

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038014.D
 Acq On : 15 Nov 2018 2:12
 Operator : JU/SJ
 Sample : PB114826BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BL

Quant Time: Nov 15 03:32:03 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	46436	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	192485	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	126033	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	300100	20.00	ng	0.00
76) Chrysene-d12	21.74	240	291794	20.00	ng	-0.01
87) Perylene-d12	25.06	264	291795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	368025	136.84	ng	0.00
7) Phenol-d6	7.23	99	505134	131.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	306056	85.11	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	175461	122.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	734238	84.87	ng	0.00
79) Terphenyl-d14	20.07	244	1137959	91.76	ng	0.00

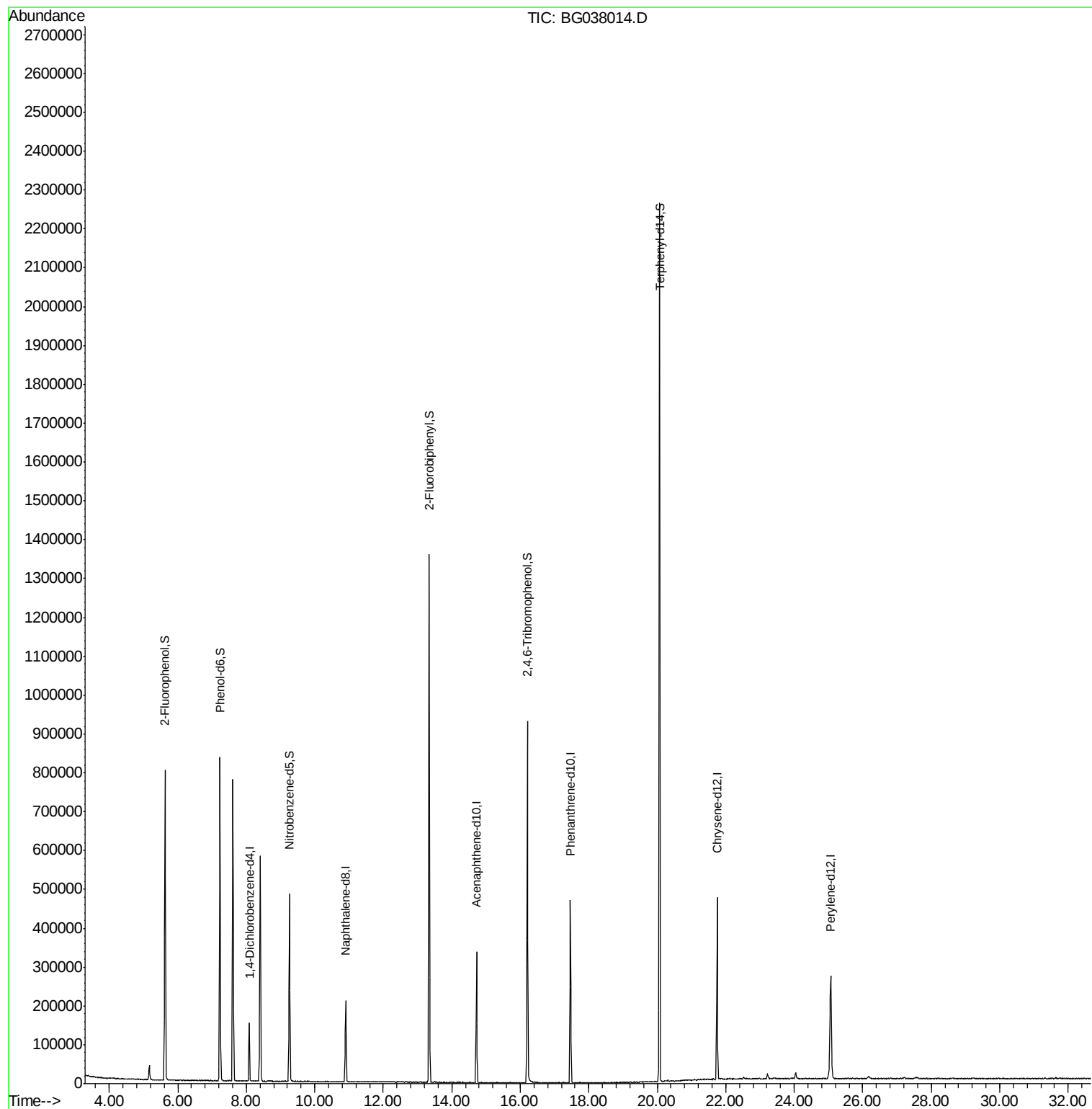
Target Compounds Qvalue

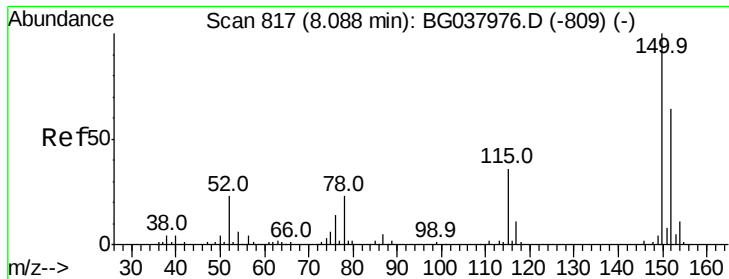
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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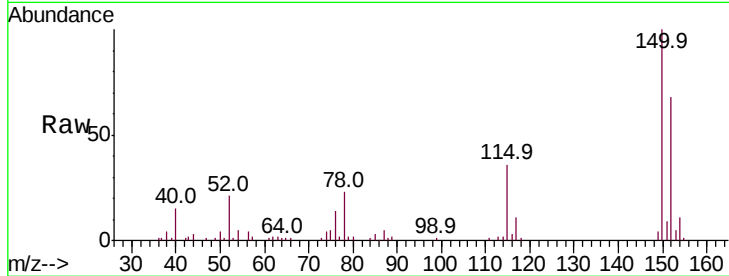


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	126.0	189.0
115	53.7	45.5	68.3

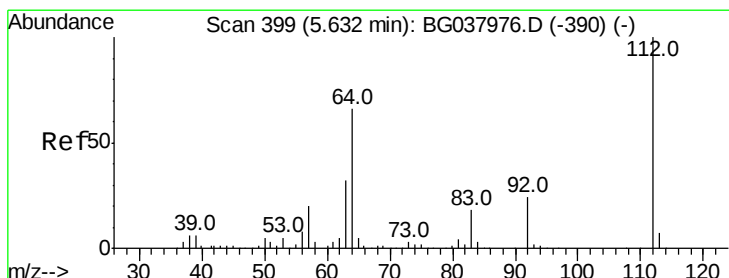
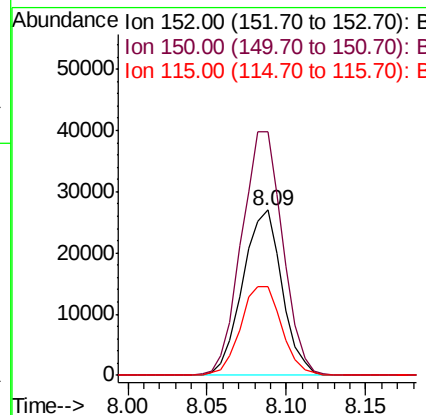
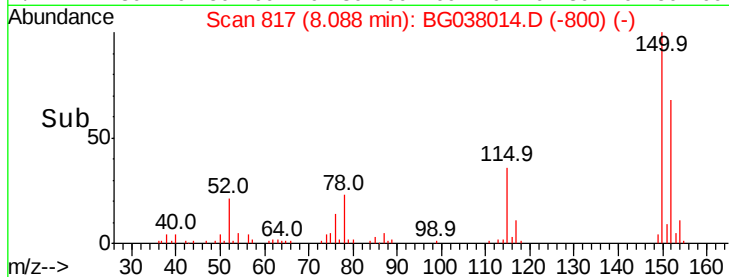


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

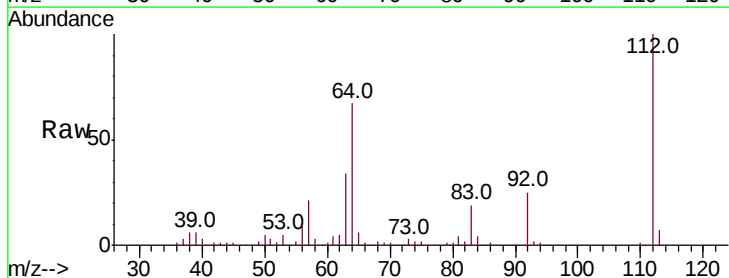
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 136.838 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.9	27.3	40.9

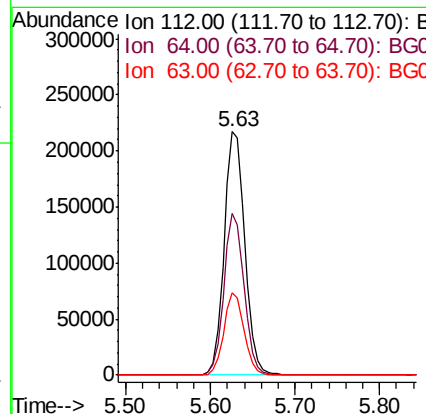
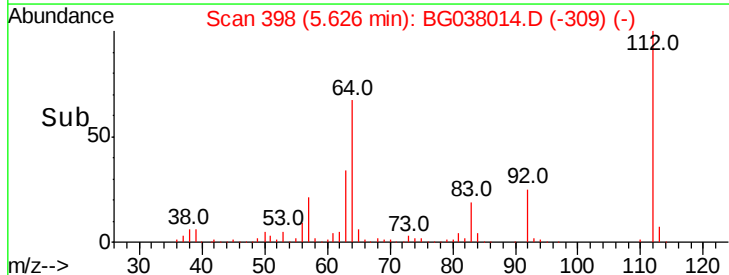


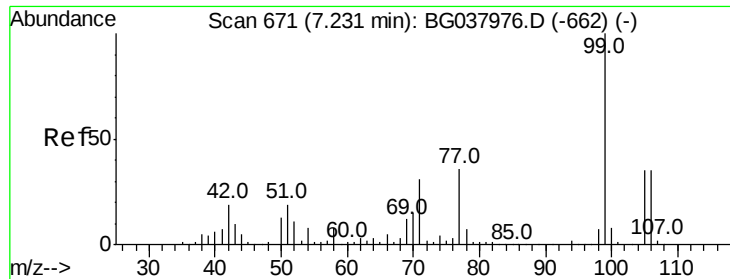
Abundance

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: 131.576 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB114826BL

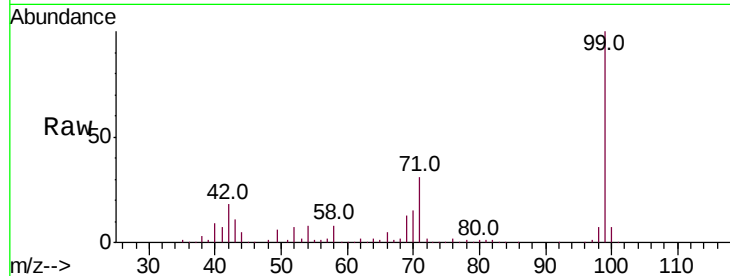
Tot Ion: 99 Resp: 505134

Ion Ratio Lower Upper

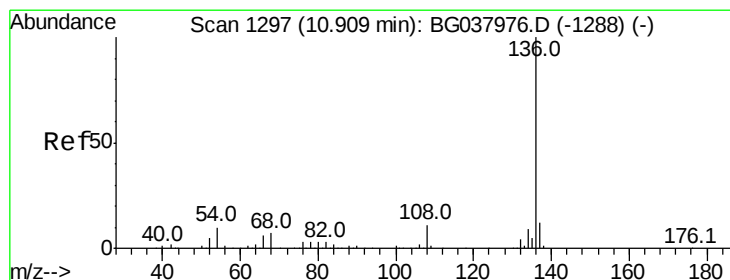
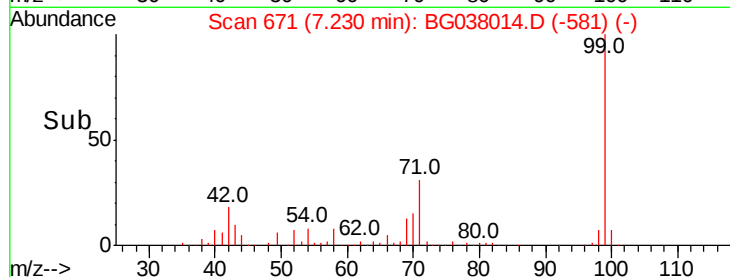
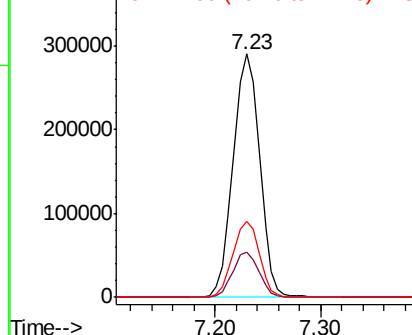
99 100

42 18.4 15.0 22.4

71 31.4 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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

Tgt Ion: 136 Resp: 192485

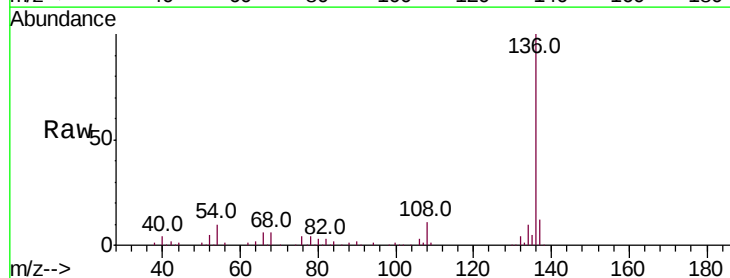
Ion Ratio Lower Upper

136 100

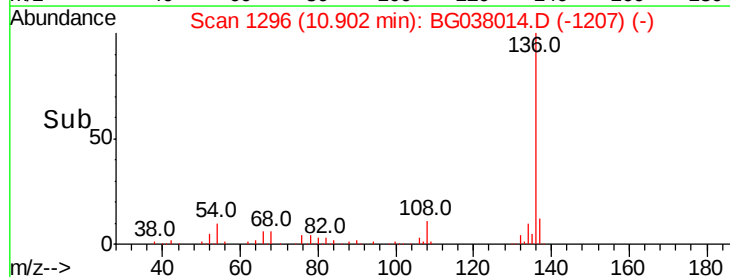
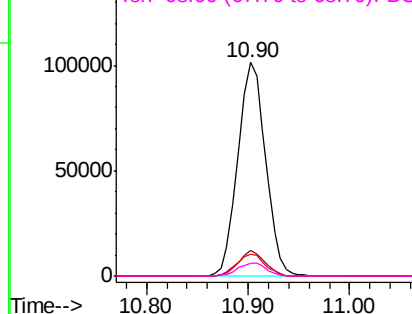
137 12.1 9.6 14.4

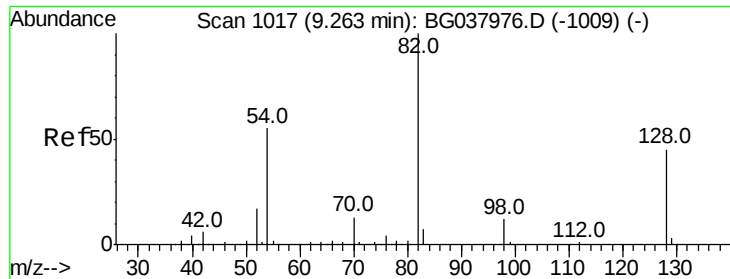
54 10.4 7.9 11.9

68 6.2 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

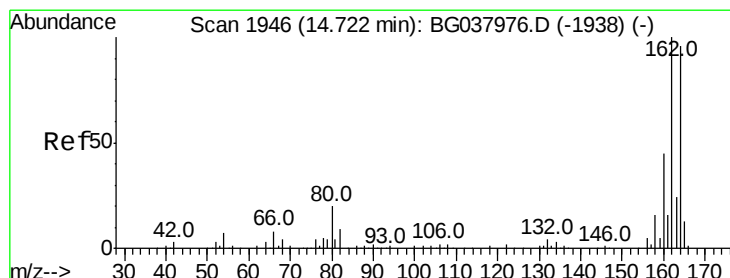
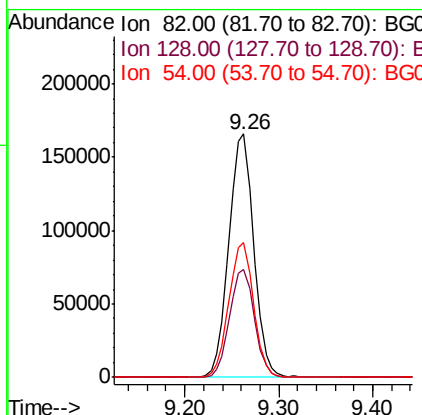
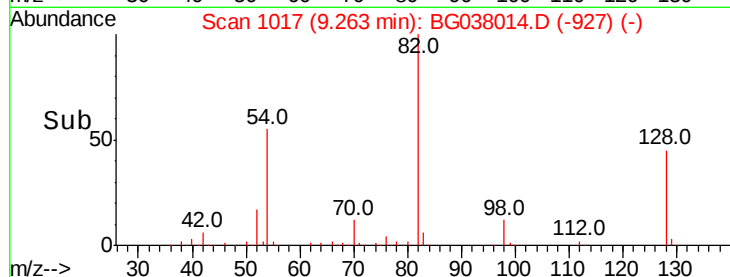
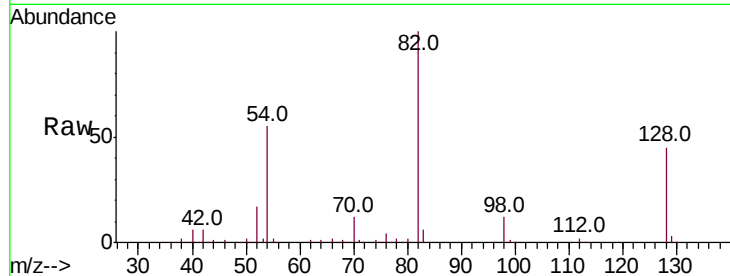




#23
Nitrobenzene-d5
Concen: 85.115 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038014.D
Acq: 15 Nov 2018 2:12

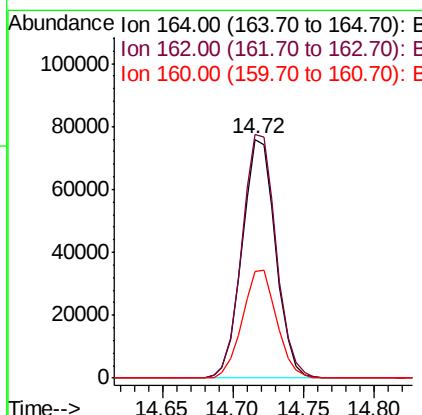
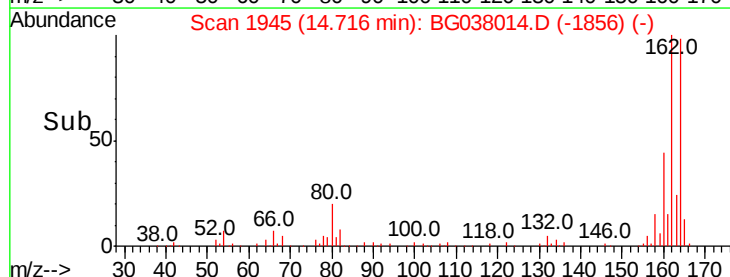
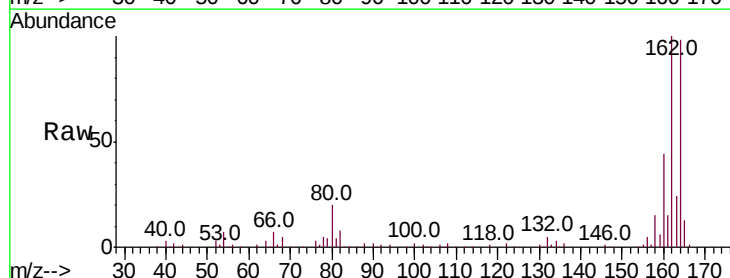
Instrument :
BNA_G
ClientSampleId :
PB114826BL

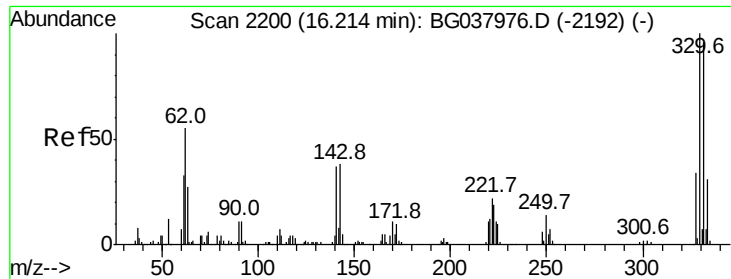
Tot Ion: 82 Resp: 306056
Ion Ratio Lower Upper
82 100
128 44.6 34.6 51.8
54 55.4 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038014.D
Acq: 15 Nov 2018 2:12

Tgt Ion: 164 Resp: 126033
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.8 36.3 54.5

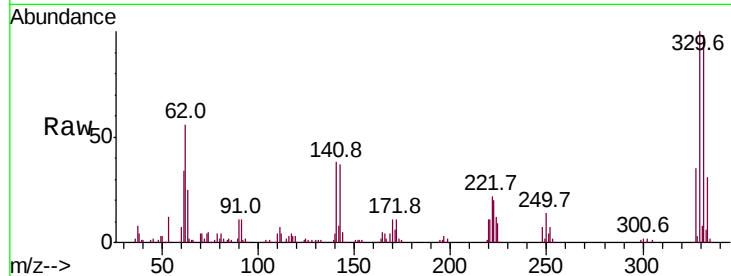




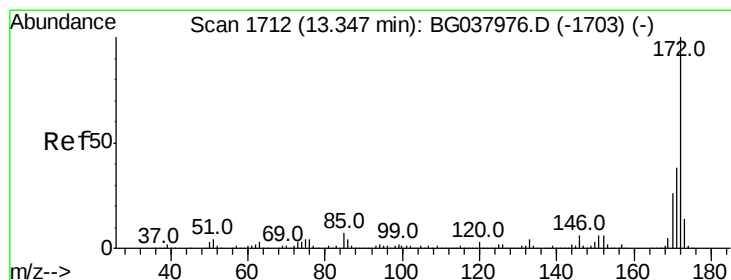
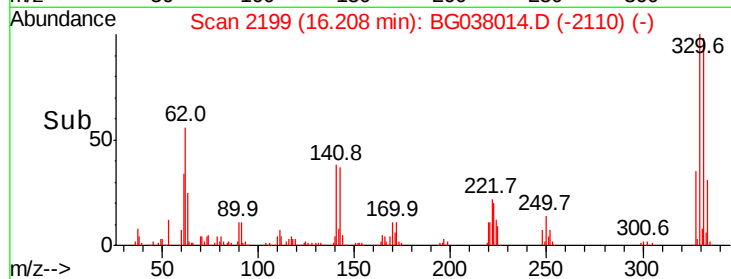
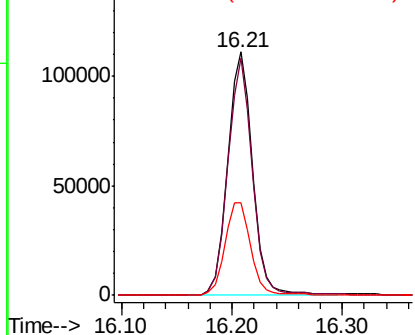
#42
 2,4,6-Tribromophenol
 Concen: 122.070 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Instrument :
 BNA_G
 ClientSampleID :
 PB114826BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	39.5	32.2	48.2

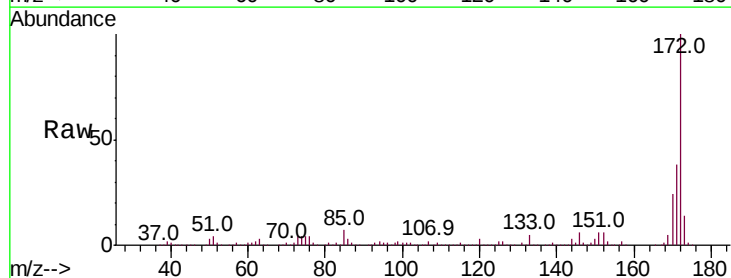


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

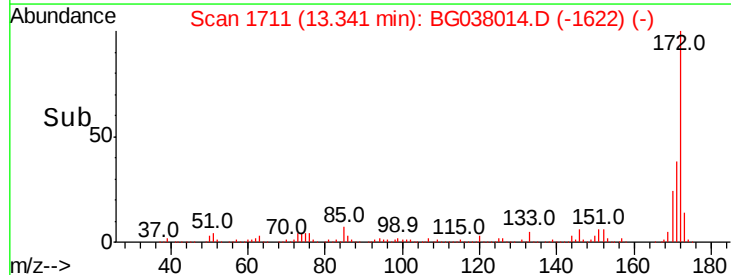
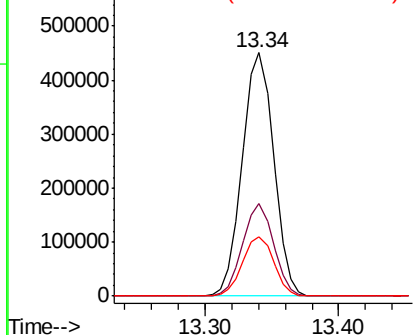


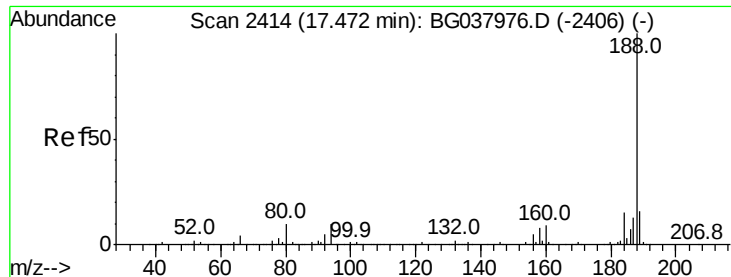
#45
 2-Fluorobiphenyl
 Concen: 84.873 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.4	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: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB114826BL

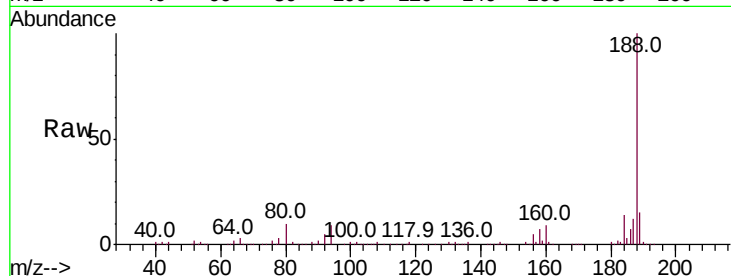
Tot Ion:188 Resp: 300100

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

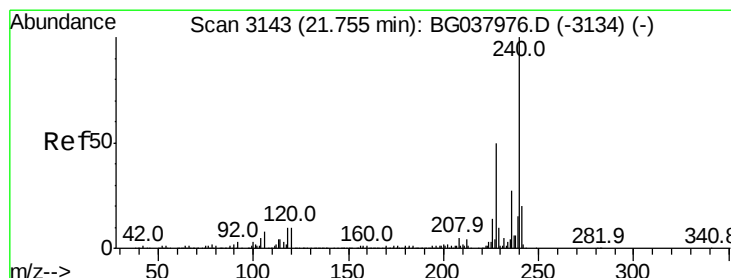
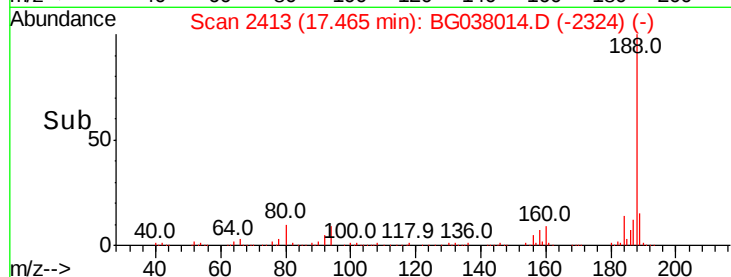
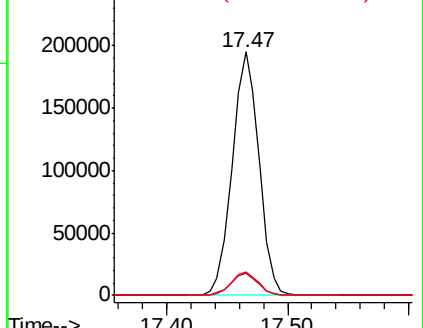
80 9.7 7.7 11.5



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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

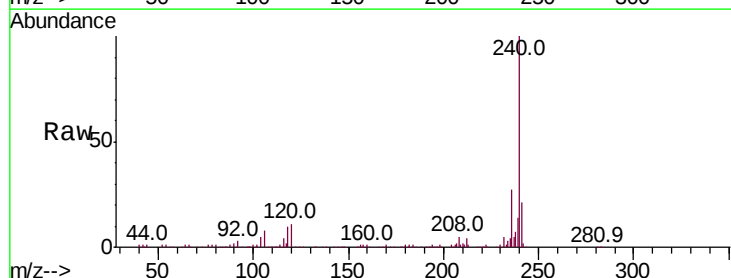
Tgt Ion:240 Resp: 291794

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

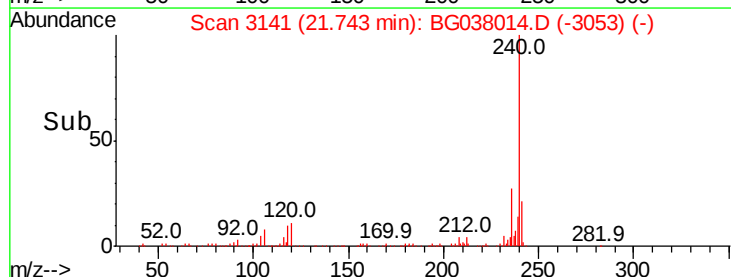
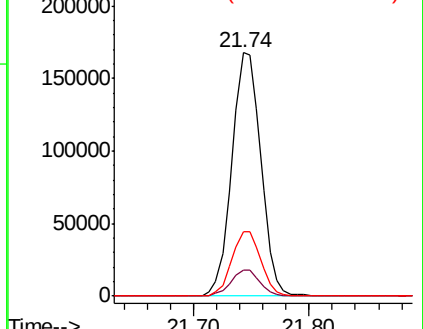
236 26.7 21.4 32.0



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: 91.764 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB114826BL

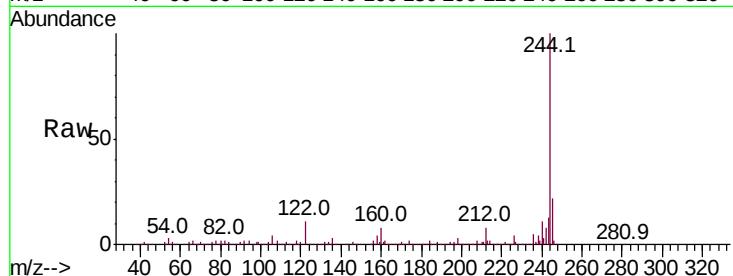
Tot Ion:244 Resp: 1137959

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.5	9.0	13.4

244 100

212 7.8 6.5 9.7

122 10.5 9.0 13.4

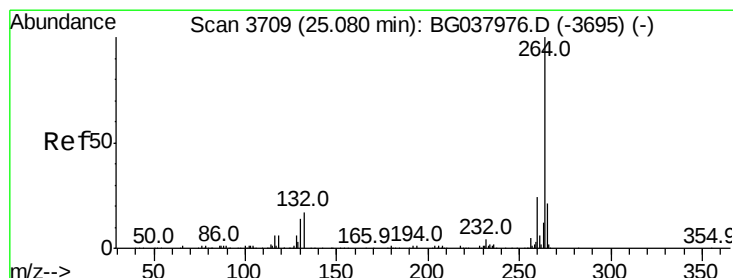
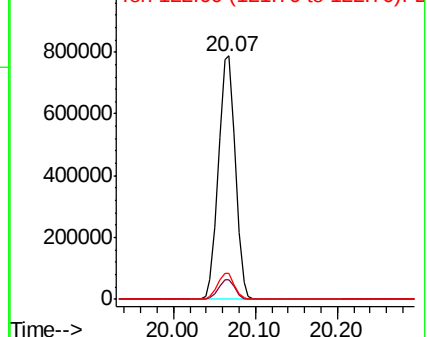
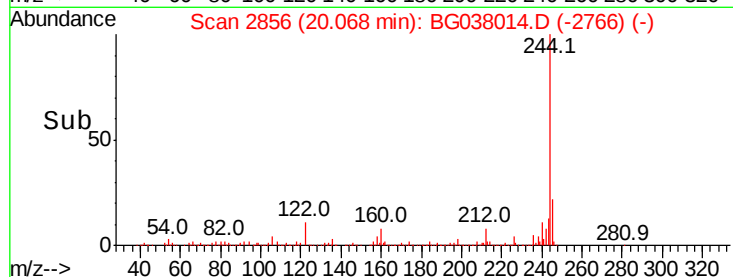


Abundance

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: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

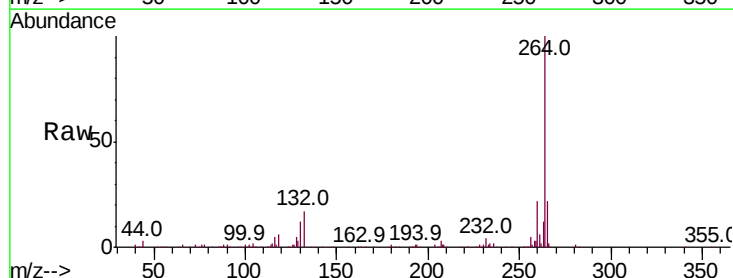
Tgt Ion:264 Resp: 291795

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	21.9	17.9	26.9

264 100

260 22.1 18.2 27.4

265 21.9 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

