

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
 Data File : BG037296.D
 Acq On : 12 Oct 2018 18:19
 Operator : JU/SJ
 Sample : J5450-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ218-210-282

Quant Time: Oct 13 00:15:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

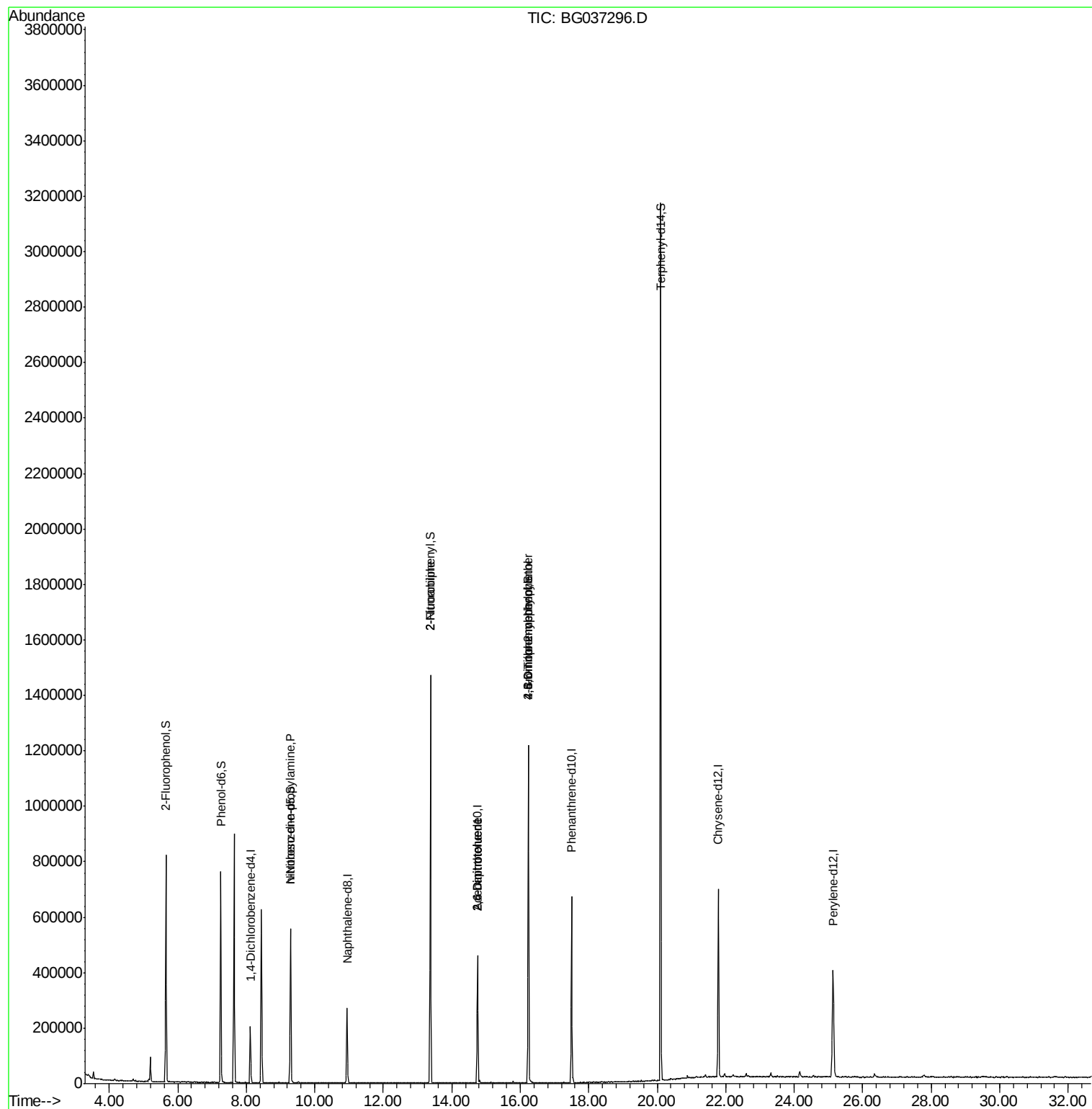
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59543	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	243753	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	160901	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	421524	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	413653	20.00	ng	-0.01
87) Perylene-d12	25.13	264	423426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	372712	110.16	ng	0.00
7) Phenol-d6	7.25	99	464907	90.53	ng	0.00
23) Nitrobenzene-d5	9.29	82	338245	91.23	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	216649	137.29	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	783726	73.15	ng	0.00
79) Terphenyl-d14	20.10	244	1495884	75.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	41704	10.726	ng	# 74
48) 2-Nitroaniline	13.38	65	1312	6.181	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	20822	12.438	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	20822	11.286	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	687	6.402	ng	80
67) 4-Bromophenyl-phenylether	16.24	248	16583	3.645	ng	# 1

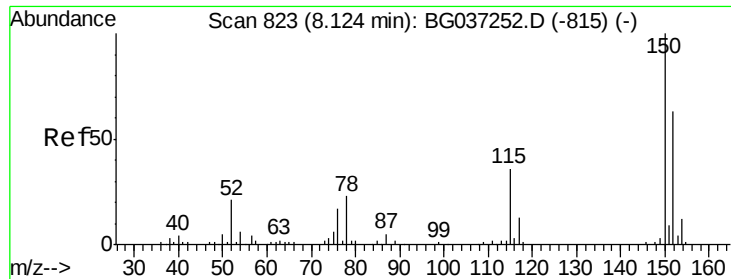
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037296.D
Acq On : 12 Oct 2018 18:19
Operator : JU/SJ
Sample : J5450-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ218-210-282

Quant Time: Oct 13 00:15:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



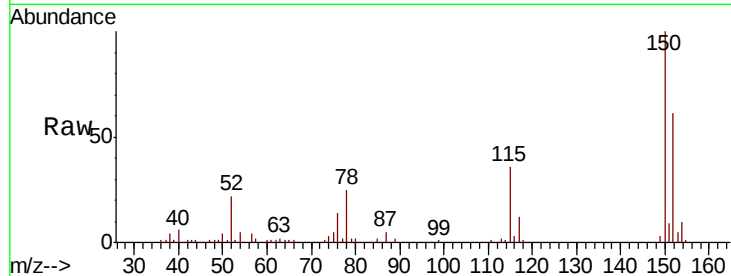


#1

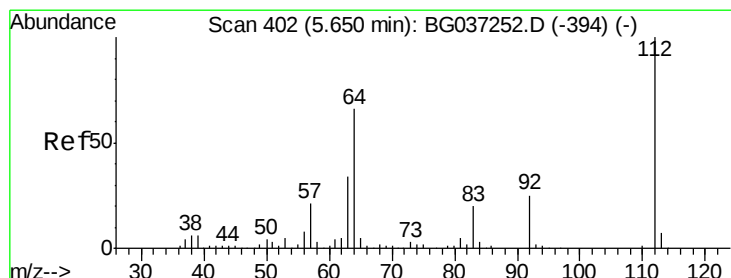
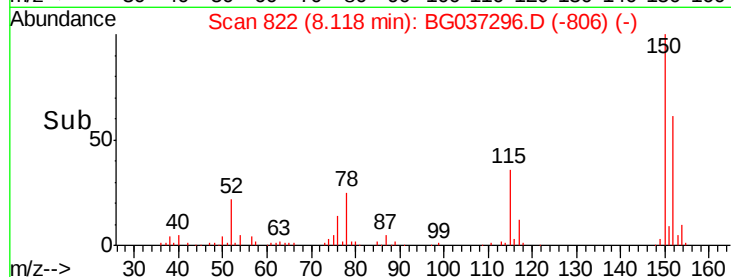
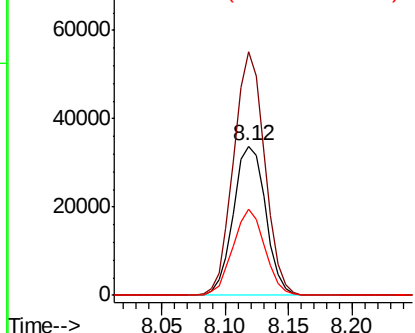
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037296.D
Acq: 12 Oct 2018 18:19

Instrument :
BNA_G
ClientSampleId :
VNJ218-210-282

Tgt Ion:152 Resp: 59543
Ion Ratio Lower Upper
152 100
150 162.9 126.0 189.0
115 58.0 45.5 68.3



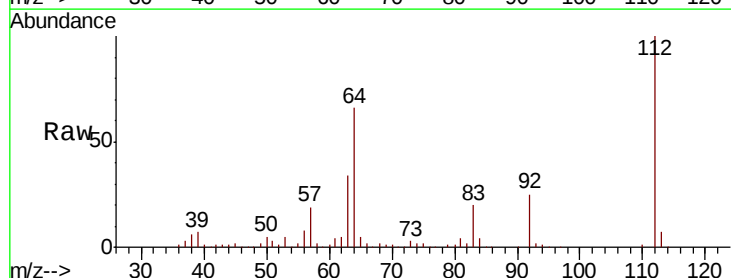
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



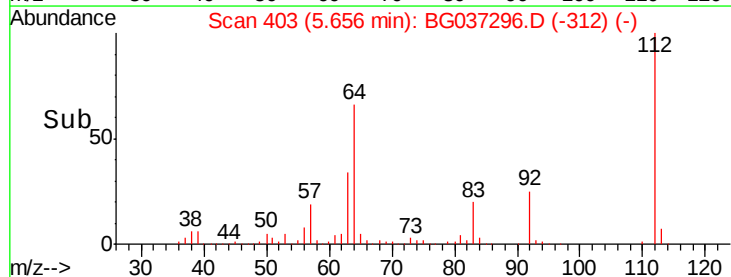
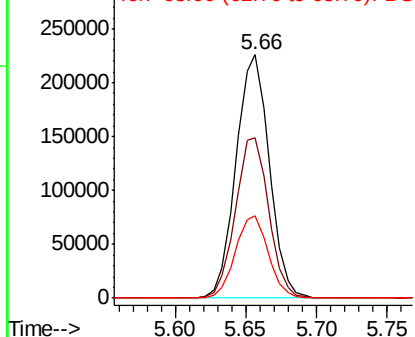
#5

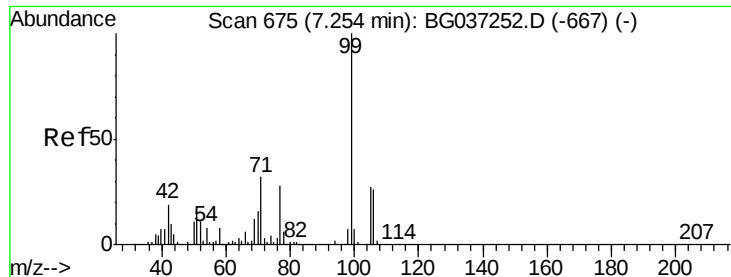
2-Fluorophenol
Concen: 110.162 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037296.D
Acq: 12 Oct 2018 18:19

Tgt Ion:112 Resp: 372712
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.6 27.3 40.9



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: 90.531 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037296.D

Acq: 12 Oct 2018 18:19

Instrument :

BNA_G

ClientSampleId :

VNJ218-210-282

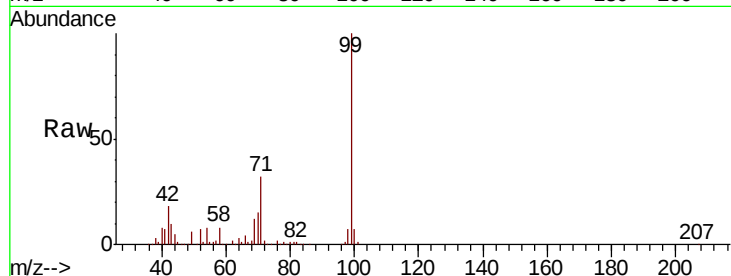
Tgt Ion: 99 Resp: 464907

Ion Ratio Lower Upper

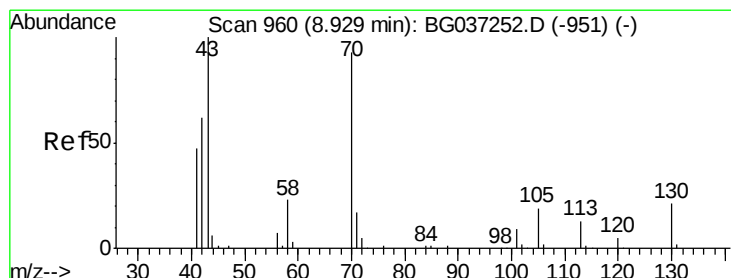
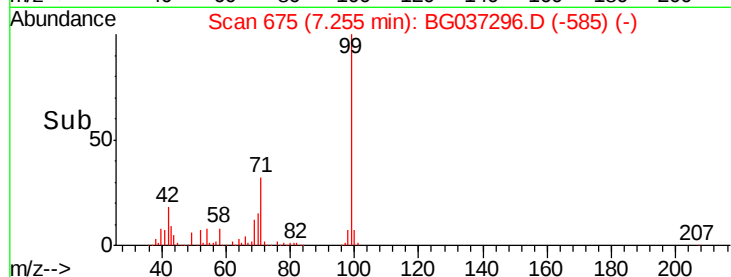
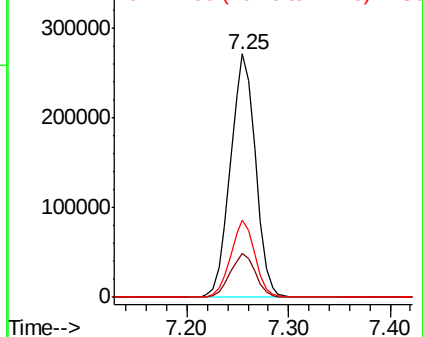
99 100

42 17.8 15.0 22.4

71 31.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.726 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037296.D

Acq: 12 Oct 2018 18:19

Tgt Ion: 70 Resp: 41704

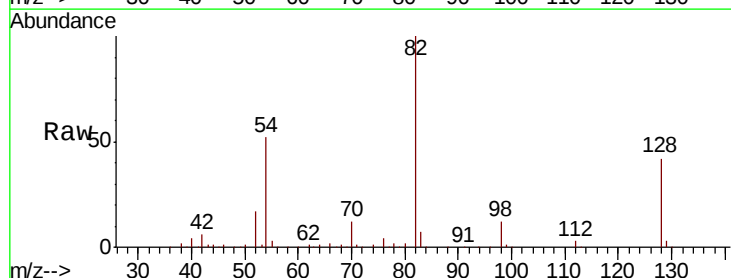
Ion Ratio Lower Upper

70 100

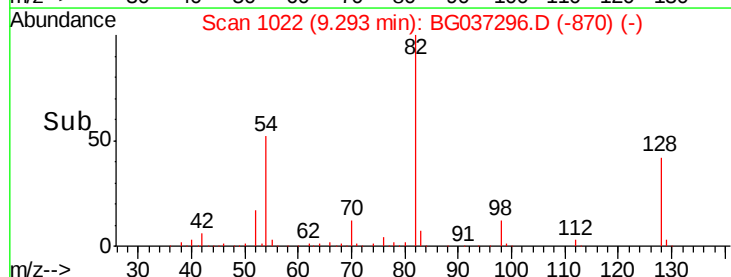
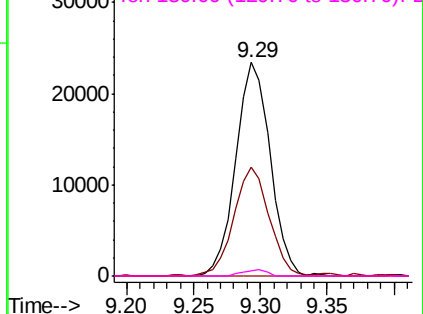
42 50.9 53.9 80.9#

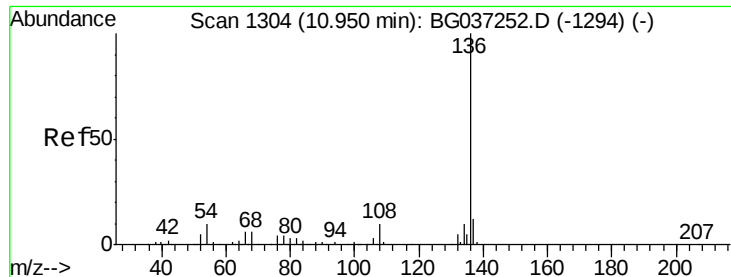
101 0.0 8.2 12.2#

130 2.2 18.2 27.4#



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

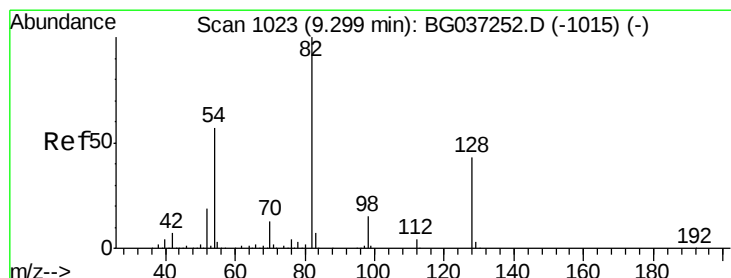
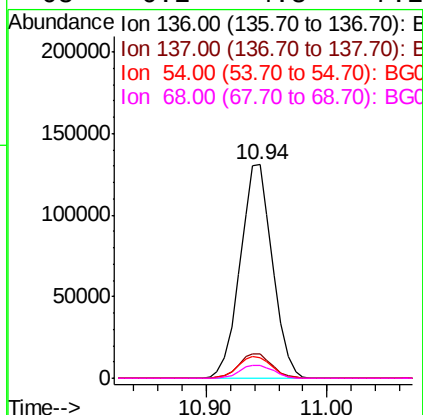
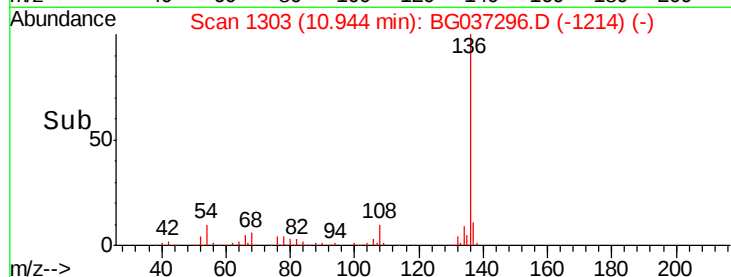
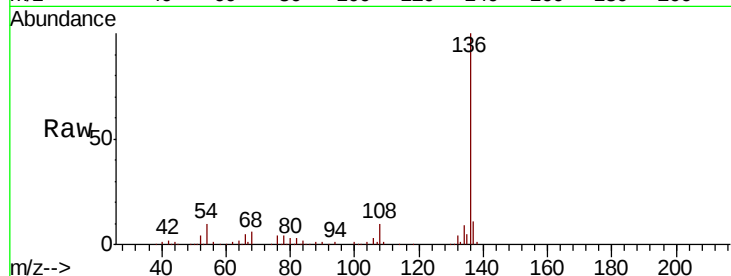




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037296.D
Acq: 12 Oct 2018 18:19

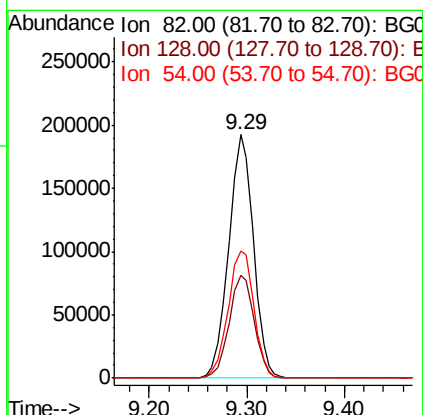
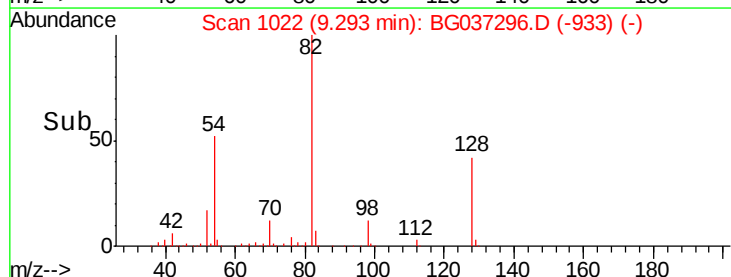
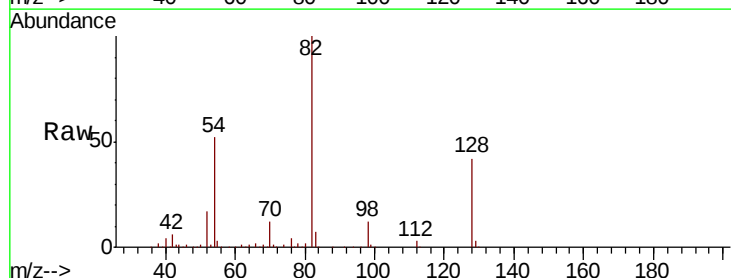
Instrument :
BNA_G
ClientSampleId :
VNJ218-210-282

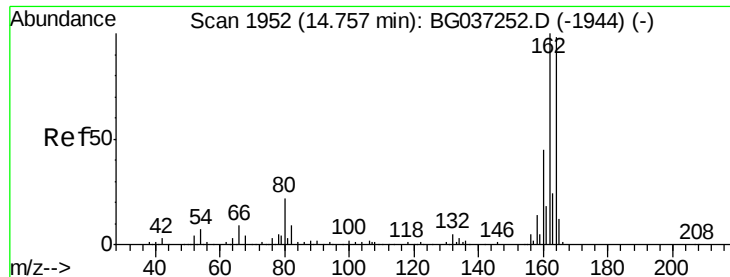
Tgt Ion:	136	Resp:	243753
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.6	7.9	11.9
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 91.231 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037296.D
Acq: 12 Oct 2018 18:19

Tgt Ion:	82	Resp:	338245
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	52.3	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037296.D

Acq: 12 Oct 2018 18:19

Instrument :

BNA_G

ClientSampleId :

VNJ218-210-282

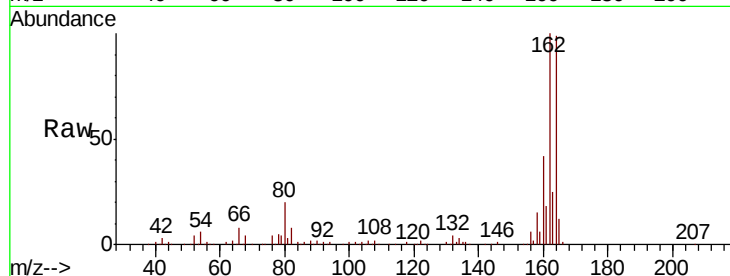
Tgt Ion:164 Resp: 160901

Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

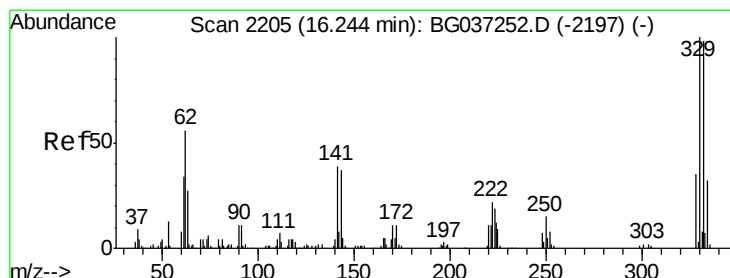
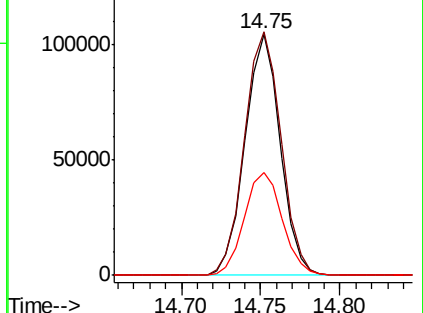
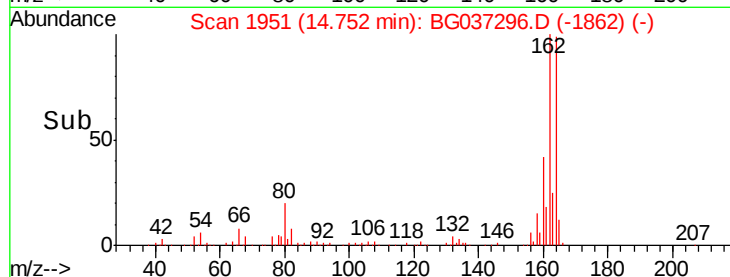
160 42.8 36.3 54.5



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: 137.294 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037296.D

Acq: 12 Oct 2018 18:19

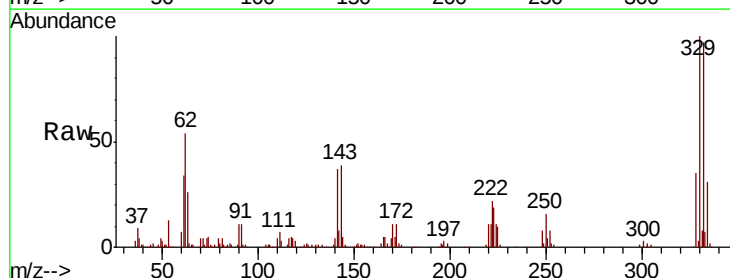
Tgt Ion:330 Resp: 216649

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

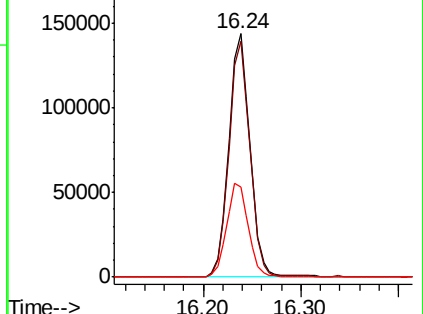
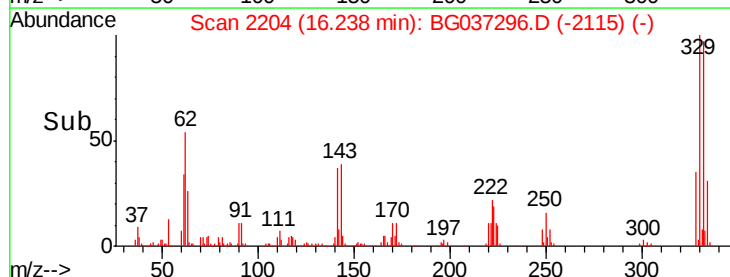
141 39.4 32.2 48.2

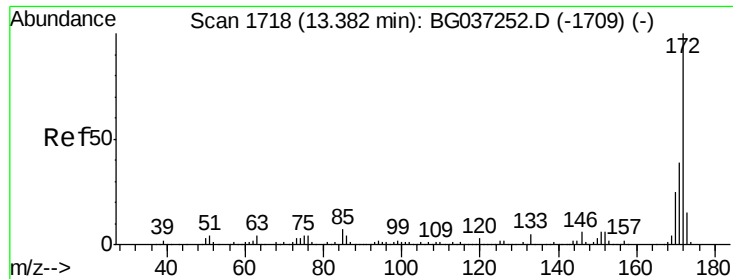


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

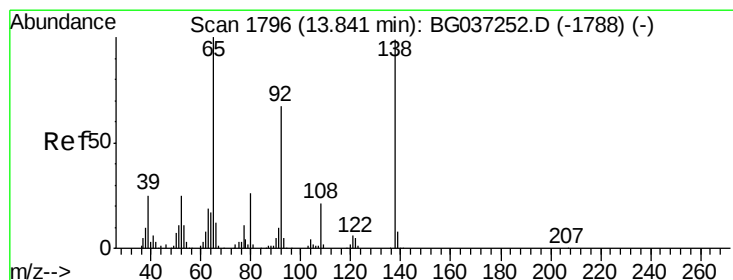
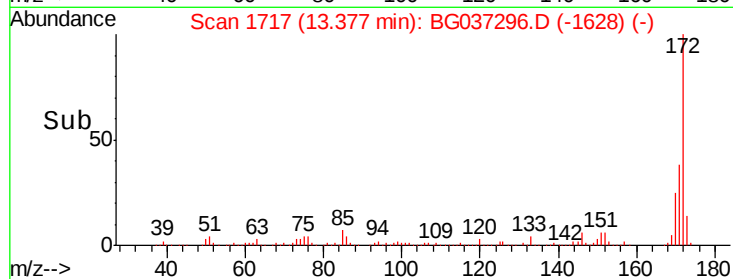
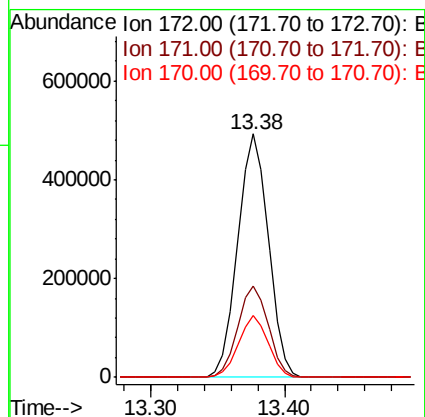
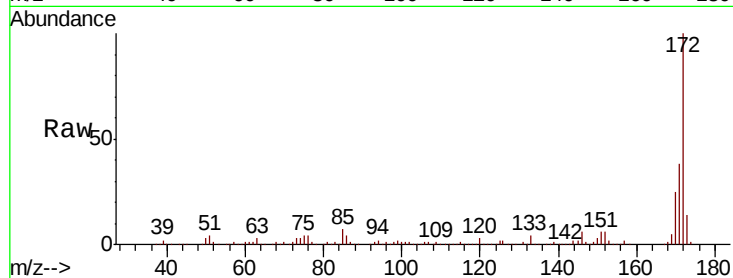




#45
 2-Fluorobiphenyl
 Concen: 73.149 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037296.D
 Acq: 12 Oct 2018 18:19

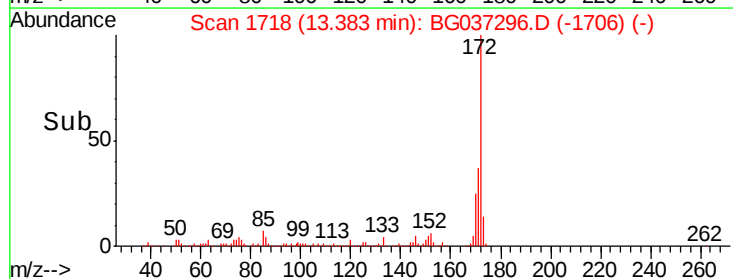
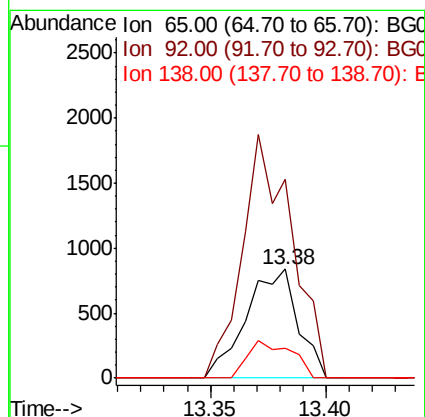
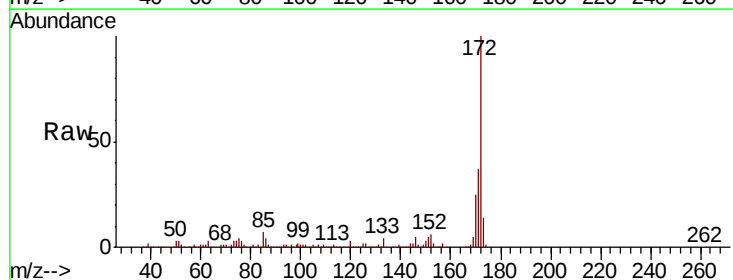
Instrument :
 BNA_G
 ClientSampleId :
 VNJ218-210-282

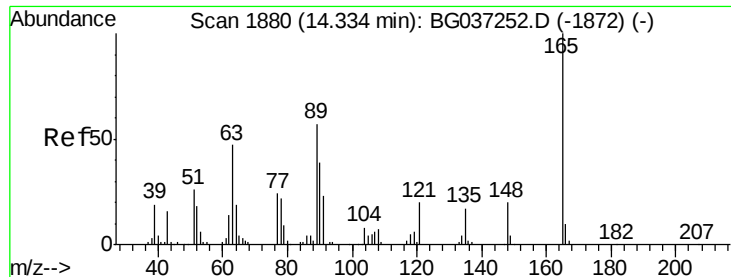
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.5	20.2	30.2



#48
 2-Nitroaniline
 Concen: 6.181 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.46 min
 Lab File: BG037296.D
 Acq: 12 Oct 2018 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	183.5	53.2	79.8#
138	27.0	79.3	118.9#

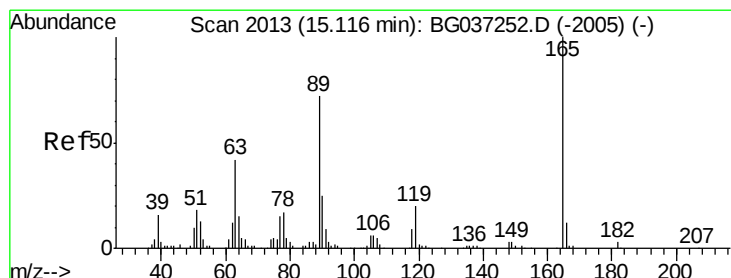
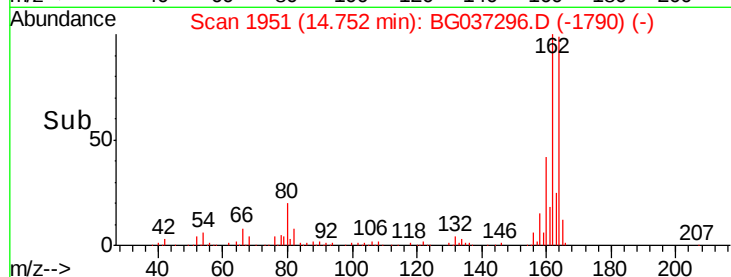
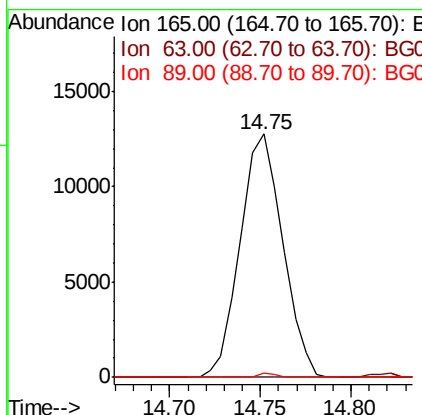
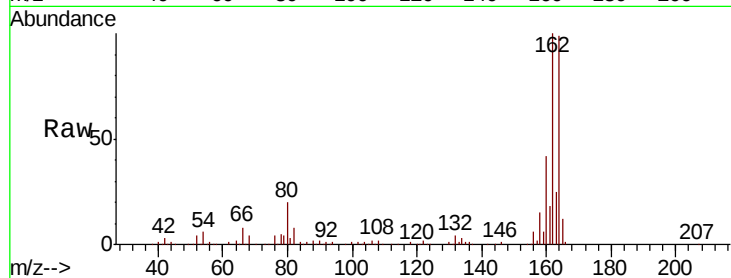




#51
 2,6-Dinitrotoluene
 Concen: 12.438 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG037296.D
 Acq: 12 Oct 2018 18:19

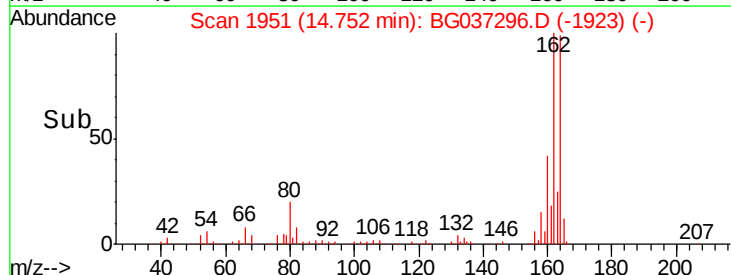
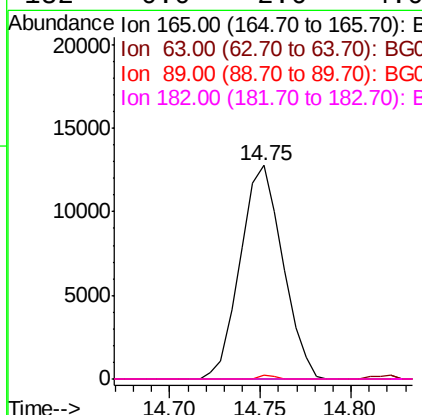
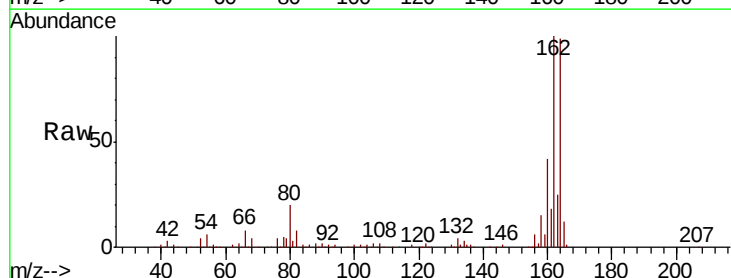
Instrument :
 BNA_G
 ClientSampleId :
 VNJ218-210-282

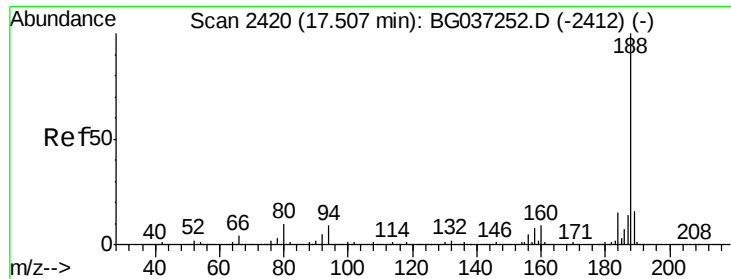
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.6	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.286 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG037296.D
 Acq: 12 Oct 2018 18:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#

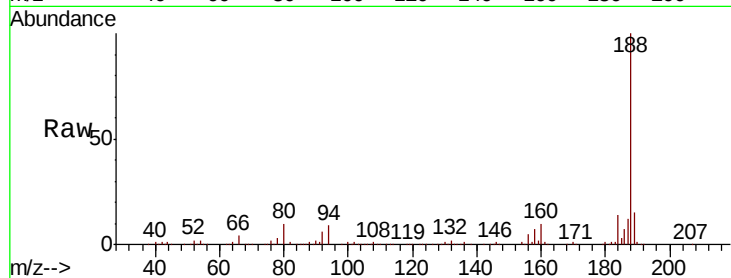




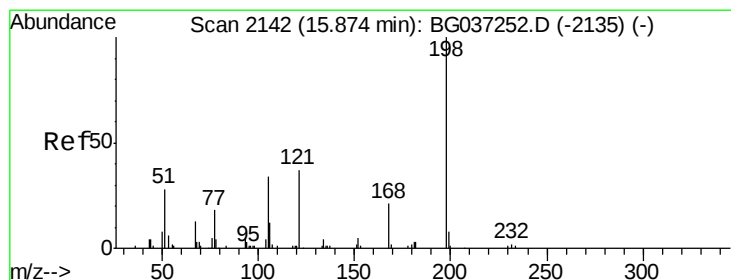
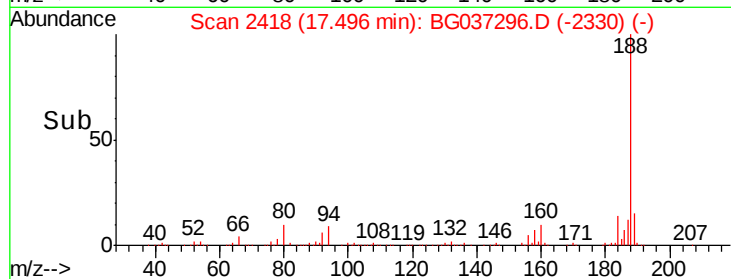
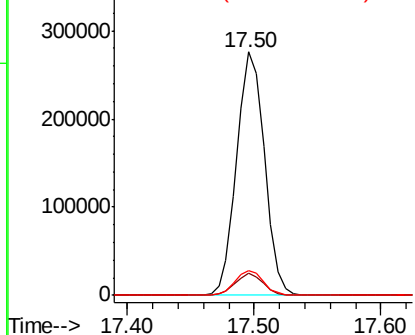
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037296.D
 Acq: 12 Oct 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 VNJ218-210-282

Tgt Ion:188 Resp: 421524
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.2 10.8
 80 10.2 7.7 11.5

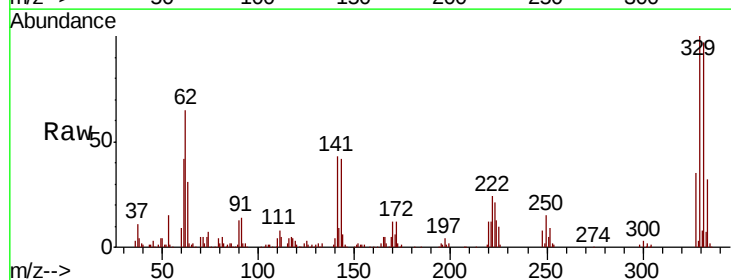


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

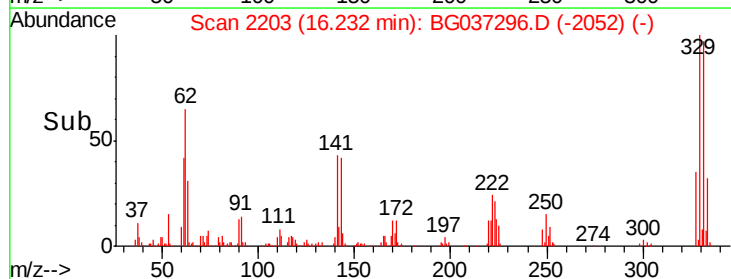
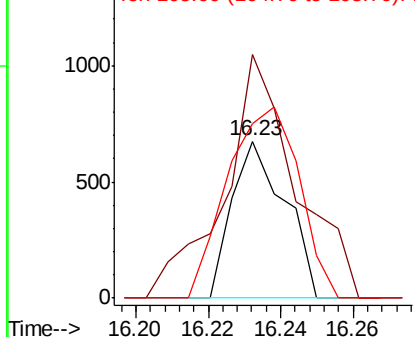


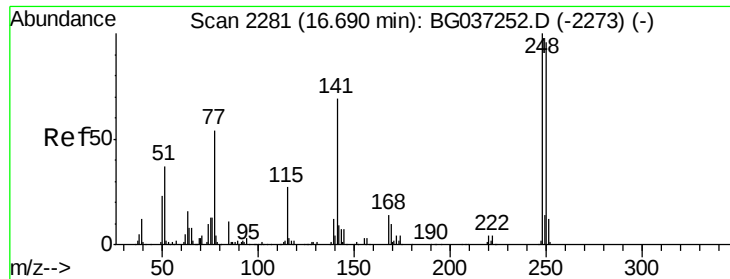
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.402 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.36 min
 Lab File: BG037296.D
 Acq: 12 Oct 2018 18:19

Tgt Ion:198 Resp: 687
 Ion Ratio Lower Upper
 198 100
 51 33.5 22.7 62.7
 105 24.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

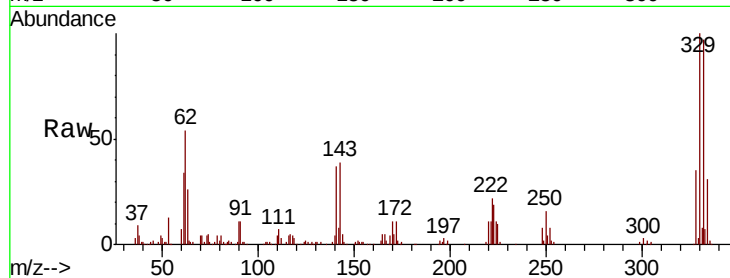




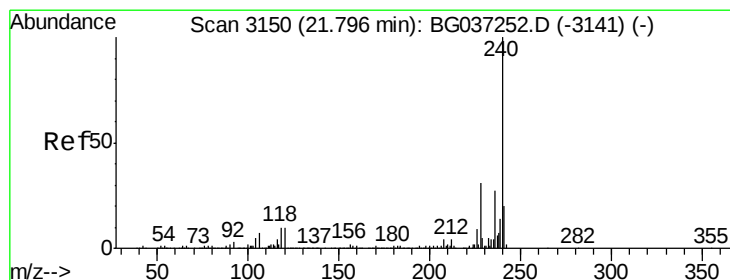
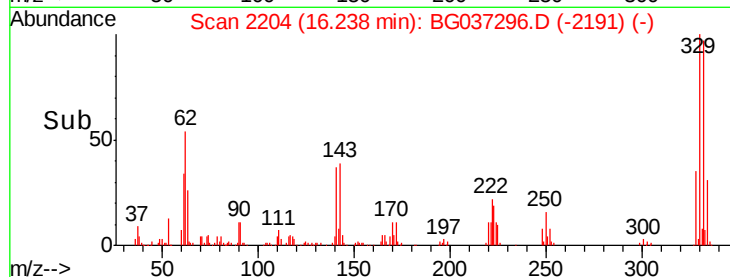
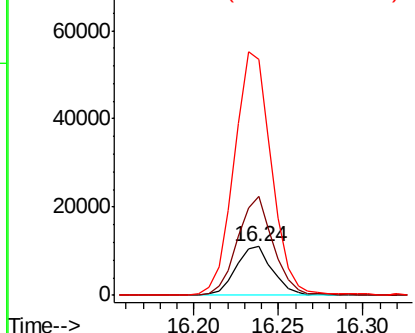
#67
4-Bromophenyl-phenylether
Concen: 3.645 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037296.D
Acq: 12 Oct 2018 18:19

Instrument :
BNA_G
ClientSampleId :
VNJ218-210-282

Tgt Ion:248 Resp: 16583
Ion Ratio Lower Upper
248 100
250 202.0 77.0 115.6#
141 380.3 55.5 83.3#

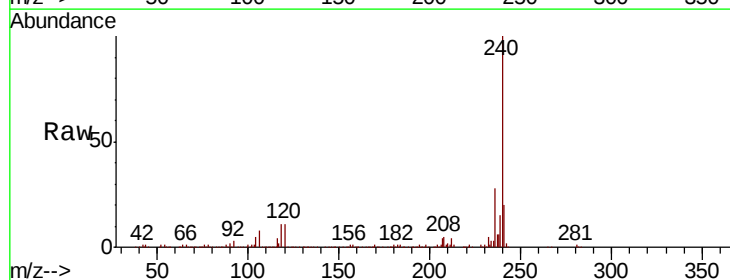


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

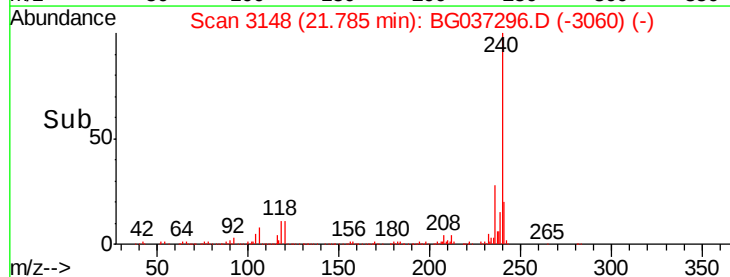
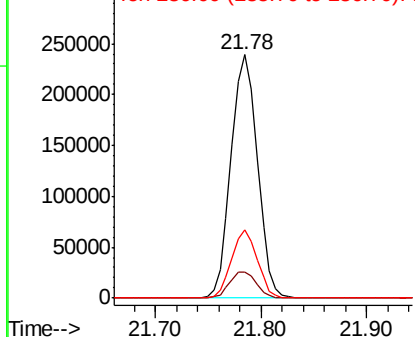


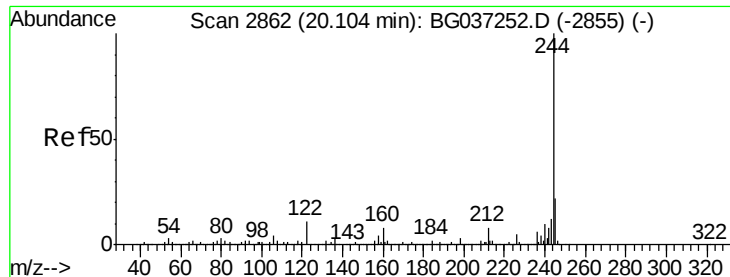
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037296.D
Acq: 12 Oct 2018 18:19

Tgt Ion:240 Resp: 413653
Ion Ratio Lower Upper
240 100
120 10.8 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: 75.933 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037296.D

Acq: 12 Oct 2018 18:19

Instrument :

BNA_G

ClientSampleId :

VNJ218-210-282

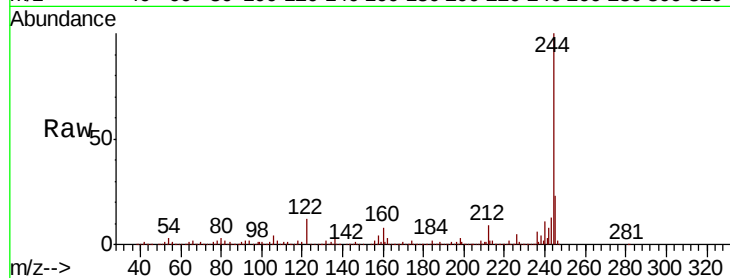
Tgt Ion:244 Resp: 1495884

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

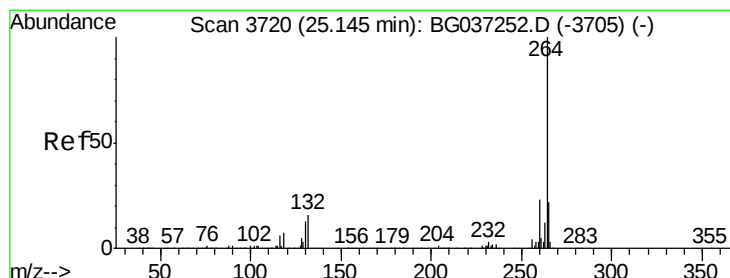
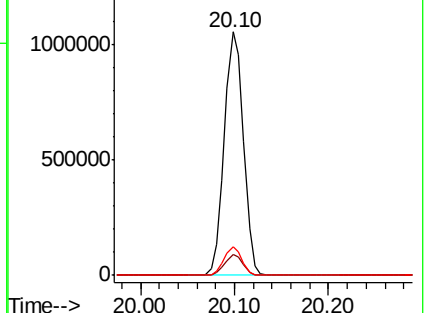
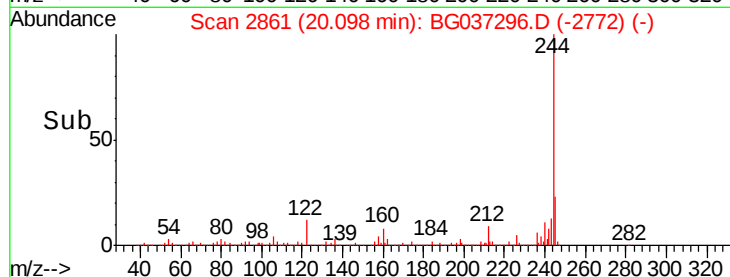
122 11.5 9.0 13.4



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: 25.13 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG037296.D

Acq: 12 Oct 2018 18:19

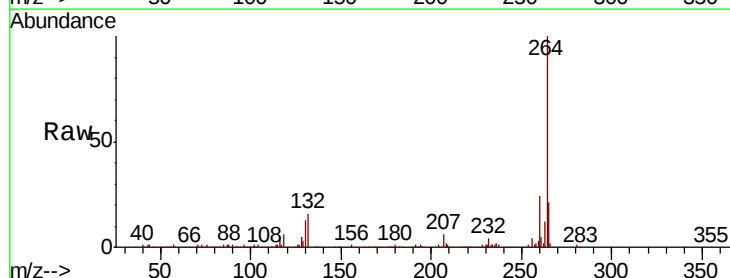
Tgt Ion:264 Resp: 423426

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.2 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

