

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038973.D
 Acq On : 7 Jan 2019 19:12
 Operator : JU/SJ
 Sample : K1036-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-E

Quant Time: Jan 08 03:44:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

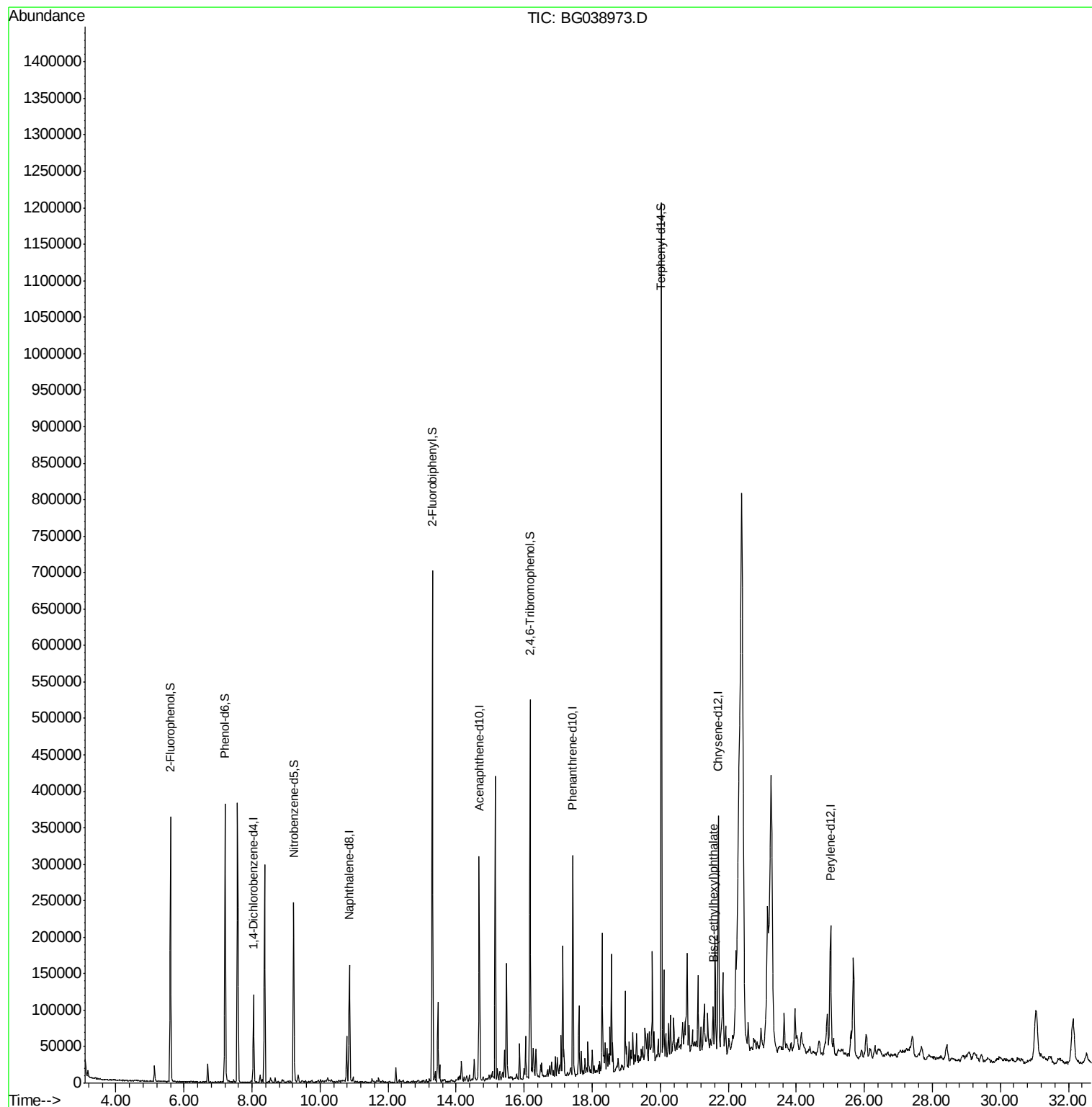
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35449	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	143254	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	92419	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	206483	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	201388	20.00	ng	-0.01
87) Perylene-d12	25.00	264	217003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	160694	80.40	ng	0.00
7) Phenol-d6	7.21	99	222240	81.00	ng	0.00
23) Nitrobenzene-d5	9.22	82	140535	50.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	114863	90.18	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	392456	58.26	ng	-0.02
79) Terphenyl-d14	20.03	244	590635	63.83	ng	-0.01
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phthalate	21.55	149	18521	2.512	ng	100

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

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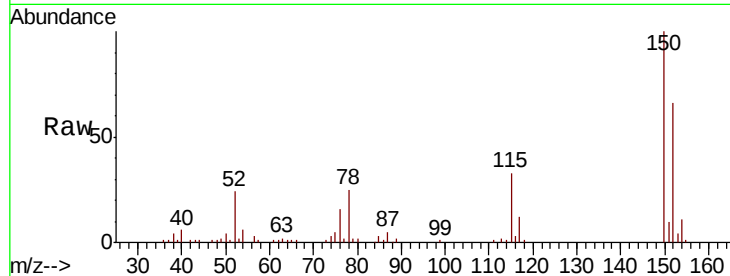


#1

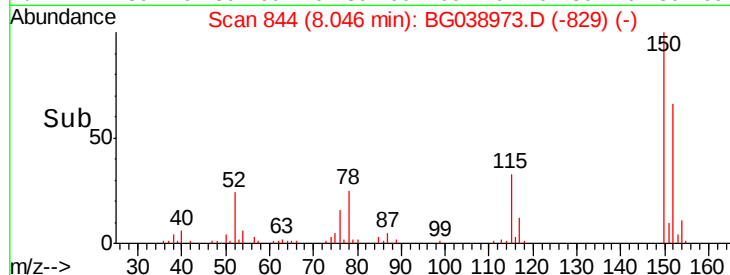
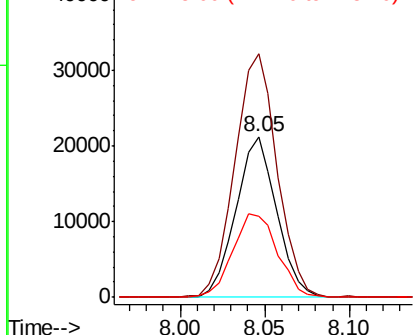
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Instrument :
BNA_G
ClientSampleId :
13-E

Tot Ion:152 Resp: 35449
Ion Ratio Lower Upper
152 100
150 151.6 119.5 179.3
115 50.7 49.6 74.4



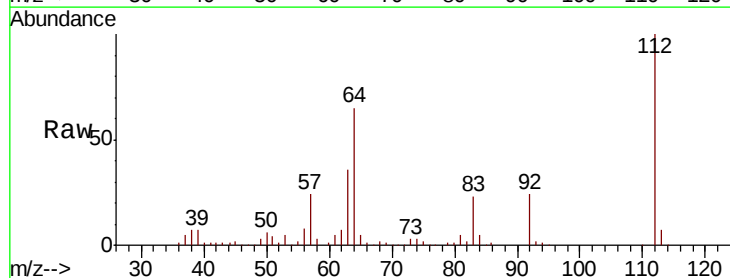
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



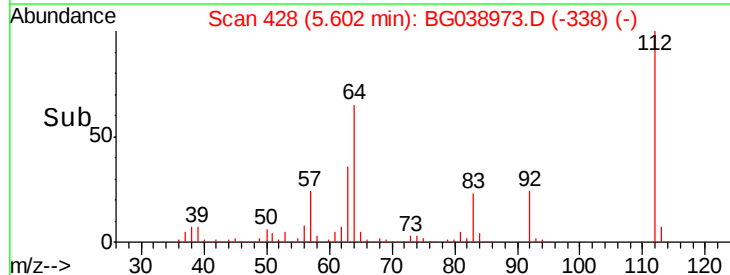
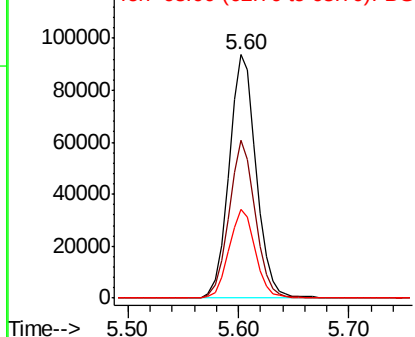
#5

2-Fluorophenol
Concen: 80.401 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Tgt Ion:112 Resp: 160694
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 36.3 29.3 43.9



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: 80.999 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

Instrument :

BNA_G

ClientSampleId :

13-E

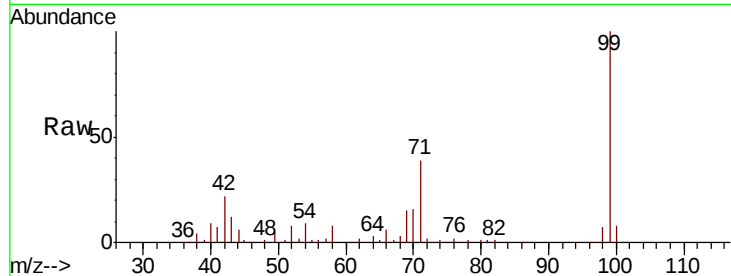
Tot Ion: 99 Resp: 222240

Ion Ratio Lower Upper

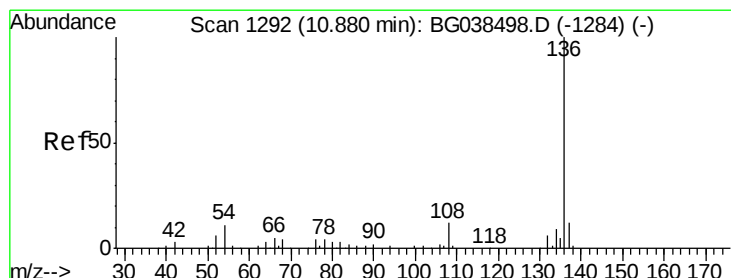
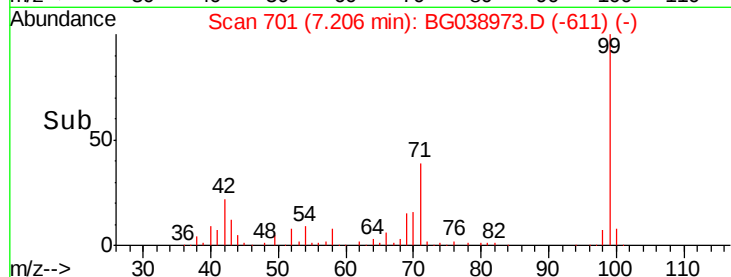
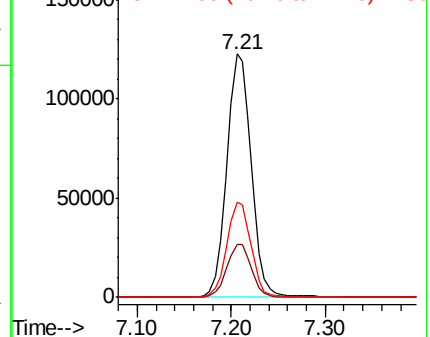
99 100

42 21.7 18.5 27.7

71 39.3 31.1 46.7



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

Tgt Ion: 136 Resp: 143254

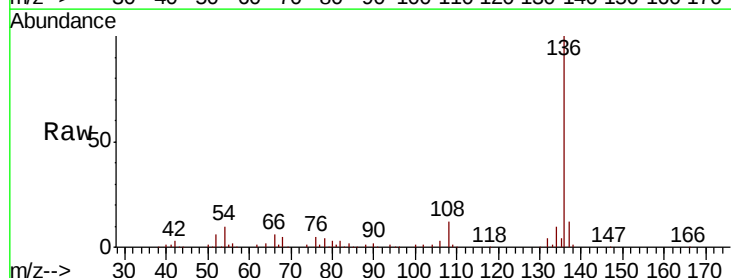
Ion Ratio Lower Upper

136 100

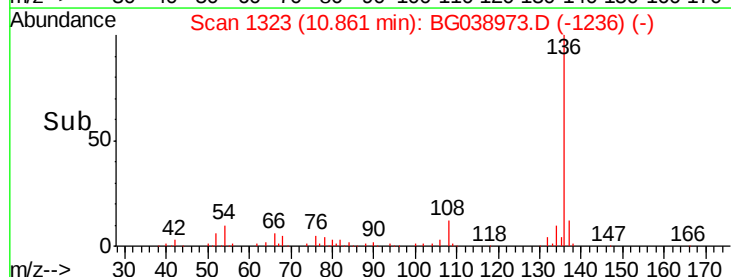
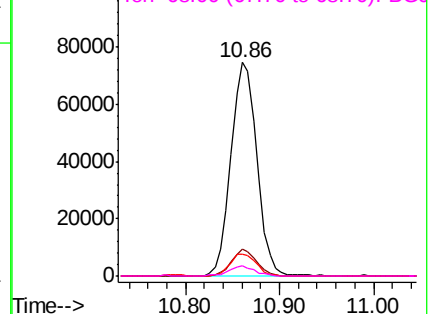
137 12.4 9.3 13.9

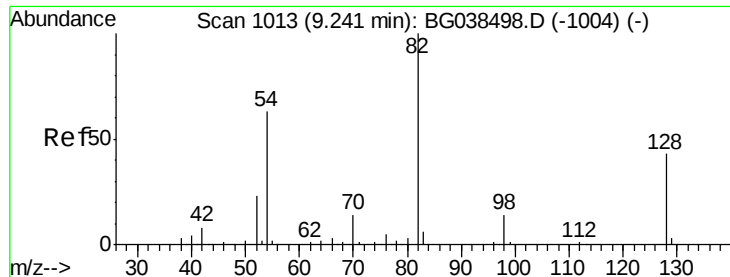
54 10.3 8.5 12.7

68 4.6 3.5 5.3



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

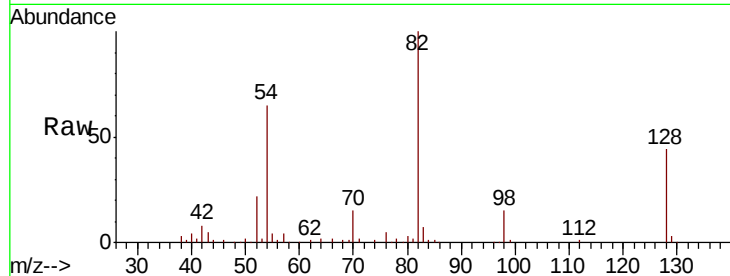




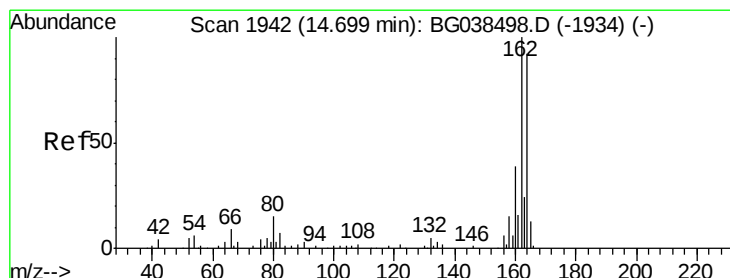
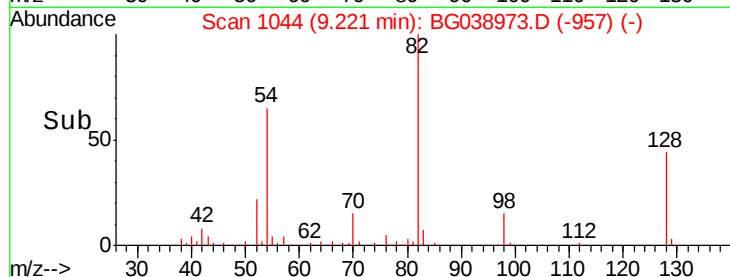
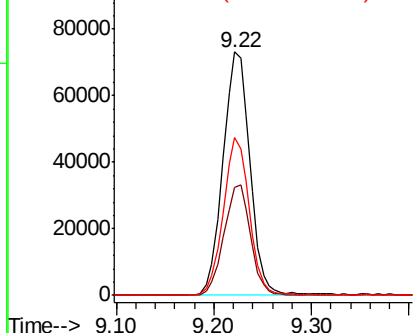
#23
Nitrobenzene-d5
Concen: 50.117 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Instrument :
BNA_G
ClientSampled :
13-E

Tot Ion: 82 Resp: 140535
Ion Ratio Lower Upper
82 100
128 44.4 34.6 52.0
54 64.6 50.6 76.0

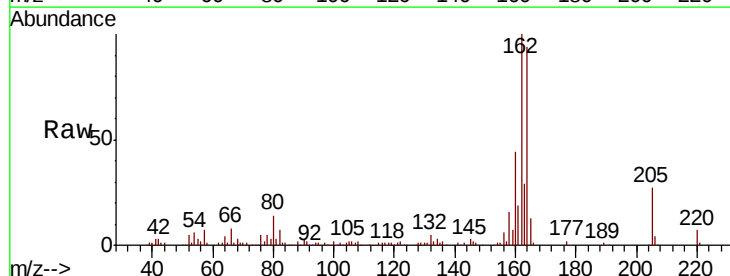


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

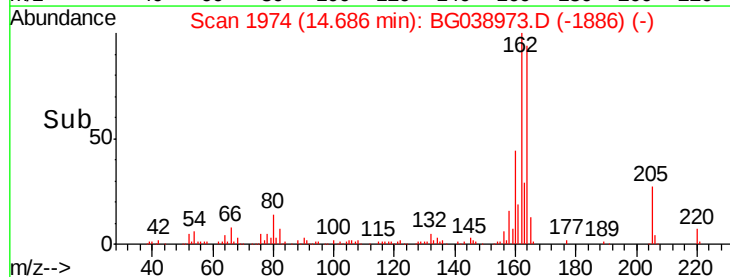
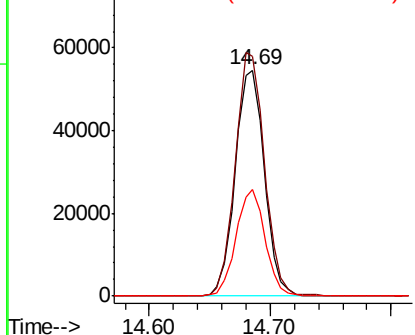


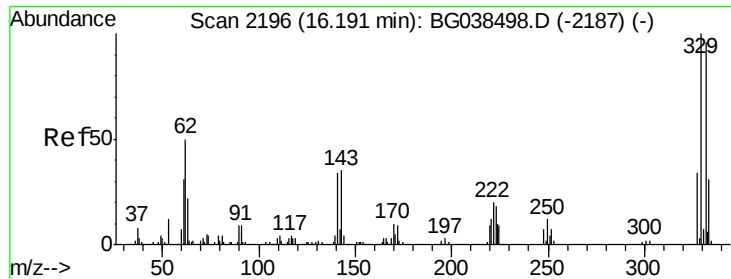
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038973.D
Acq: 7 Jan 2019 19:12

Tgt Ion:164 Resp: 92419
Ion Ratio Lower Upper
164 100
162 106.4 86.6 130.0
160 47.0 34.2 51.2



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

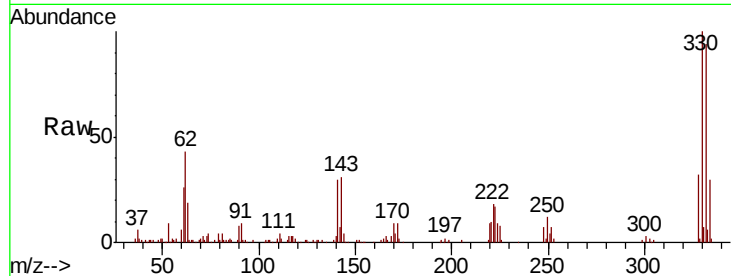




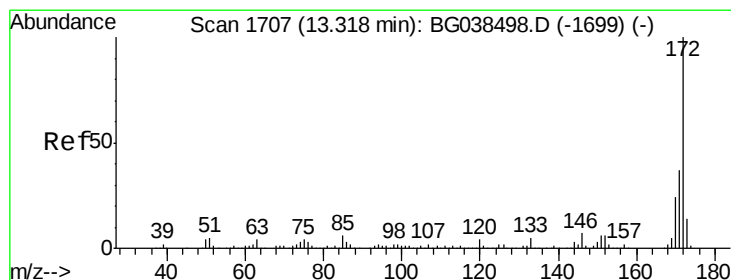
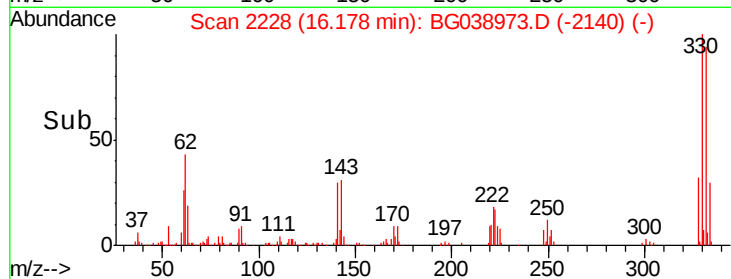
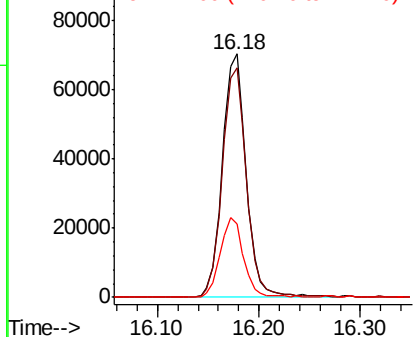
#42
 2,4,6-Tribromophenol
 Concen: 90.181 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038973.D
 Acq: 7 Jan 2019 19:12

Instrument :
 BNA_G
 ClientSampleId :
 13-E

Tot Ion:330 Resp: 114863
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 32.2 28.8 43.2

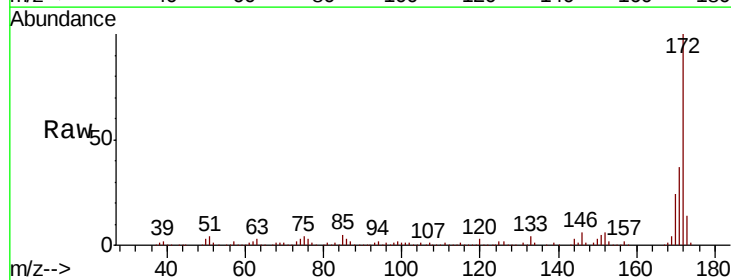


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

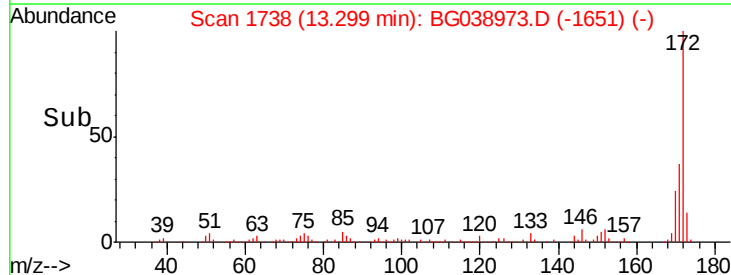
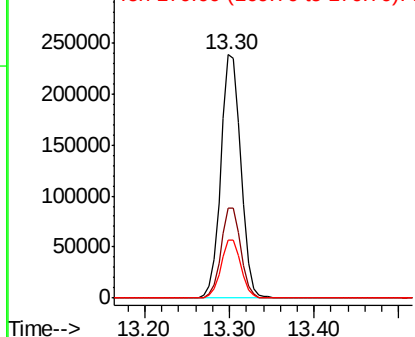


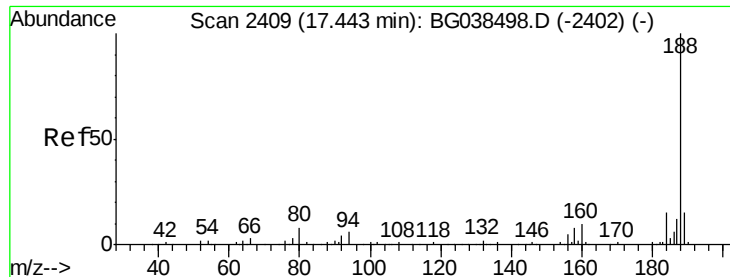
#45
 2-Fluorobiphenyl
 Concen: 58.255 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038973.D
 Acq: 7 Jan 2019 19:12

Tgt Ion:172 Resp: 392456
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 23.6 19.5 29.3



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

Instrument :

BNA_G

ClientSampleId :

13-E

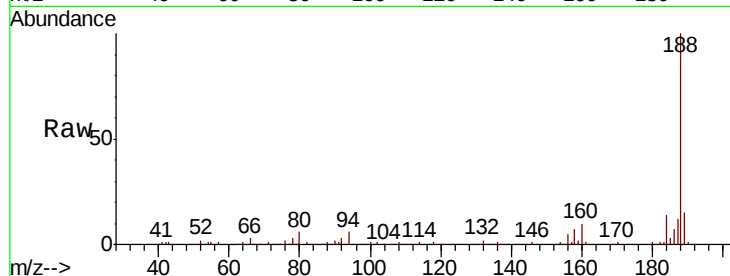
Tot Ion:188 Resp: 206483

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

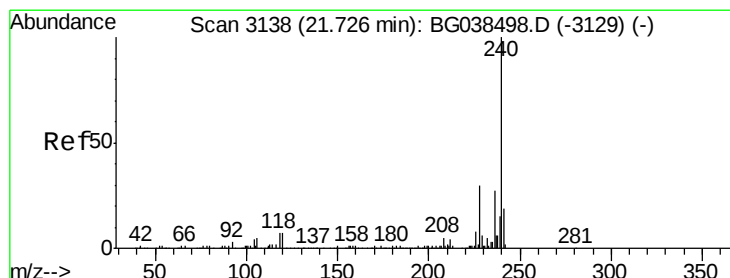
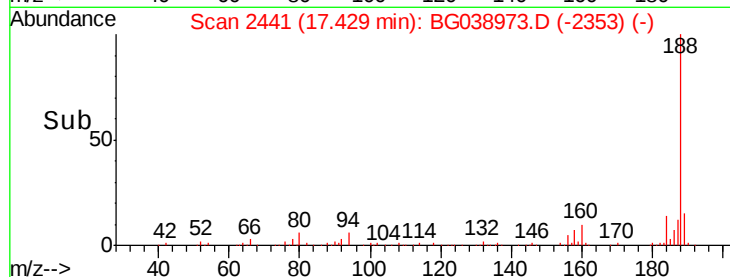
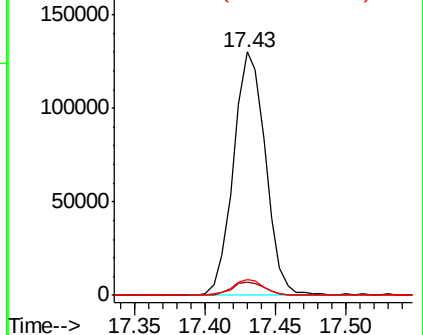
80 6.2 6.1 9.1



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

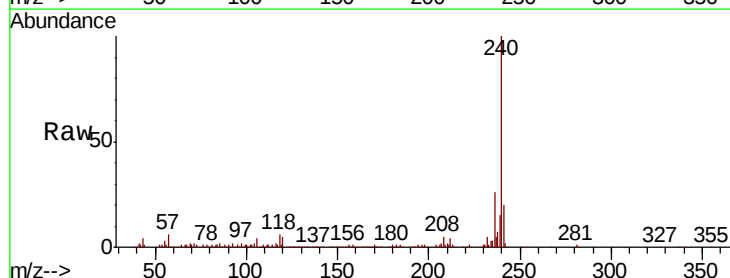
Tgt Ion:240 Resp: 201388

Ion Ratio Lower Upper

240 100

120 5.4 5.3 7.9

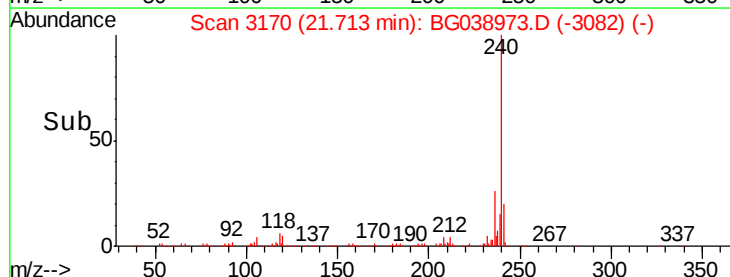
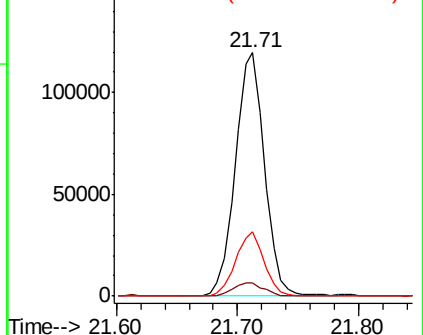
236 26.2 21.4 32.2

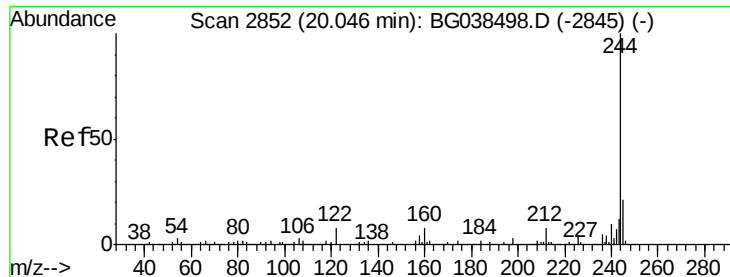


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.828 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

Instrument :

BNA_G

ClientSampleId :

13-E

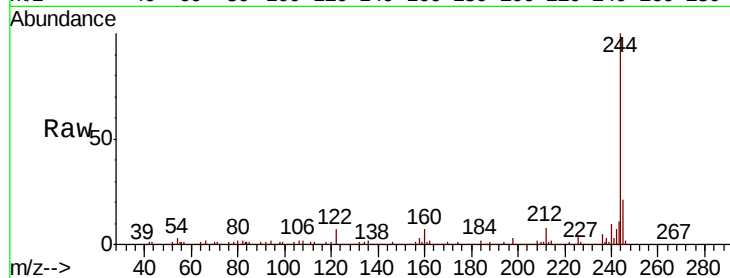
Tot Ion:244 Resp: 590635

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

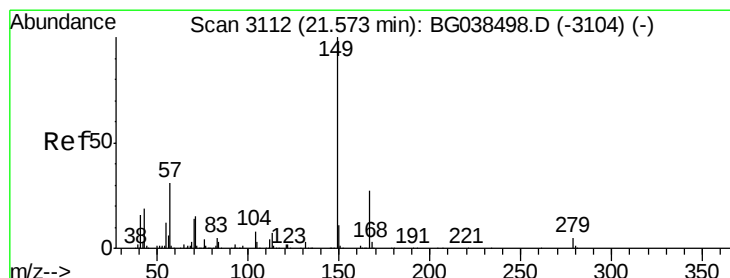
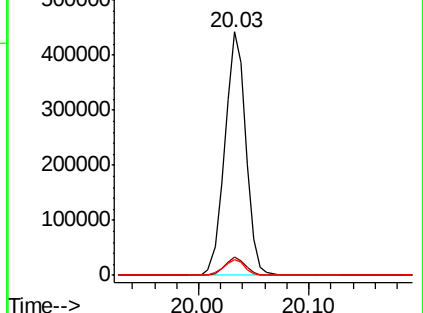
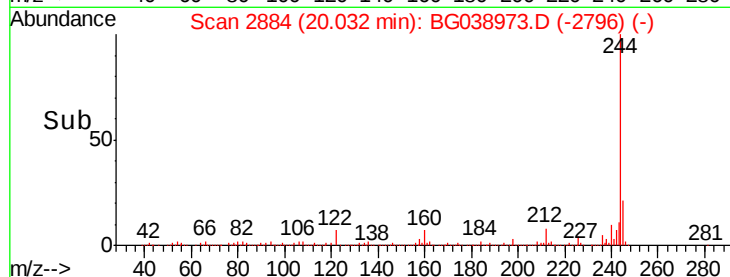
122 6.7 6.3 9.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.512 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG038973.D

Acq: 7 Jan 2019 19:12

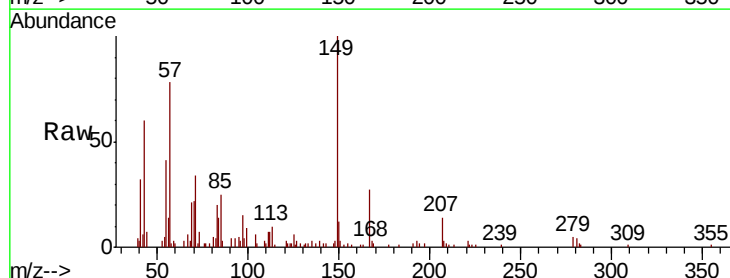
Tgt Ion:149 Resp: 18521

Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

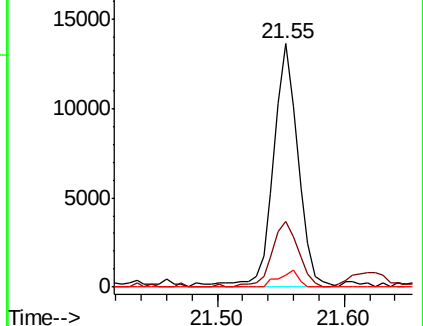
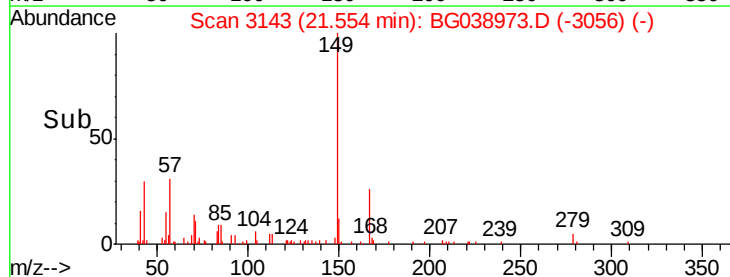
279 4.9 4.2 6.2

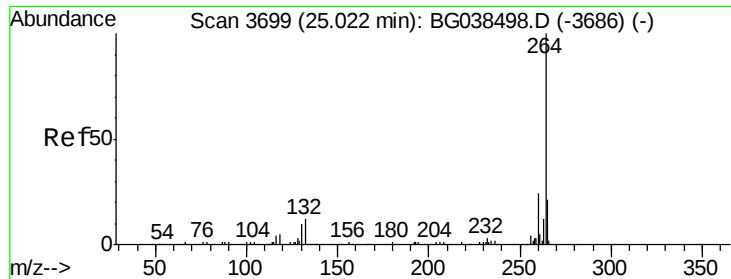


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

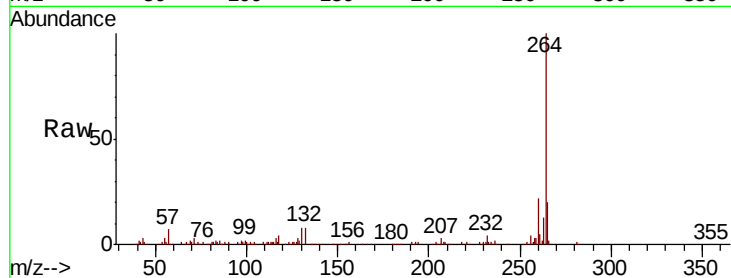




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.02 min
 Lab File: BG038973.D
 Acq: 7 Jan 2019 19:12

Instrument :
 BNA_G
 ClientSampleId :
 13-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.9	28.3
265	20.0	17.0	25.4



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

