

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032476.D
 Acq On : 31 Jan 2018 21:46
 Operator : SJ/JU
 Sample : J1023-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 01:40:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

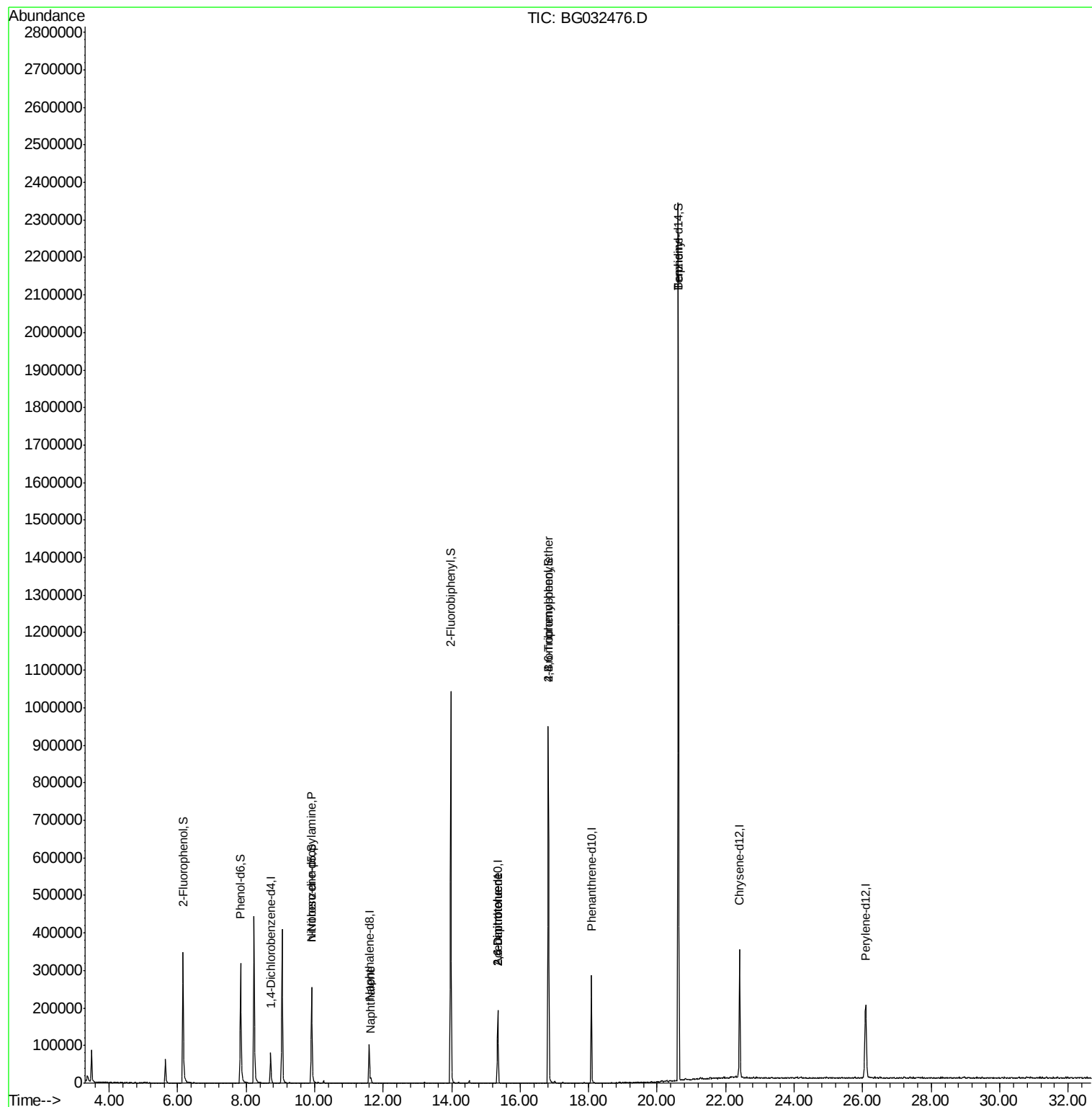
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	28627	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	108489	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	75805	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	198857	20.00	ng	0.00
75) Chrysene-d12	22.41	240	261110	20.00	ng	0.00
86) Perylene-d12	26.08	264	278726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	196980	138.21	ng	0.00
7) Phenol-d6	7.84	99	224375	117.98	ng	0.00
23) Nitrobenzene-d5	9.91	82	173587	99.94	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	233025	161.49	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	642537	100.75	ng	-0.01
78) Terphenyl-d14	20.62	244	1275245	104.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	25303	20.065	ng	# 77
31) Naphthalene	11.64	128	12670	2.391	ng	# 94
50) 2,6-Dinitrotoluene	15.35	165	9767	6.658	ng	# 21
56) 2,4-Dinitrotoluene	15.35	165	9767	4.676	ng	# 19
66) 4-Bromophenyl-phenylether	16.82	248	19059	6.469	ng	# 1
76) Benzidine	20.62	184	18234	3.556	ng	# 91

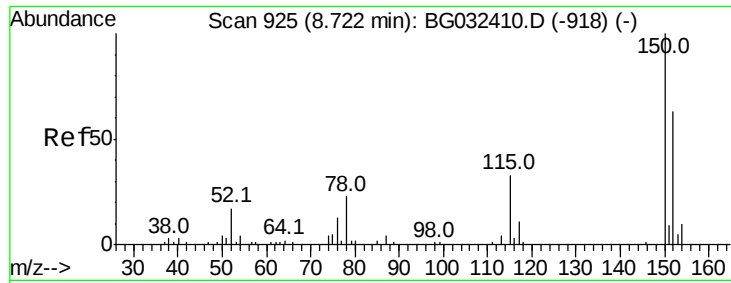
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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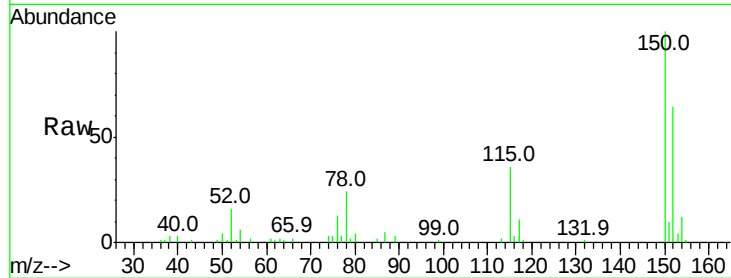


#1

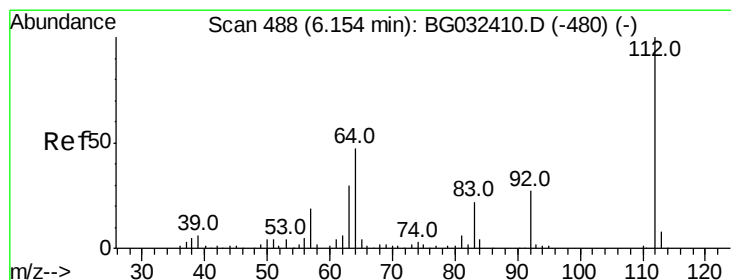
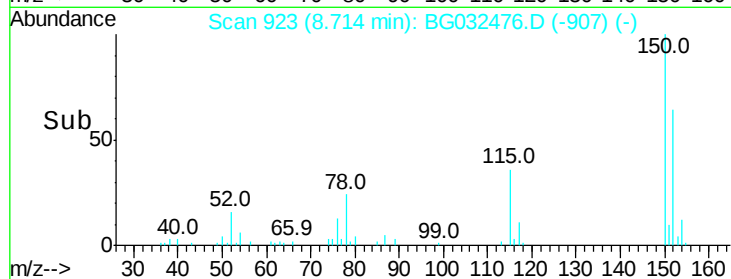
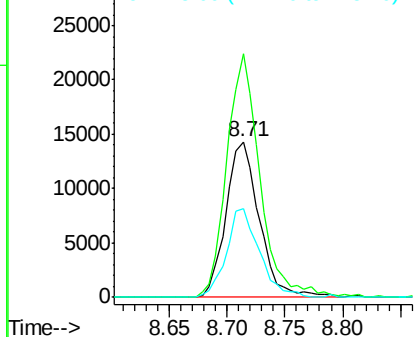
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032476.D
Acq: 31 Jan 2018 21:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28627
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 56.8 53.0 79.4



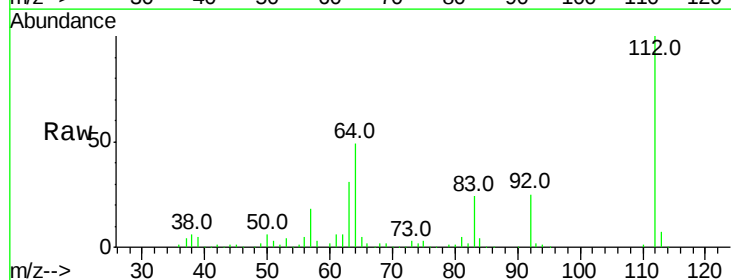
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



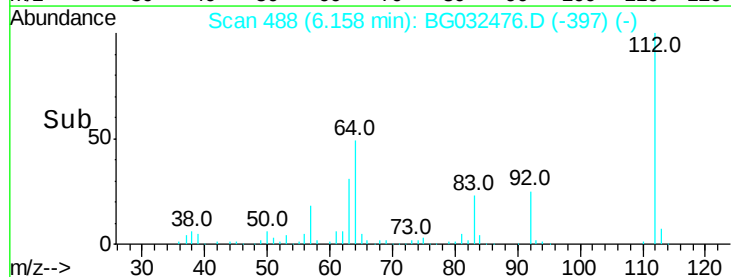
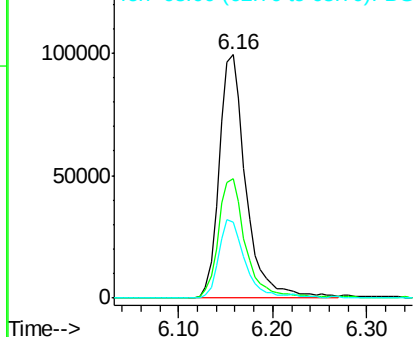
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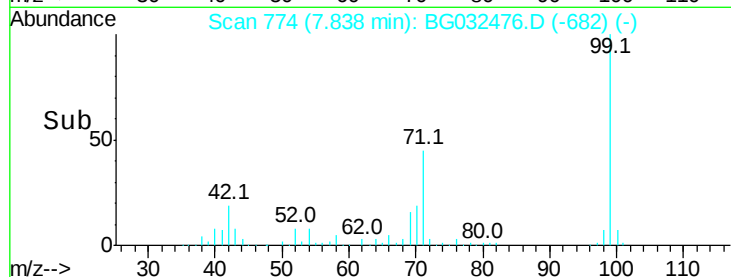
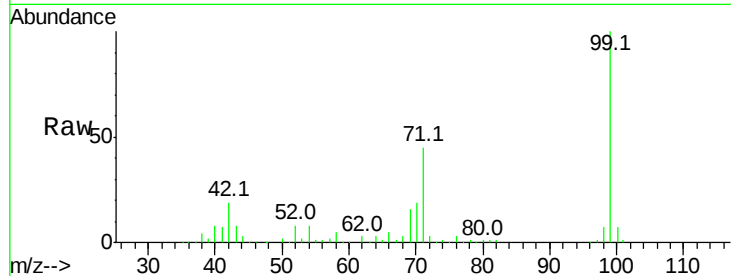
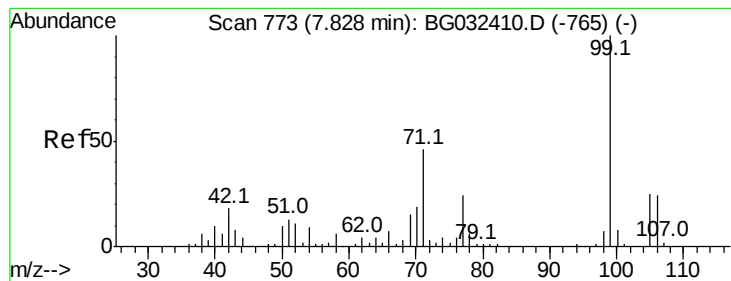
2-Fluorophenol
Concen: 138.207 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032476.D
Acq: 31 Jan 2018 21:46

Tgt Ion:112 Resp: 196980
Ion Ratio Lower Upper
112 100
64 49.1 56.3 84.5#
63 31.0 30.1 45.1



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: 117.975 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032476.D

Acq: 31 Jan 2018 21:46

Instrument :

BNA_G

ClientSampleId :

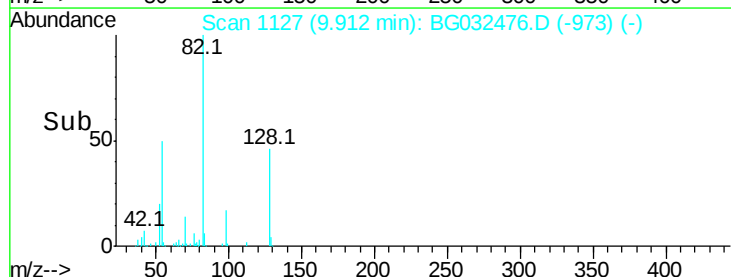
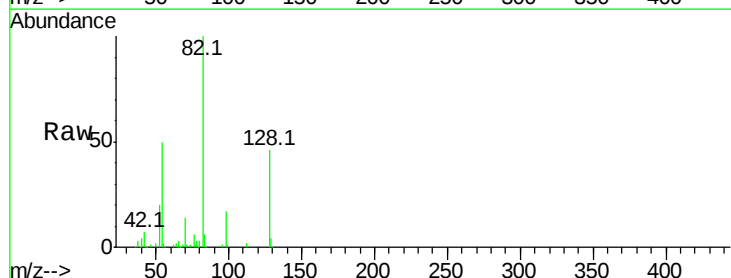
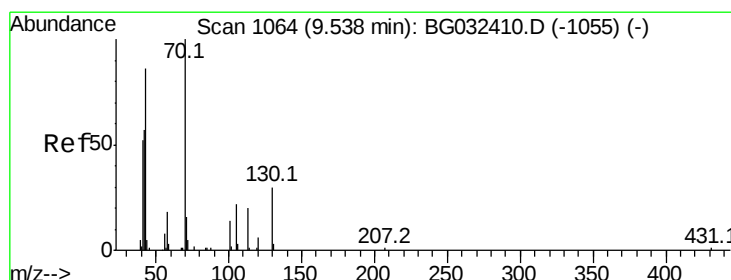
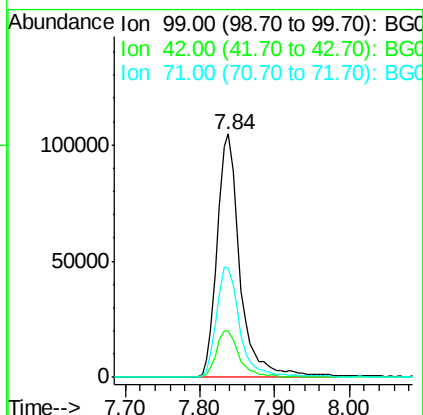
Tot Ion: 99 Resp: 224375

Ion Ratio Lower Upper

99 100

42 19.2 14.1 21.1

71 44.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 20.065 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032476.D

Acq: 31 Jan 2018 21:46

Tgt Ion: 70 Resp: 25303

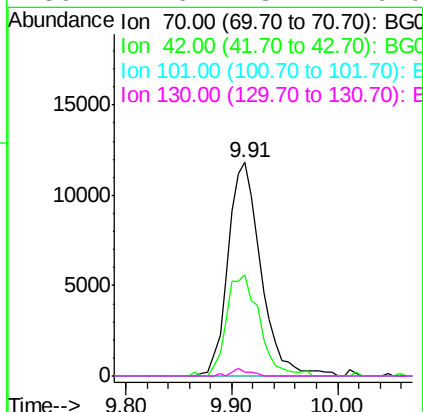
Ion Ratio Lower Upper

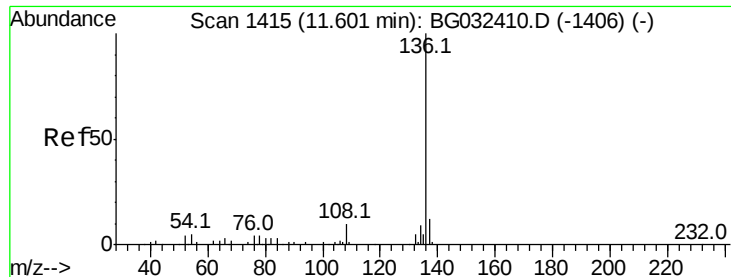
70 100

42 47.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

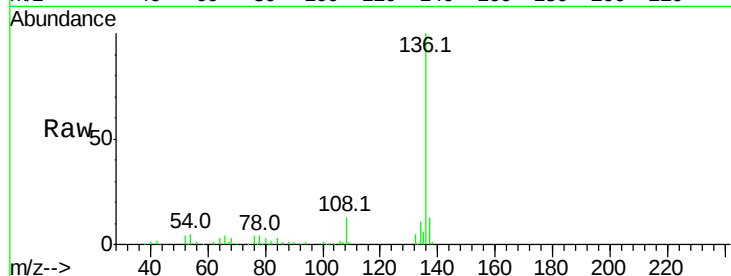




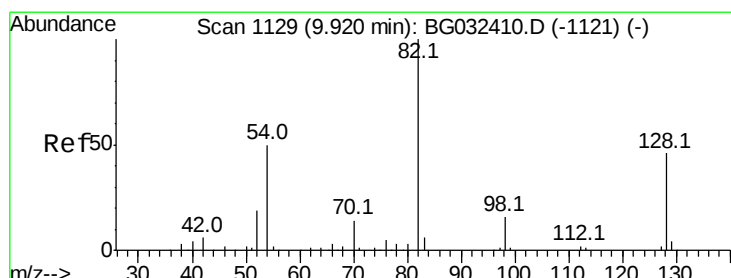
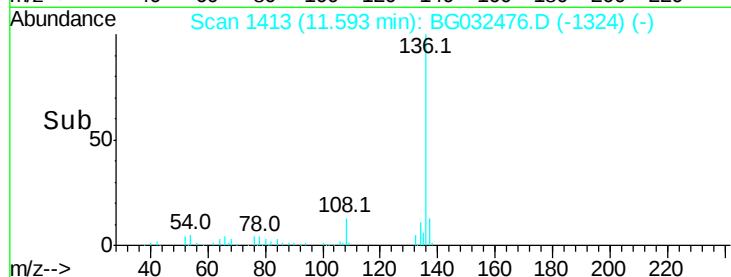
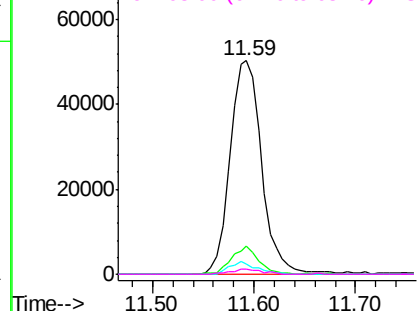
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032476.D
Acq: 31 Jan 2018 21:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 108489
Ion Ratio Lower Upper
136 100
137 13.3 9.2 13.8
54 4.9 10.3 15.5#
68 2.7 4.5 6.7#

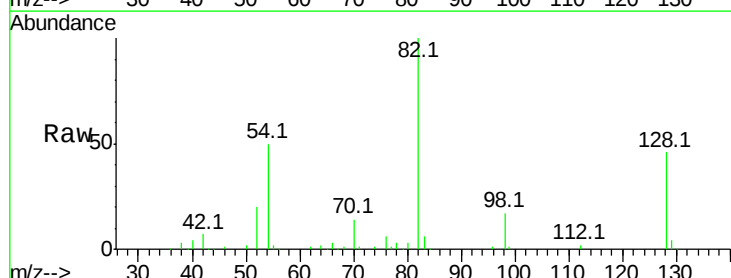


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

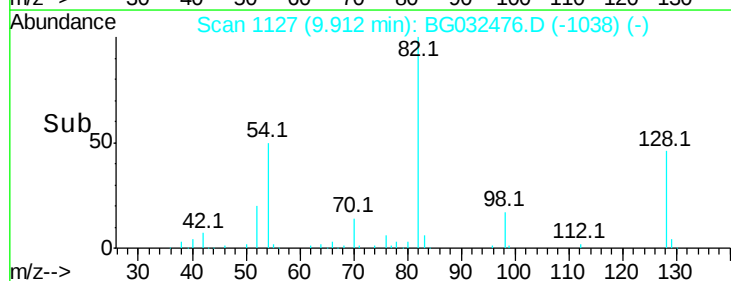
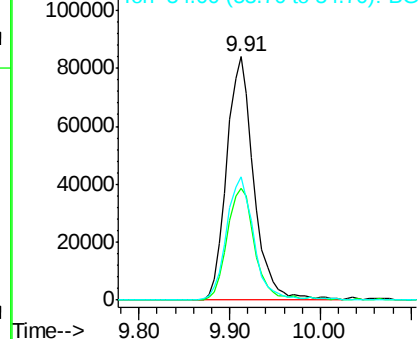


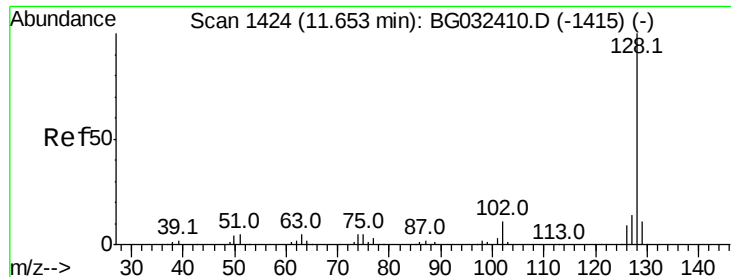
#23
Nitrobenzene-d5
Concen: 99.939 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032476.D
Acq: 31 Jan 2018 21:46

Tgt Ion: 82 Resp: 173587
Ion Ratio Lower Upper
82 100
128 45.8 29.7 44.5#
54 50.4 43.1 64.7



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

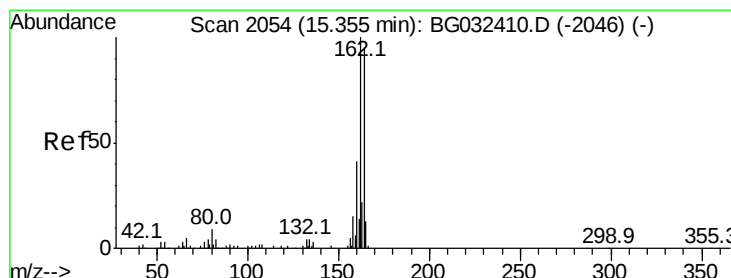
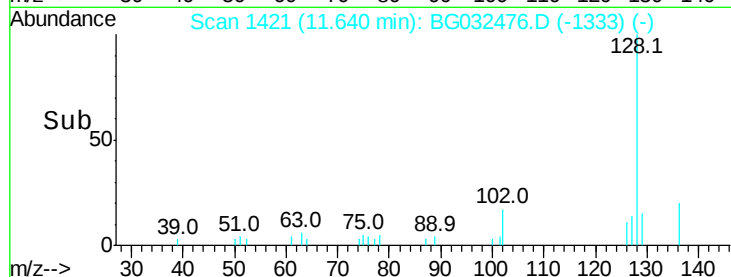
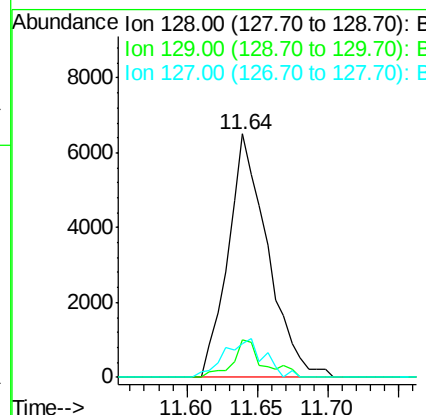
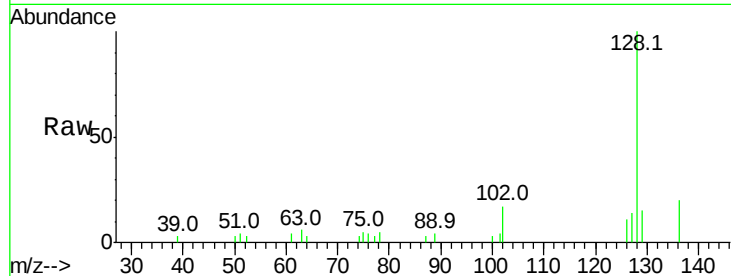




#31
Naphthalene
Concen: 2.391 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG032476.D
Acq: 31 Jan 2018 21:46

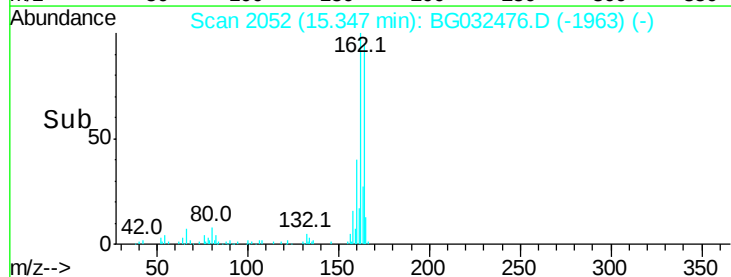
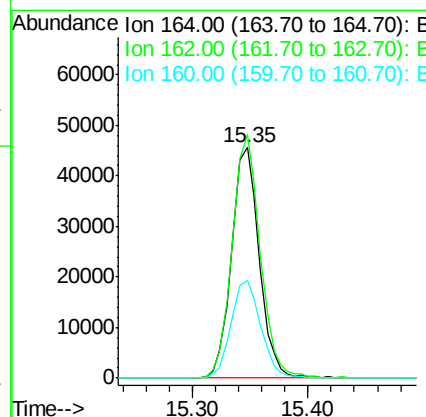
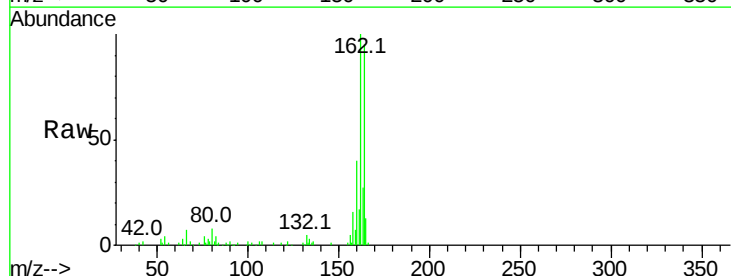
Instrument :
BNA_G
ClientSampleId :

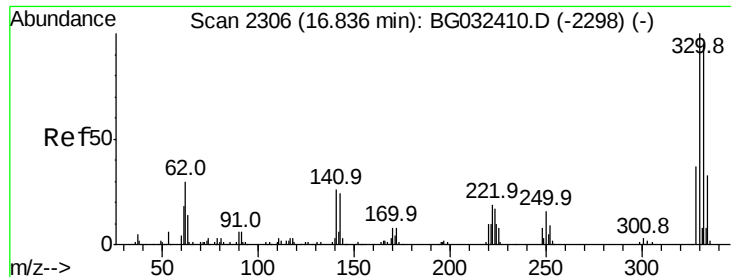
Tot Ion:128 Resp: 12670
Ion Ratio Lower Upper
128 100
129 15.2 8.6 12.8#
127 13.7 11.6 17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032476.D
Acq: 31 Jan 2018 21:46

Tgt Ion:164 Resp: 75805
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 42.3 35.4 53.0

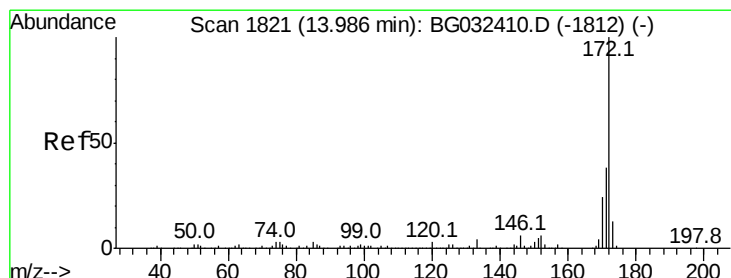
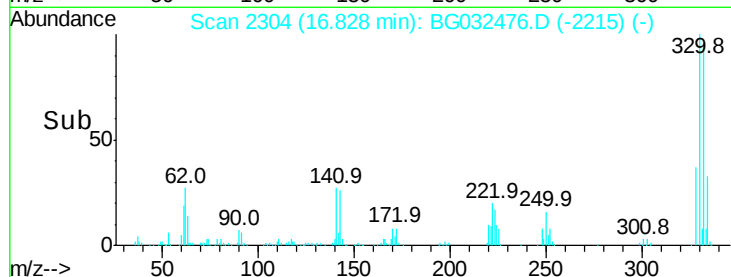
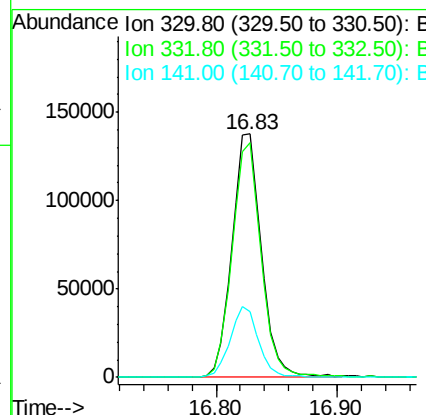
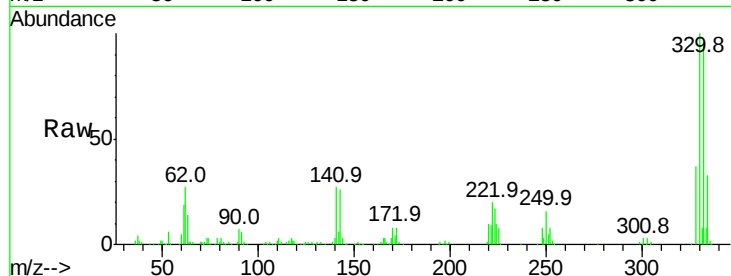




#41
 2,4,6-Tribromophenol
 Concen: 161.492 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032476.D
 Acq: 31 Jan 2018 21:46

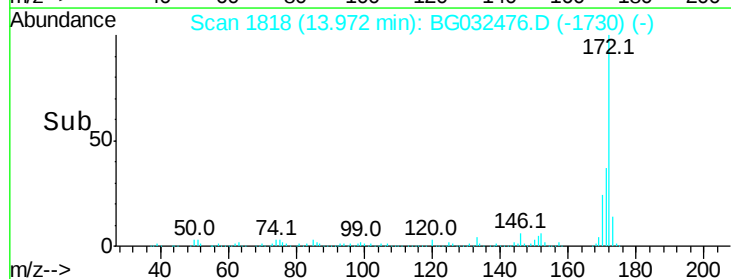
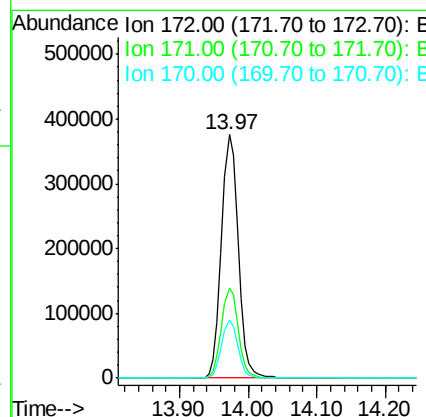
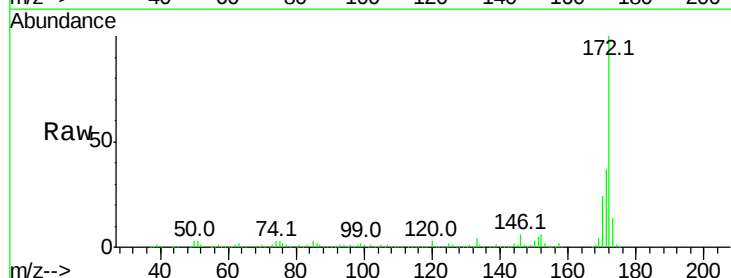
Instrument :
 BNA_G
 ClientSampleId :

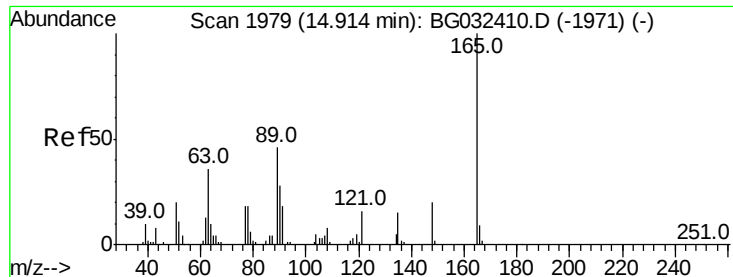
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	28.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 100.745 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032476.D
 Acq: 31 Jan 2018 21:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.7	19.5	29.3

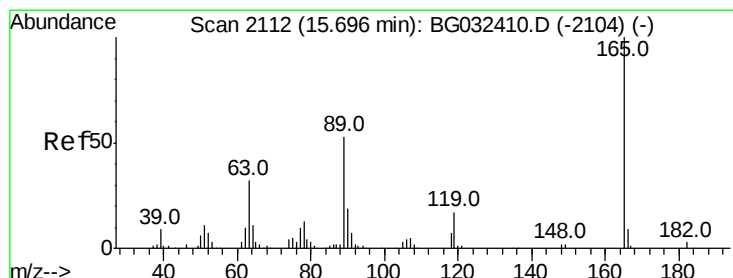
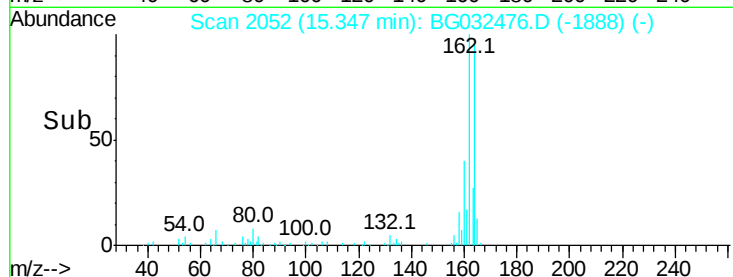
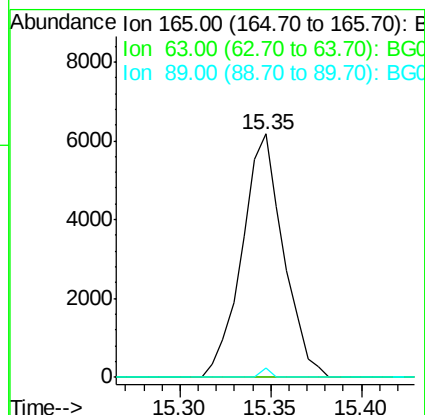
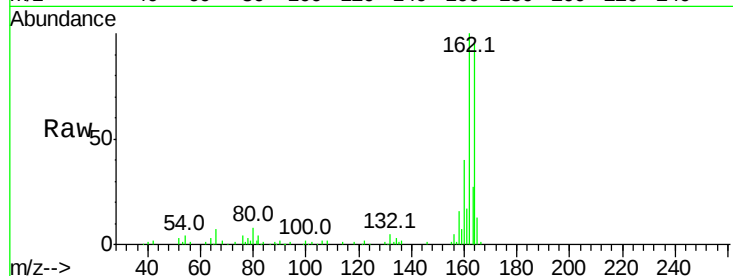




#50
2,6-Dinitrotoluene
Concen: 6.658 ng
RT: 15.35 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032476.D
Acq: 31 Jan 2018 21:46

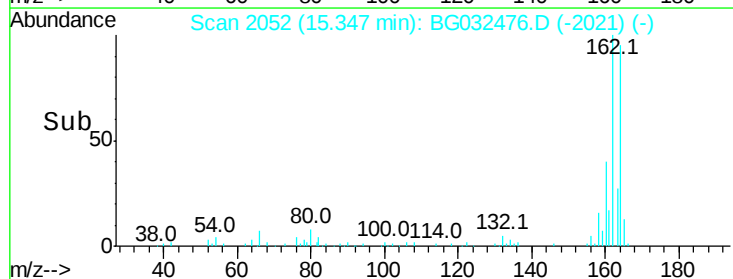
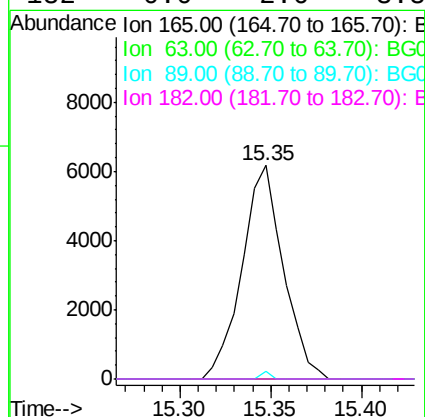
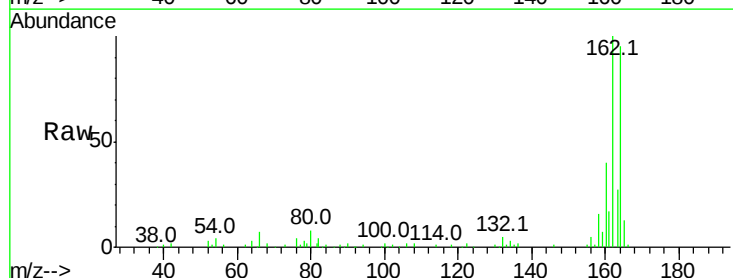
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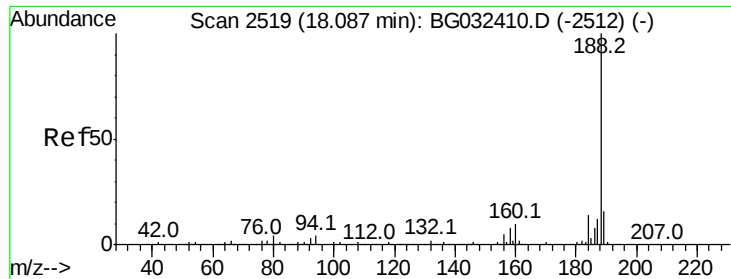
Tot Ion:165 Resp: 9767
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 3.7 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.676 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032476.D
Acq: 31 Jan 2018 21:46

Tgt Ion:165 Resp: 9767
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 3.7 66.9 100.3#
182 0.0 2.6 3.8#

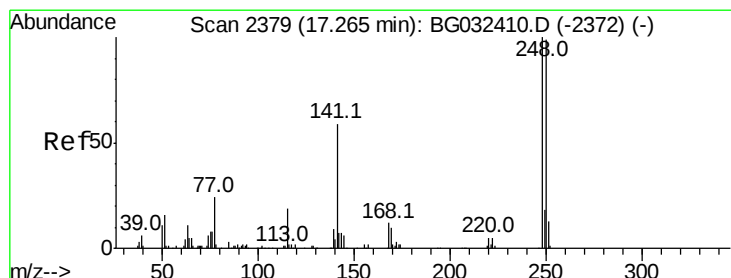
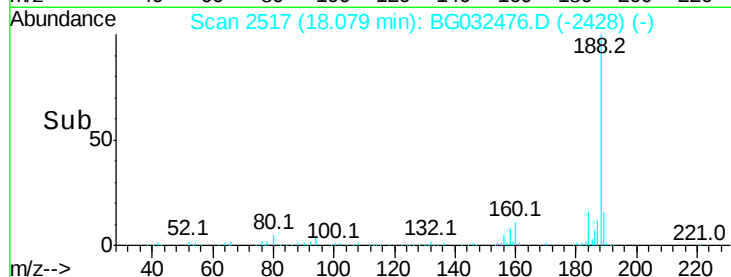
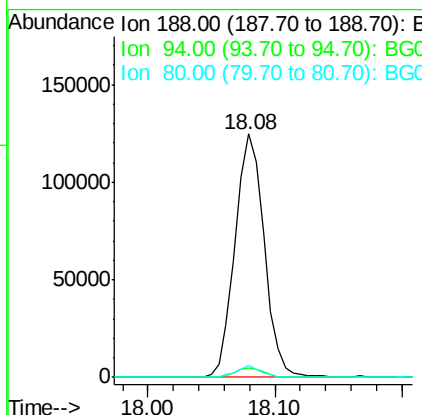
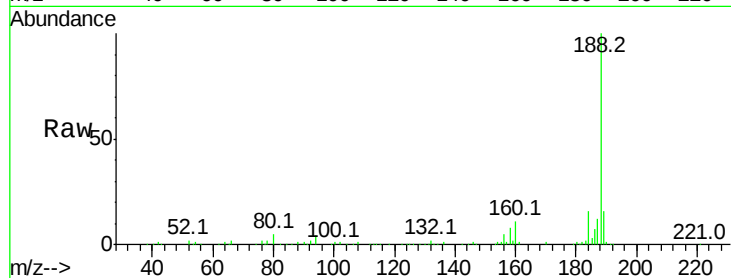




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032476.D
 Acq: 31 Jan 2018 21:46

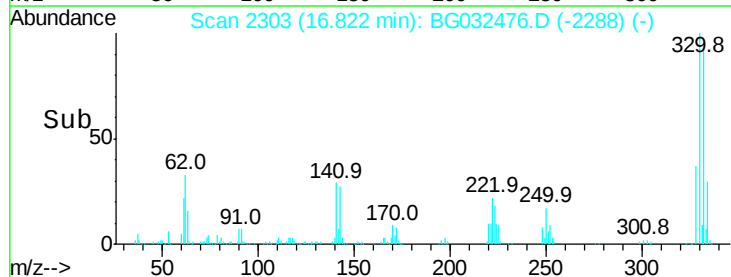
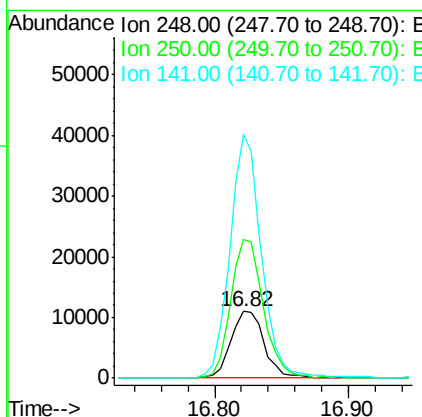
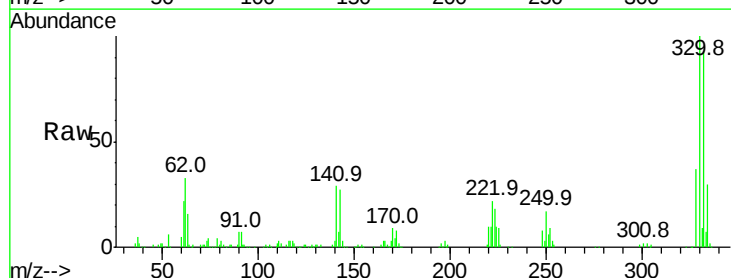
Instrument :
 BNA_G
 ClientSampleId :

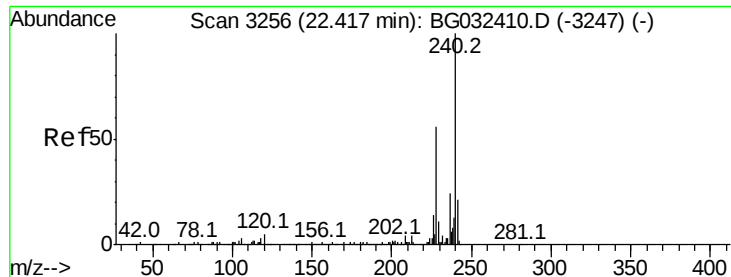
Tot Ion:188 Resp: 198857
 Ion Ratio Lower Upper
 188 100
 94 3.9 6.9 10.3#
 80 4.8 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 6.469 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.44 min
 Lab File: BG032476.D
 Acq: 31 Jan 2018 21:46

Tgt Ion:248 Resp: 19059
 Ion Ratio Lower Upper
 248 100
 250 208.1 77.1 115.7#
 141 365.1 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032476.D

Acq: 31 Jan 2018 21:46

Instrument :

BNA_G

ClientSampleId :

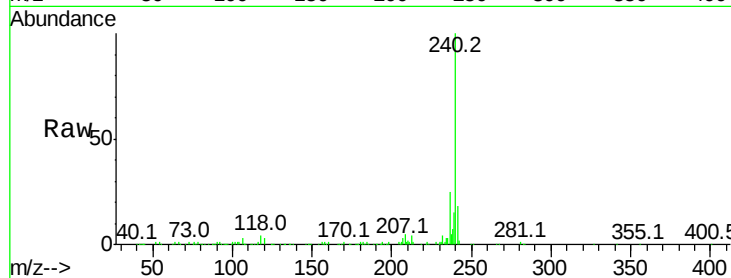
Tot Ion:240 Resp: 261110

Ion Ratio Lower Upper

240 100

120 3.4 6.8 10.2#

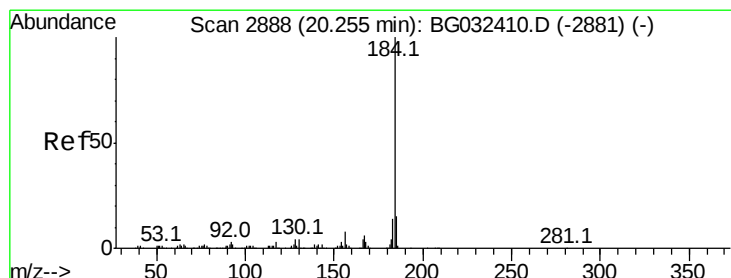
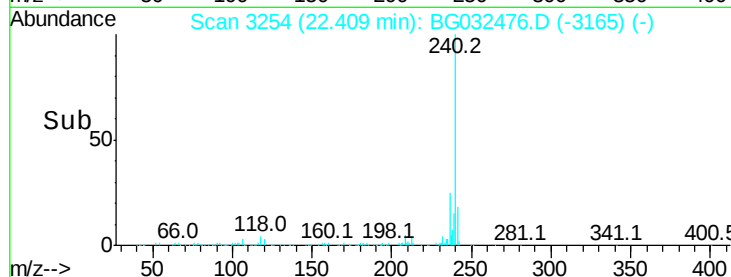
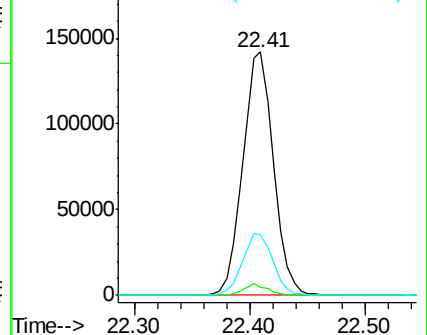
236 25.0 20.9 31.3



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



#76

Benzidine

Concen: 3.556 ng

RT: 20.62 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032476.D

Acq: 31 Jan 2018 21:46

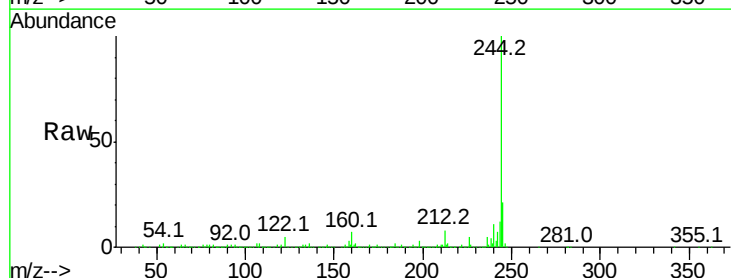
Tgt Ion:184 Resp: 18234

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

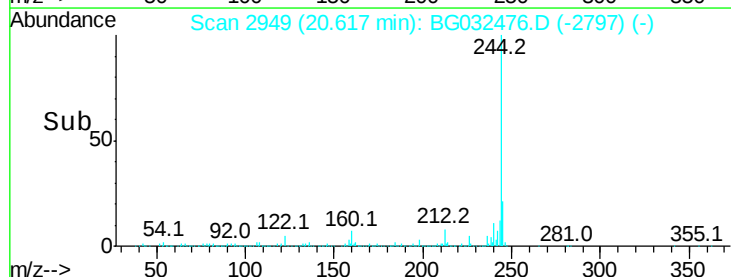
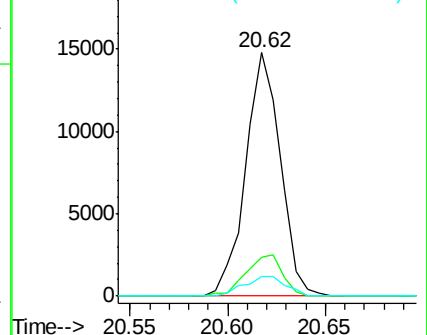
183 8.1 10.6 16.0#

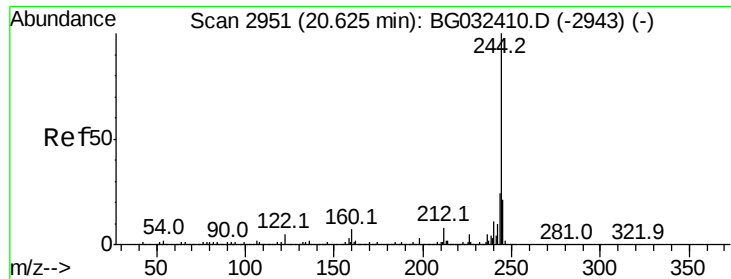


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.618 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032476.D

Acq: 31 Jan 2018 21:46

Instrument :

BNA_G

ClientSampleId :

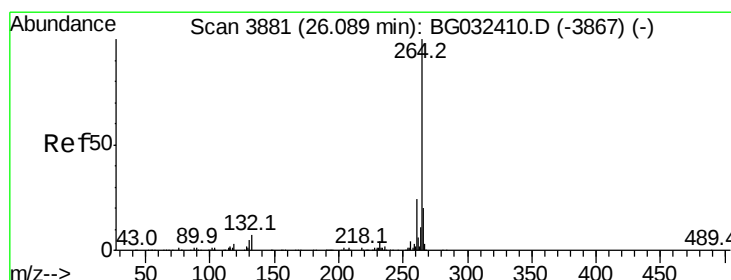
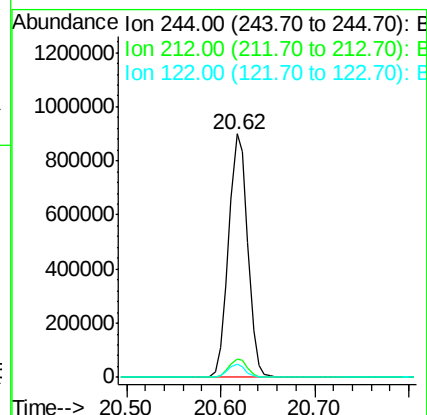
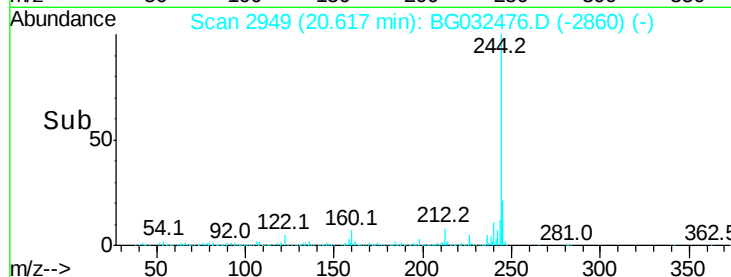
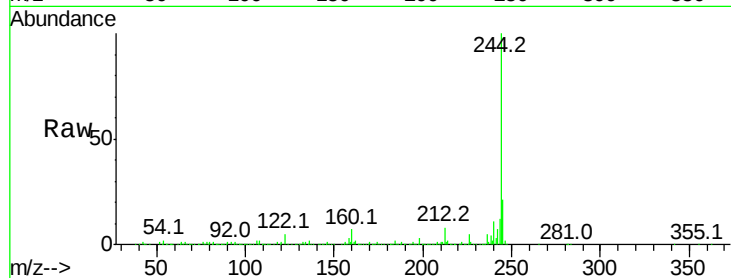
Tot Ion:244 Resp: 1275245

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 5.3 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032476.D

Acq: 31 Jan 2018 21:46

Tgt Ion:264 Resp: 278726

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 20.1 17.7 26.5

