

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038994.D
 Acq On : 8 Jan 2019 13:31
 Operator : JU/SJ
 Sample : K1034-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 14:10:21 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

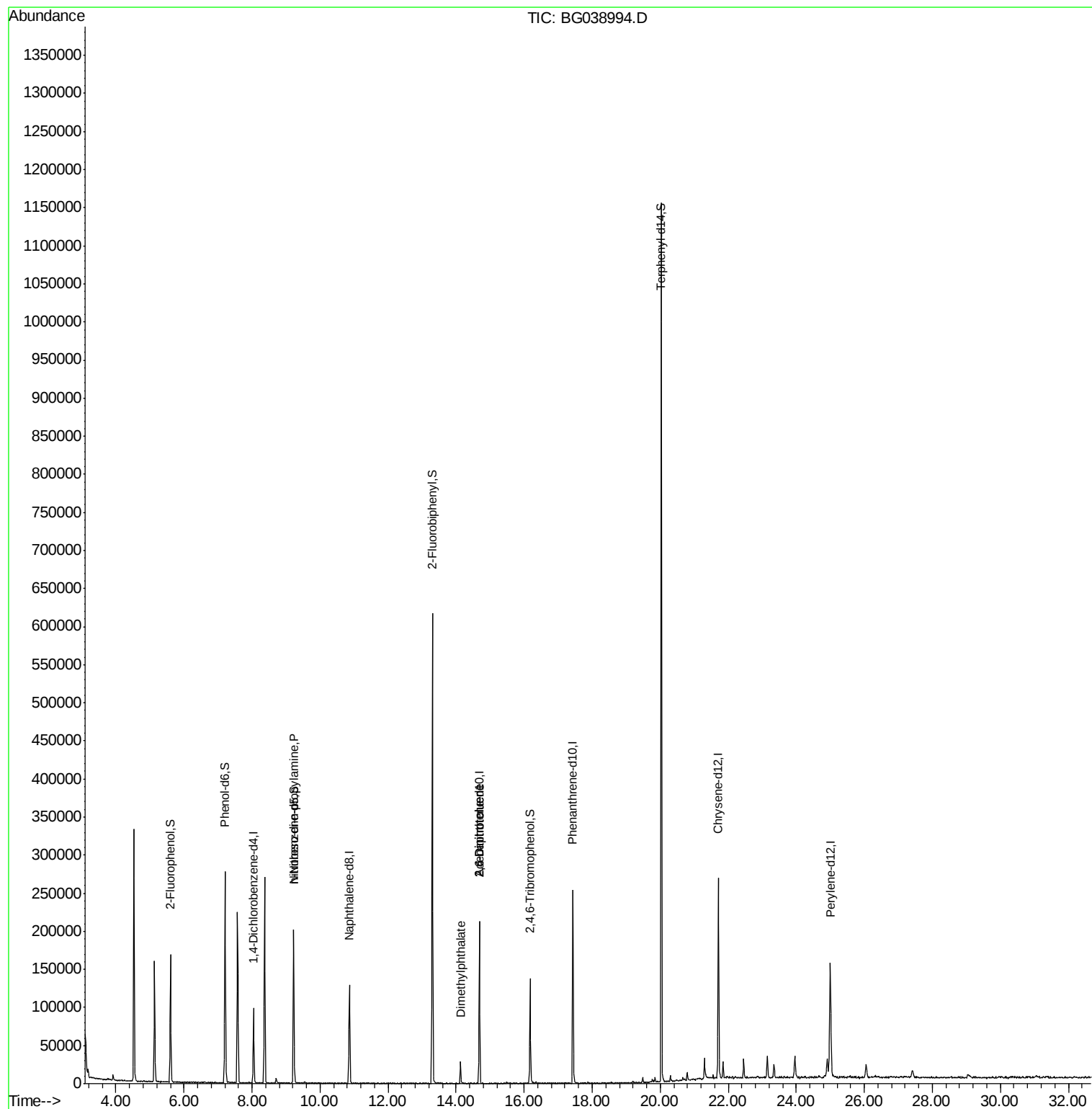
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29629	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	117313	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	77581	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	179777	20.00	ng	0.00
76) Chrysene-d12	21.71	240	180773	20.00	ng	-0.01
87) Perylene-d12	25.00	264	190648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	77107	46.16	ng	0.00
7) Phenol-d6	7.21	99	161675	70.50	ng	0.00
23) Nitrobenzene-d5	9.22	82	125211	54.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	32418	30.32	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	351638	62.18	ng	-0.01
79) Terphenyl-d14	20.03	244	583497	70.25	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	17104	10.619	ng	# 67
50) Dimethylphthalate	14.13	163	23442	3.700	ng	98
51) 2,6-Dinitrotoluene	14.69	165	10011	6.973	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	10011	4.951	ng	# 23

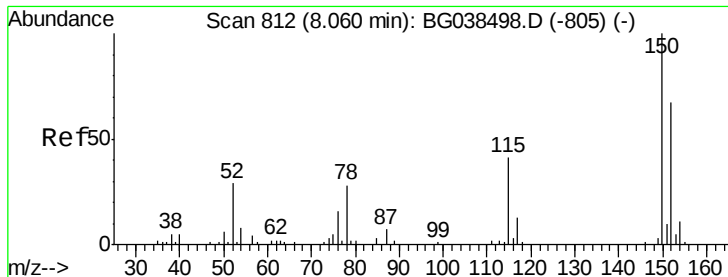
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



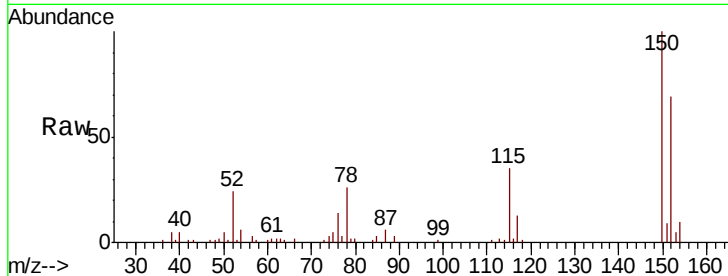


#1

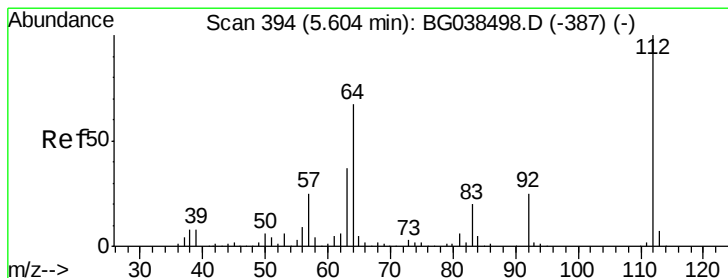
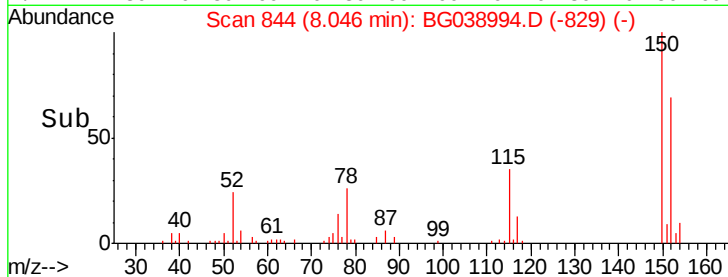
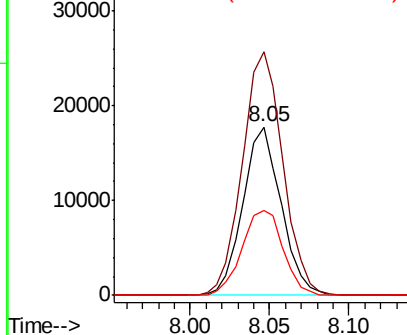
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038994.D
Acq: 8 Jan 2019 13:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29629
Ion Ratio Lower Upper
152 100
150 144.8 119.5 179.3
115 50.6 49.6 74.4



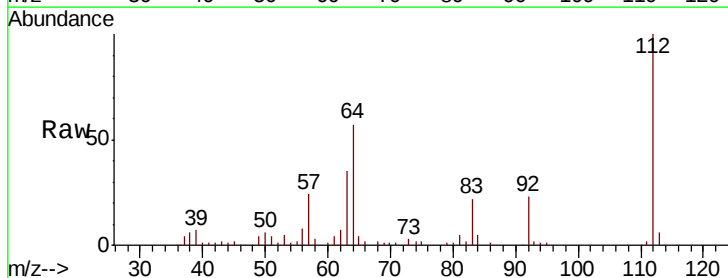
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



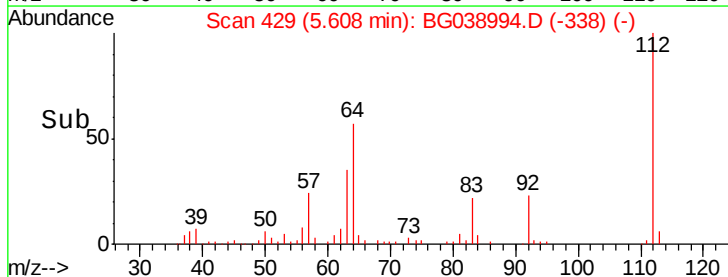
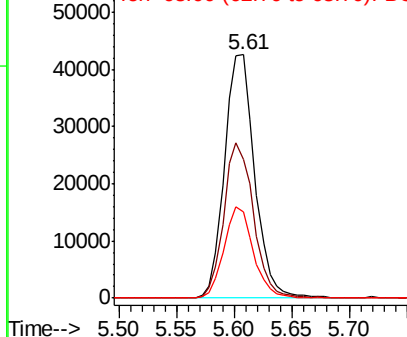
#5

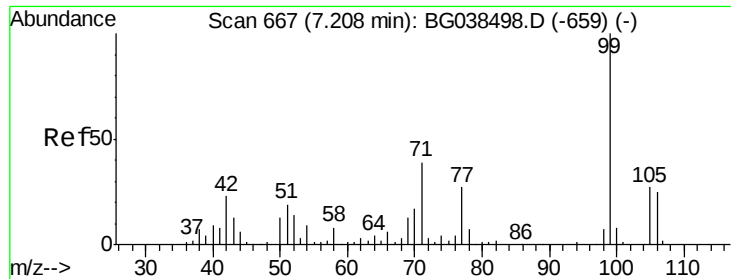
2-Fluorophenol
Concen: 46.158 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038994.D
Acq: 8 Jan 2019 13:31

Tgt Ion:112 Resp: 77107
Ion Ratio Lower Upper
112 100
64 57.0 53.4 80.2
63 35.4 29.3 43.9



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: 70.499 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038994.D

Acq: 8 Jan 2019 13:31

Instrument :

BNA_G

ClientSampled :

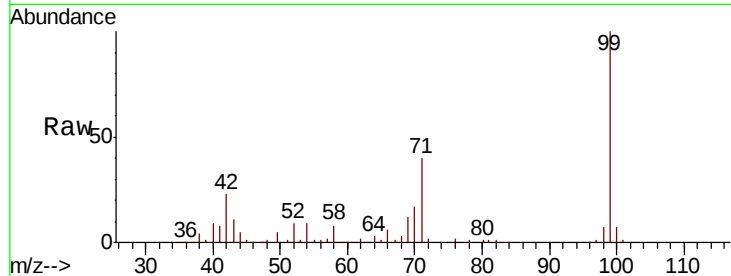
Tot Ion: 99 Resp: 161675

Ion Ratio Lower Upper

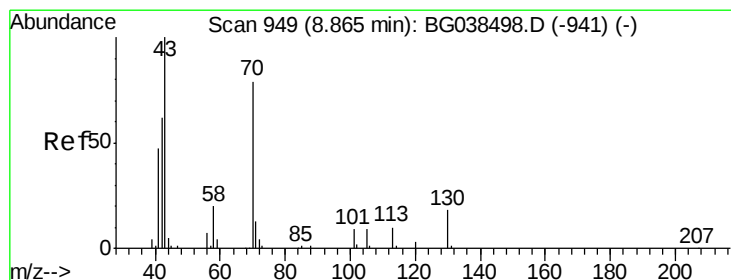
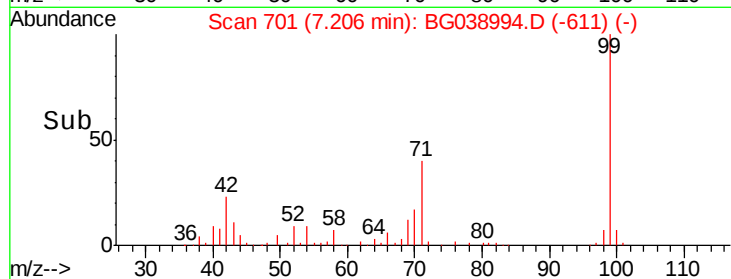
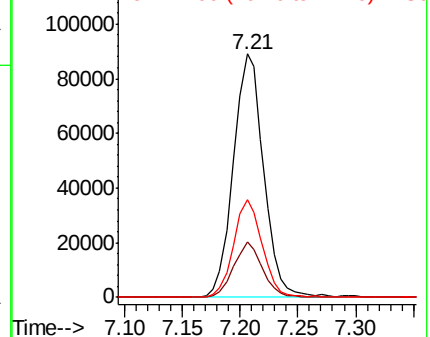
99 100

42 22.6 18.5 27.7

71 40.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.619 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG038994.D

Acq: 8 Jan 2019 13:31

Tgt Ion: 70 Resp: 17104

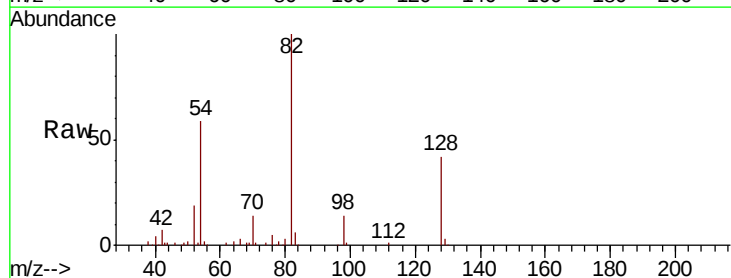
Ion Ratio Lower Upper

70 100

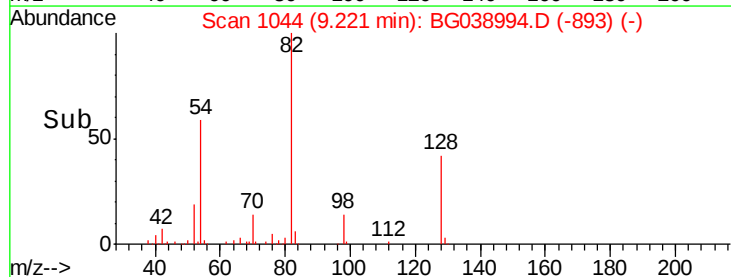
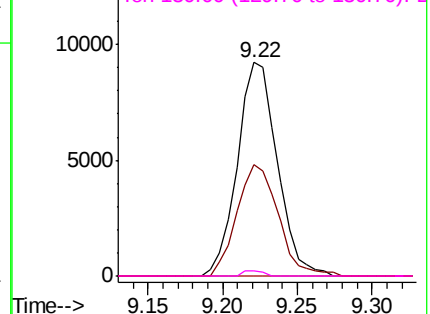
42 52.0 63.6 95.4#

101 0.0 9.2 13.8#

130 2.4 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

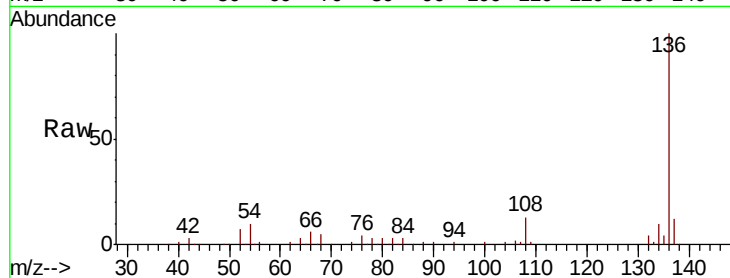




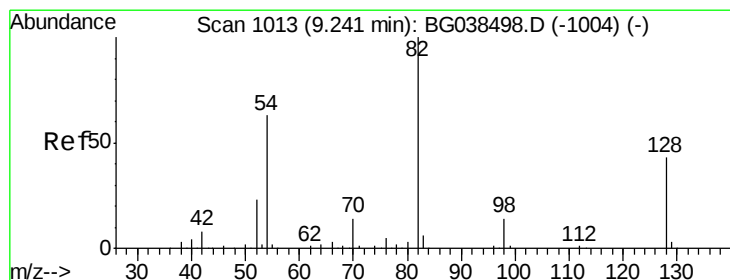
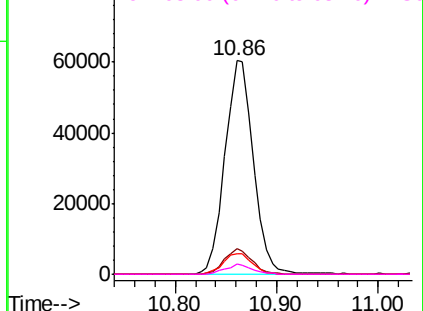
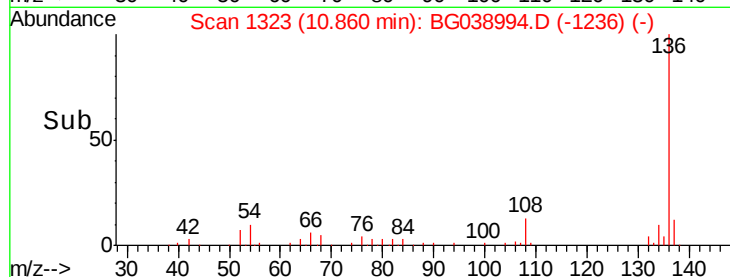
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038994.D
Acq: 8 Jan 2019 13:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	117313
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.3 13.9
54	9.8	8.5 12.7
68	4.9	3.5 5.3

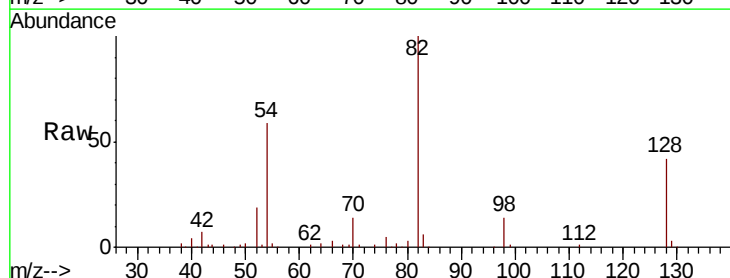


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

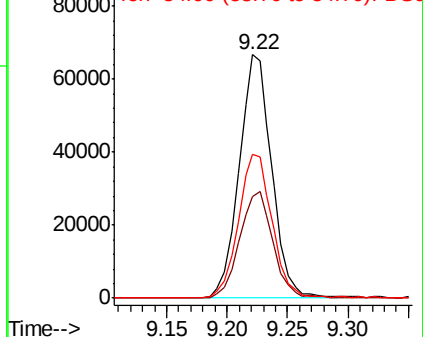
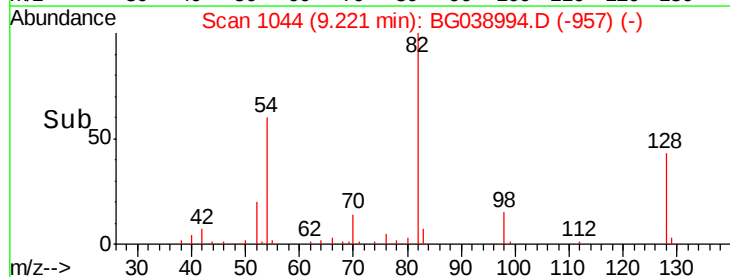


#23
Nitrobenzene-d5
Concen: 54.527 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038994.D
Acq: 8 Jan 2019 13:31

Tgt Ion: 82	Resp:	125211
Ion	Ratio	Lower Upper
82	100	
128	41.8	34.6 52.0
54	59.0	50.6 76.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG038994.D

Acq: 8 Jan 2019 13:31

Instrument :

BNA_G

ClientSampleId :

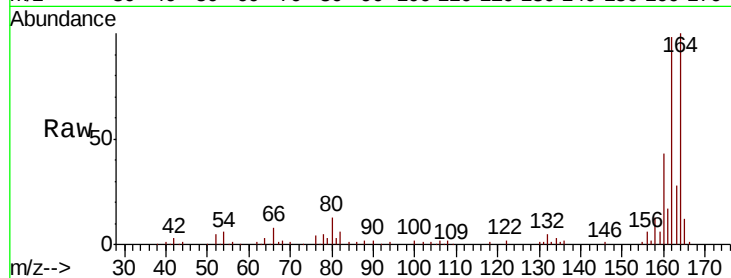
Tot Ion:164 Resp: 77581

Ion Ratio Lower Upper

164 100

162 97.8 86.6 130.0

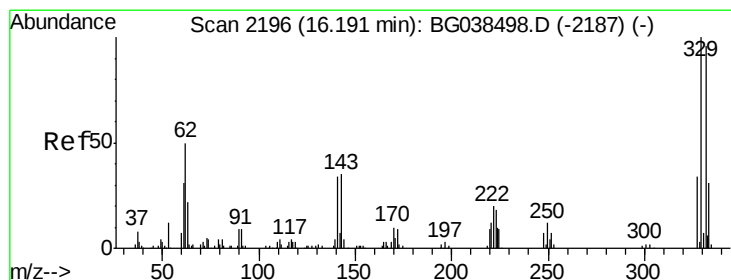
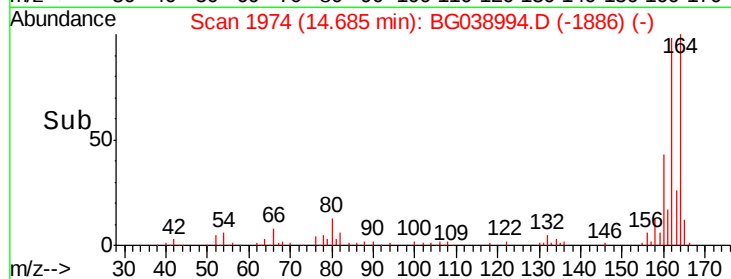
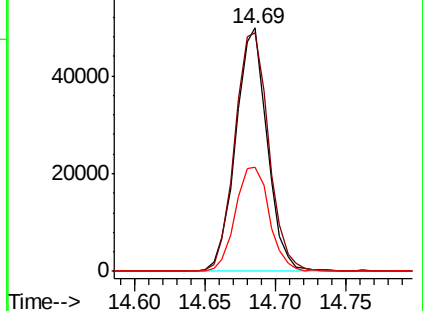
160 42.8 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 30.320 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038994.D

Acq: 8 Jan 2019 13:31

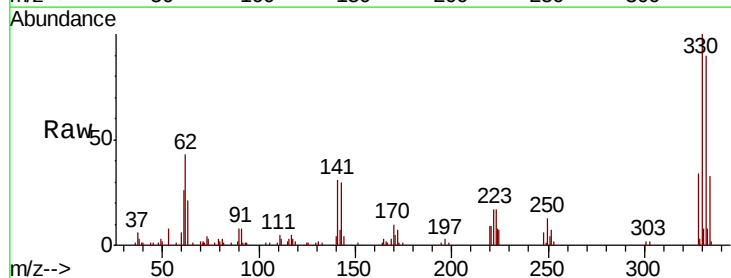
Tgt Ion:330 Resp: 32418

Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

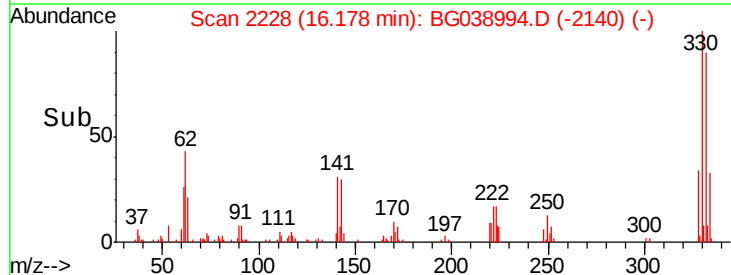
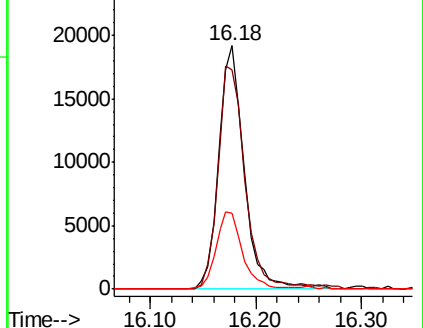
141 32.8 28.8 43.2

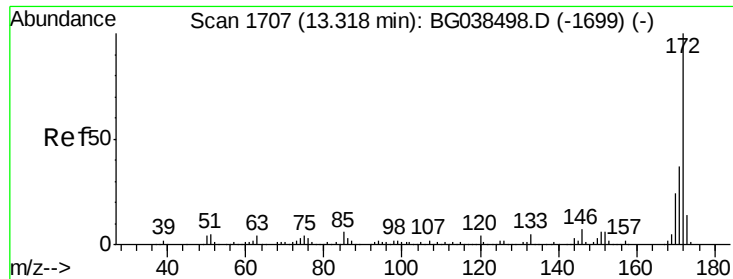


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

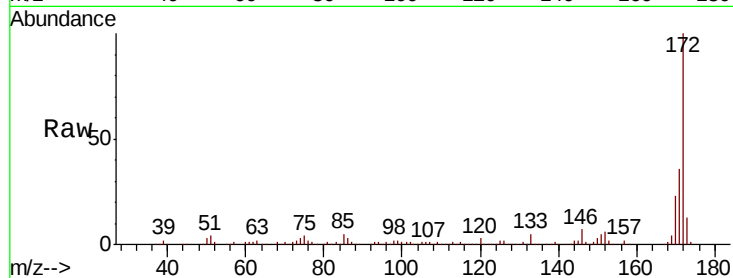




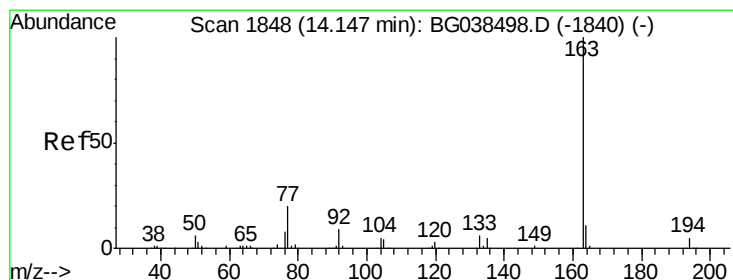
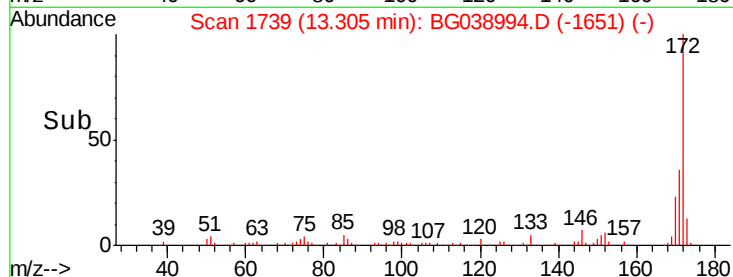
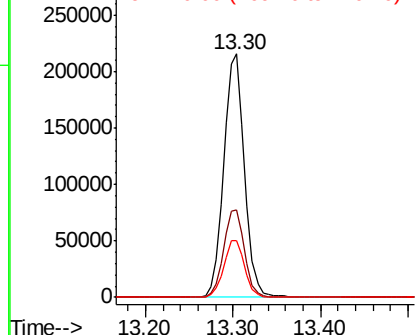
#45
2-Fluorobiphenyl
Concen: 62.179 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038994.D
Acq: 8 Jan 2019 13:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 351638
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 23.4 19.5 29.3

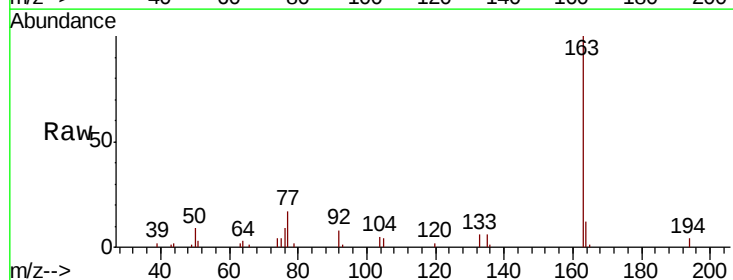


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

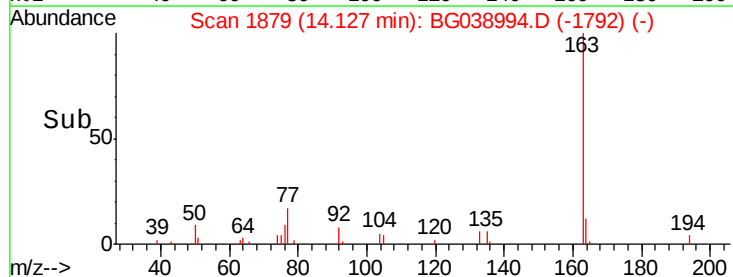
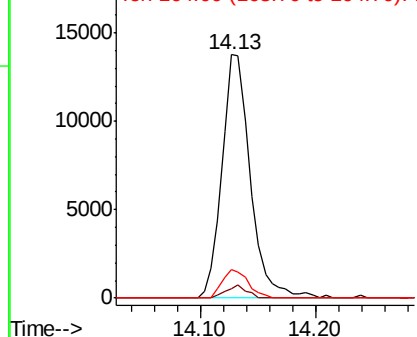


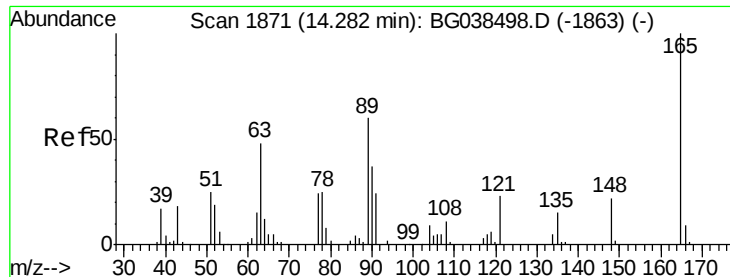
#50
Dimethylphthalate
Concen: 3.700 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038994.D
Acq: 8 Jan 2019 13:31

Tgt Ion:163 Resp: 23442
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 11.5 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

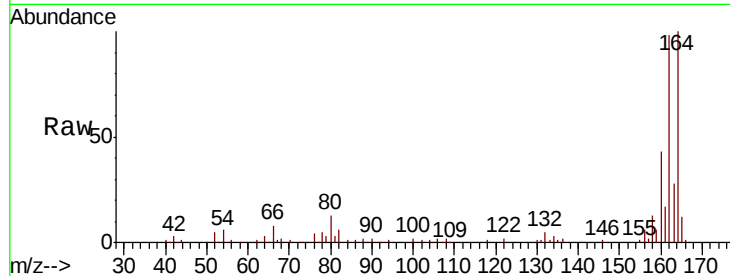




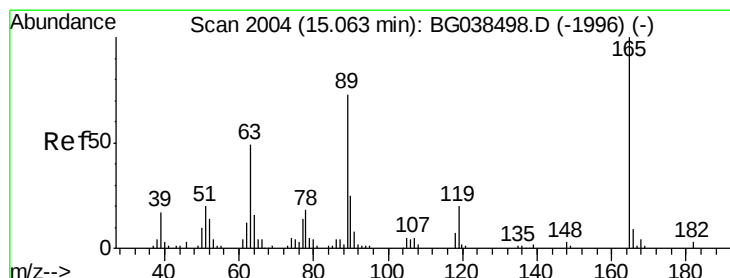
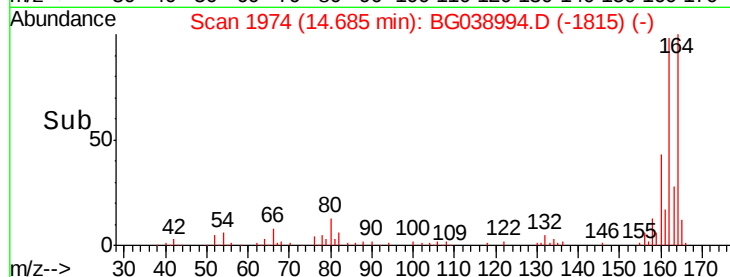
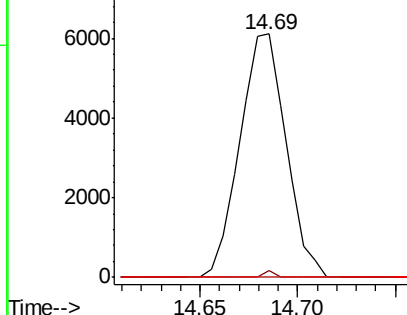
#51
 2,6-Dinitrotoluene
 Concen: 6.973 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG038994.D
 Acq: 8 Jan 2019 13:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	51.8	77.6#
89	0.0	47.9	71.9#



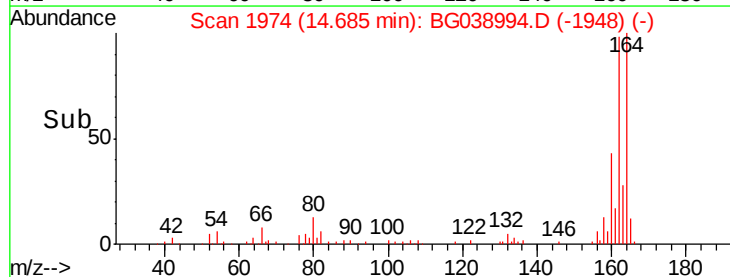
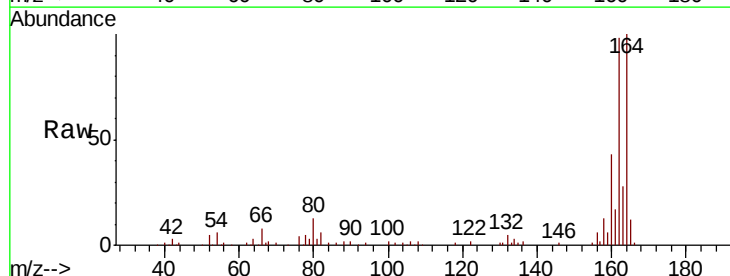
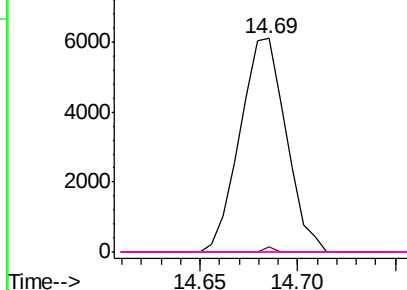
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

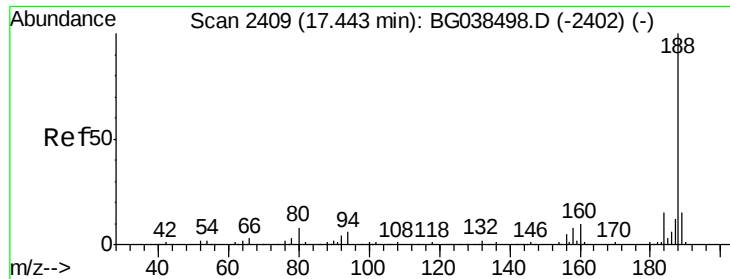


#57
 2,4-Dinitrotoluene
 Concen: 4.951 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG038994.D
 Acq: 8 Jan 2019 13:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

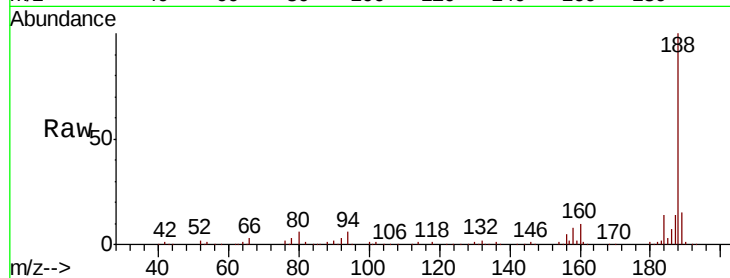




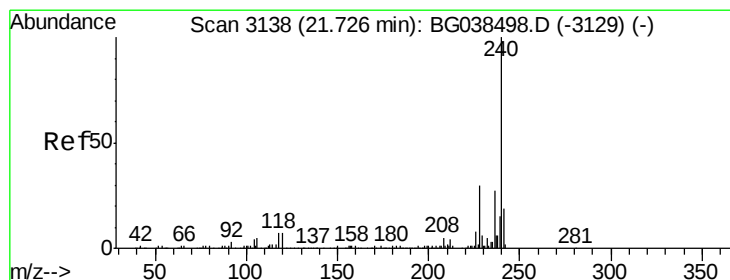
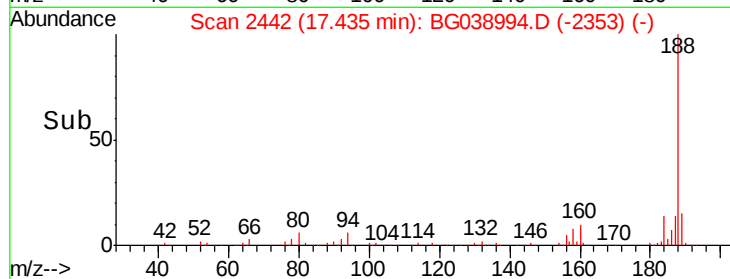
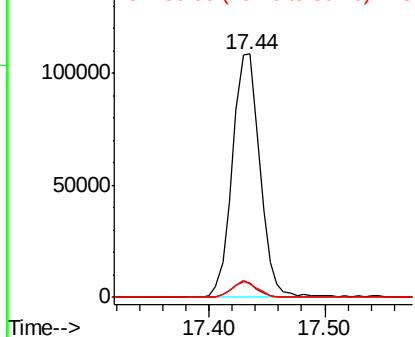
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038994.D
Acq: 8 Jan 2019 13:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 179777
Ion Ratio Lower Upper
188 100
94 5.7 5.1 7.7
80 5.7 6.1 9.1#

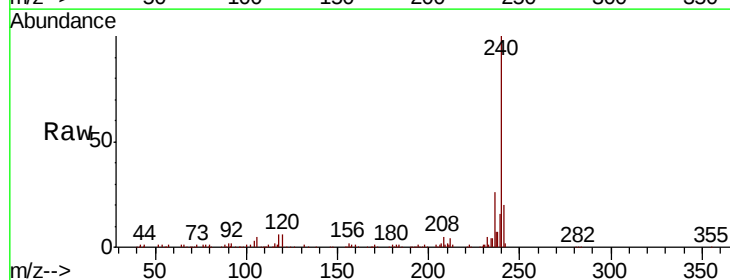


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

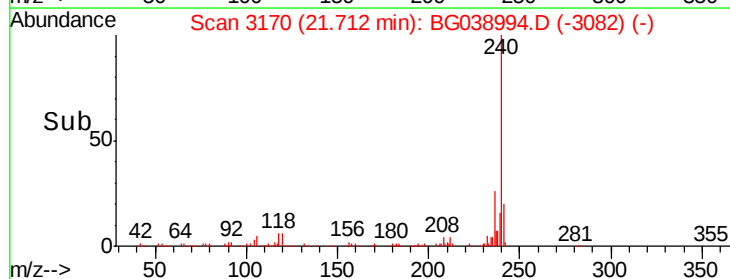
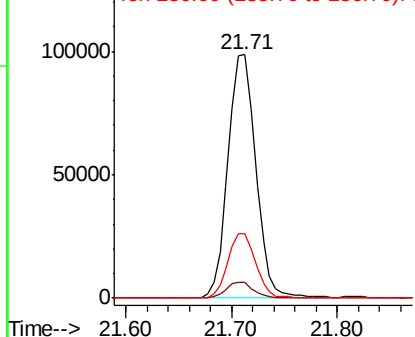


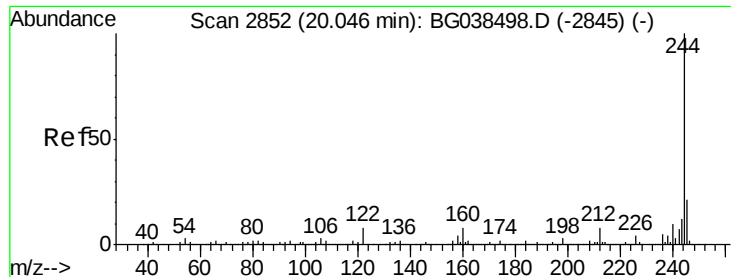
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038994.D
Acq: 8 Jan 2019 13:31

Tgt Ion:240 Resp: 180773
Ion Ratio Lower Upper
240 100
120 6.5 5.3 7.9
236 26.4 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: 70.247 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038994.D

Acq: 8 Jan 2019 13:31

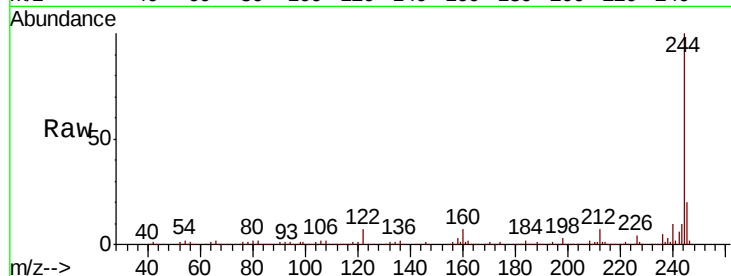
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 583497

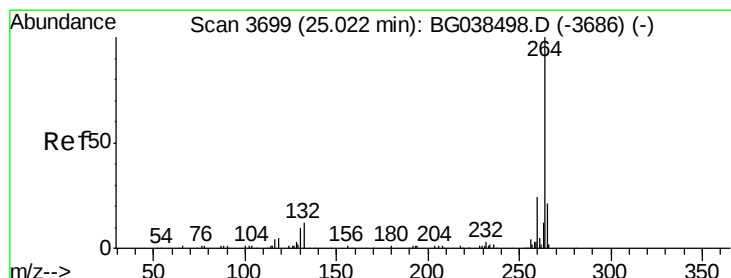
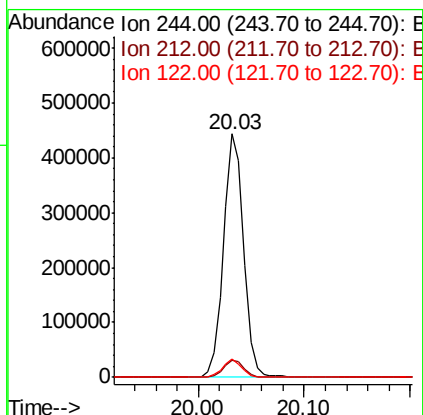
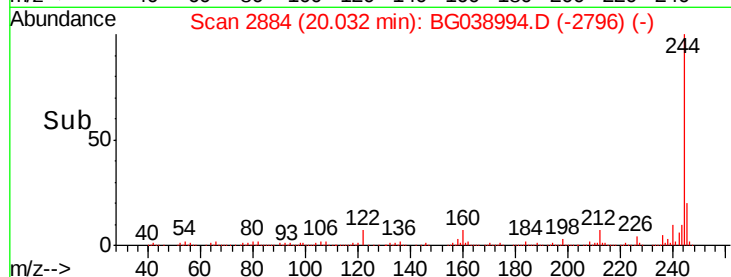
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	7.3	6.3	9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

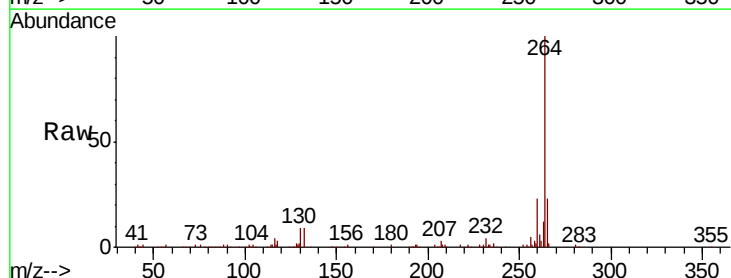
Delta R.T. -0.02 min

Lab File: BG038994.D

Acq: 8 Jan 2019 13:31

Tgt Ion:264 Resp: 190648

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.5	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

