

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037487.D
 Acq On : 23 Oct 2018 22:06
 Operator : JU/SJ
 Sample : J5626-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:43:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

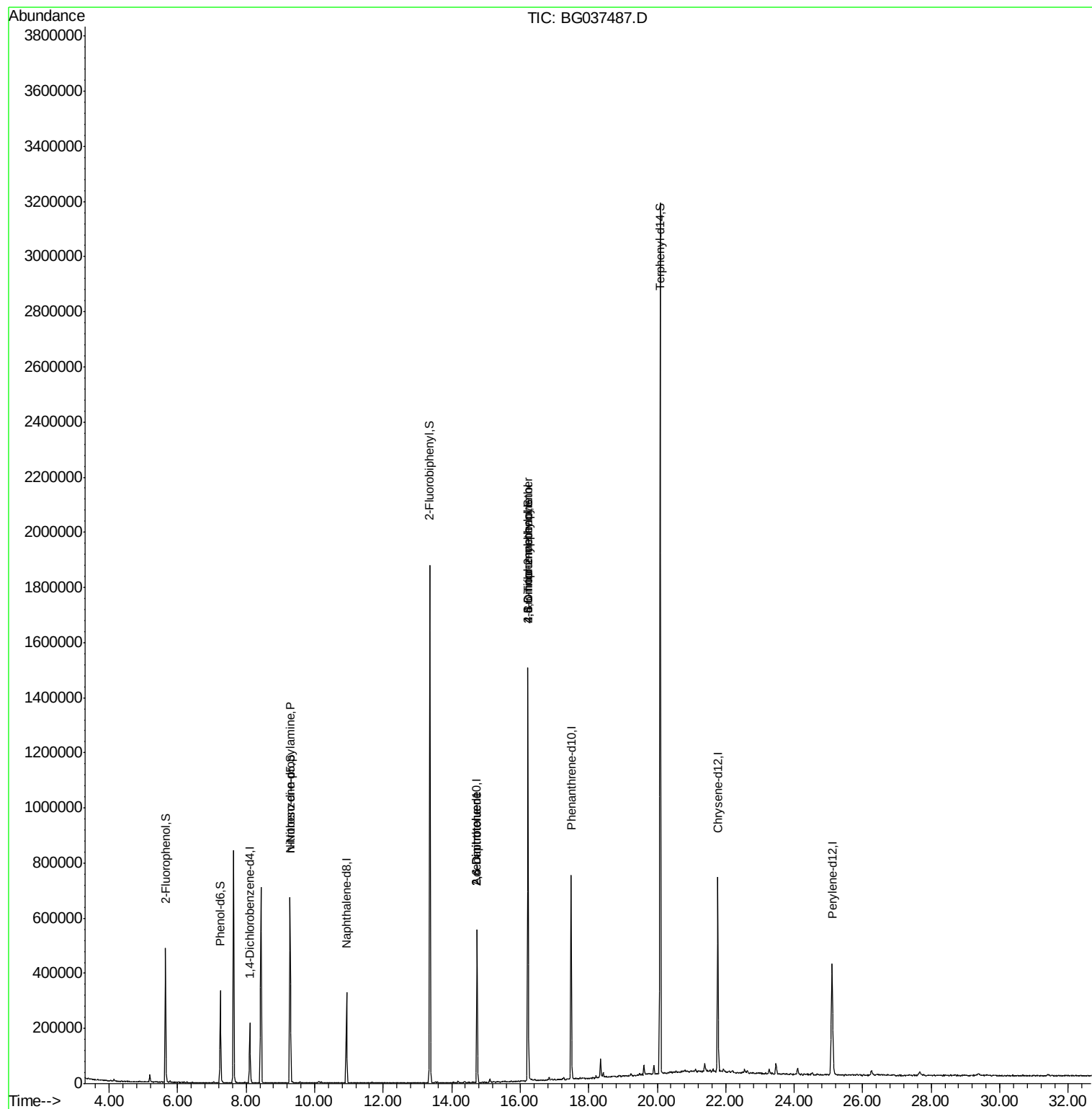
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67164	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	295646	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	200423	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	473142	20.00	ng	0.00
76) Chrysene-d12	21.77	240	433743	20.00	ng	0.00
87) Perylene-d12	25.10	264	436848	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	229751	57.19	ng	0.00
7) Phenol-d6	7.25	99	212735	35.02	ng	0.00
23) Nitrobenzene-d5	9.28	82	428566	81.20	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	267243	122.25	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	997577	75.06	ng	0.00
79) Terphenyl-d14	20.09	244	1511243	74.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	53613	12.816	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	25237	7.358	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	25237	5.605	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	773	8.764	ng	91
67) 4-Bromophenyl-phenylether	16.22	248	19954	3.840	ng	# 1

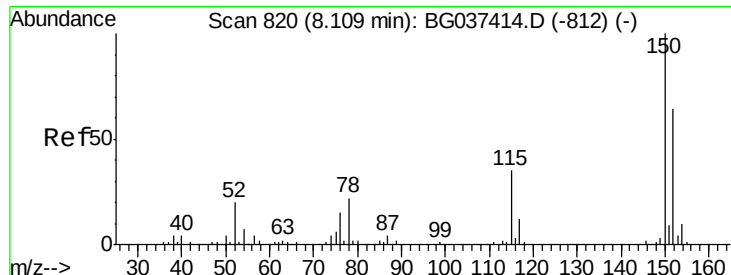
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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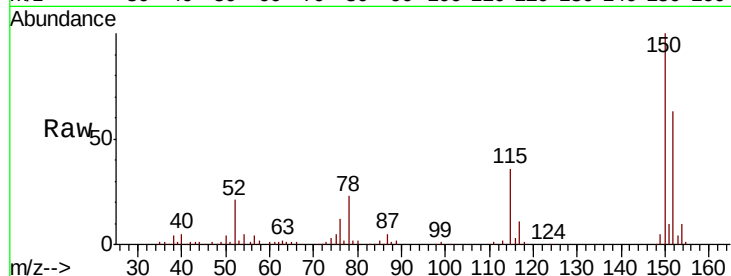


#1

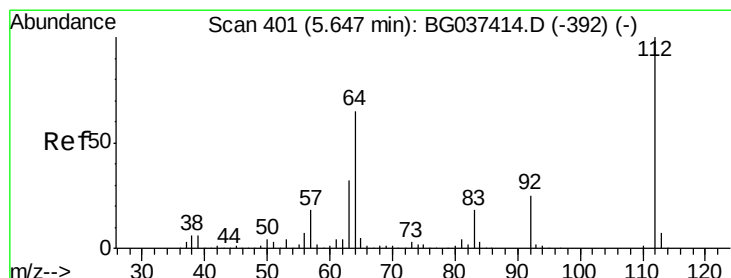
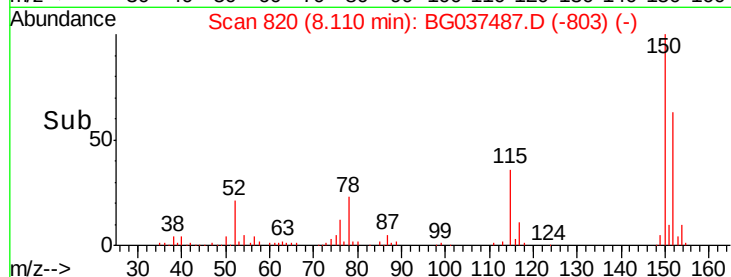
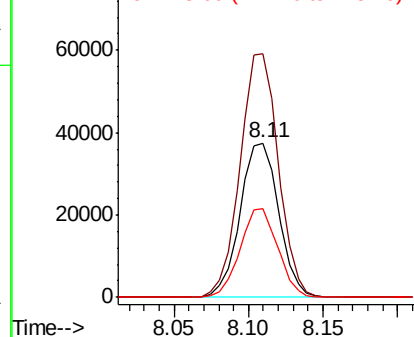
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67164
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 57.6 45.5 68.3



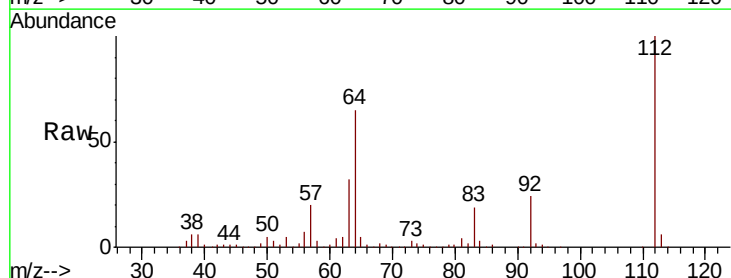
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



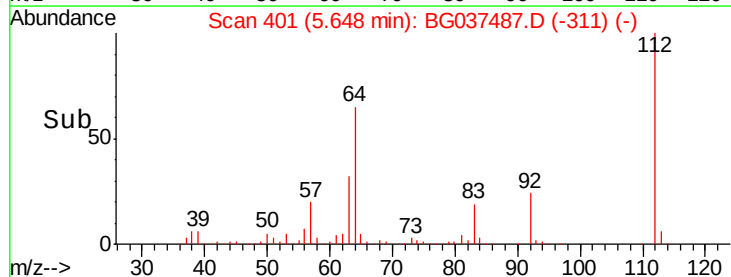
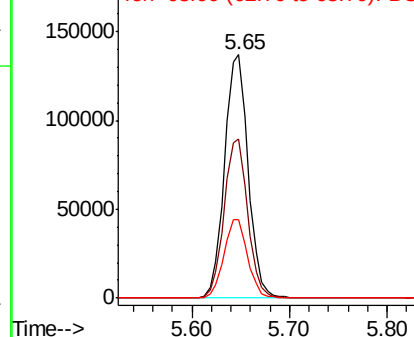
#5

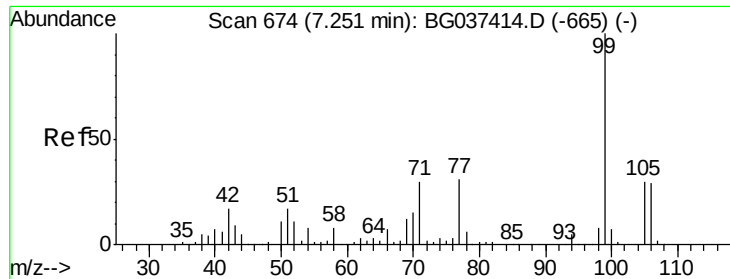
2-Fluorophenol
Concen: 57.190 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

Tgt Ion:112 Resp: 229751
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 32.0 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: 35.020 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

Instrument :

BNA_G

ClientSampleId :

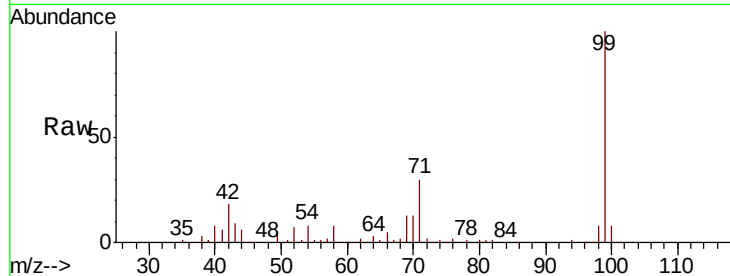
Tot Ion: 99 Resp: 212735

Ion Ratio Lower Upper

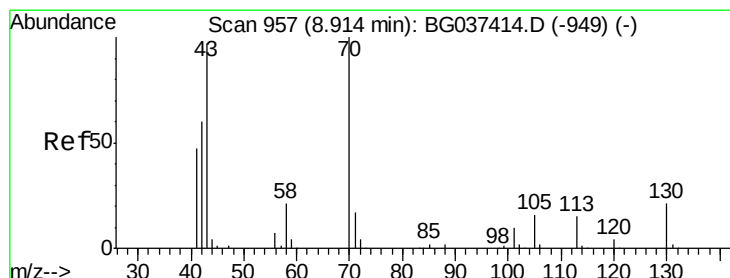
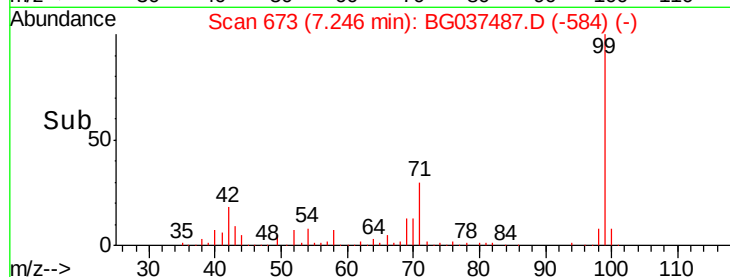
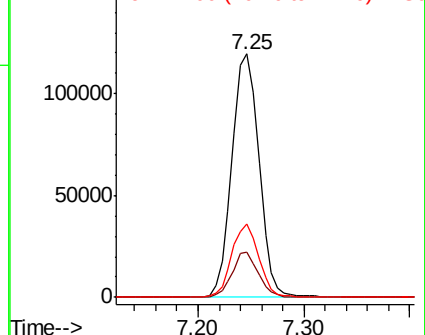
99 100

42 18.5 15.0 22.4

71 30.3 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: 12.816 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

Tgt Ion: 70 Resp: 53613

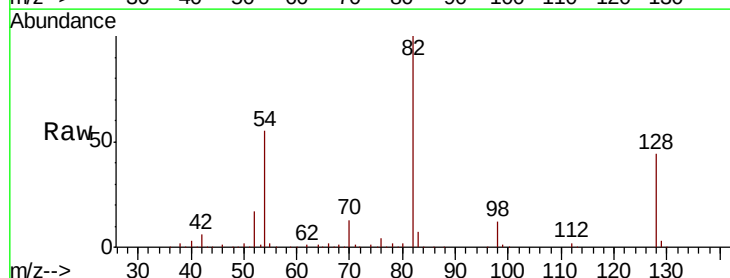
Ion Ratio Lower Upper

70 100

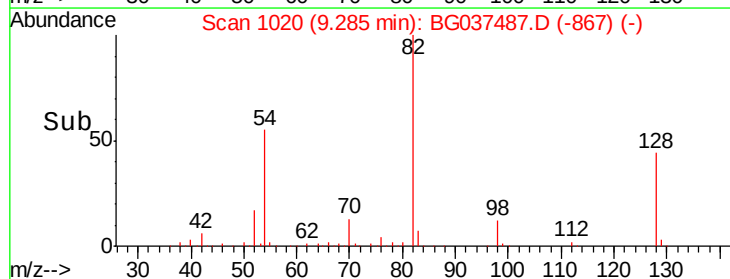
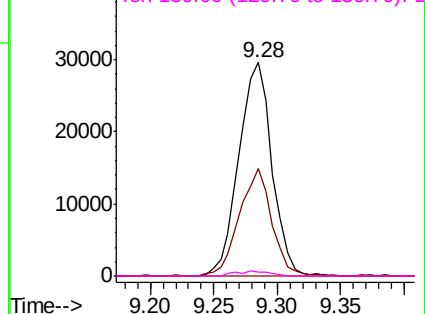
42 50.1 53.9 80.9#

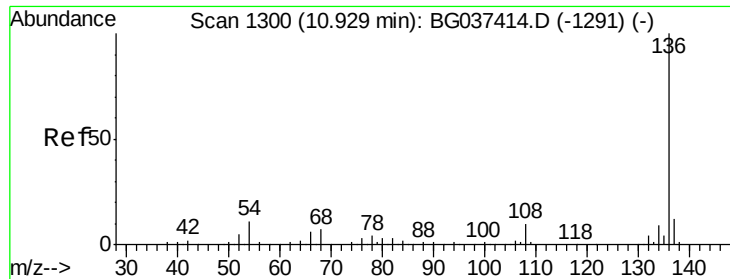
101 0.0 8.2 12.2#

130 1.7 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

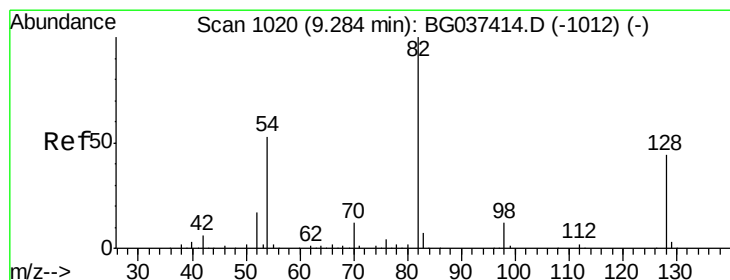
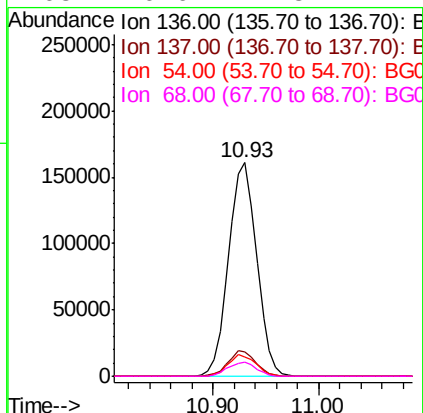
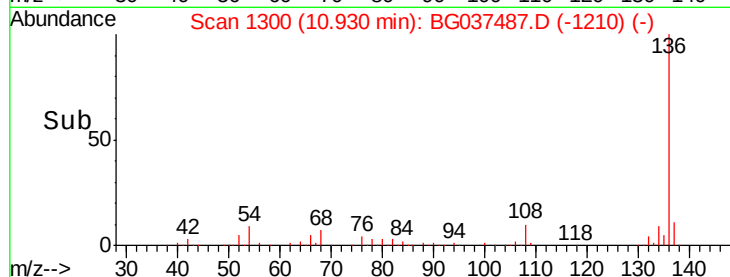
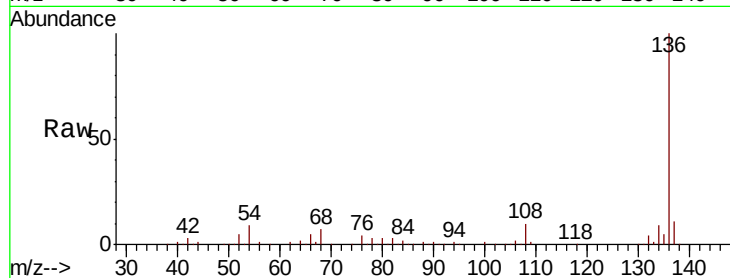




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

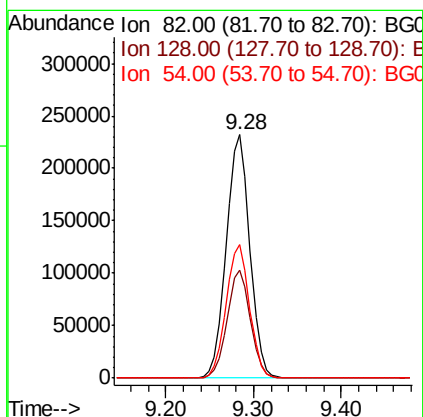
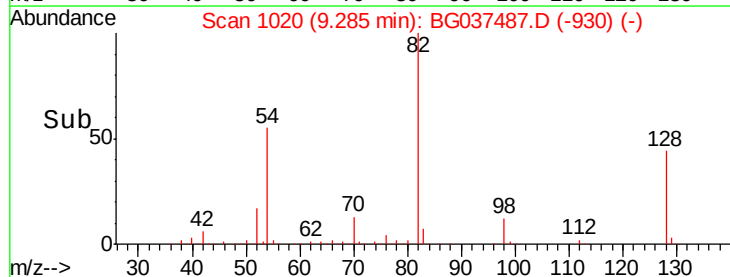
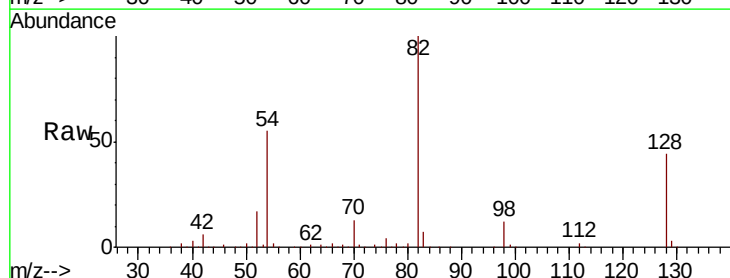
Instrument :
BNA_G
ClientSampleId :

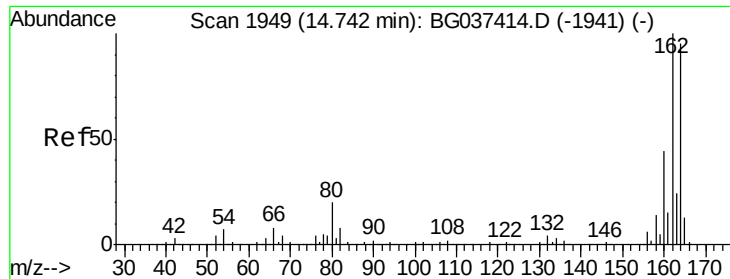
Tot Ion:136	Resp:	295646
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	9.2	7.9 11.9
68	6.6	4.8 7.2



#23
Nitrobenzene-d5
Concen: 81.205 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

Tgt Ion: 82	Resp:	428566
Ion Ratio	Lower	Upper
82	100	
128	44.3	34.6 51.8
54	54.7	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

Instrument :

BNA_G

ClientSampleId :

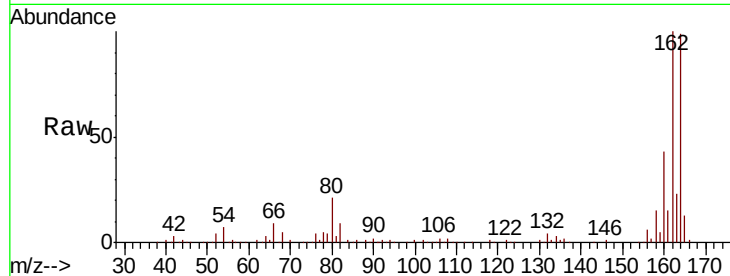
Tot Ion:164 Resp: 200423

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

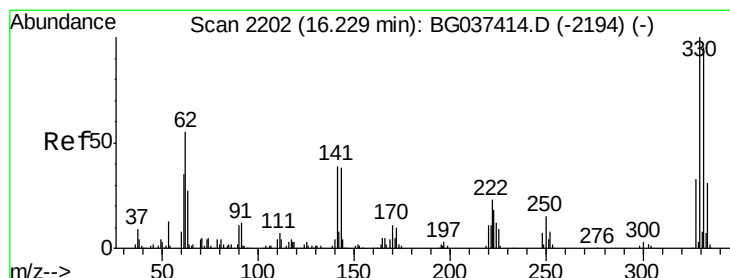
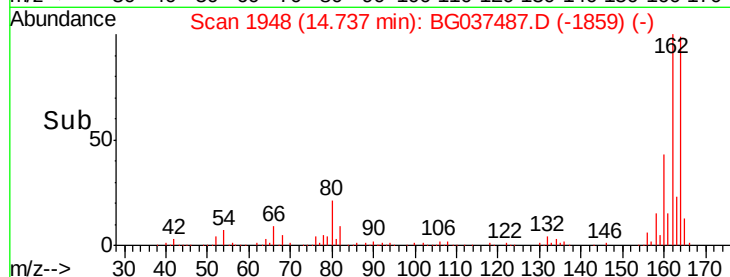
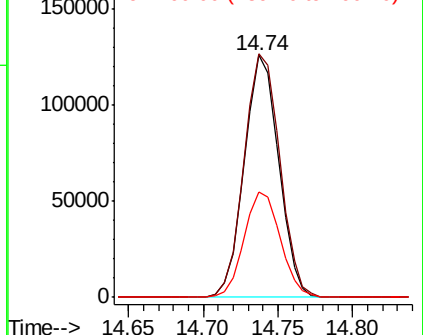
160 43.6 36.3 54.5



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: 122.253 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

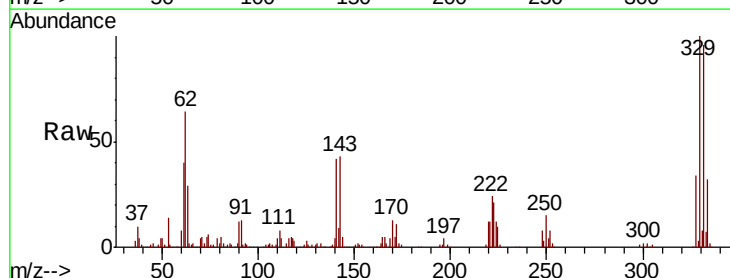
Tgt Ion:330 Resp: 267243

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

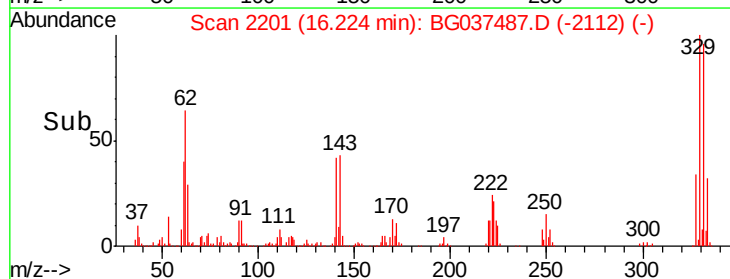
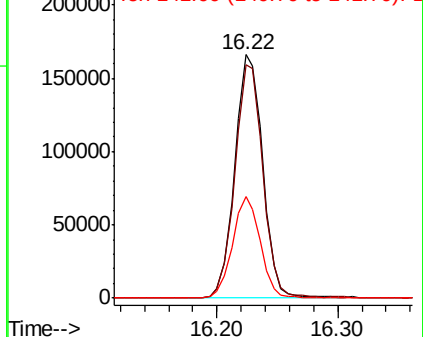
141 41.2 32.2 48.2

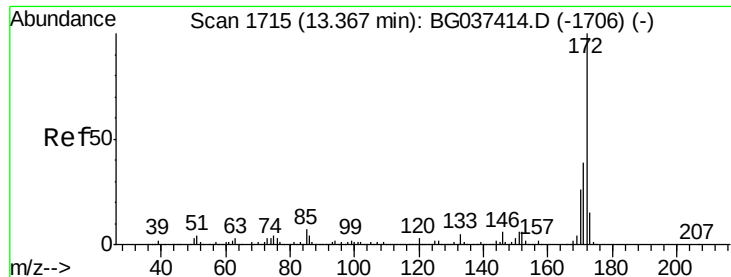


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

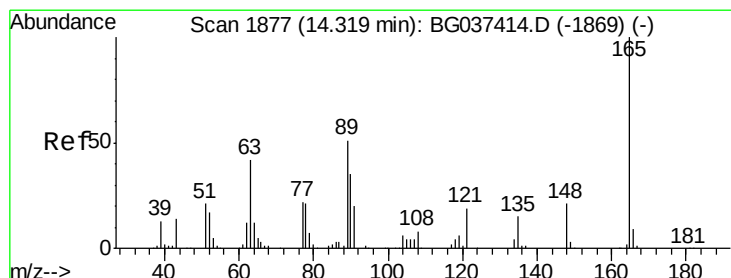
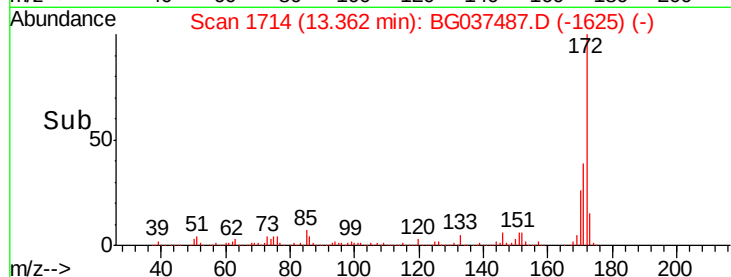
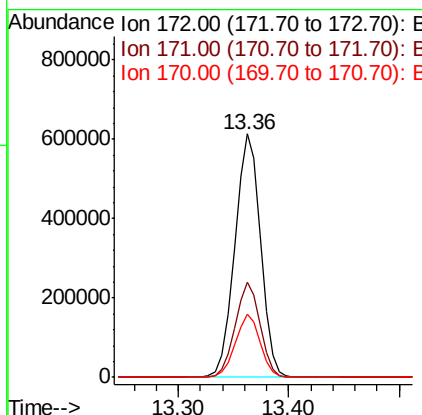
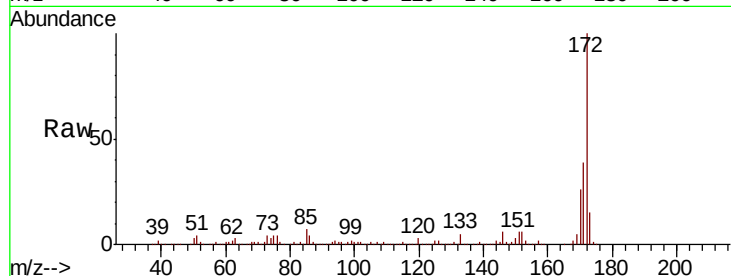




#45
2-Fluorobiphenyl
Concen: 75.056 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

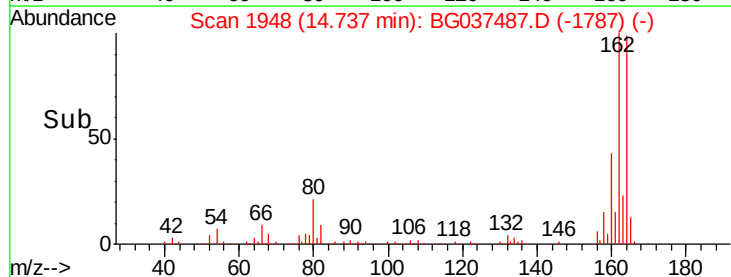
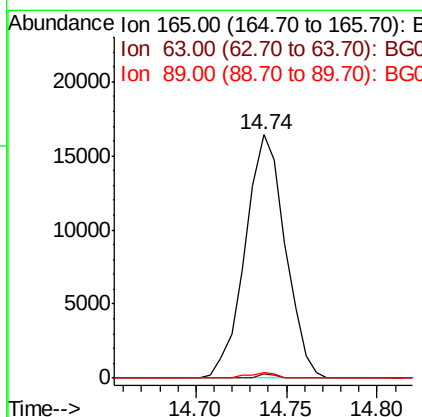
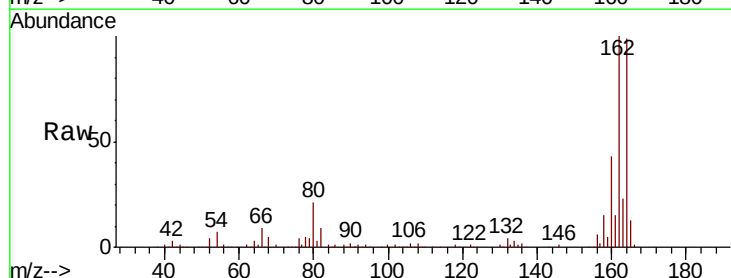
Instrument :
BNA_G
ClientSampleId :

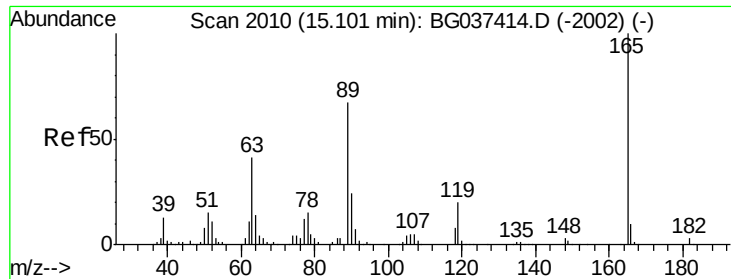
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	26.1	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.358 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	2.1	45.8	68.6#

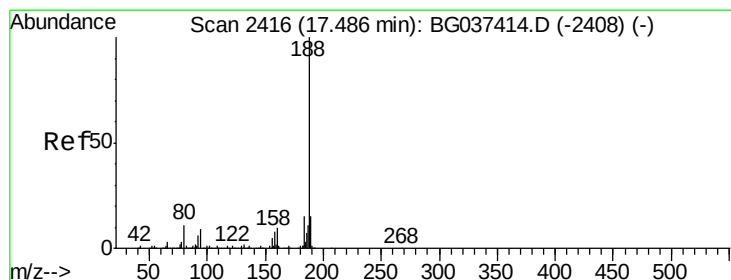
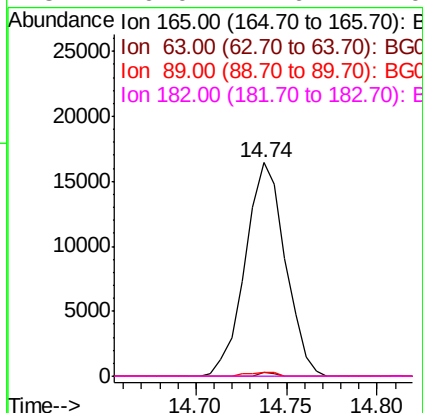
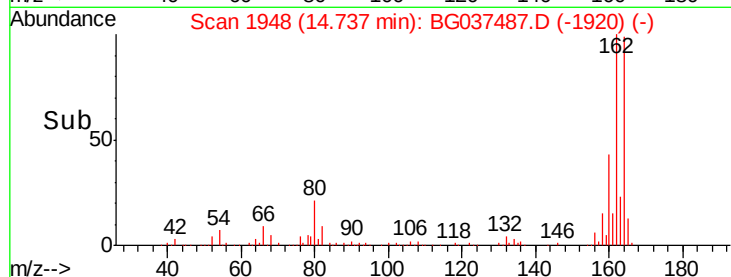
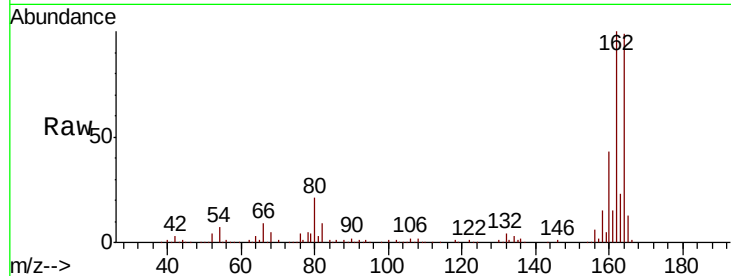




#57
 2,4-Dinitrotoluene
 Concen: 5.605 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037487.D
 Acq: 23 Oct 2018 22:06

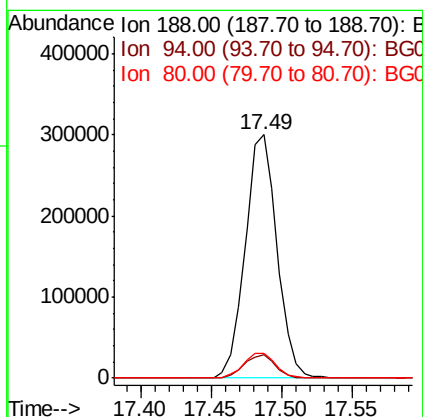
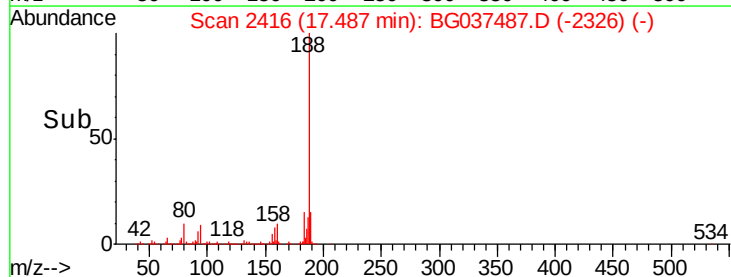
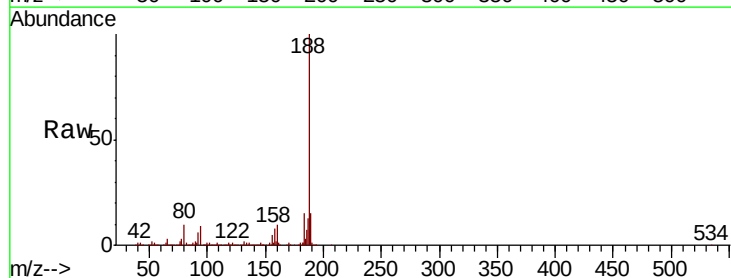
Instrument :
 BNA_G
 ClientSampleId :

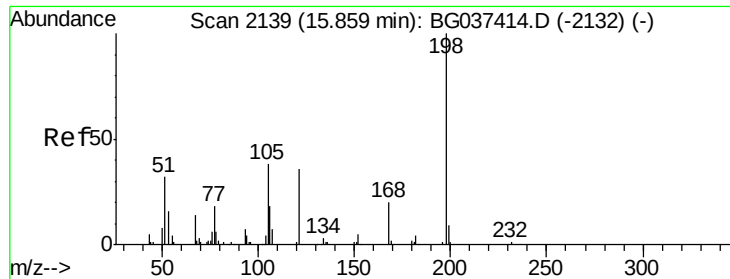
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2416
 Delta R.T. 0.00 min
 Lab File: BG037487.D
 Acq: 23 Oct 2018 22:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	7.7	11.5

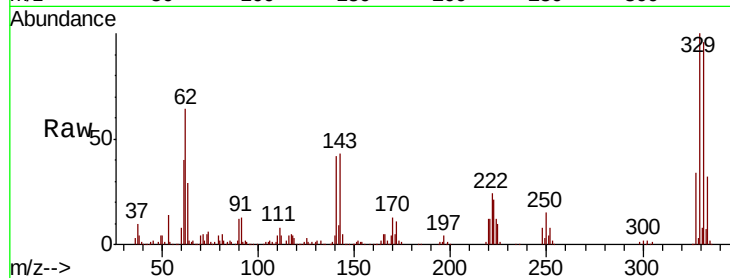




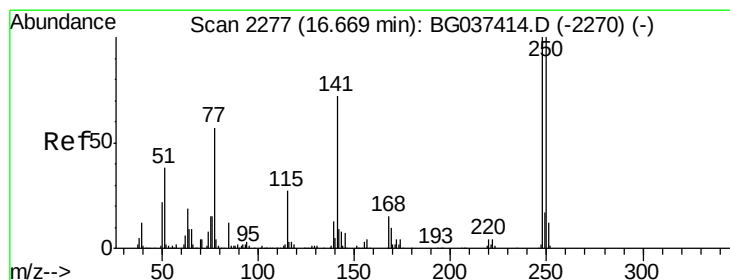
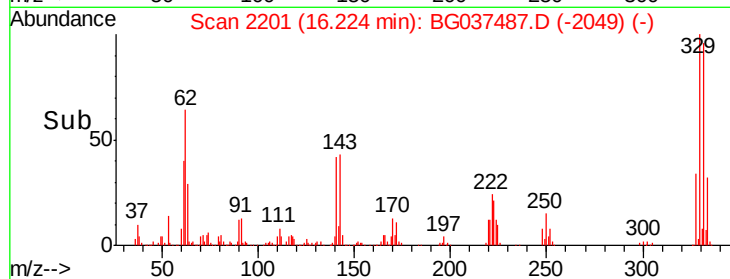
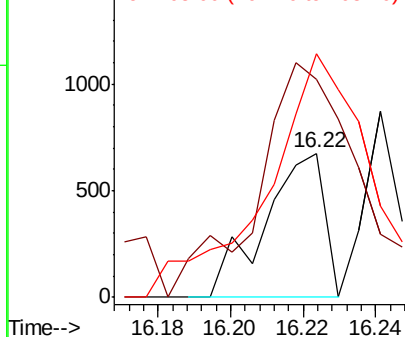
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.764 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.37 min
 Lab File: BG037487.D
 Acq: 23 Oct 2018 22:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 773
 Ion Ratio Lower Upper
 198 100
 51 33.9 22.7 62.7
 105 37.9 19.7 59.7

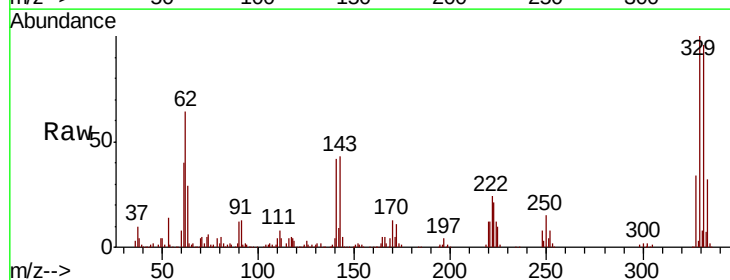


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

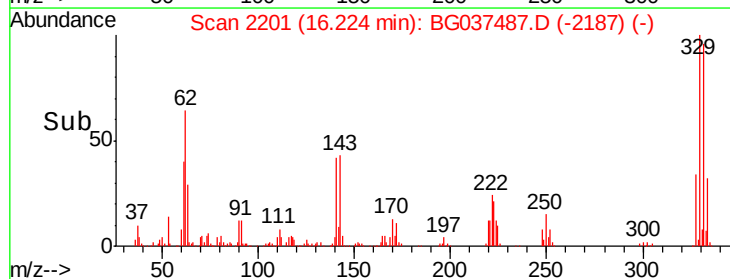
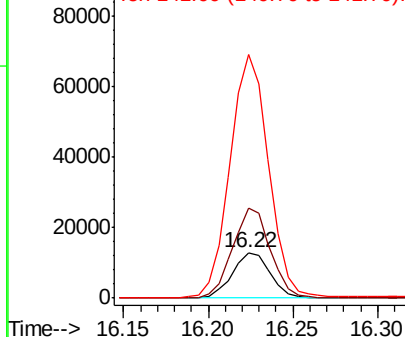


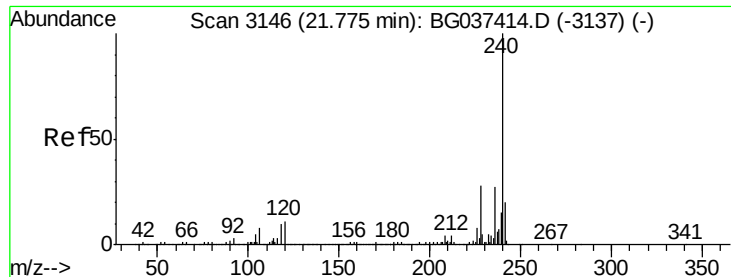
#67
 4-Bromophenyl-phenylether
 Concen: 3.840 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037487.D
 Acq: 23 Oct 2018 22:06

Tgt Ion:248 Resp: 19954
 Ion Ratio Lower Upper
 248 100
 250 191.4 77.0 115.6#
 141 401.0 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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

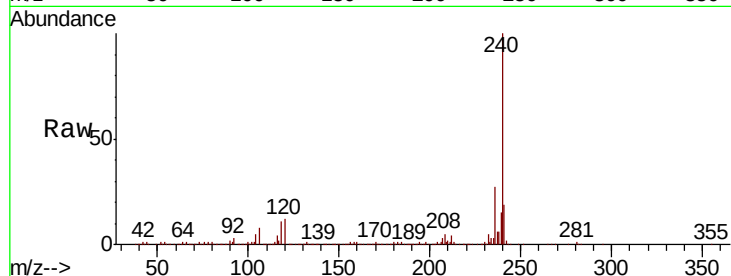
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 433743

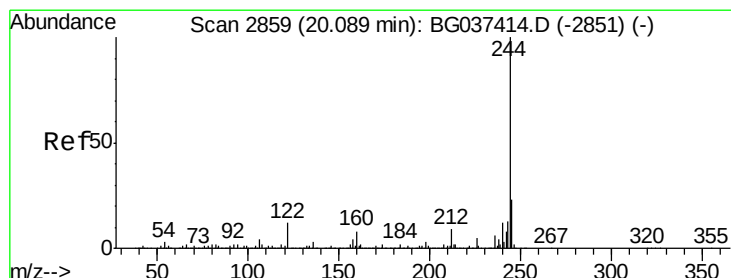
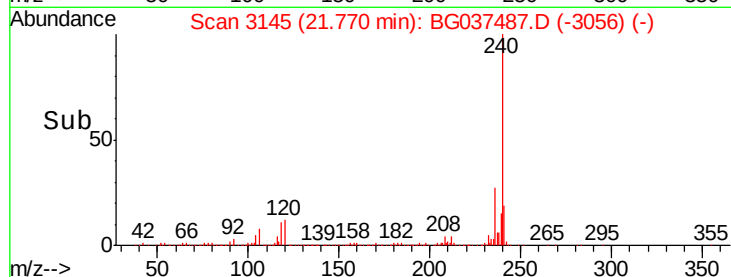
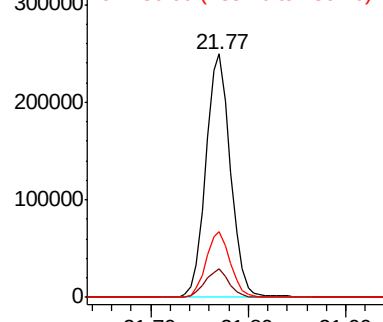
Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.1	12.1
236	27.2	21.4	32.0



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: 74.449 ng

RT: 20.09 min Scan# 2859

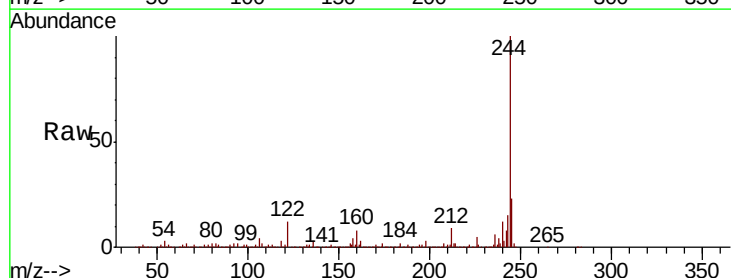
Delta R.T. 0.00 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

Tgt Ion:244 Resp: 1511243

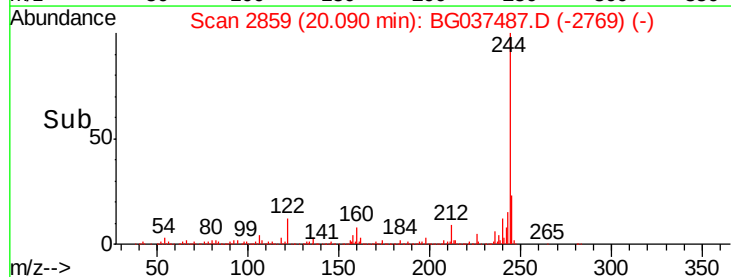
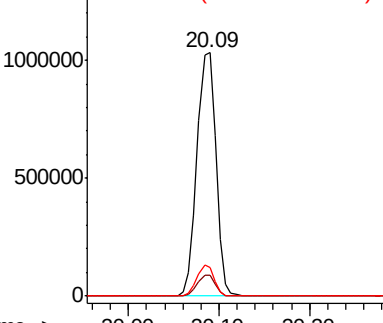
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.6	9.0	13.4

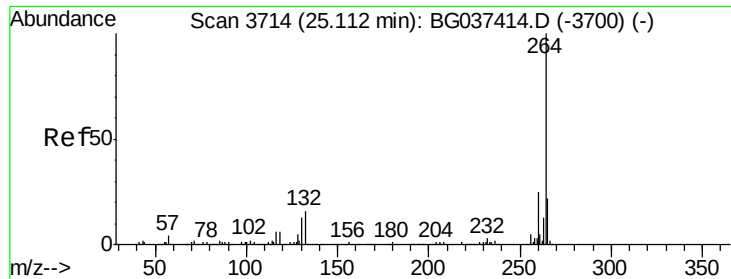


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

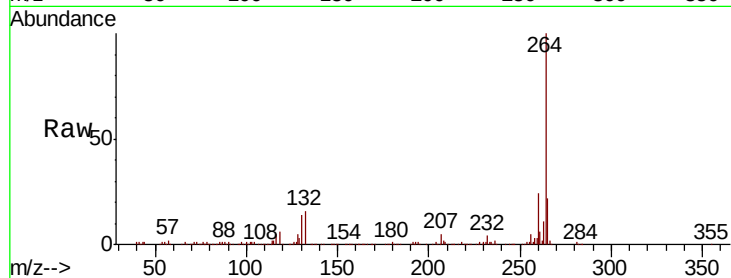




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.9	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

