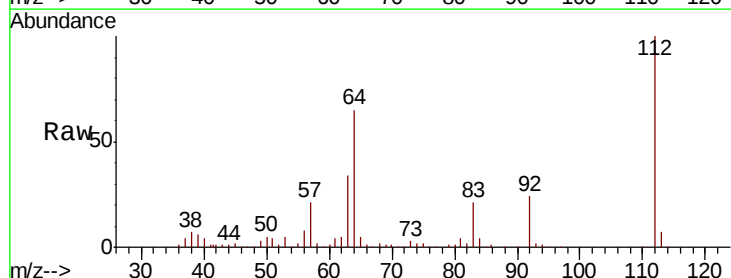
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 113.595 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038094.D
 Acq: 20 Nov 2018 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.1	79.7
63	34.2	27.3	40.9

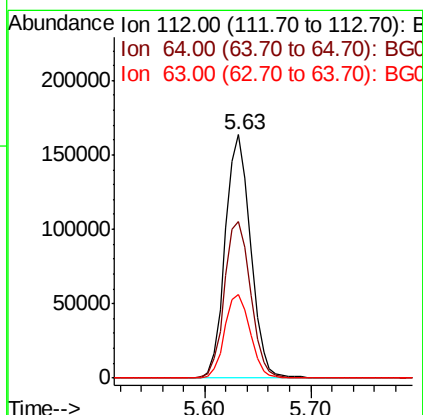
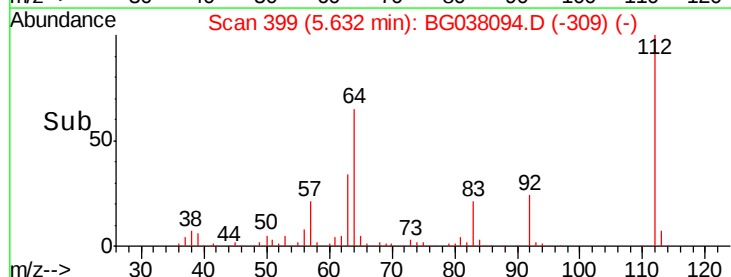


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.876 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038094.D

Acq: 20 Nov 2018 20:46

Instrument :

BNA_G

ClientSampleId :

FS-RT3786

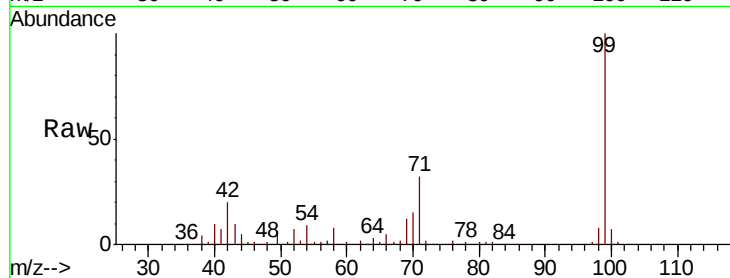
Tot Ion: 99 Resp: 347434

Ion Ratio Lower Upper

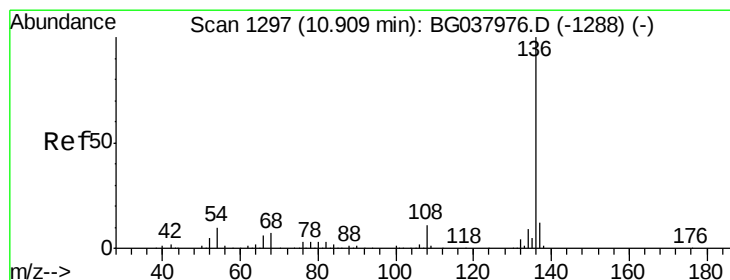
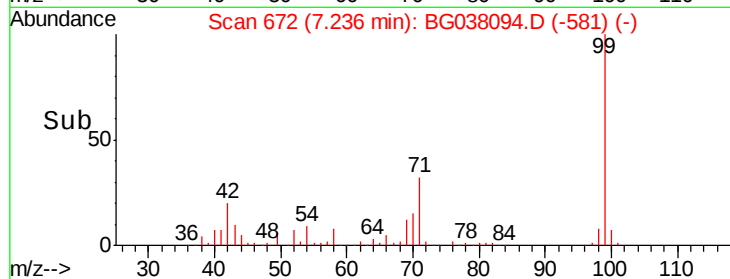
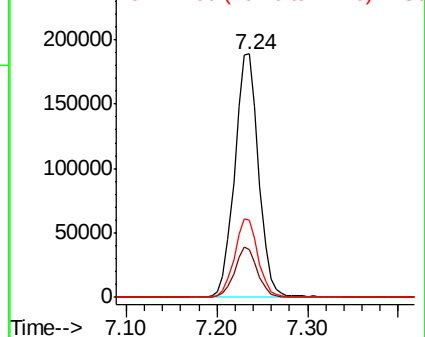
99 100

42 19.7 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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038094.D

Acq: 20 Nov 2018 20:46

Tgt Ion: 136 Resp: 173249

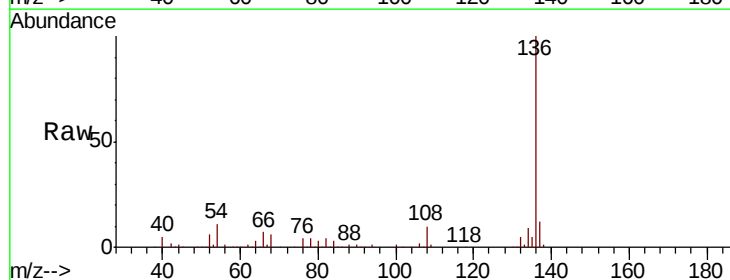
Ion Ratio Lower Upper

136 100

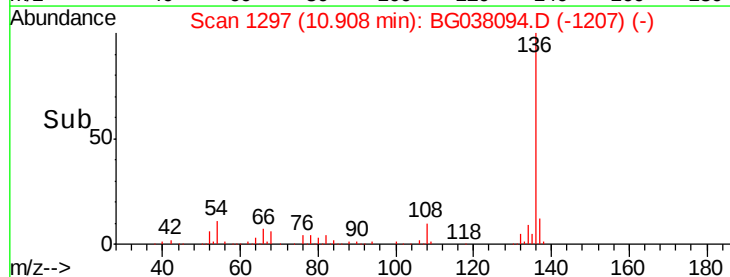
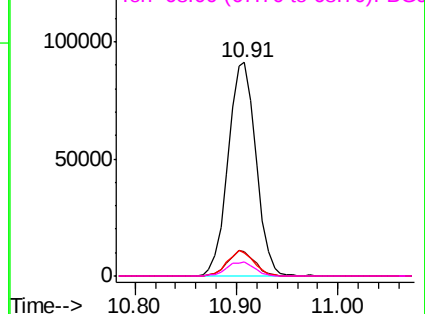
137 11.7 9.6 14.4

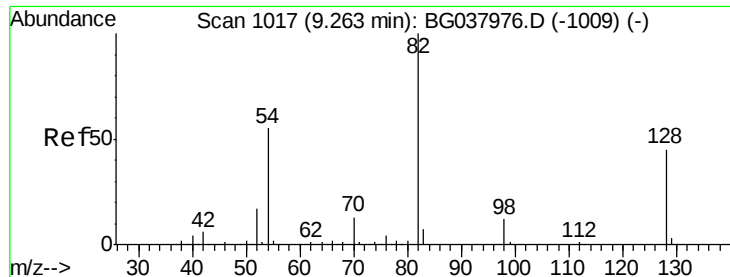
54 10.6 7.9 11.9

68 6.3 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

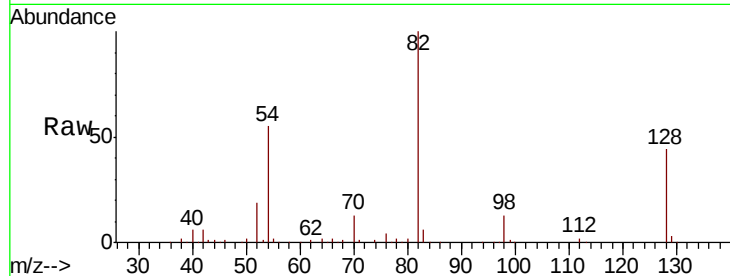




#23
 Nitrobenzene-d5
 Concen: 83.687 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038094.D
 Acq: 20 Nov 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :
 FS-RT3786

Tot Ion	82.00	Resp	270850
Ion Ratio	100	Lower	Upper
128	44.4	34.6	51.8
54	55.3	45.3	67.9

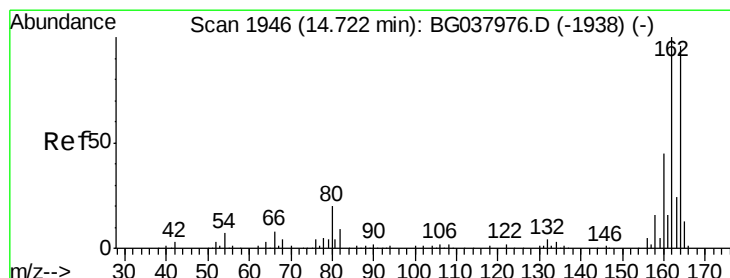
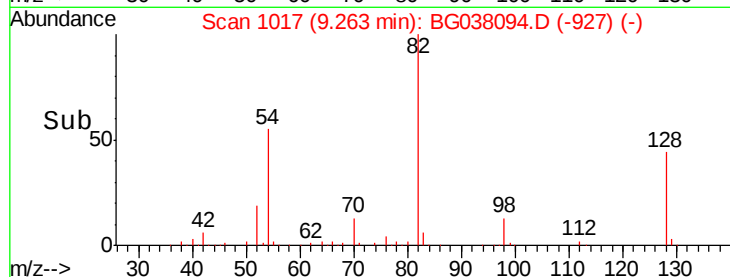
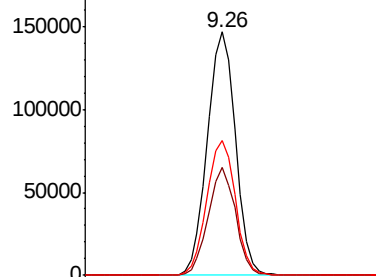


Abundance

Ion 82.00 (81.70 to 82.70): BGC

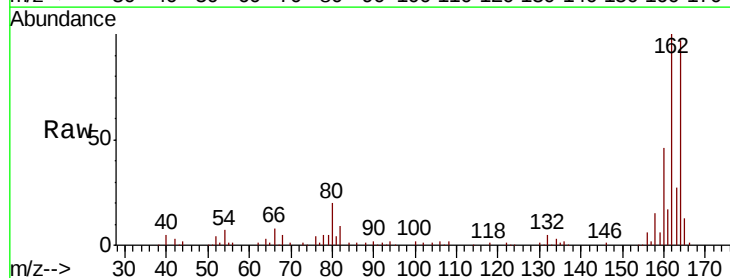
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038094.D
 Acq: 20 Nov 2018 20:46

Tgt Ion	164.00	Resp	108615
Ion Ratio	100	Lower	Upper
162	102.6	81.3	121.9
160	46.9	36.3	54.5

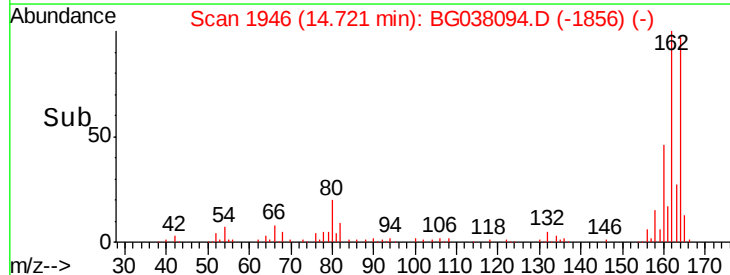
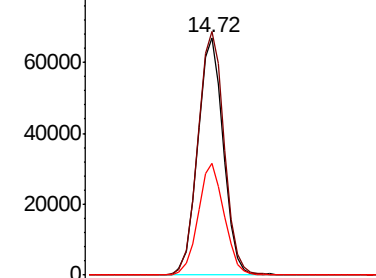


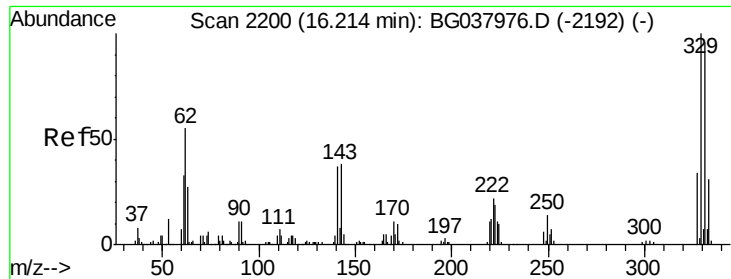
Abundance

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

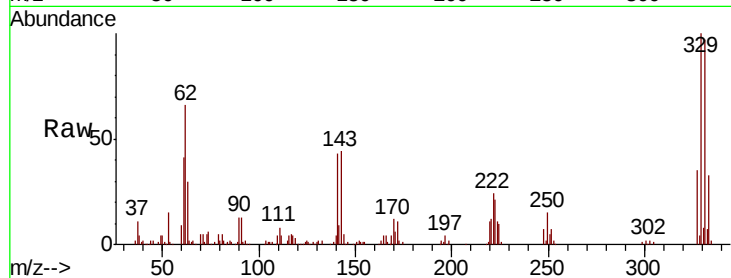




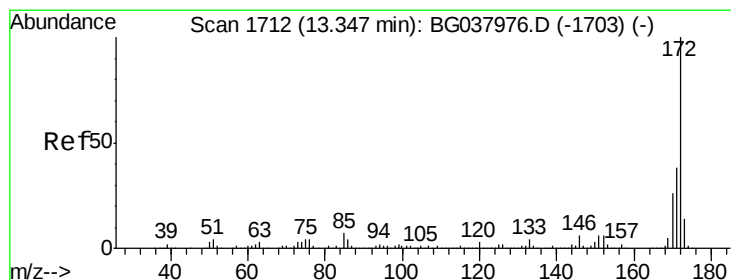
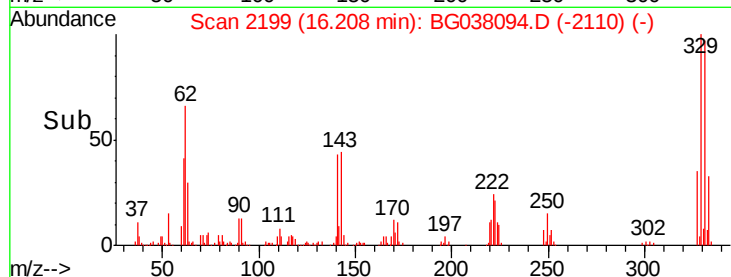
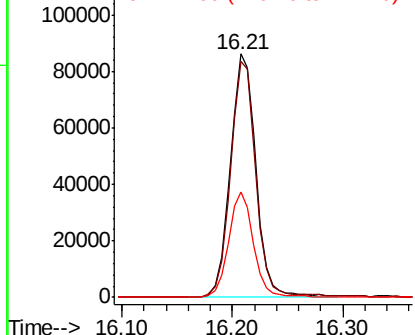
#42
 2,4,6-Tribromophenol
 Concen: 113.367 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038094.D
 Acq: 20 Nov 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :
 FS-RT3786

Tot Ion:330 Resp: 140431
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.4 117.6
 141 42.0 32.2 48.2

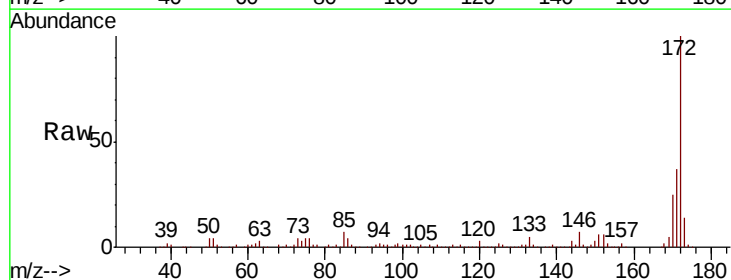


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

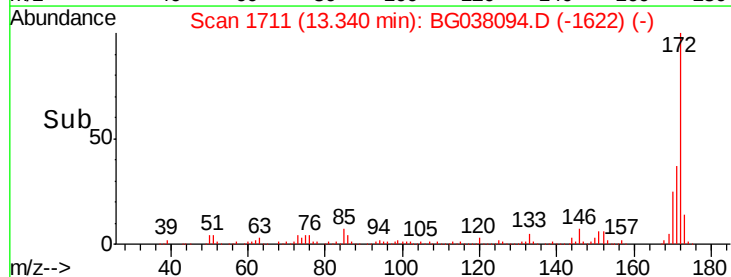
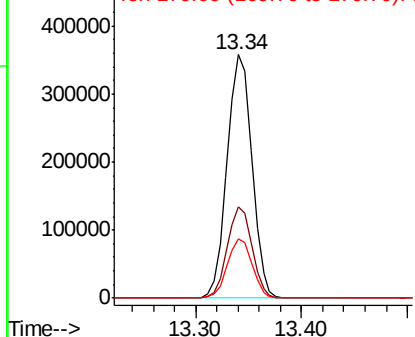


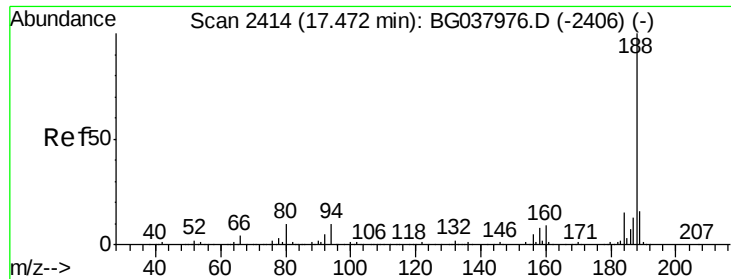
#45
 2-Fluorobiphenyl
 Concen: 77.857 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038094.D
 Acq: 20 Nov 2018 20:46

Tgt Ion:172 Resp: 580458
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 24.6 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

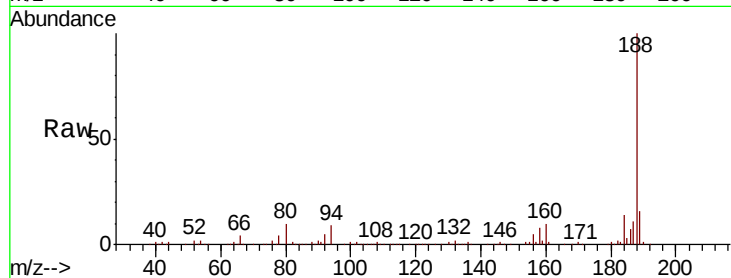




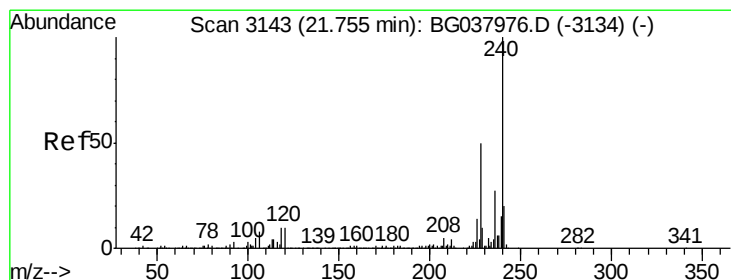
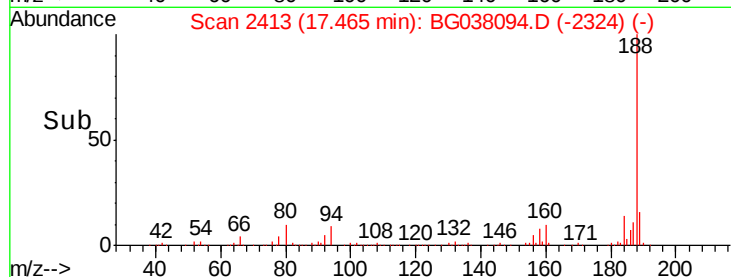
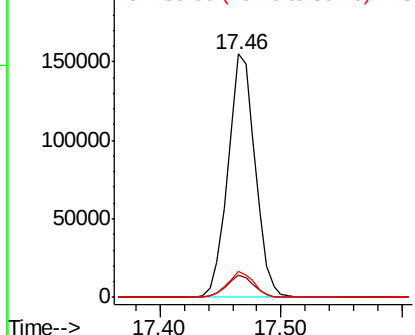
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038094.D
Acq: 20 Nov 2018 20:46

Instrument :
BNA_G
ClientSampleId :
FS-RT3786

Tot Ion:188 Resp: 242791
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.5 7.7 11.5

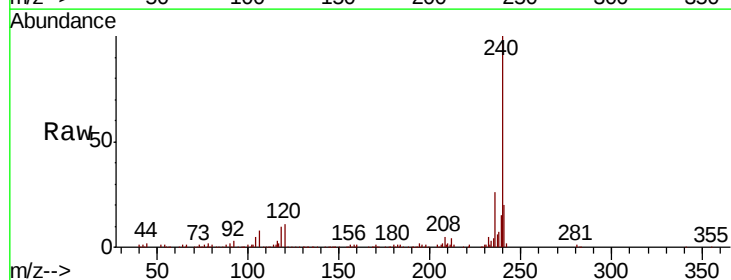


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

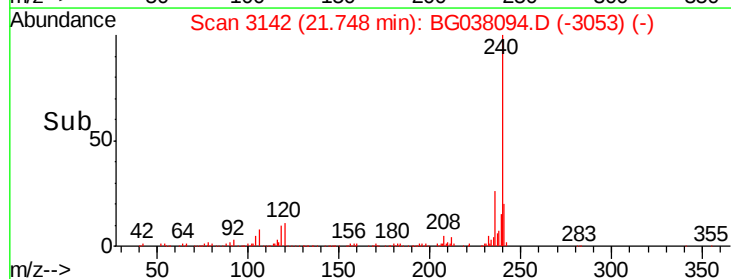
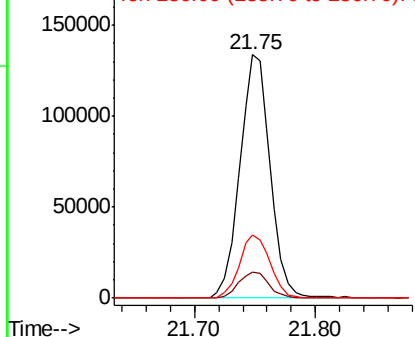


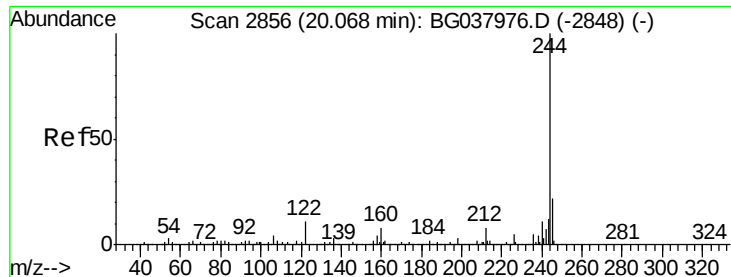
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038094.D
Acq: 20 Nov 2018 20:46

Tgt Ion:240 Resp: 232736
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.0 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: 91.552 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038094.D

Acq: 20 Nov 2018 20:46

Instrument :

BNA_G

ClientSampleId :

FS-RT3786

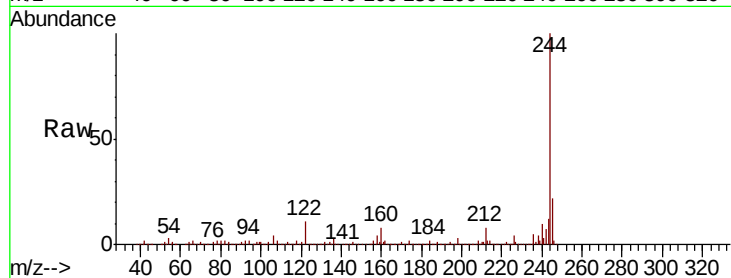
Tot Ion:244 Resp: 905536

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

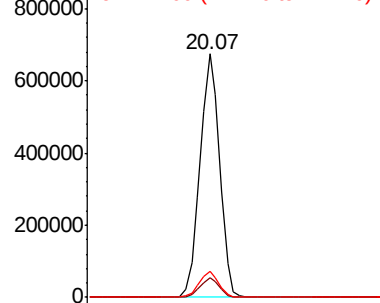
122 10.8 9.0 13.4



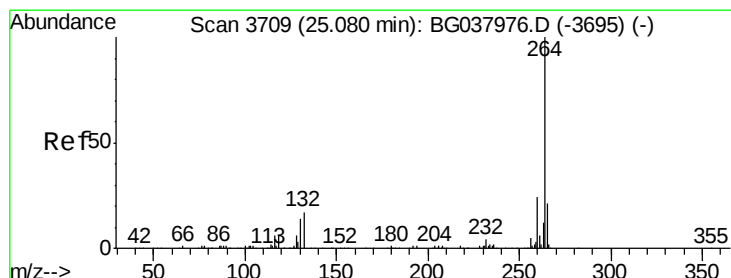
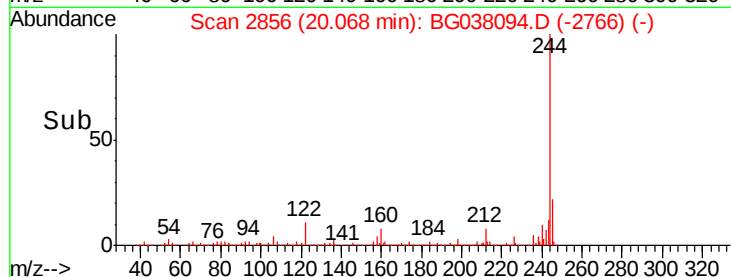
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038094.D

Acq: 20 Nov 2018 20:46

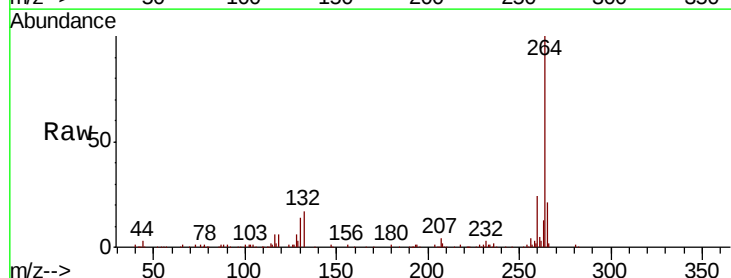
Tgt Ion:264 Resp: 239974

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

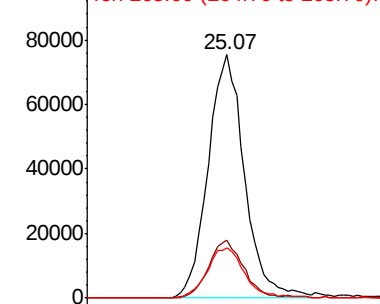
265 20.7 17.9 26.9



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



Time-->

