

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038031.D
 Acq On : 16 Nov 2018 13:27
 Operator : JU/SJ
 Sample : J5965-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 15:08:00 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

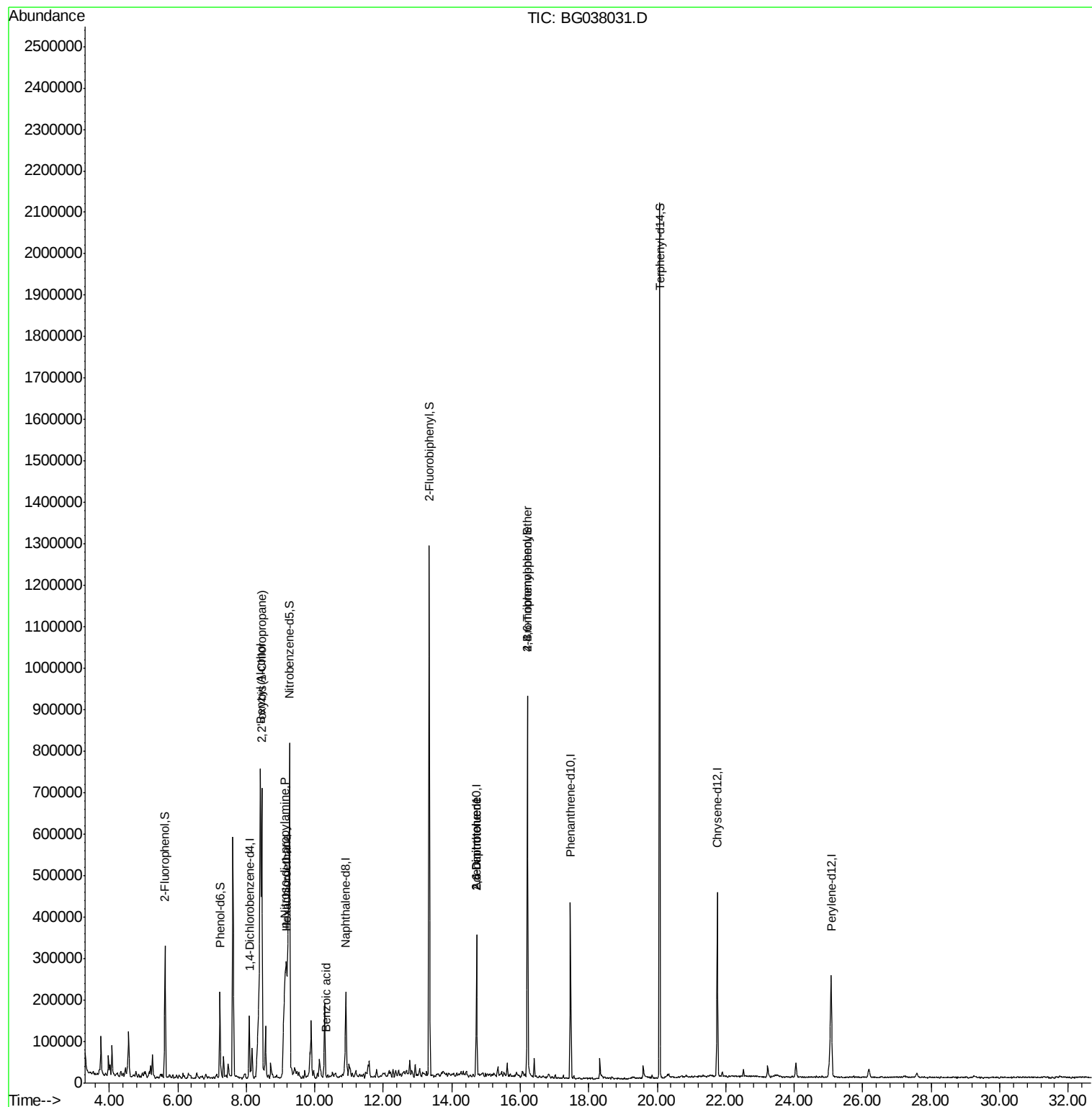
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44374	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	184360	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117625	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	274751	20.00	ng	0.00
76) Chrysene-d12	21.75	240	264684	20.00	ng	0.00
87) Perylene-d12	25.07	264	270458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	147430	57.36	ng	0.00
7) Phenol-d6	7.23	99	131746	35.91	ng	0.00
23) Nitrobenzene-d5	9.26	82	283205	82.23	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	168076	125.29	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	680481	84.28	ng	0.00
79) Terphenyl-d14	20.07	244	1005460	89.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.41	79	6766	2.549	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.45	45	46670	7.923	ng	# 63
18) Hexachloroethane	9.19	117	19756	15.642	ng	# 26
19) n-Nitroso-di-n-propylamine	9.13	70	17946	6.760	ng	# 74
32) Benzoic acid	10.34	122	70	12.364	ng	95
51) 2,6-Dinitrotoluene	14.72	165	15601	7.392	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15601	5.433	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	12366	4.101	ng	# 1

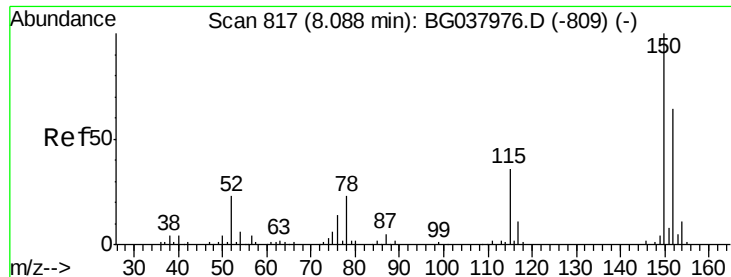
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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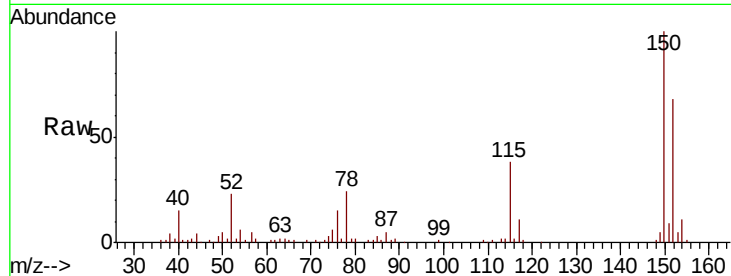


#1

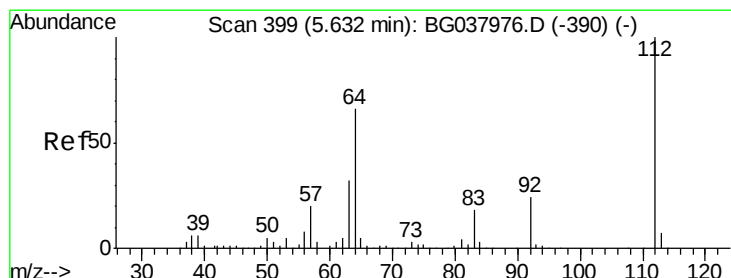
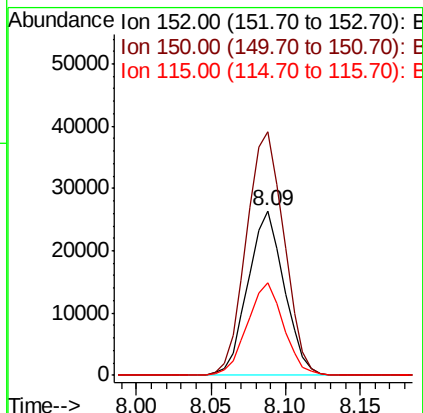
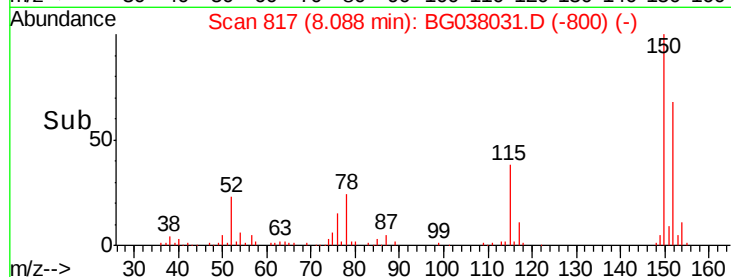
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44374
Ion Ratio Lower Upper
152 100
150 147.7 126.0 189.0
115 56.5 45.5 68.3



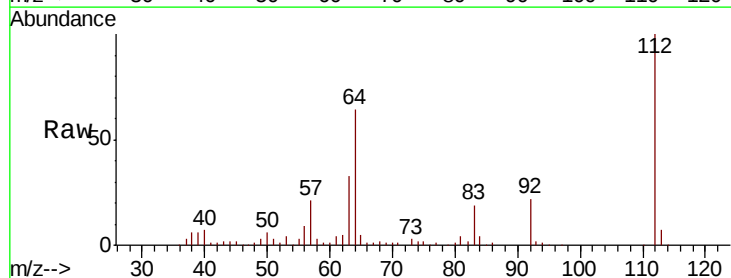
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



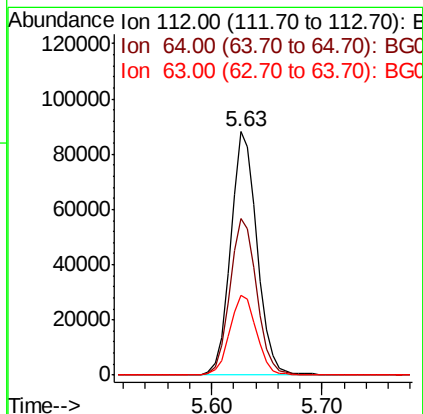
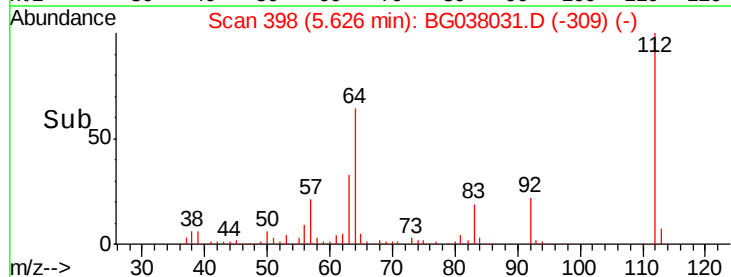
#5

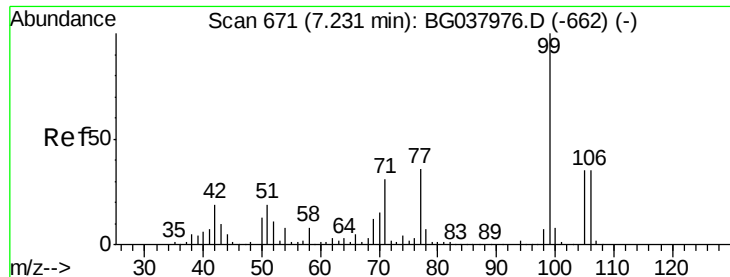
2-Fluorophenol
Concen: 57.364 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Tgt Ion:112 Resp: 147430
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 32.7 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: 35.912 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

Instrument :

BNA_F

ClientSampled :

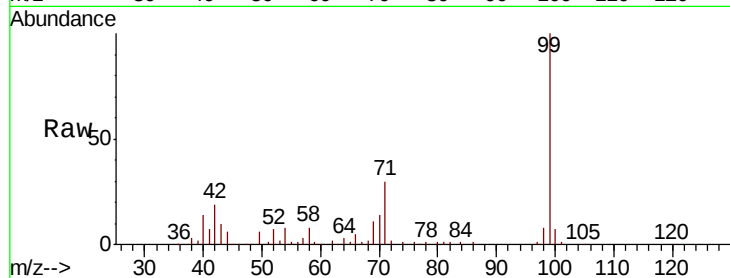
Tot Ion: 99 Resp: 131746

Ion Ratio Lower Upper

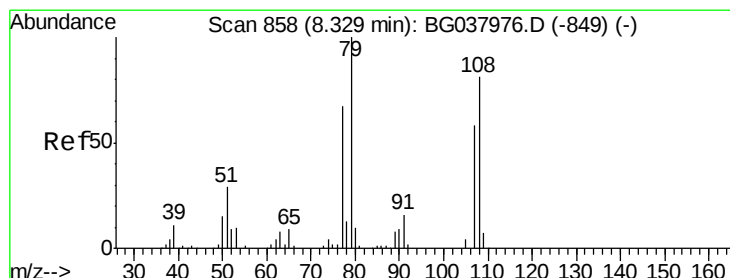
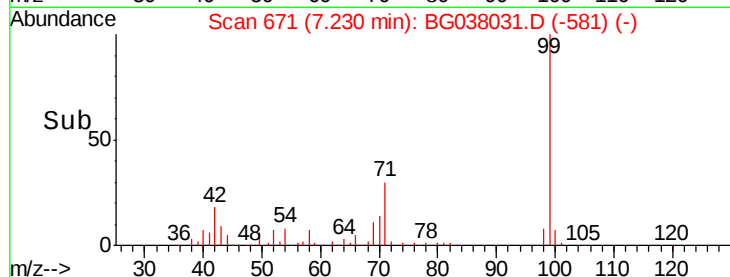
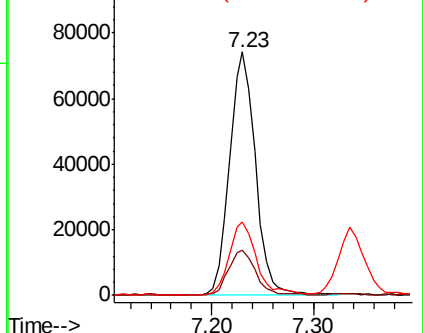
99 100

42 18.6 15.0 22.4

71 30.1 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



#15

Benzyl Alcohol

Concen: 2.549 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.08 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

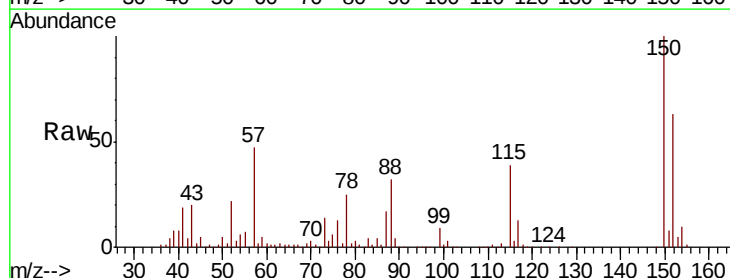
Tgt Ion: 79 Resp: 6766

Ion Ratio Lower Upper

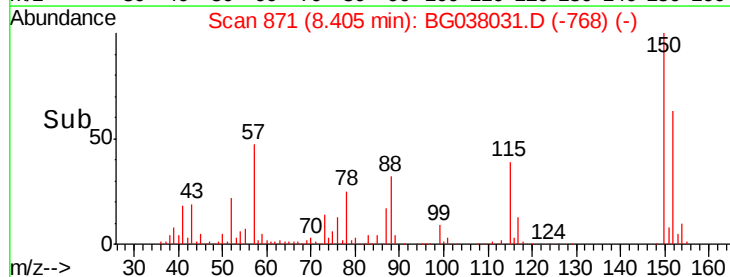
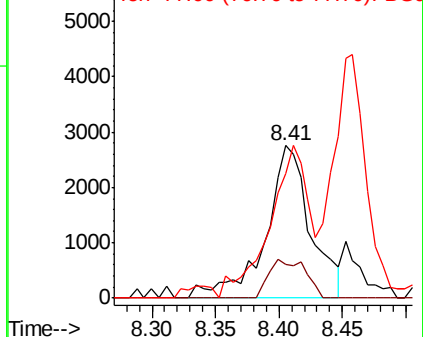
79 100

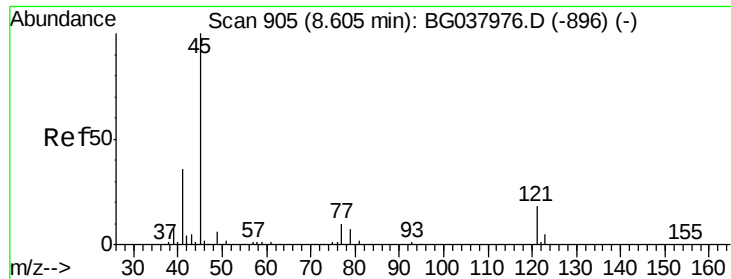
108 21.8 65.8 98.8#

77 82.2 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

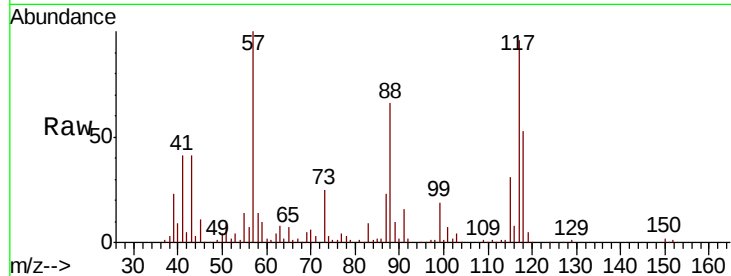




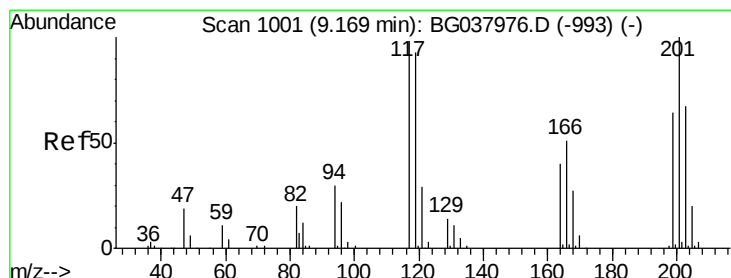
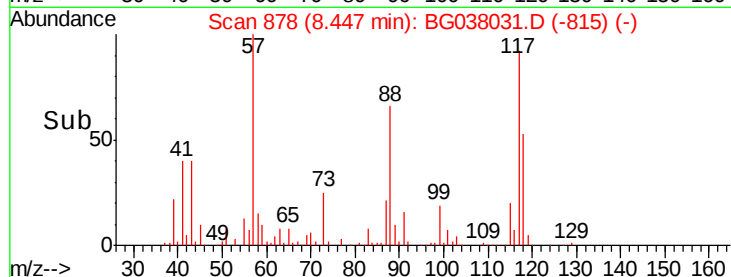
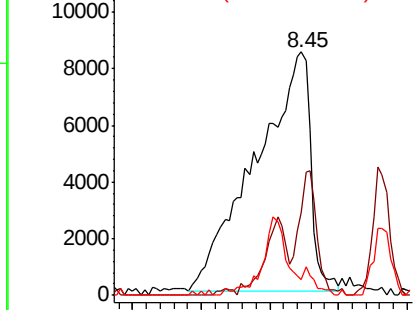
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 7.923 ng
RT: 8.45 min Scan# 878
Delta R.T. -0.16 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 45 Resp: 46670
Ion Ratio Lower Upper
45 100
77 33.9 0.0 30.0#
79 6.7 0.0 29.0

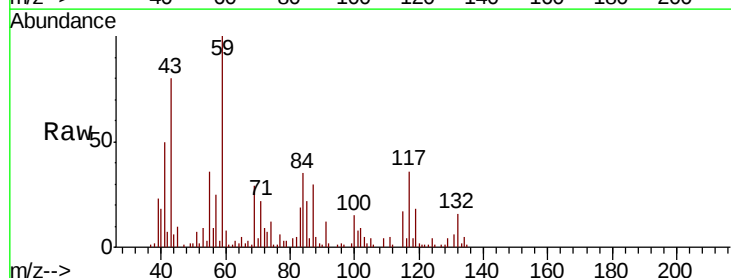


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

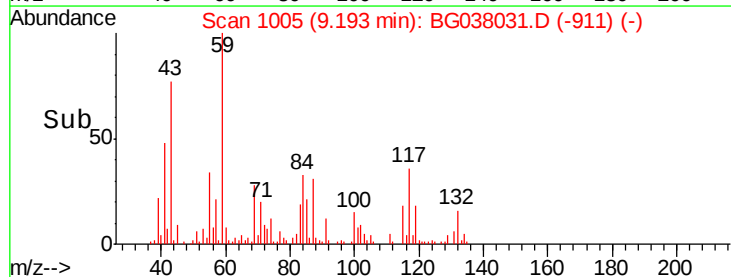
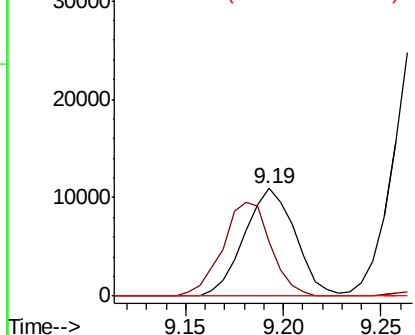


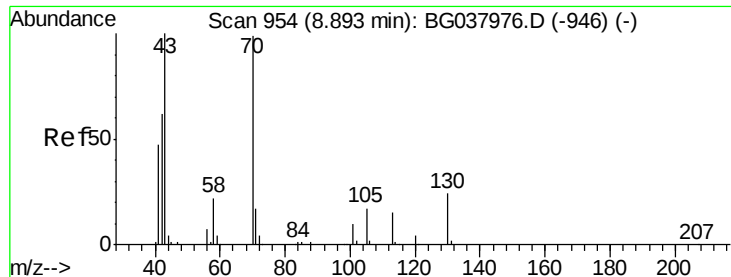
#18
Hexachloroethane
Concen: 15.642 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.02 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Tgt Ion: 117 Resp: 19756
Ion Ratio Lower Upper
117 100
119 50.4 74.6 111.8#
201 0.0 80.8 121.2#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

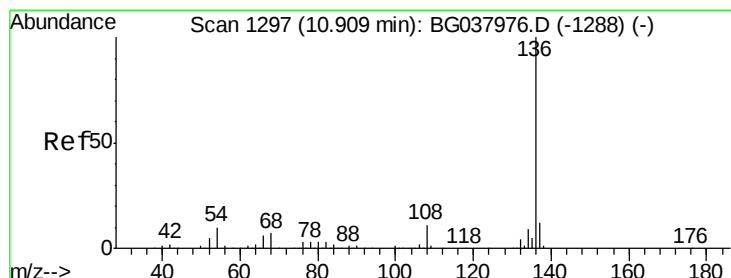
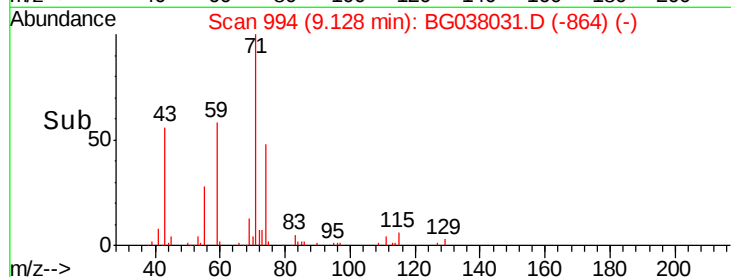
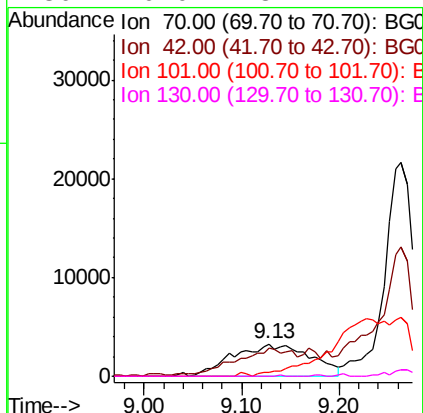
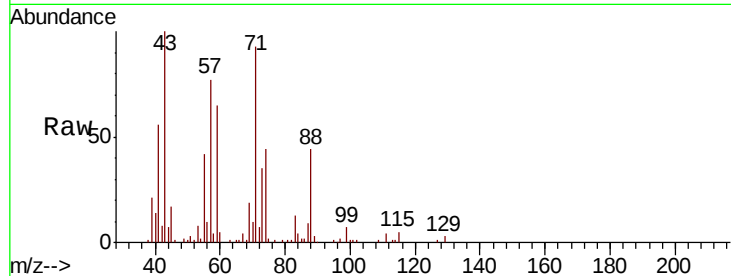




#19
n-Nitroso-di-n-propylamine
Concen: 6.760 ng
RT: 9.13 min Scan# 994
Delta R.T. 0.23 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

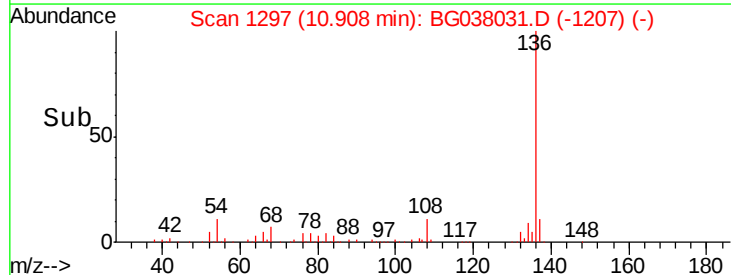
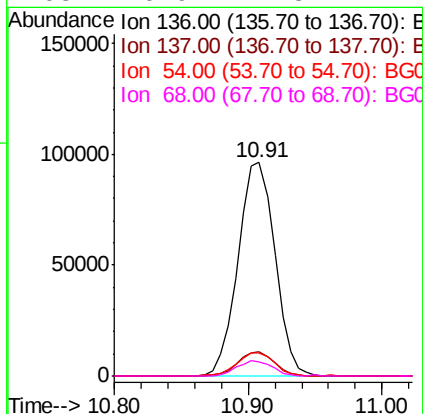
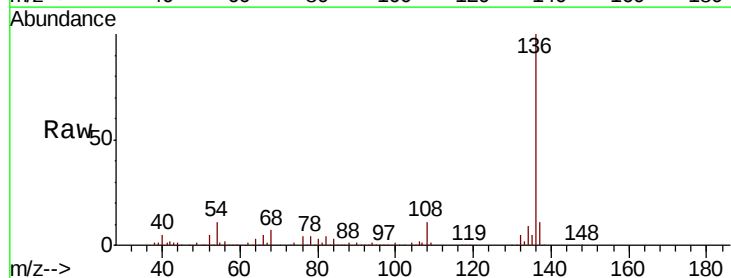
Instrument :
BNA_F
ClientSampleId :

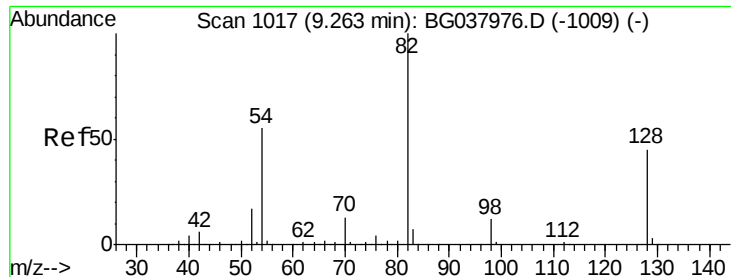
Tot Ion: 70 Resp: 17946
Ion Ratio Lower Upper
70 100
42 85.5 53.9 80.9#
101 10.9 8.2 12.2
130 0.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Tgt Ion: 136 Resp: 184360
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.6 7.9 11.9
68 6.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 82.231 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

Instrument :
BNA_F
ClientSampleId :

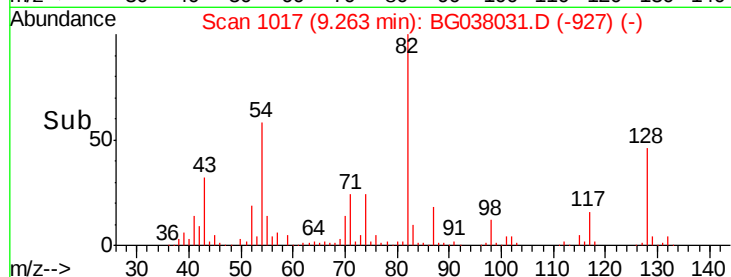
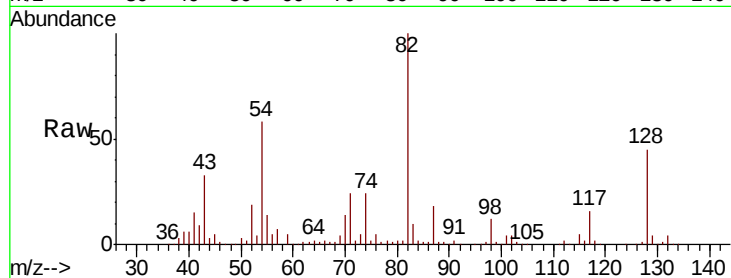
Tot Ion: 82 Resp: 283205

Ion Ratio Lower Upper

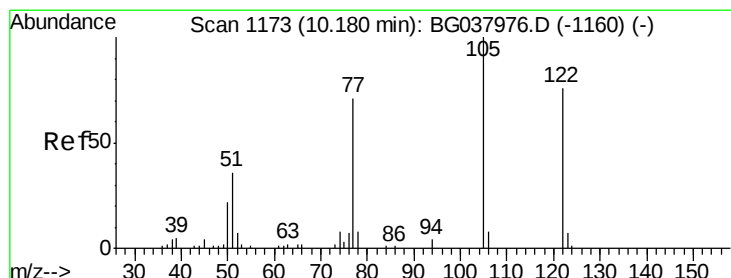
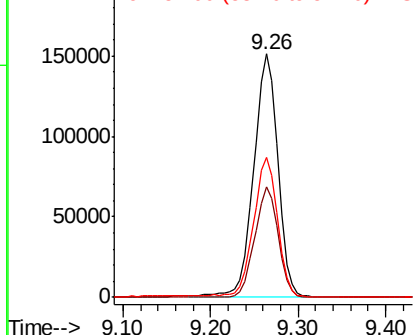
82 100

128 45.5 34.6 51.8

54 57.5 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



#32

Benzoic acid

Concen: 12.364 ng

RT: 10.34 min Scan# 1200

Delta R.T. 0.16 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

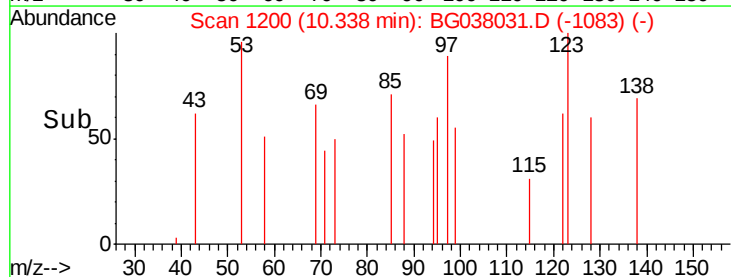
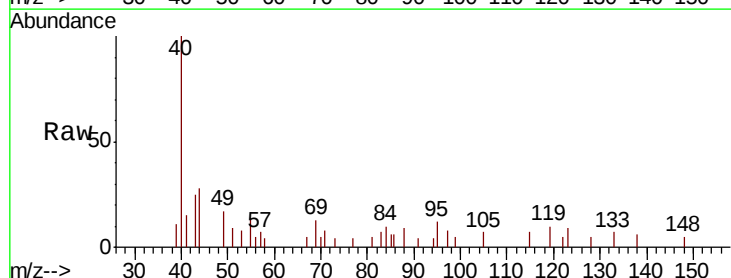
Tgt Ion:122 Resp: 70

Ion Ratio Lower Upper

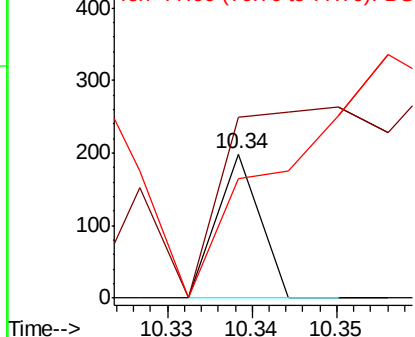
122 100

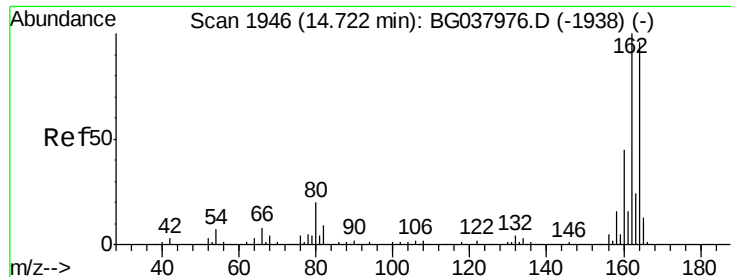
105 125.1 106.7 146.7

77 82.9 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

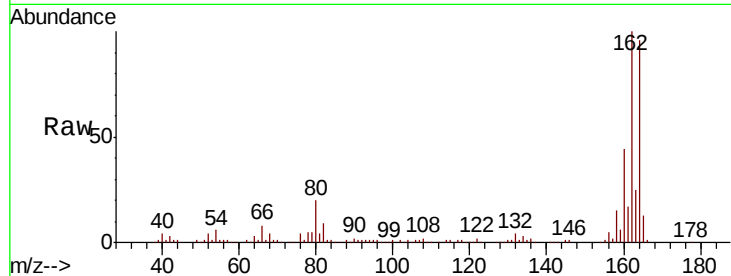




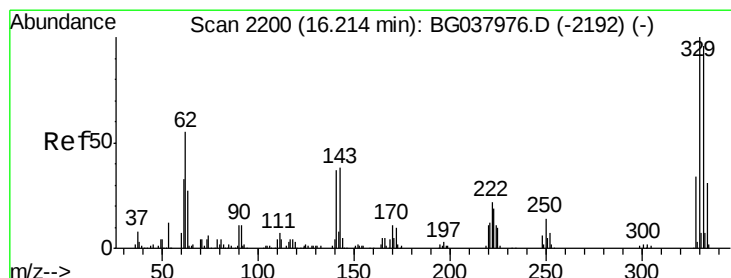
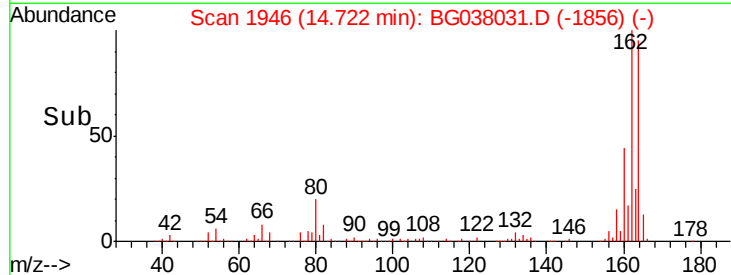
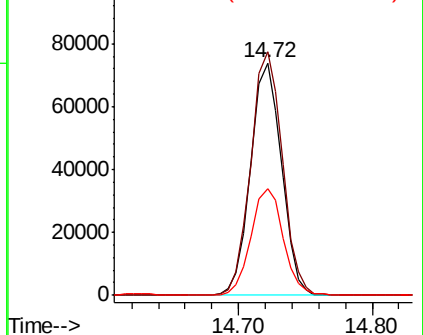
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 117625
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 46.0 36.3 54.5

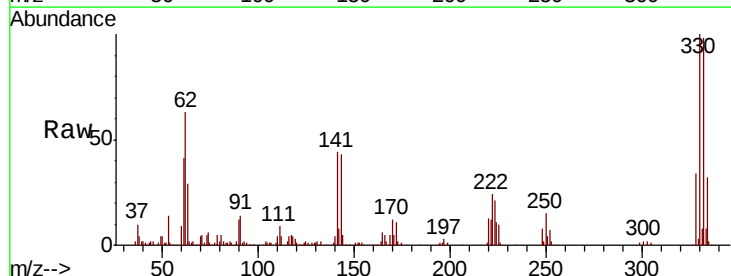


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

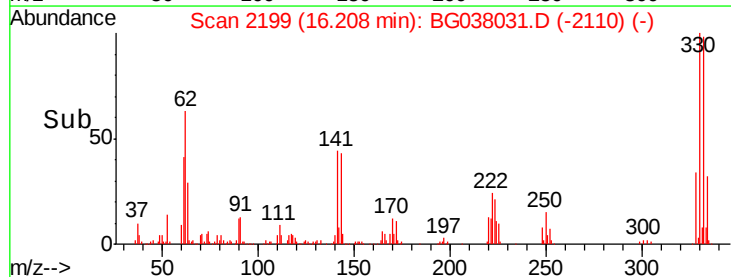
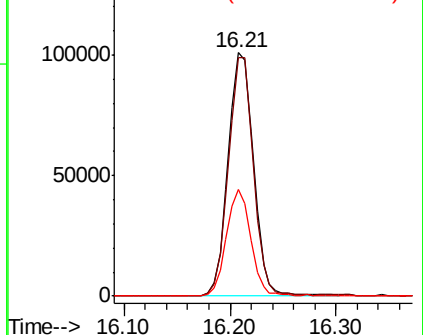


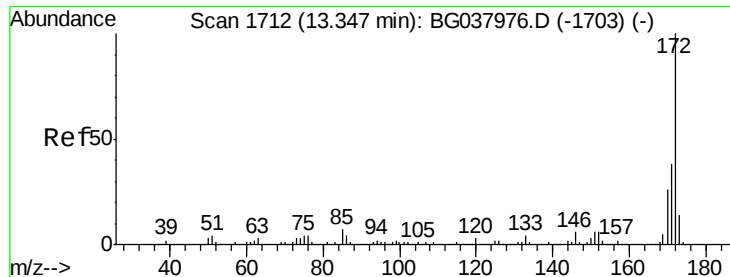
#42
2,4,6-Tribromophenol
Concen: 125.291 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038031.D
Acq: 16 Nov 2018 13:27

Tgt Ion:330 Resp: 168076
Ion Ratio Lower Upper
330 100
332 95.9 78.4 117.6
141 42.3 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

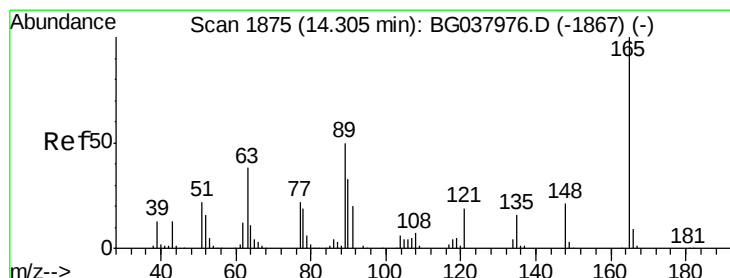
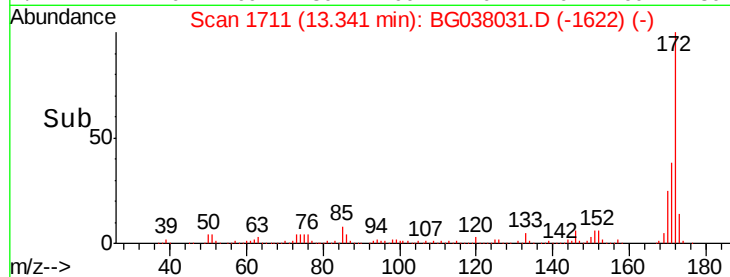
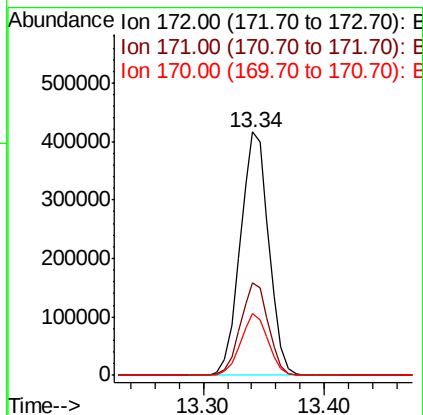
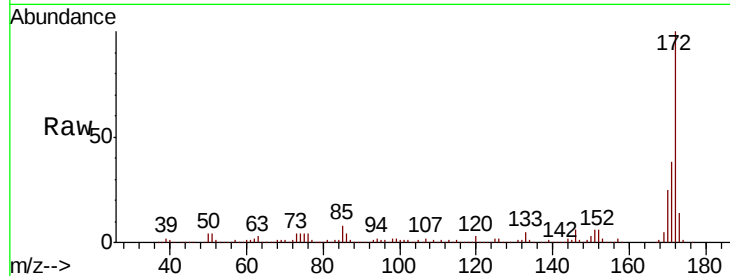




#45
 2-Fluorobiphenyl
 Concen: 84.281 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038031.D
 Acq: 16 Nov 2018 13:27

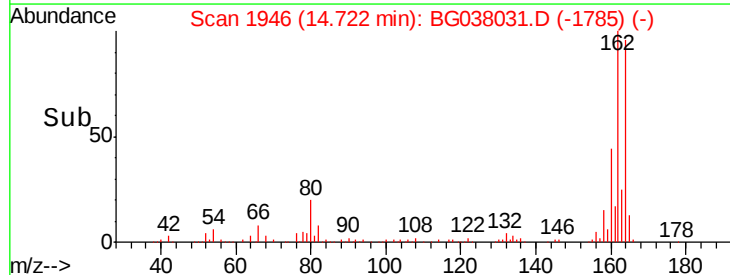
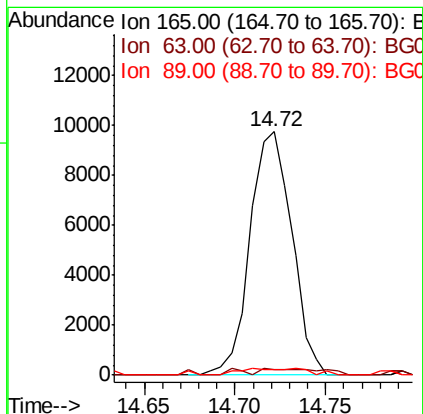
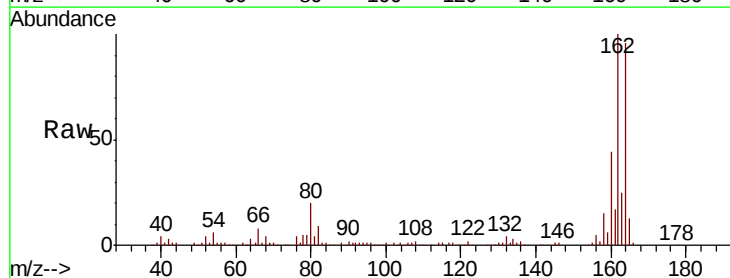
Instrument :
 BNA_F
 ClientSampled :

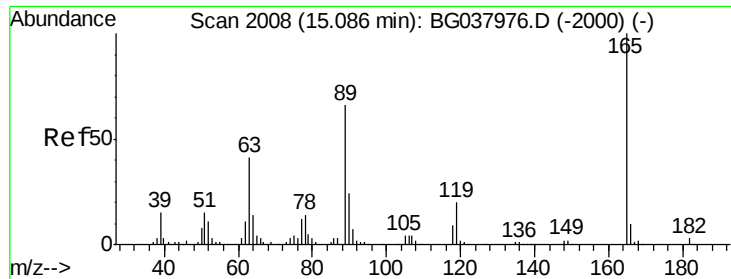
Tot Ion:172 Resp: 680481
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 25.2 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.392 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038031.D
 Acq: 16 Nov 2018 13:27

Tgt Ion:165 Resp: 15601
 Ion Ratio Lower Upper
 165 100
 63 2.4 43.4 65.2#
 89 2.1 45.8 68.6#

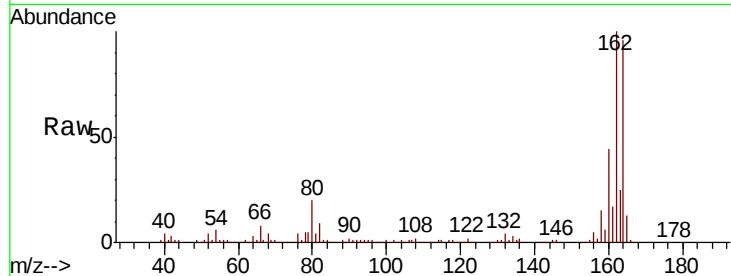




#57
 2,4-Dinitrotoluene
 Concen: 5.433 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038031.D
 Acq: 16 Nov 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#

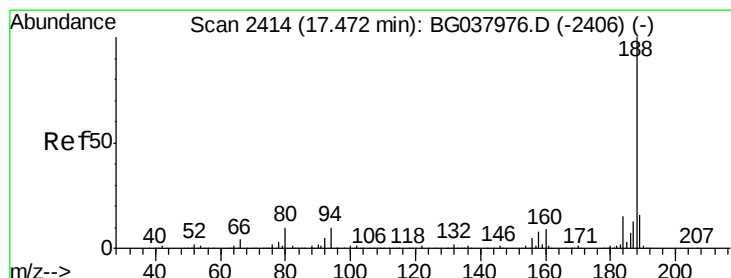
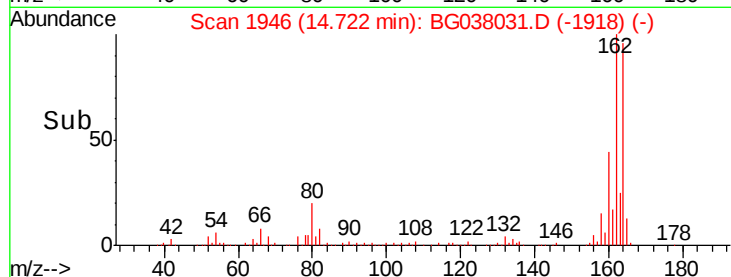
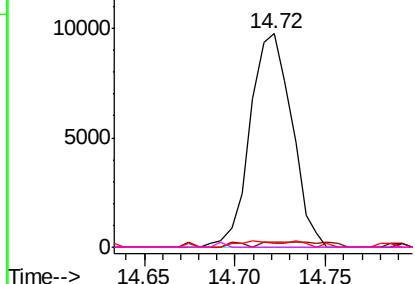


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

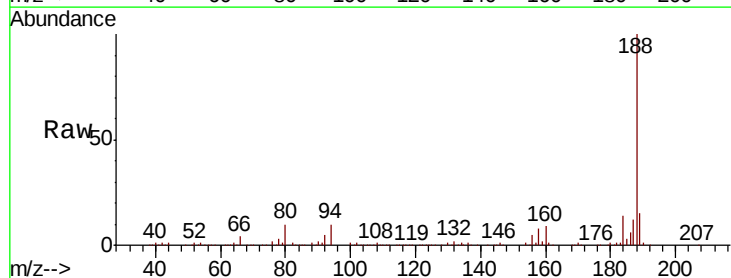
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038031.D
 Acq: 16 Nov 2018 13:27

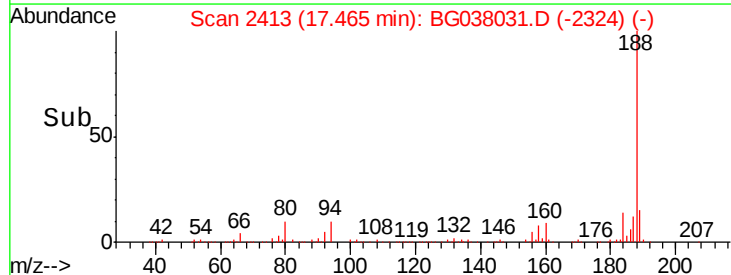
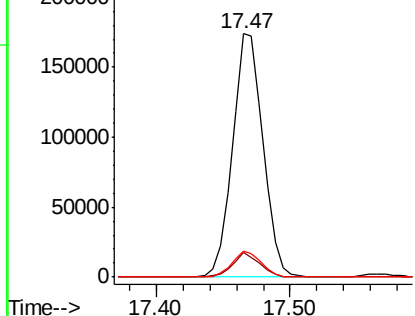
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.5	7.7	11.5

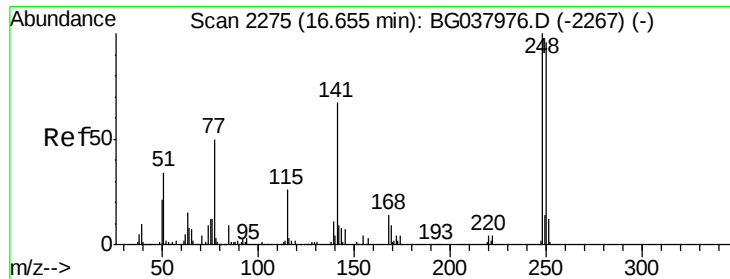


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

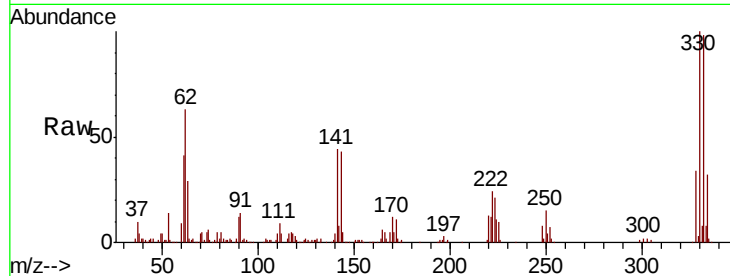




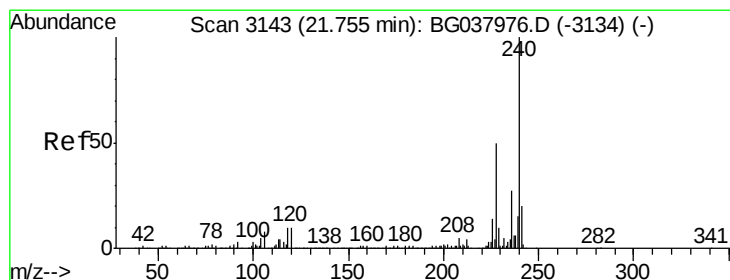
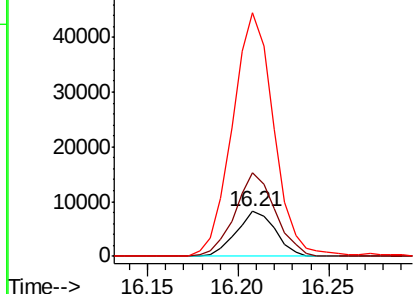
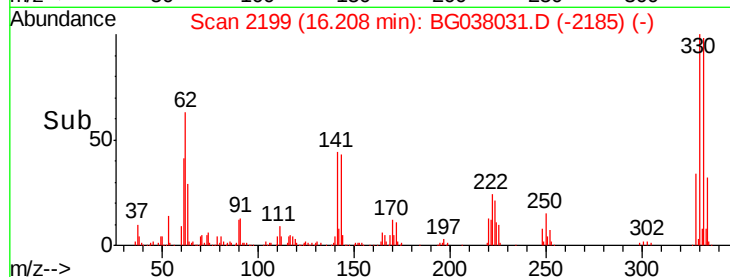
#67
 4-Bromophenyl-phenylether
 Concen: 4.101 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038031.D
 Acq: 16 Nov 2018 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12366
 Ion Ratio Lower Upper
 248 100
 250 188.1 77.0 115.6#
 141 427.5 55.5 83.3#

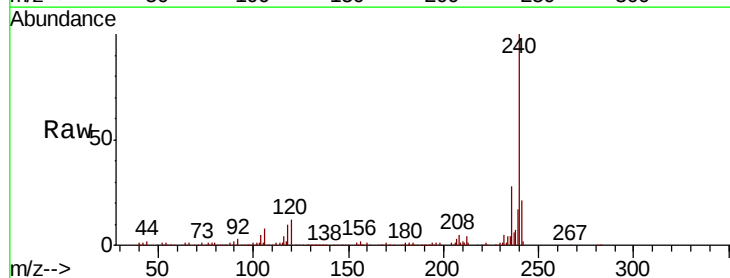


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

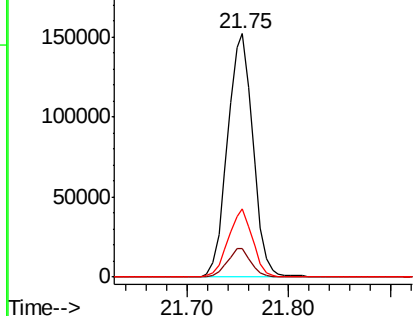
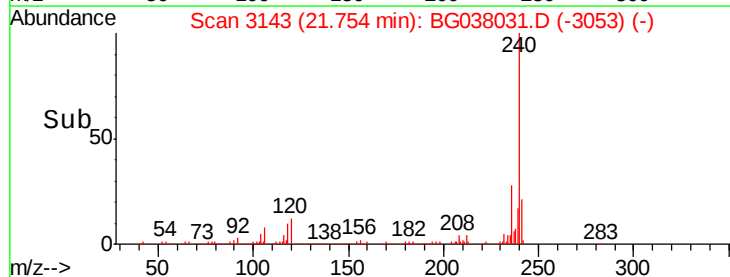


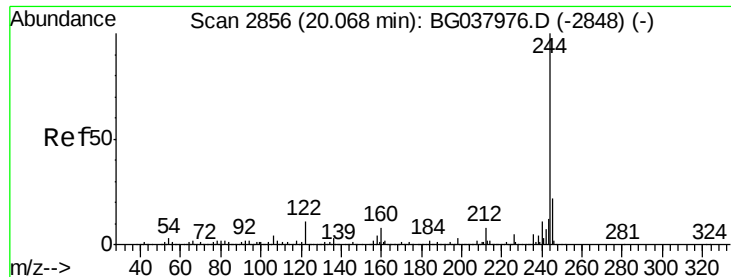
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG038031.D
 Acq: 16 Nov 2018 13:27

Tgt Ion:240 Resp: 264684
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.1 12.1
 236 27.8 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: 89.384 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

Instrument :

BNA_F

ClientSampleId :

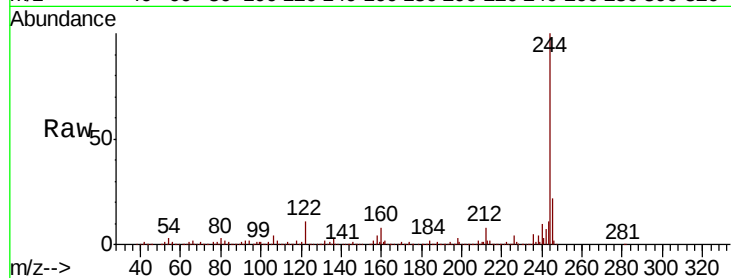
Tot Ion:244 Resp: 1005460

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

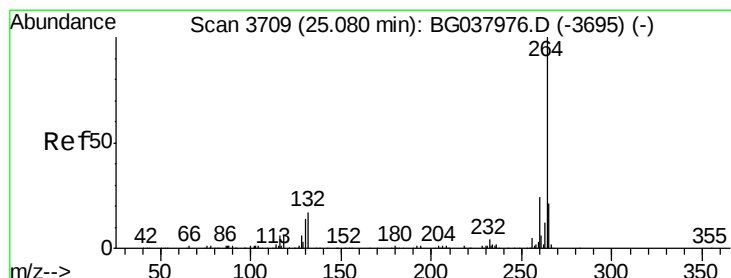
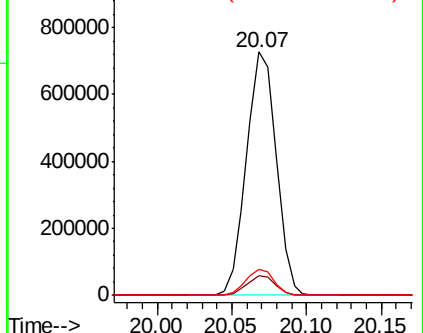
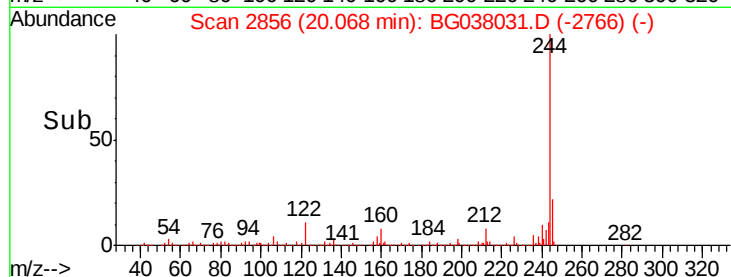
122 10.9 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038031.D

Acq: 16 Nov 2018 13:27

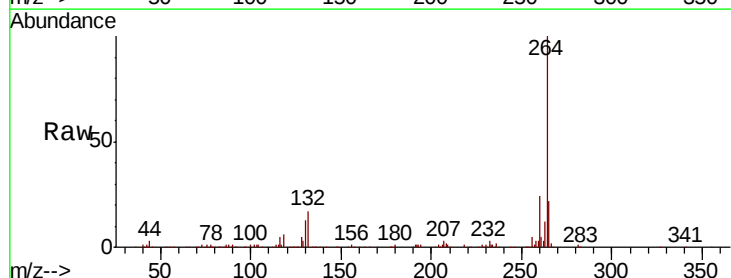
Tgt Ion:264 Resp: 270458

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.0 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

