

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038802.D
 Acq On : 22 Dec 2018 1:21
 Operator : JU/SJ
 Sample : J6501-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-221

Quant Time: Dec 22 03:40:09 2018
 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

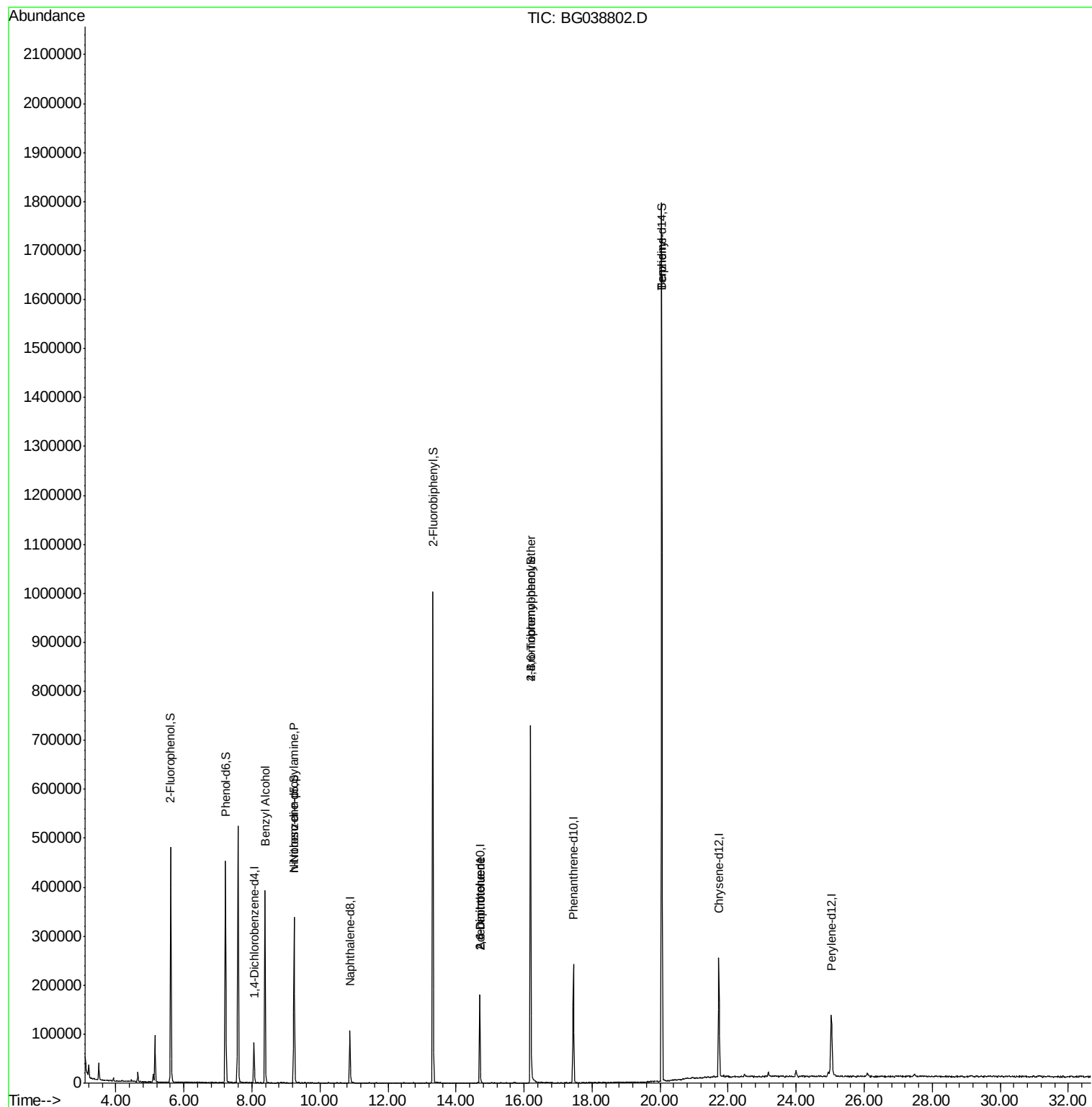
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23711	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98032	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69697	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	166616	20.00	ng	0.00
76) Chrysene-d12	21.73	240	162570	20.00	ng	0.00
87) Perylene-d12	25.03	264	169066	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	204785	153.19	ng	0.01
7) Phenol-d6	7.22	99	260548	141.97	ng	0.01
23) Nitrobenzene-d5	9.24	82	199754	104.10	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	166755	173.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	548085	107.88	ng	0.00
79) Terphenyl-d14	20.05	244	949882	127.16	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3535	2.468	ng	# 38
19) n-Nitroso-di-n-propylamine	9.24	70	26114	20.260	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	9183	7.120	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9183	5.055	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	11032	5.422	ng	# 1
77) Benzidine	20.05	184	16036	3.335	ng	# 93

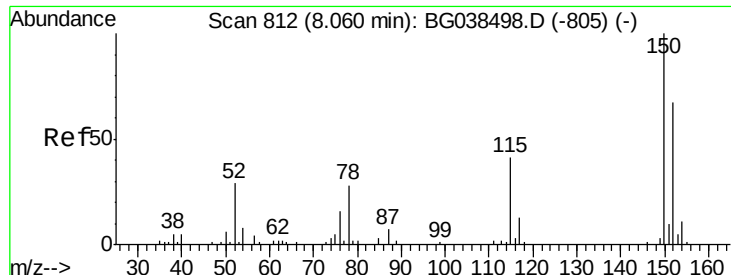
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



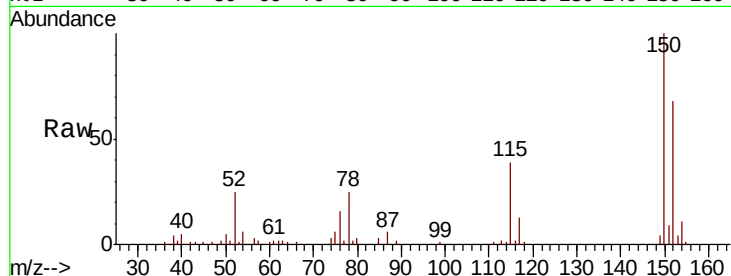


#1

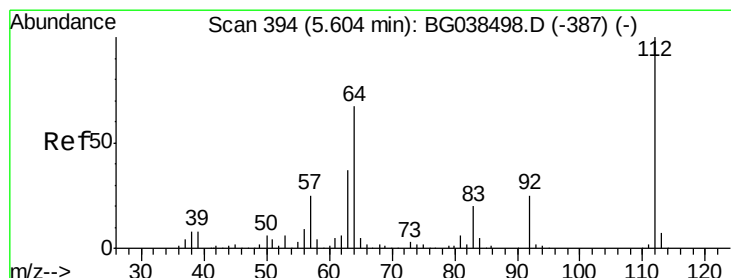
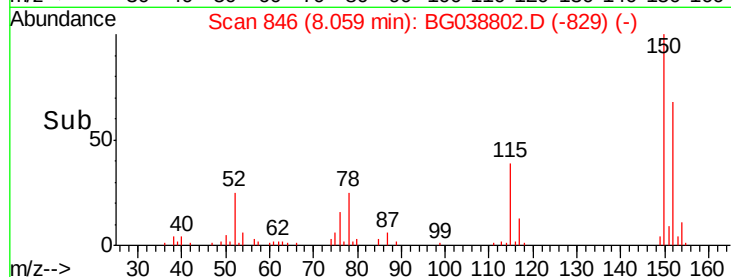
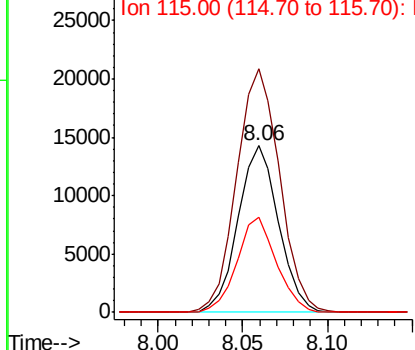
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038802.D
Acq: 22 Dec 2018 1:21

Instrument :
BNA_G
ClientSampleId :
VNJ-221

Tgt Ion:152 Resp: 23711
Ion Ratio Lower Upper
152 100
150 146.1 119.5 179.3
115 57.3 49.6 74.4



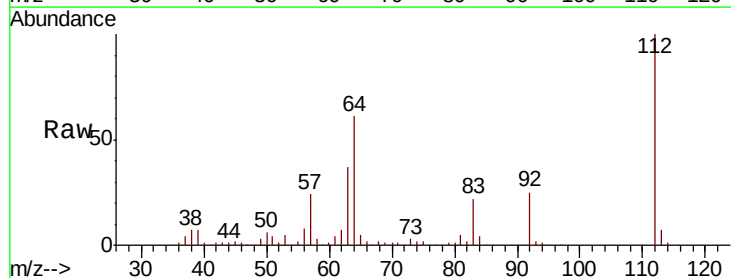
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



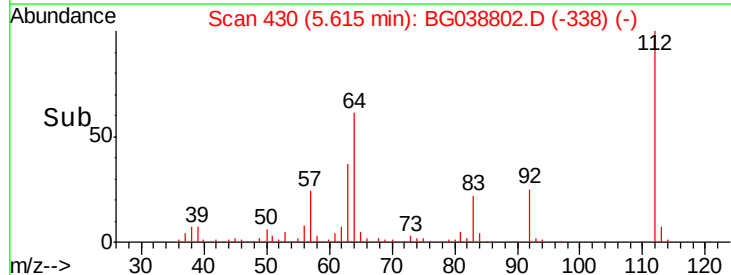
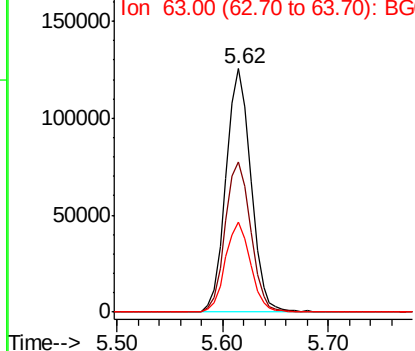
#5

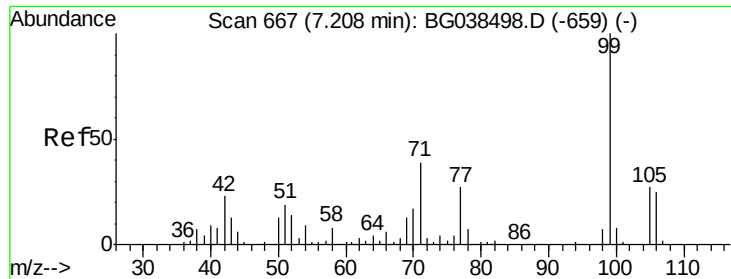
2-Fluorophenol
Concen: 153.185 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038802.D
Acq: 22 Dec 2018 1:21

Tgt Ion:112 Resp: 204785
Ion Ratio Lower Upper
112 100
64 61.5 53.4 80.2
63 37.1 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: 141.970 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038802.D

Acq: 22 Dec 2018 1:21

Instrument :

BNA_G

ClientSampleId :

VNJ-221

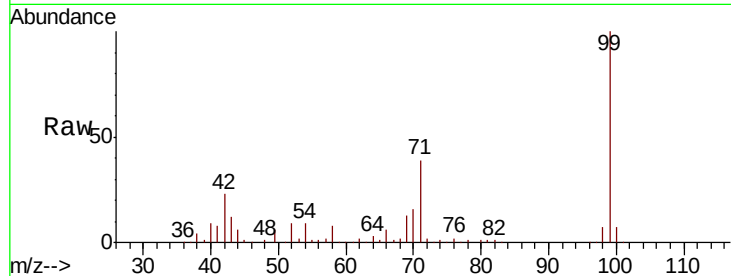
Tgt Ion: 99 Resp: 260548

Ion Ratio Lower Upper

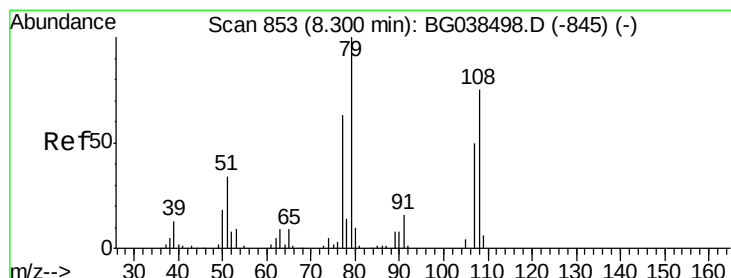
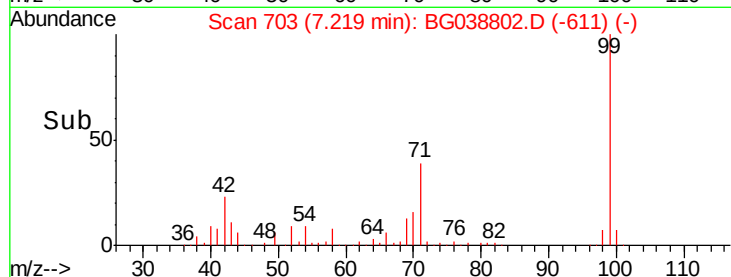
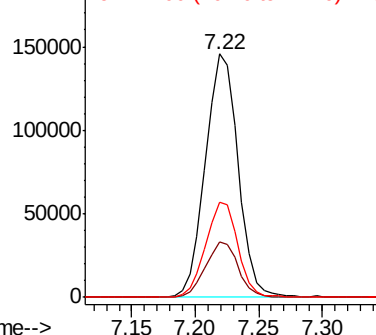
99 100

42 22.7 18.5 27.7

71 38.9 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



#15

Benzyl Alcohol

Concen: 2.468 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038802.D

Acq: 22 Dec 2018 1:21

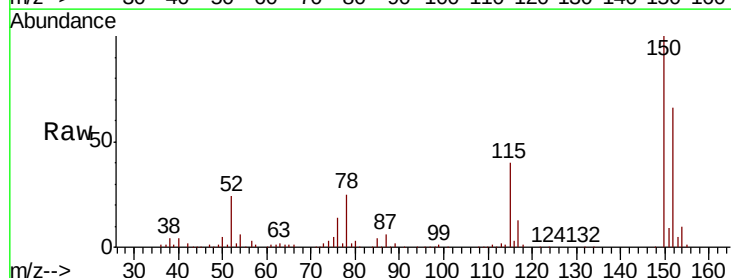
Tgt Ion: 79 Resp: 3535

Ion Ratio Lower Upper

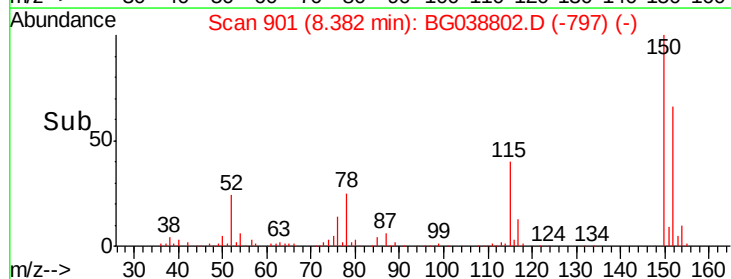
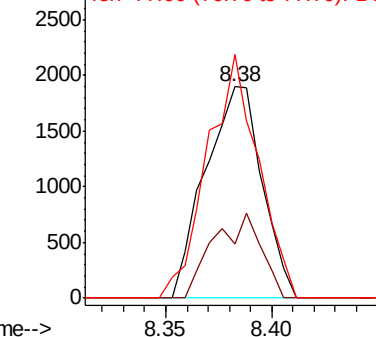
79 100

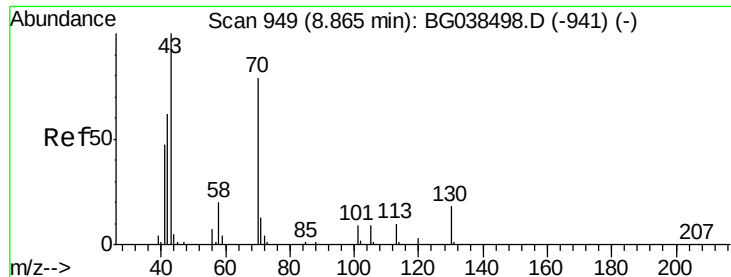
108 25.7 60.2 90.4#

77 115.2 50.7 76.1#



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

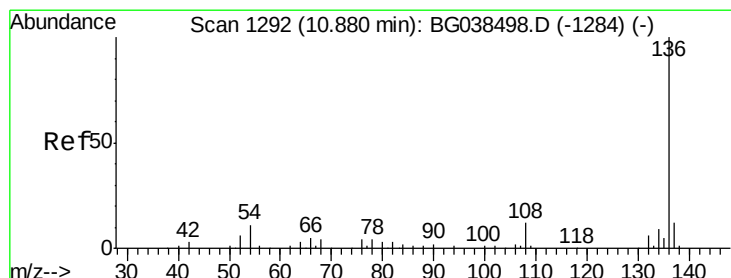
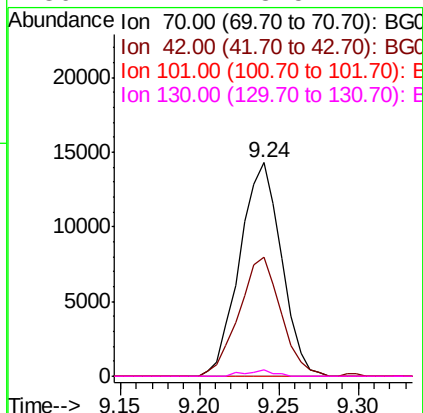
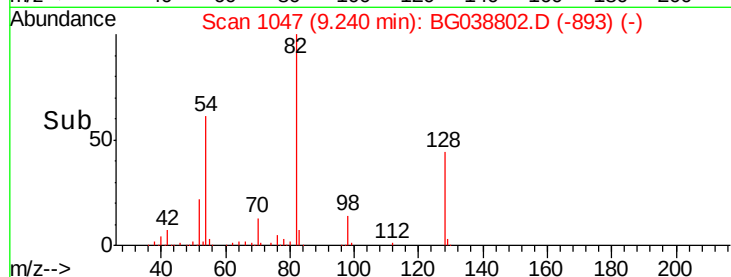
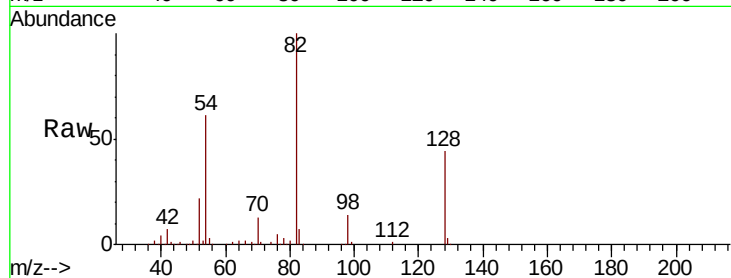




#19
n-Nitroso-di-n-propylamine
Concen: 20.260 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.38 min
Lab File: BG038802.D
Acq: 22 Dec 2018 1:21

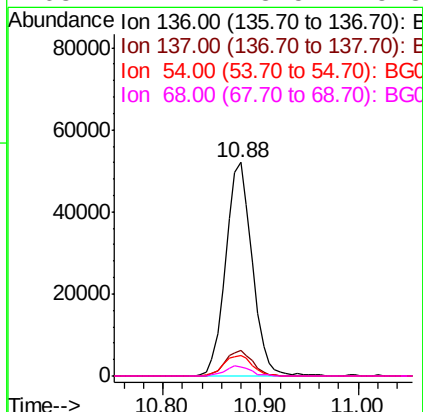
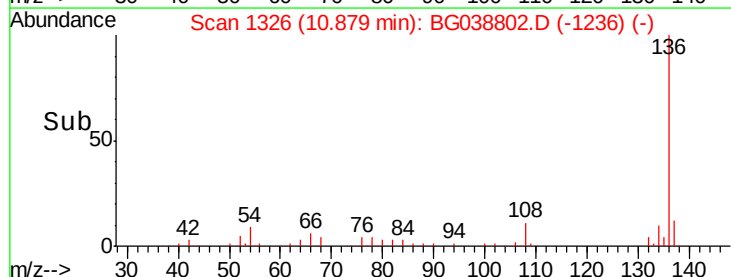
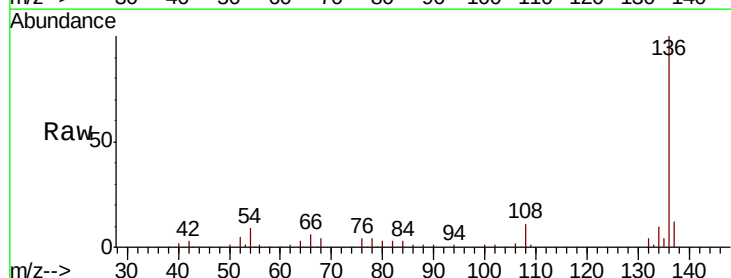
Instrument :
BNA_G
ClientSampleId :
VNJ-221

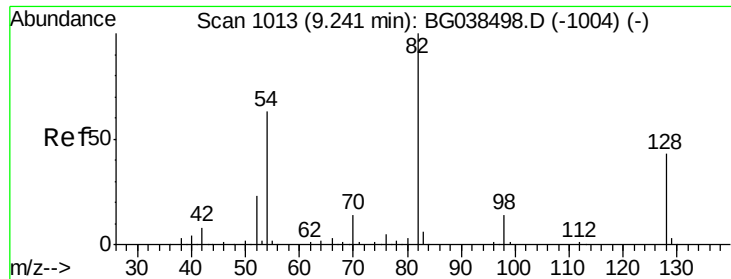
Tgt Ion: 70 Resp: 26114
Ion Ratio Lower Upper
70 100
42 55.5 63.6 95.4#
101 0.0 9.2 13.8#
130 2.7 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038802.D
Acq: 22 Dec 2018 1:21

Tgt Ion: 136 Resp: 98032
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 9.3 8.5 12.7
68 4.1 3.5 5.3

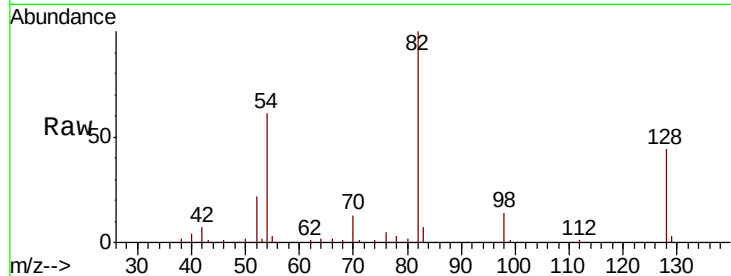




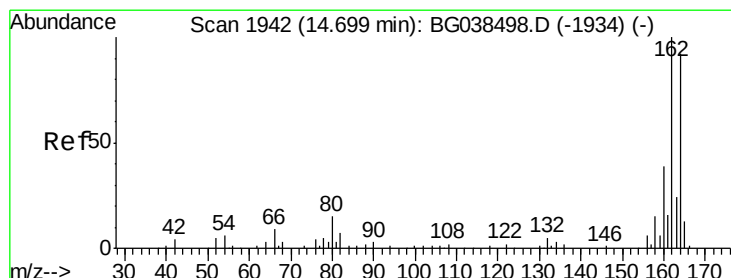
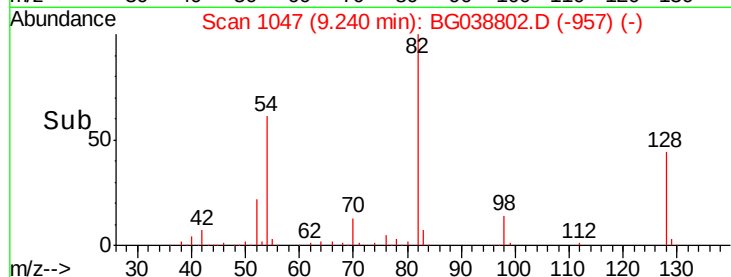
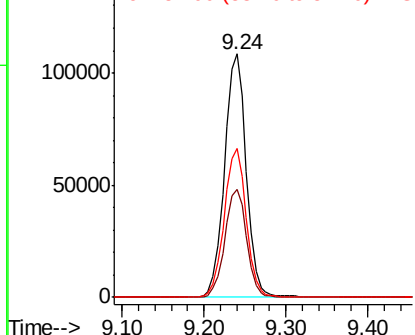
#23
 Nitrobenzene-d5
 Concen: 104.097 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038802.D
 Acq: 22 Dec 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-221

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	61.1	50.6	76.0

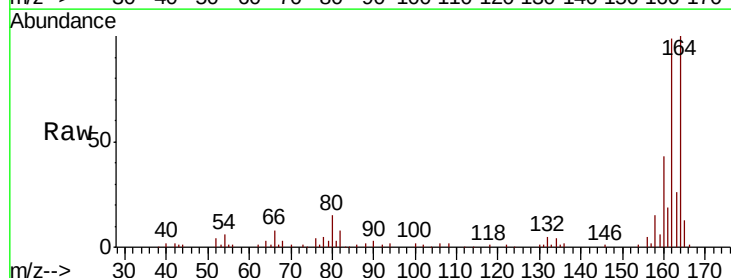


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

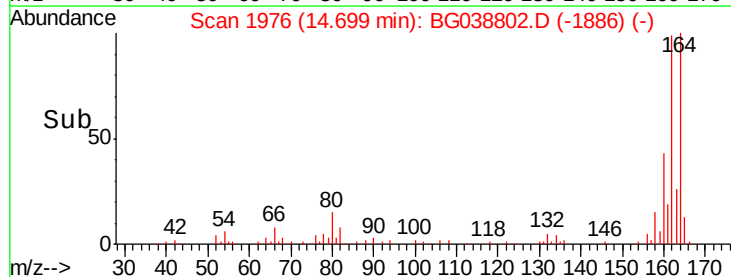
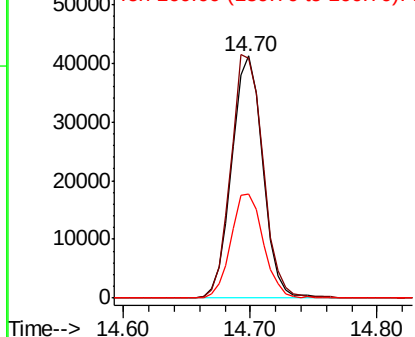


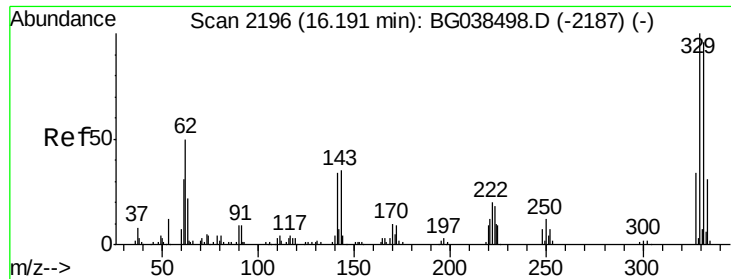
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038802.D
 Acq: 22 Dec 2018 1:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	86.6	130.0
160	43.1	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

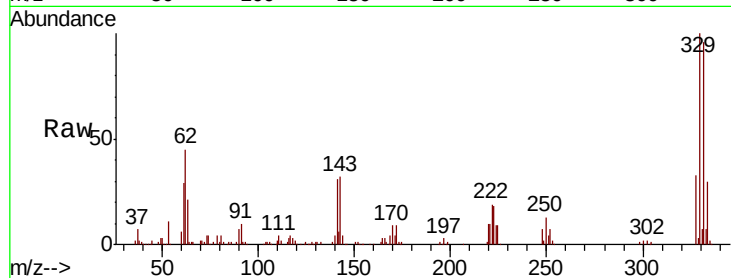




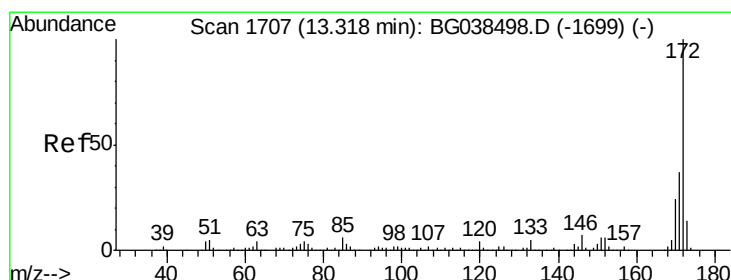
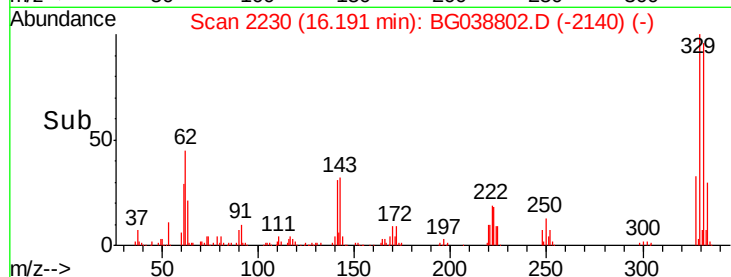
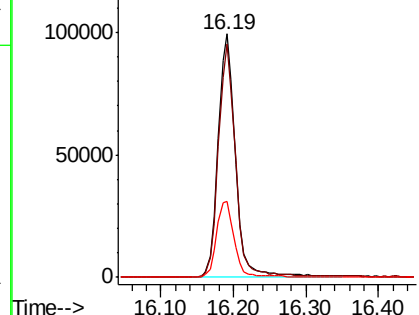
#42
 2,4,6-Tribromophenol
 Concen: 173.604 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038802.D
 Acq: 22 Dec 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-221

Tgt Ion:330 Resp: 166755
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.9 115.3
 141 32.0 28.8 43.2

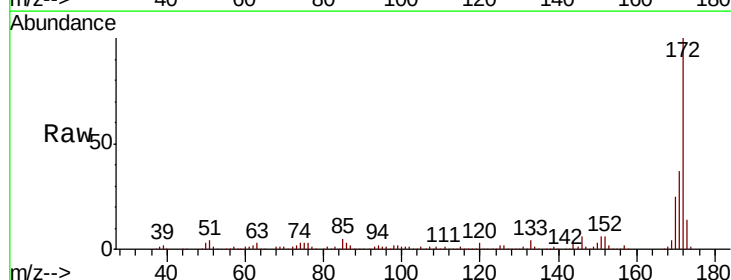


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

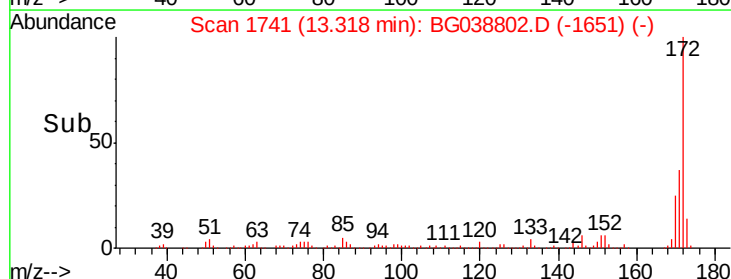
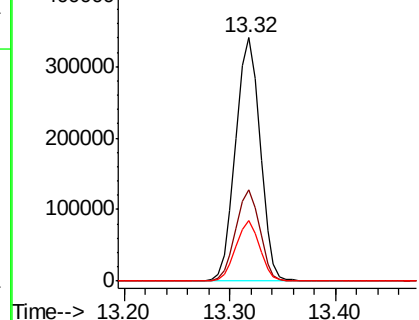


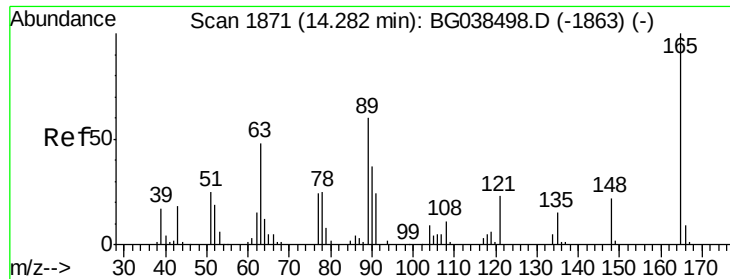
#45
 2-Fluorobiphenyl
 Concen: 107.880 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038802.D
 Acq: 22 Dec 2018 1:21

Tgt Ion:172 Resp: 548085
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.0 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

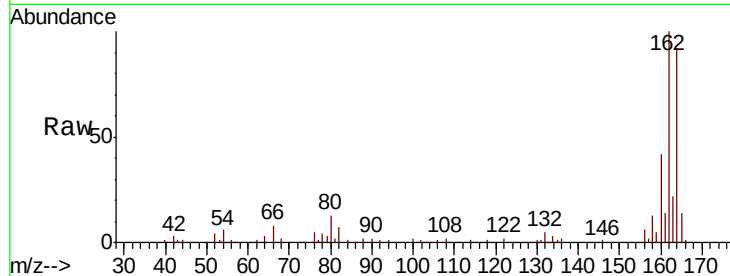




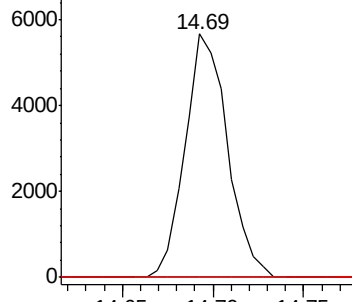
#51
 2,6-Dinitrotoluene
 Concen: 7.120 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038802.D
 Acq: 22 Dec 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-221

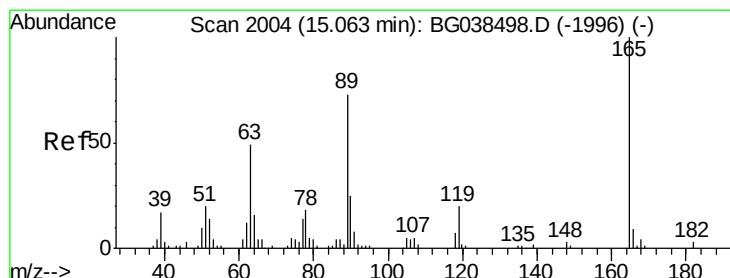
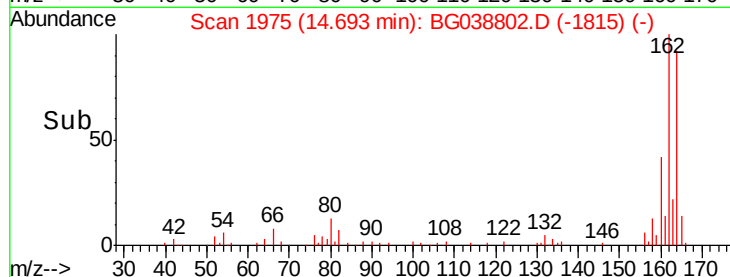
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



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

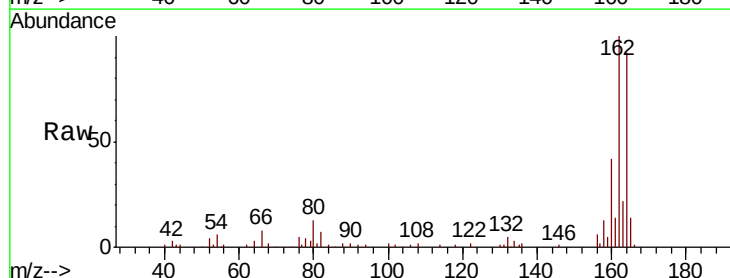


Time-->

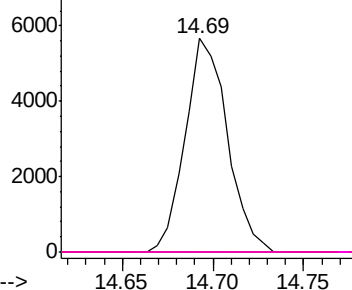


#57
 2,4-Dinitrotoluene
 Concen: 5.055 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038802.D
 Acq: 22 Dec 2018 1:21

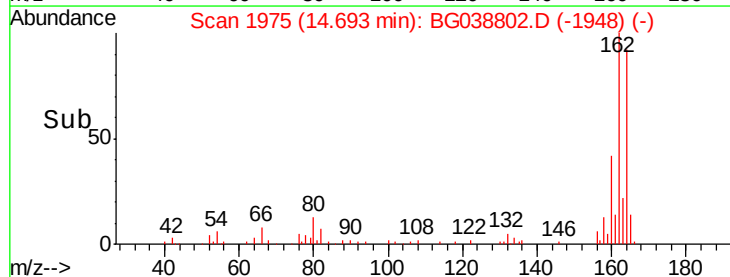
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

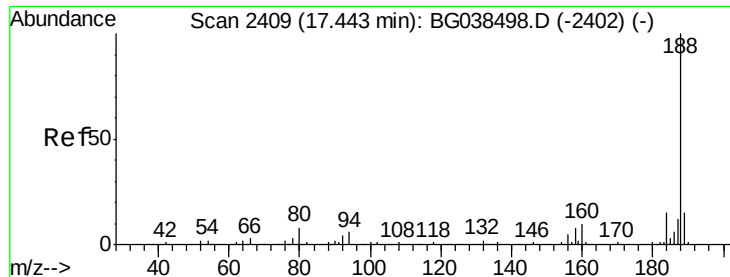


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



Time-->

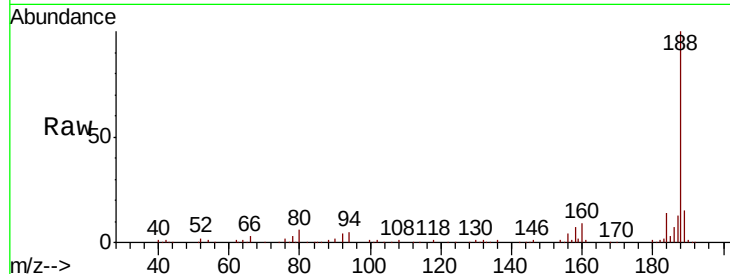




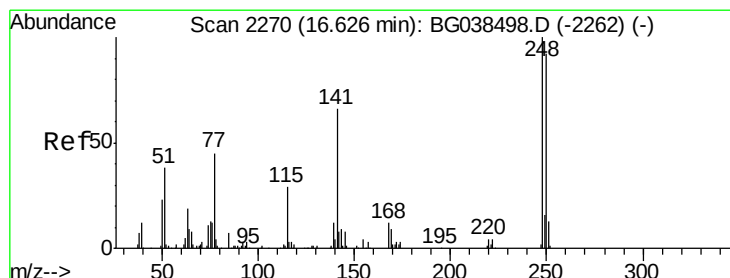
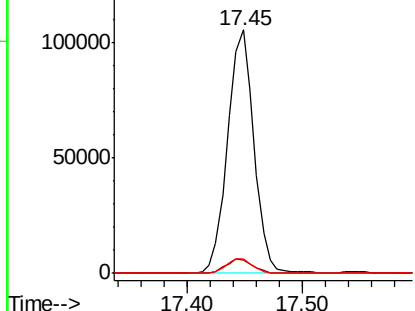
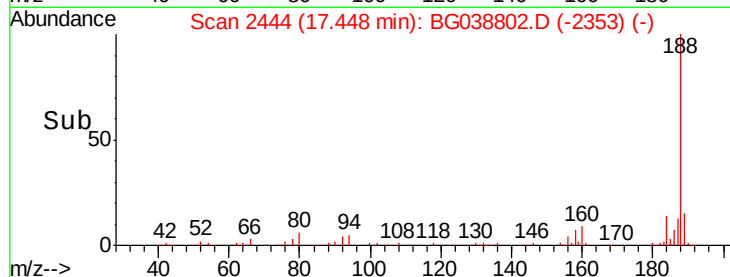
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG038802.D
Acq: 22 Dec 2018 1:21

Instrument :
BNA_G
ClientSampled :
VNJ-221

Tgt Ion:188 Resp: 166616
Ion Ratio Lower Upper
188 100
94 5.4 5.1 7.7
80 6.1 6.1 9.1

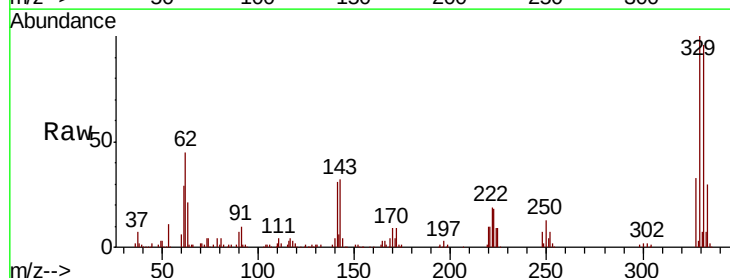


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

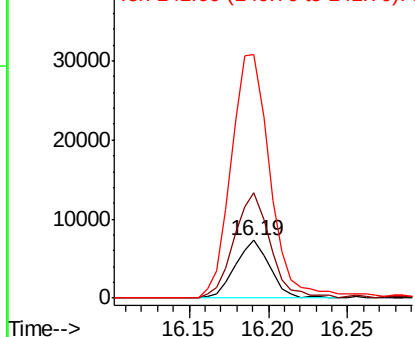
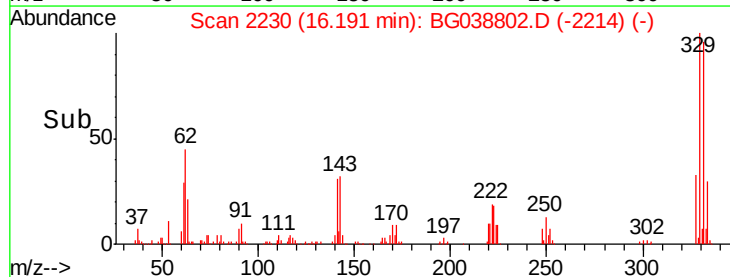


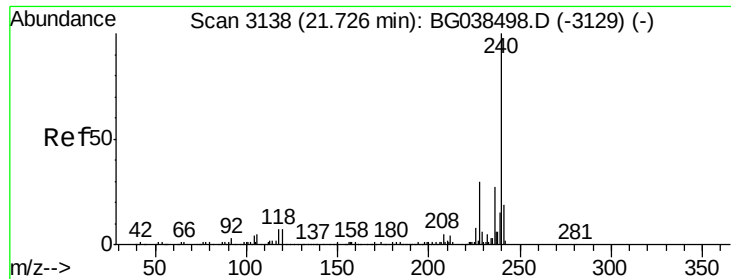
#67
4-Bromophenyl-phenylether
Concen: 5.422 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.44 min
Lab File: BG038802.D
Acq: 22 Dec 2018 1:21

Tgt Ion:248 Resp: 11032
Ion Ratio Lower Upper
248 100
250 180.4 73.4 110.2#
141 325.5 52.9 79.3#



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

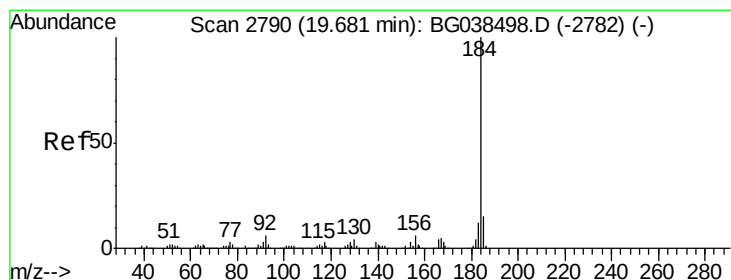
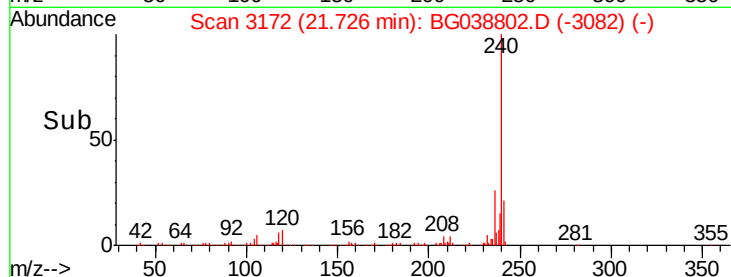
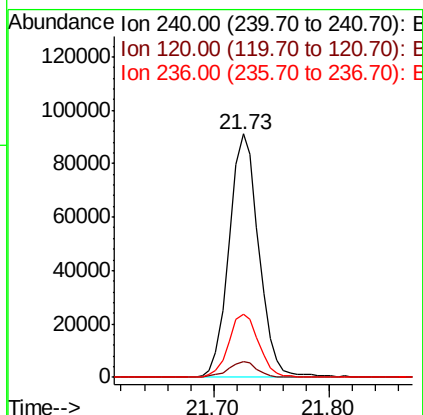
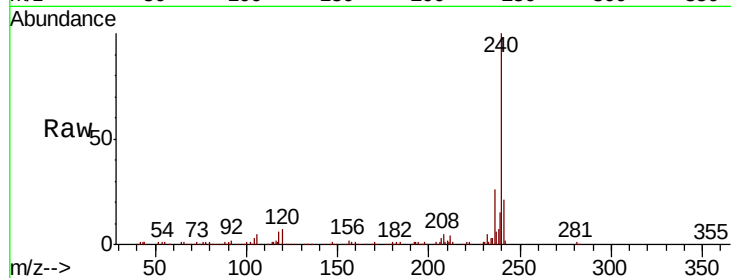




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038802.D
Acq: 22 Dec 2018 1:21

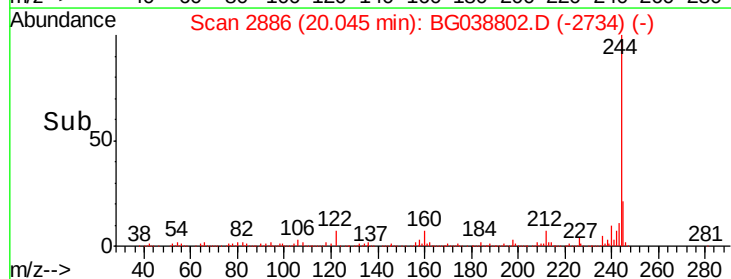
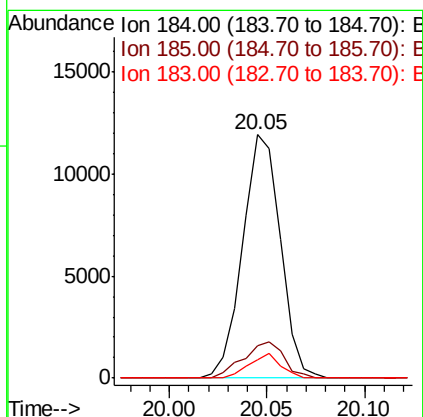
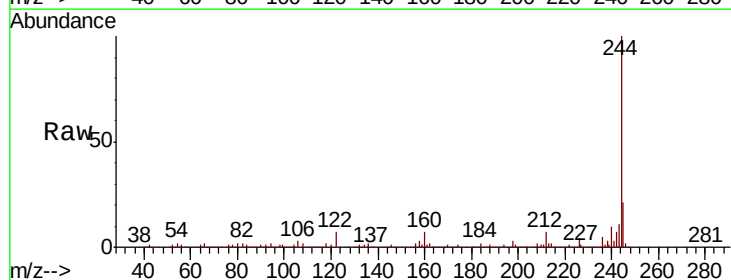
Instrument :
BNA_G
ClientSampleId :
VNJ-221

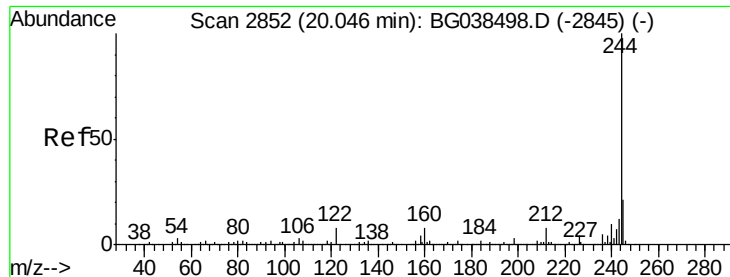
Tgt Ion:240 Resp: 162570
Ion Ratio Lower Upper
240 100
120 6.6 5.3 7.9
236 25.9 21.4 32.2



#77
Benzidine
Concen: 3.335 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038802.D
Acq: 22 Dec 2018 1:21

Tgt Ion:184 Resp: 16036
Ion Ratio Lower Upper
184 100
185 13.3 12.2 18.2
183 7.8 9.6 14.4#





#79

Terphenyl-d14

Concen: 127.161 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038802.D

Acq: 22 Dec 2018 1:21

Instrument :

BNA_G

ClientSampleId :

VNJ-221

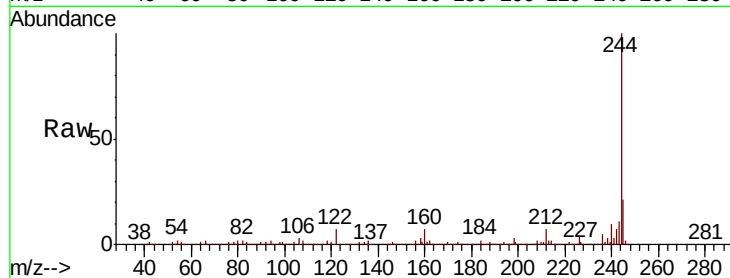
Tgt Ion:244 Resp: 949882

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

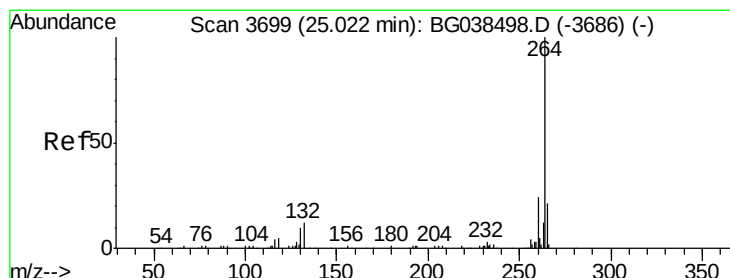
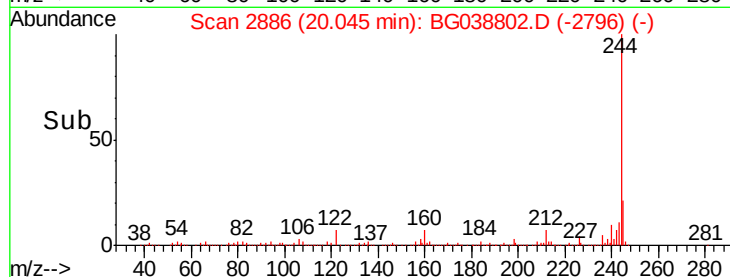
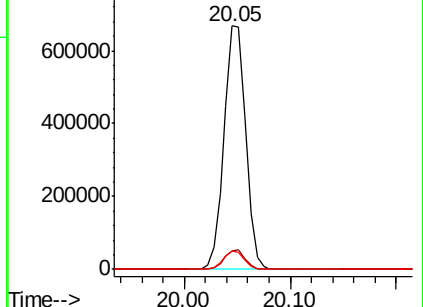
122 7.3 6.3 9.5



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: 25.03 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BG038802.D

Acq: 22 Dec 2018 1:21

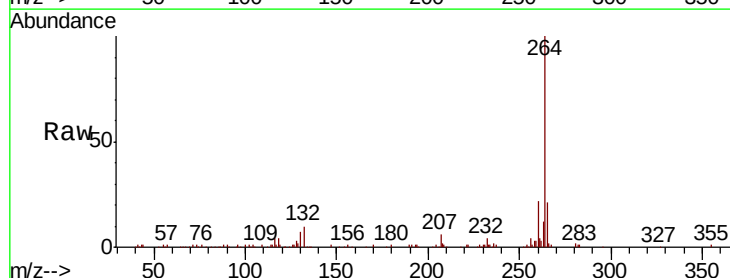
Tgt Ion:264 Resp: 169066

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 21.2 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

