

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032183.D
 Acq On : 20 Jan 2018 17:27
 Operator : SJ/JU
 Sample : PB105837BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 02:02:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

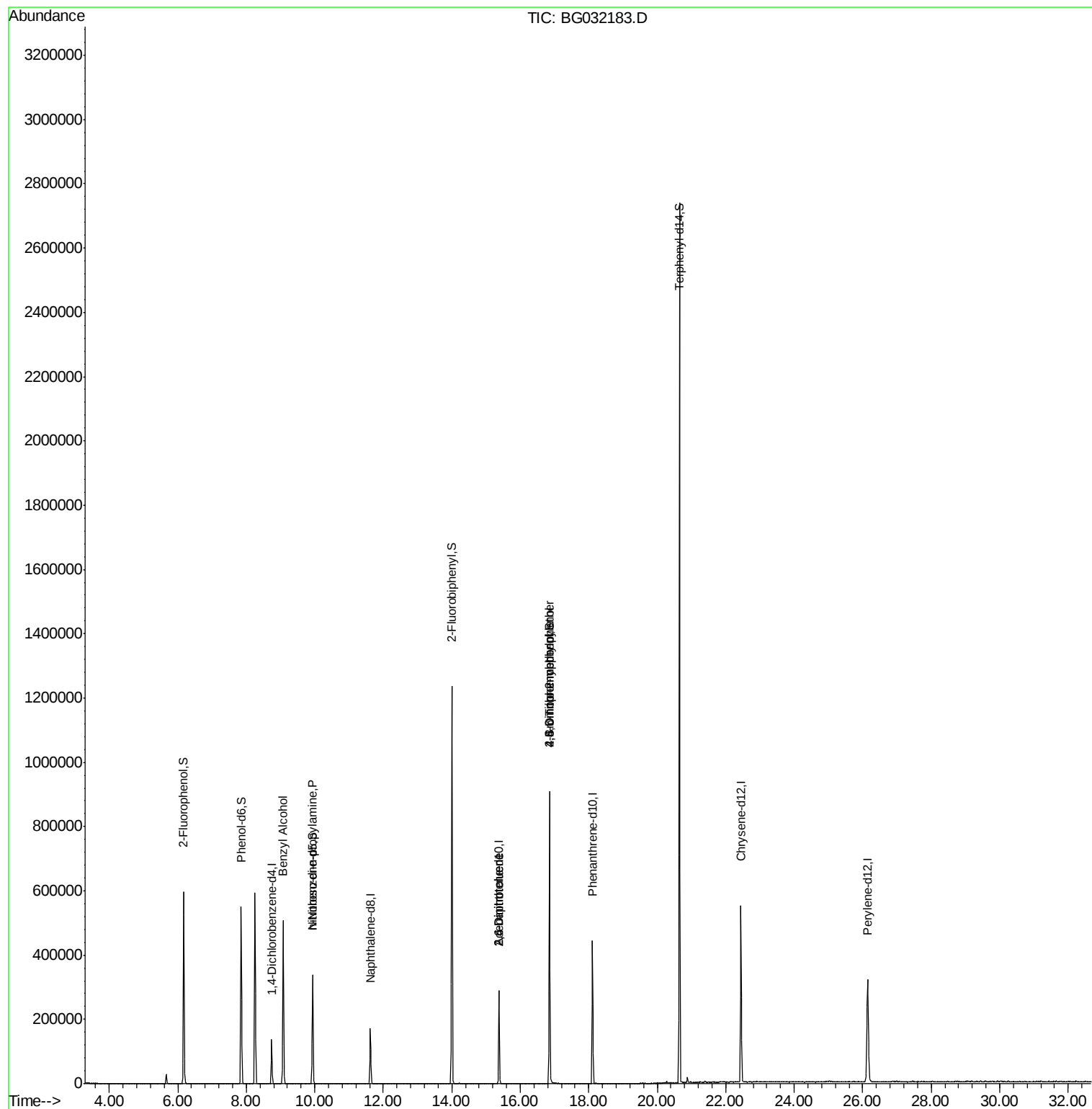
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	46245	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	173746	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	111870	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	296579	20.00	ng	0.00
75) Chrysene-d12	22.44	240	417315	20.00	ng	0.00
86) Perylene-d12	26.14	264	438846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	294448	116.45	ng	0.00
7) Phenol-d6	7.85	99	351243	110.30	ng	0.00
23) Nitrobenzene-d5	9.94	82	210732	82.06	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	207387	112.03	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	729736	80.88	ng	0.00
78) Terphenyl-d14	20.65	244	1475594	78.07	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.07	79	4678	2.022	ng	# 37
19) n-Nitroso-di-n-propylamine	9.94	70	28671	14.511	ng	# 73
50) 2,6-Dinitrotoluene	15.38	165	14474	7.123	ng	# 19
56) 2,4-Dinitrotoluene	15.38	165	14474	5.291	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.85	198	700	5.216	ng	# 1
66) 4-Bromophenyl-phenylether	16.85	248	17238	4.085	ng	# 1

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

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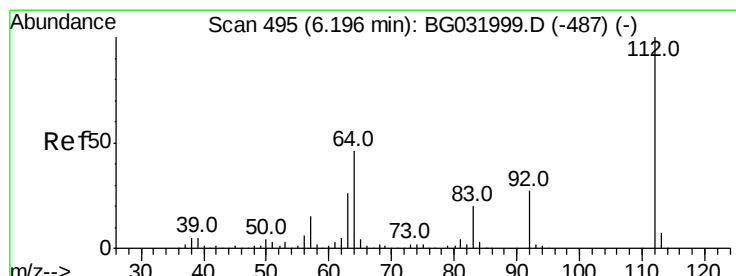
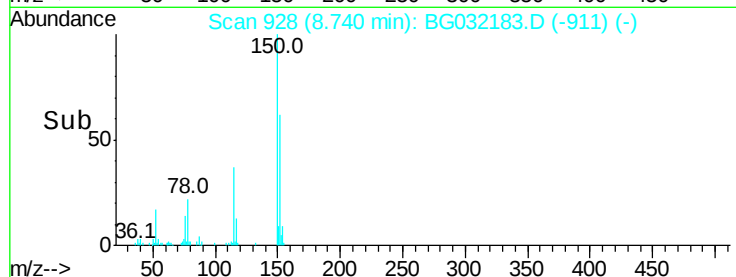
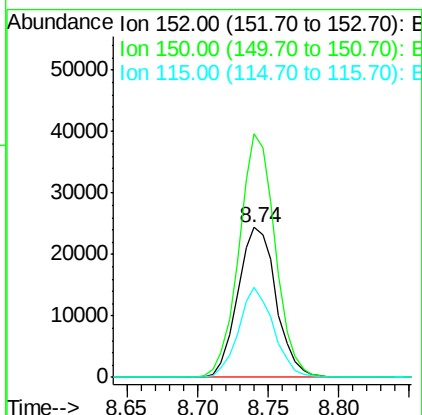
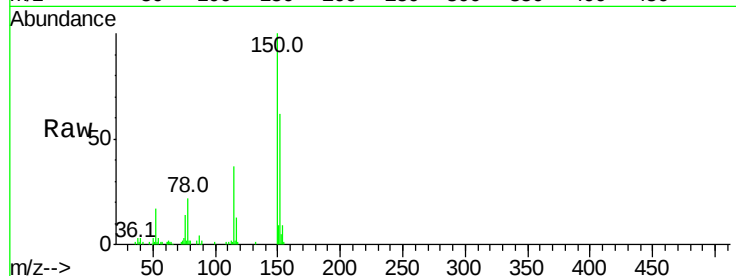


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Instrument :
BNA_G
ClientSampleId :

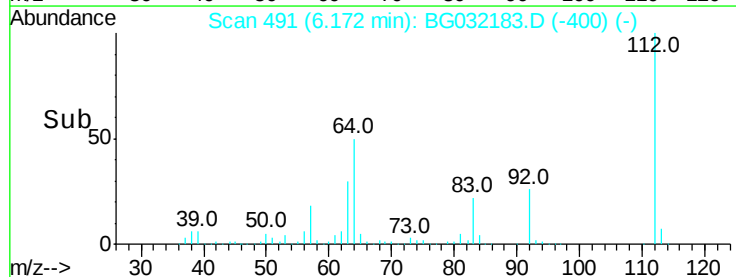
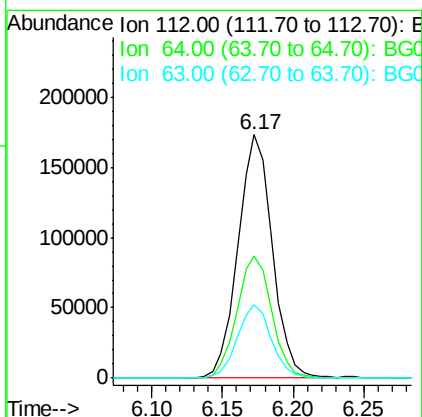
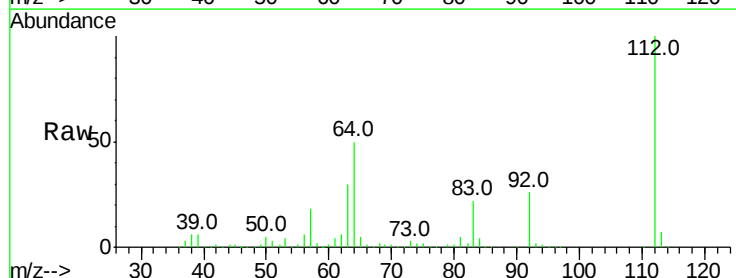
Tot Ion:152 Resp: 46245
Ion Ratio Lower Upper
152 100
150 162.4 126.6 189.8
115 59.6 53.0 79.4

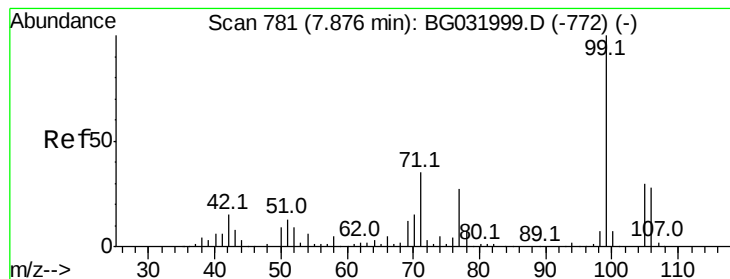


#5

2-Fluorophenol
Concen: 116.451 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Tgt Ion:112 Resp: 294448
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 30.2 30.1 45.1





#7

Phenol-d6

Concen: 110.297 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

Instrument :

BNA_G

ClientSampleId :

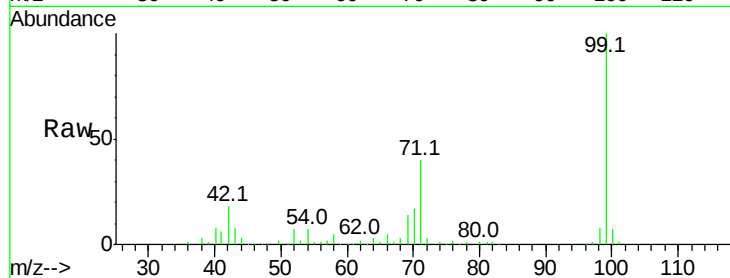
Tot Ion: 99 Resp: 351243

Ion Ratio Lower Upper

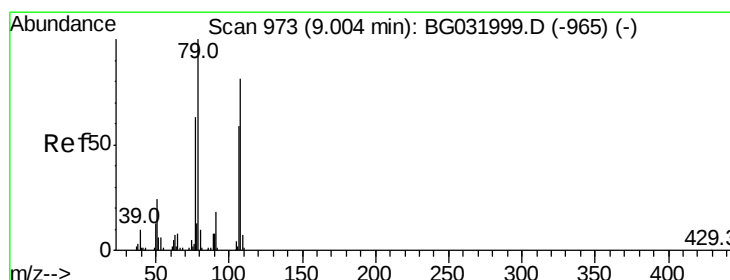
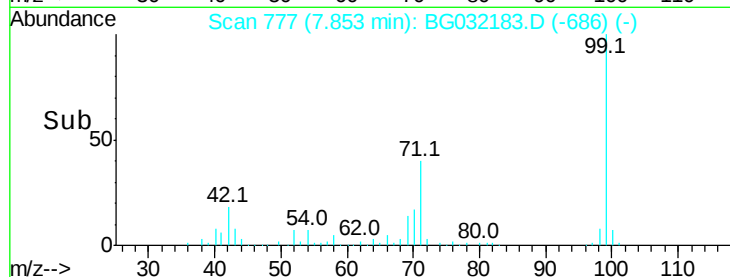
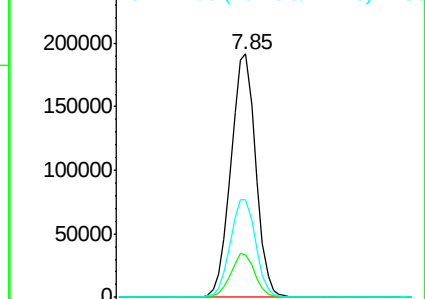
99 100

42 17.6 14.1 21.1

71 40.0 26.1 39.1#



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: 2.022 ng

RT: 9.07 min Scan# 985

Delta R.T. 0.10 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

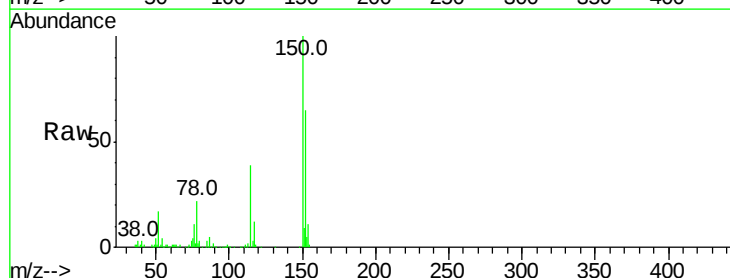
Tgt Ion: 79 Resp: 4678

Ion Ratio Lower Upper

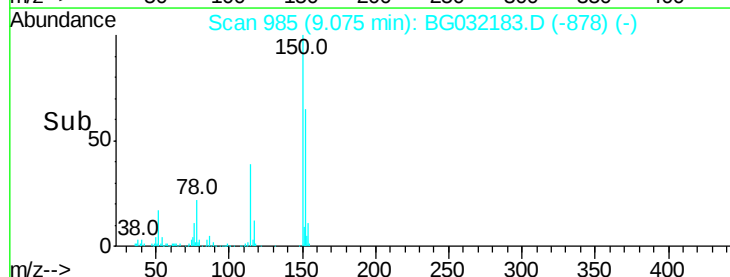
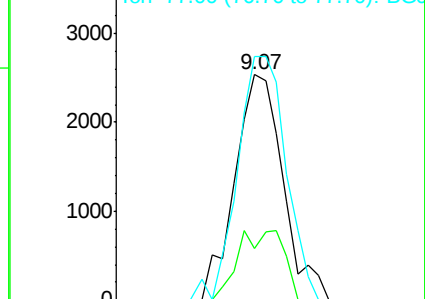
79 100

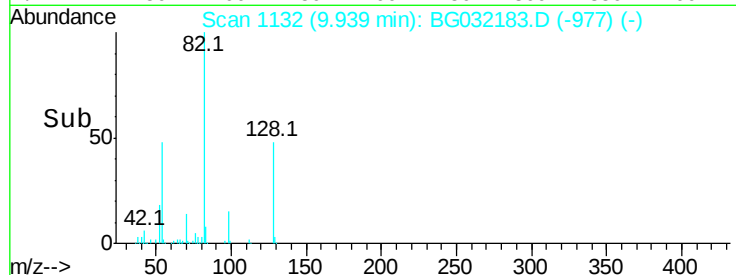
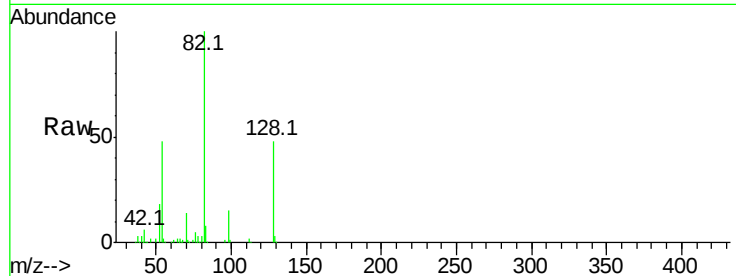
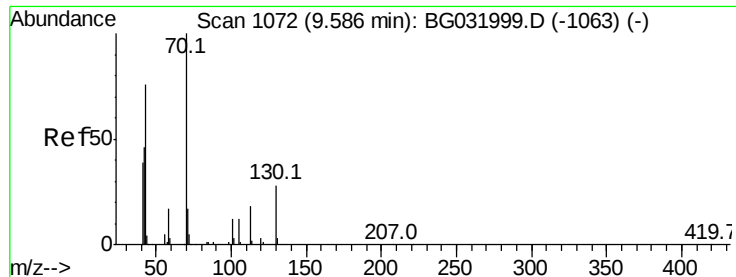
108 23.2 57.2 85.8#

77 108.1 46.1 69.1#



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

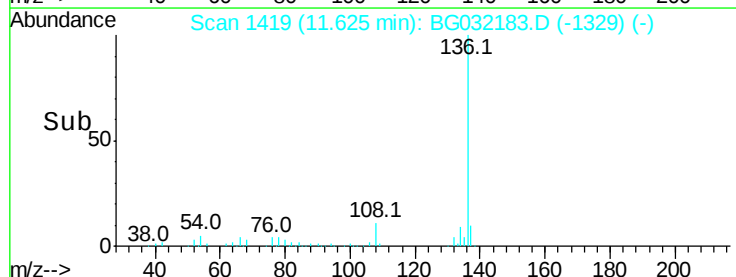
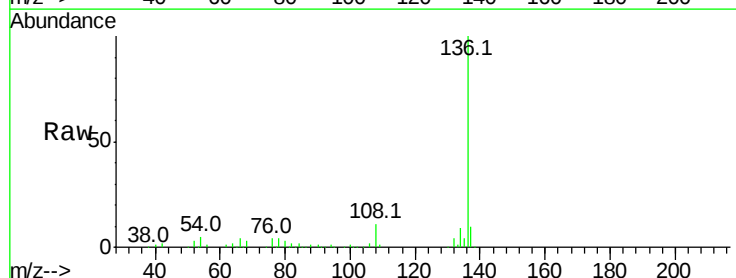
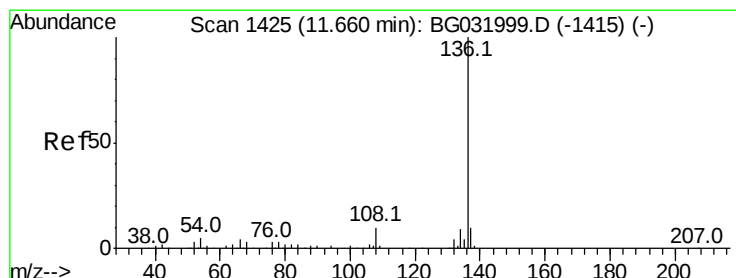
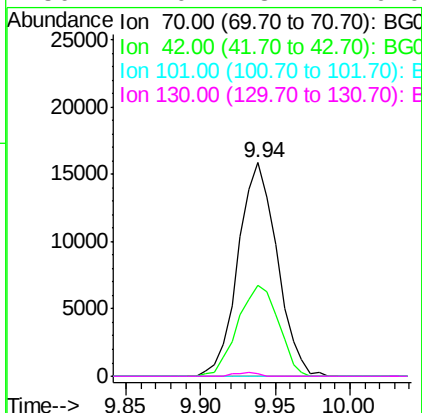




#19
n-Nitroso-di-n-propylamine
Concen: 14.511 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

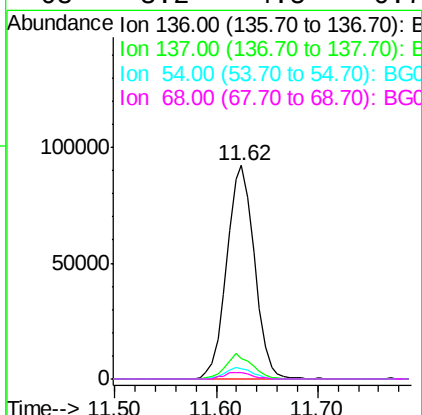
Instrument :
BNA_G
ClientSampleId :

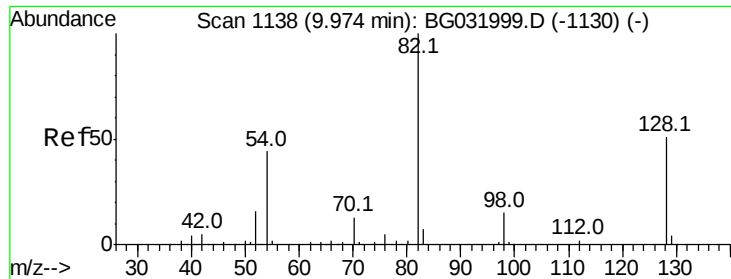
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	4.7	10.3	15.5#
68	3.2	4.5	6.7#

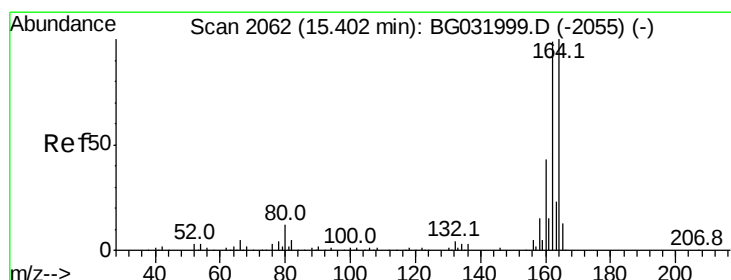
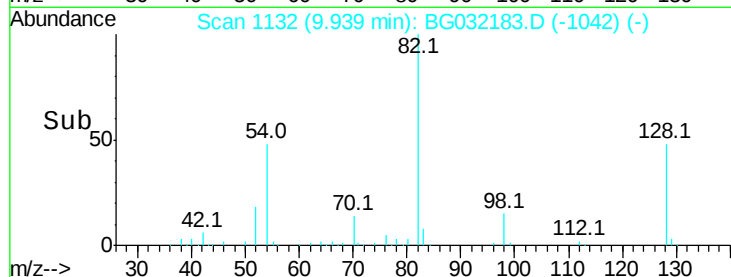
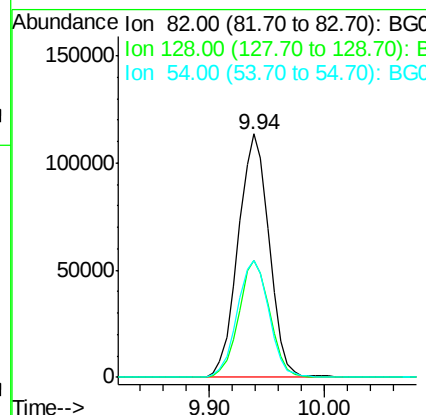
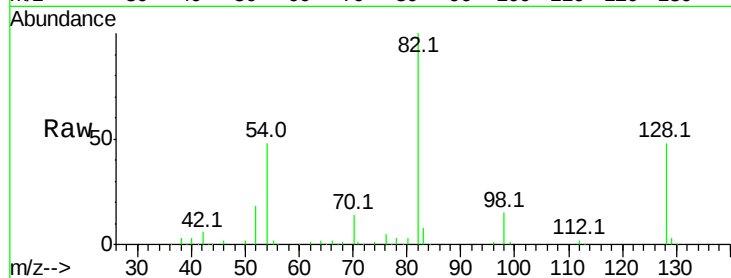




#23
Nitrobenzene-d5
Concen: 82.056 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

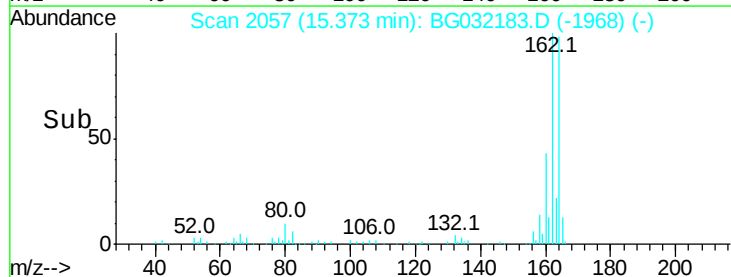
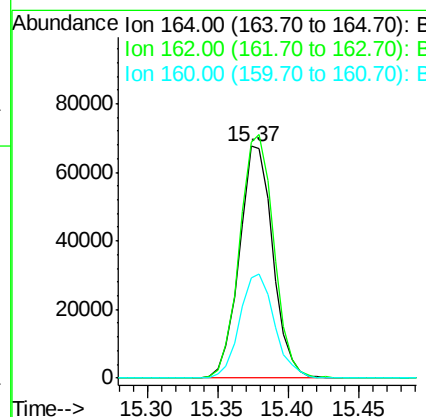
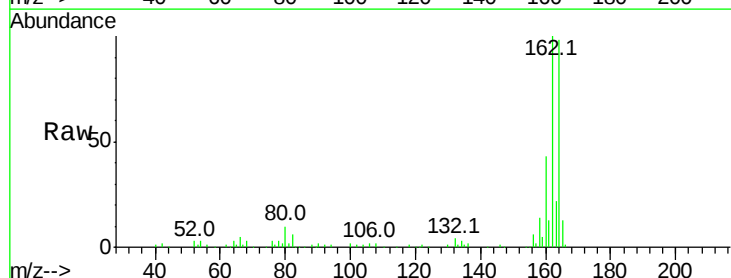
Instrument :
BNA_G
ClientSampled :

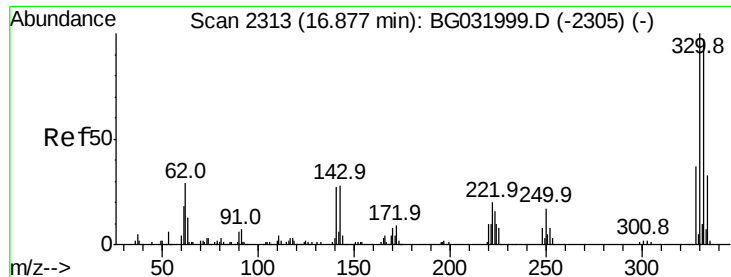
Tot Ion: 82 Resp: 210732
Ion Ratio Lower Upper
82 100
128 48.1 29.7 44.5#
54 48.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Tgt Ion:164 Resp: 111870
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 43.4 35.4 53.0

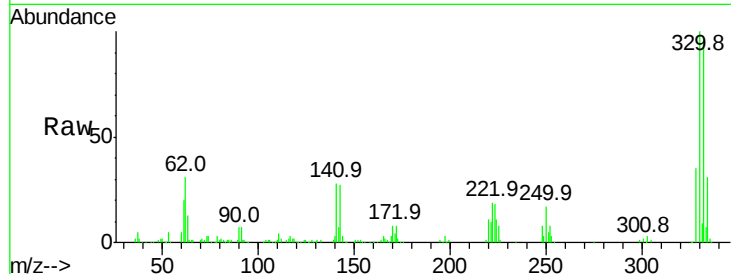




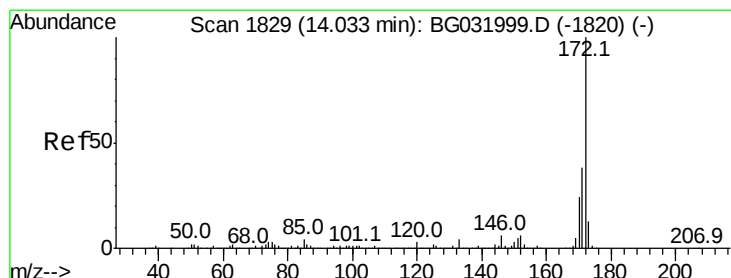
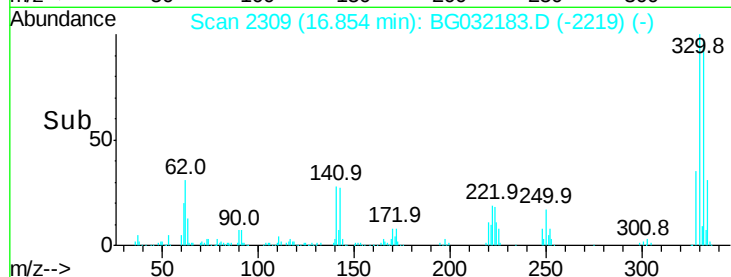
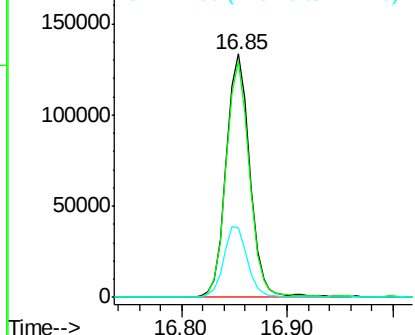
#41
 2,4,6-Tribromophenol
 Concen: 112.029 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032183.D
 Acq: 20 Jan 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	29.1	25.2	37.8

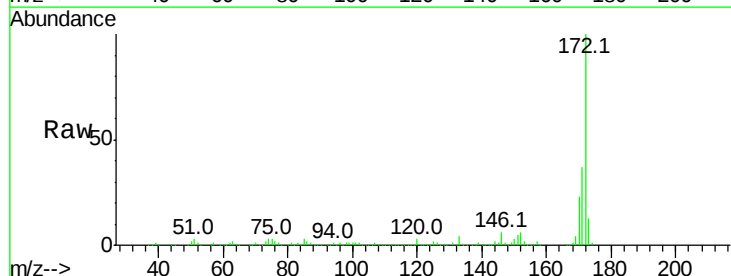


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

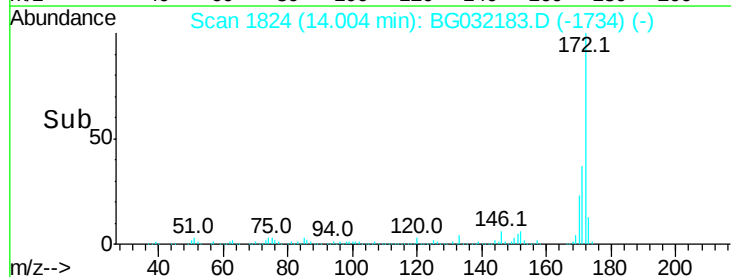
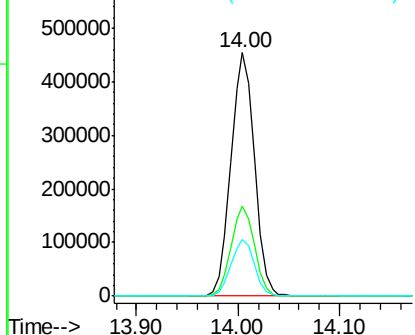


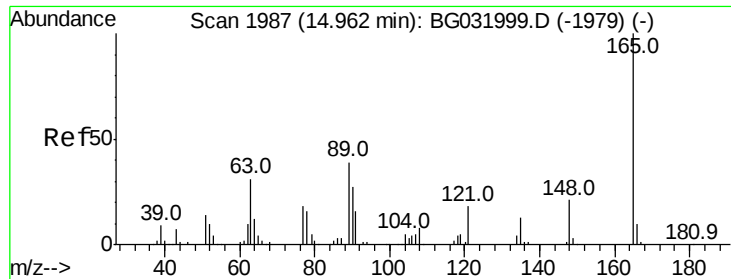
#44
 2-Fluorobiphenyl
 Concen: 80.883 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032183.D
 Acq: 20 Jan 2018 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.5	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

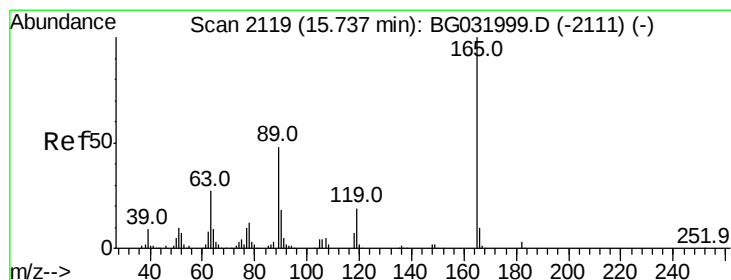
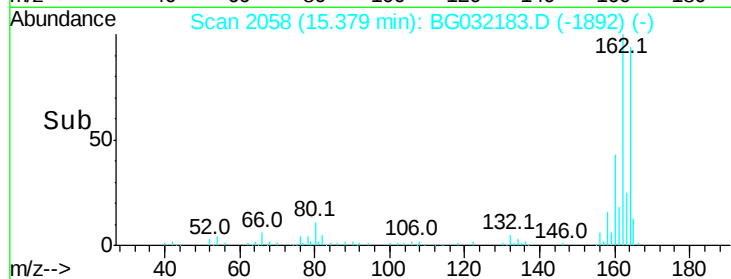
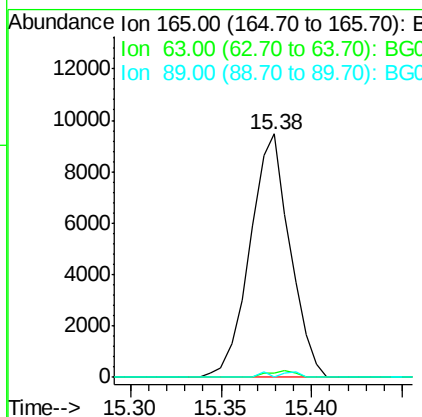
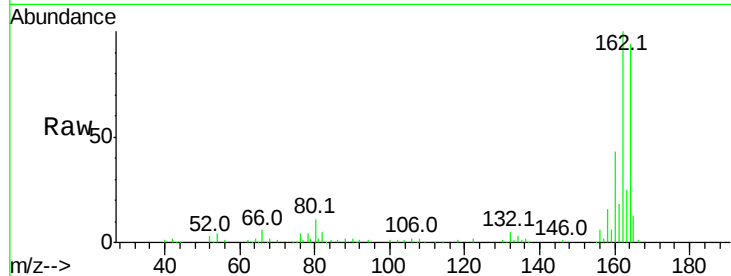




#50
 2,6-Dinitrotoluene
 Concen: 7.123 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. 0.44 min
 Lab File: BG032183.D
 Acq: 20 Jan 2018 17:27

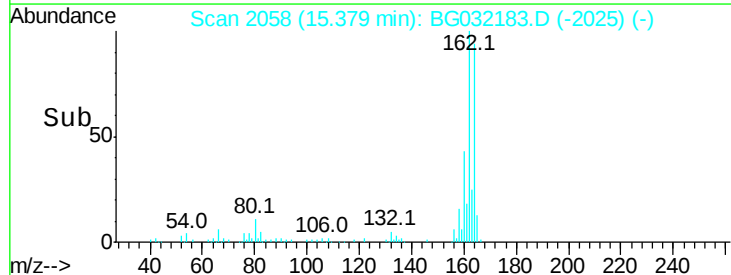
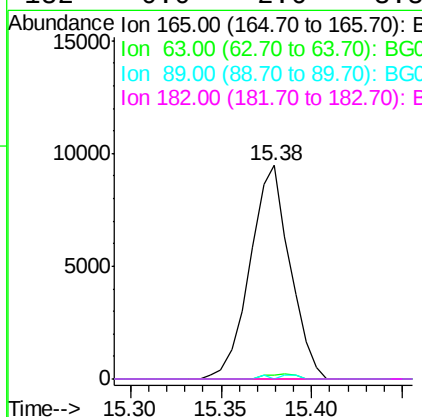
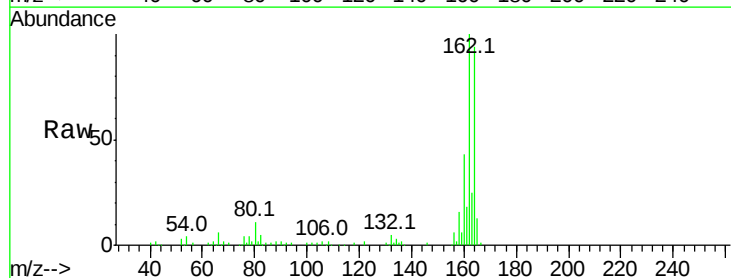
Instrument :
 BNA_G
 ClientSampleId :

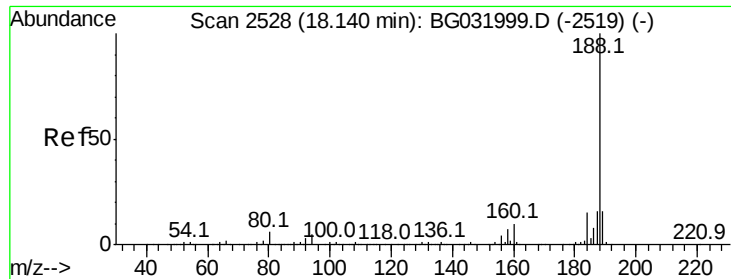
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.291 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.34 min
 Lab File: BG032183.D
 Acq: 20 Jan 2018 17:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

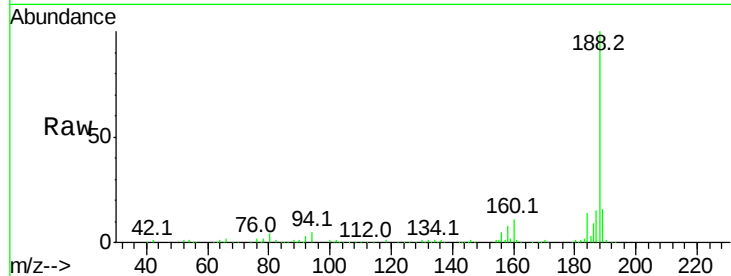




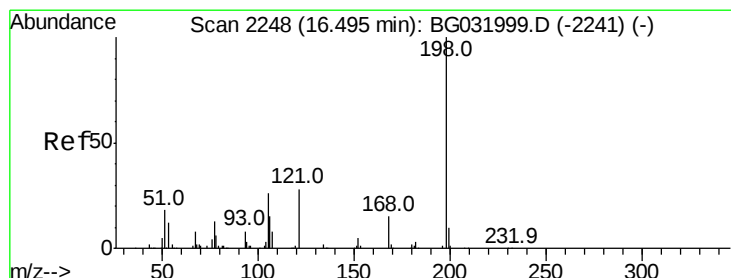
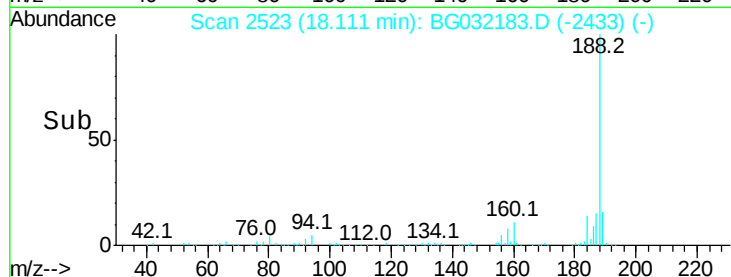
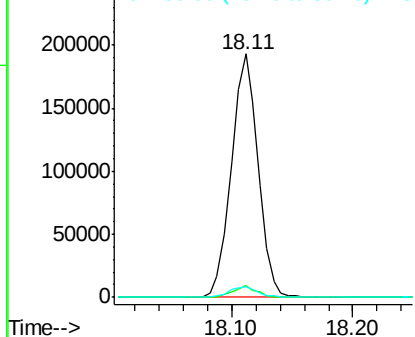
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 296579
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 4.2 7.7 11.5#

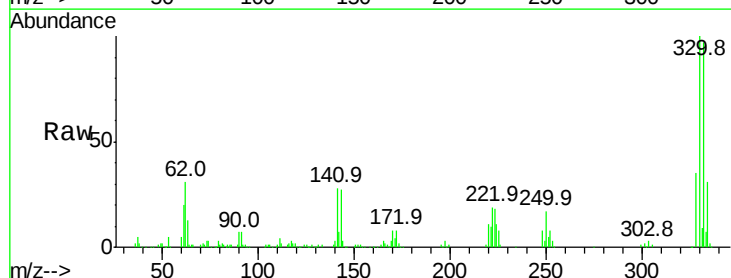


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

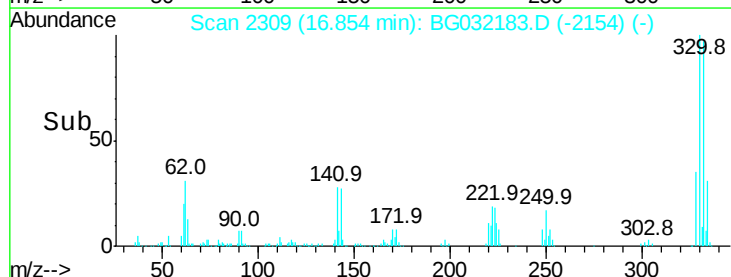
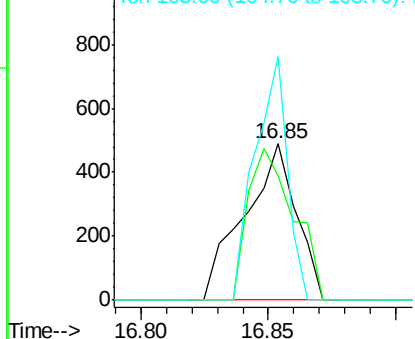


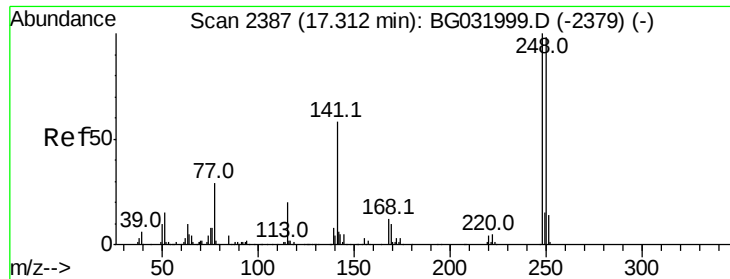
#64
4,6-Dinitro-2-methylphenol
Concen: 5.216 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Tgt Ion:198 Resp: 700
Ion Ratio Lower Upper
198 100
51 79.6 30.6 70.6#
105 155.8 23.8 63.8#



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

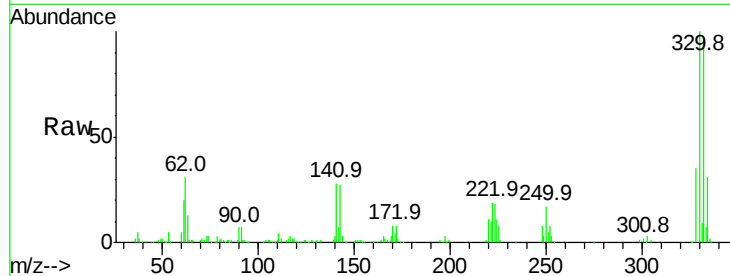




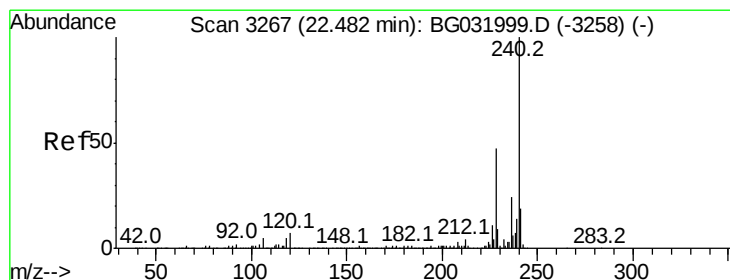
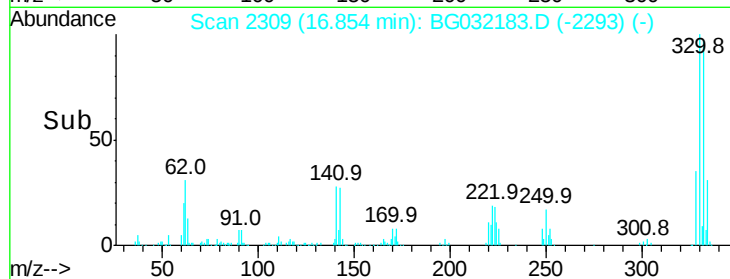
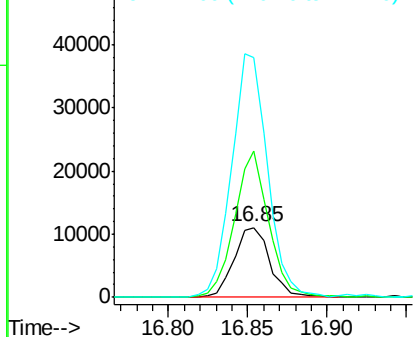
#66
4-Bromophenyl-phenylether
Concen: 4.085 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 17238
Ion Ratio Lower Upper
248 100
250 210.4 77.1 115.7#
141 344.8 50.8 76.2#

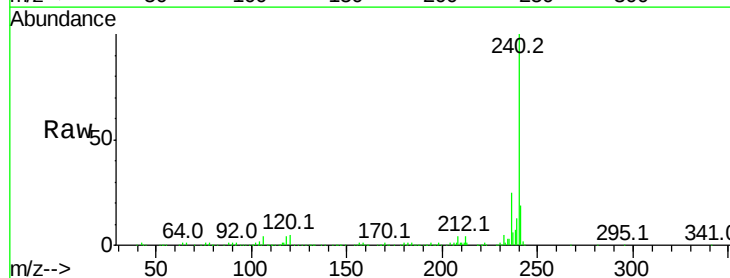


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

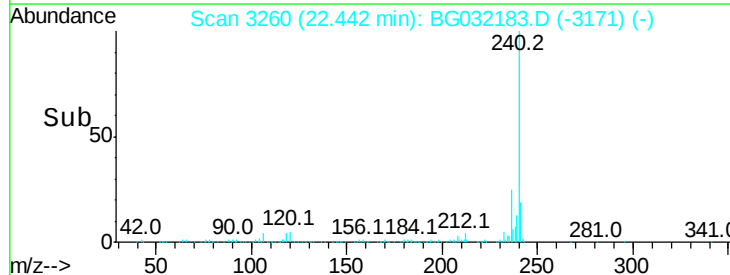
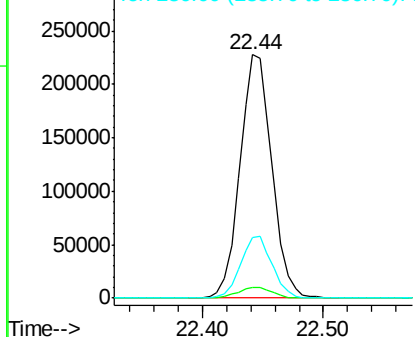


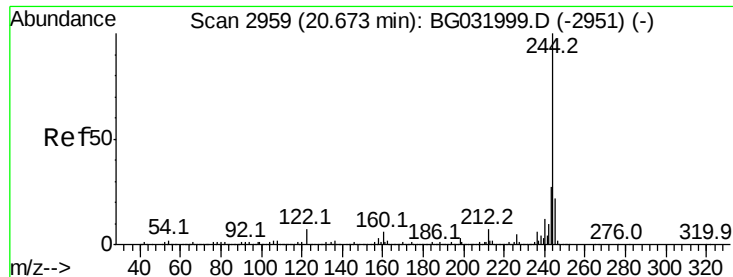
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Tgt Ion:240 Resp: 417315
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 24.9 20.9 31.3



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





#78

Terphenyl-d14

Concen: 78.075 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

Instrument :

BNA_G

ClientSampled :

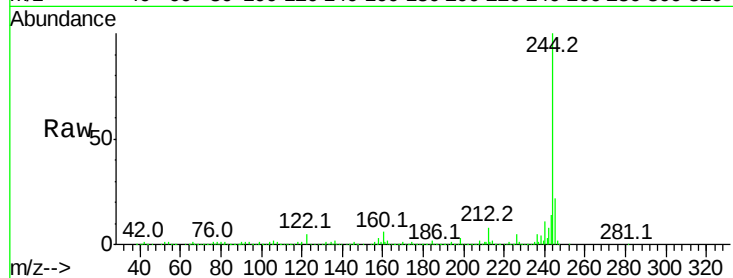
Tot Ion:244 Resp: 1475594

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

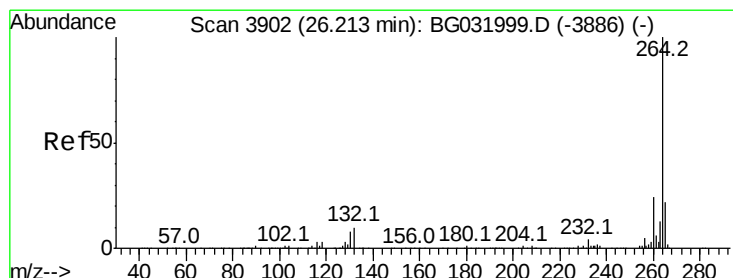
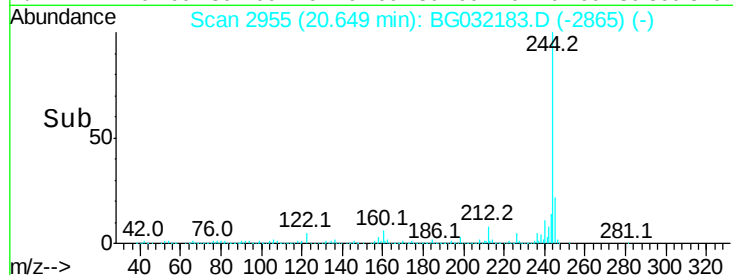
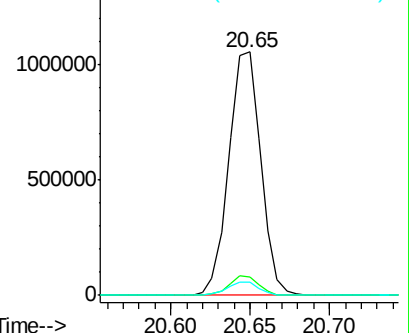
122 5.5 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.14 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

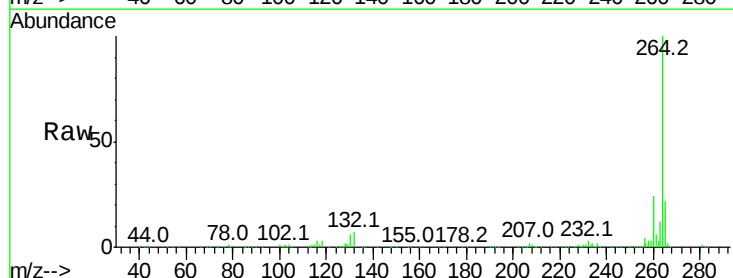
Tgt Ion:264 Resp: 438846

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.6 17.7 26.5



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

