

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032435.D
 Acq On : 30 Jan 2018 6:33
 Operator : SJ/JU
 Sample : J1338-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 07:36:35 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	8.72	152	27836	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	112457	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	85263	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	245048	20.00	ng	0.00
75) Chrysene-d12	22.42	240	294391	20.00	ng	0.00
86) Perylene-d12	26.10	264	318321	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	205361	148.18	ng	0.00
7) Phenol-d6	7.84	99	239965	129.76	ng	0.00
23) Nitrobenzene-d5	9.92	82	183543	101.94	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	245449	151.23	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	693931	96.73	ng	0.00
78) Terphenyl-d14	20.63	244	1472099	107.11	ng	0.00

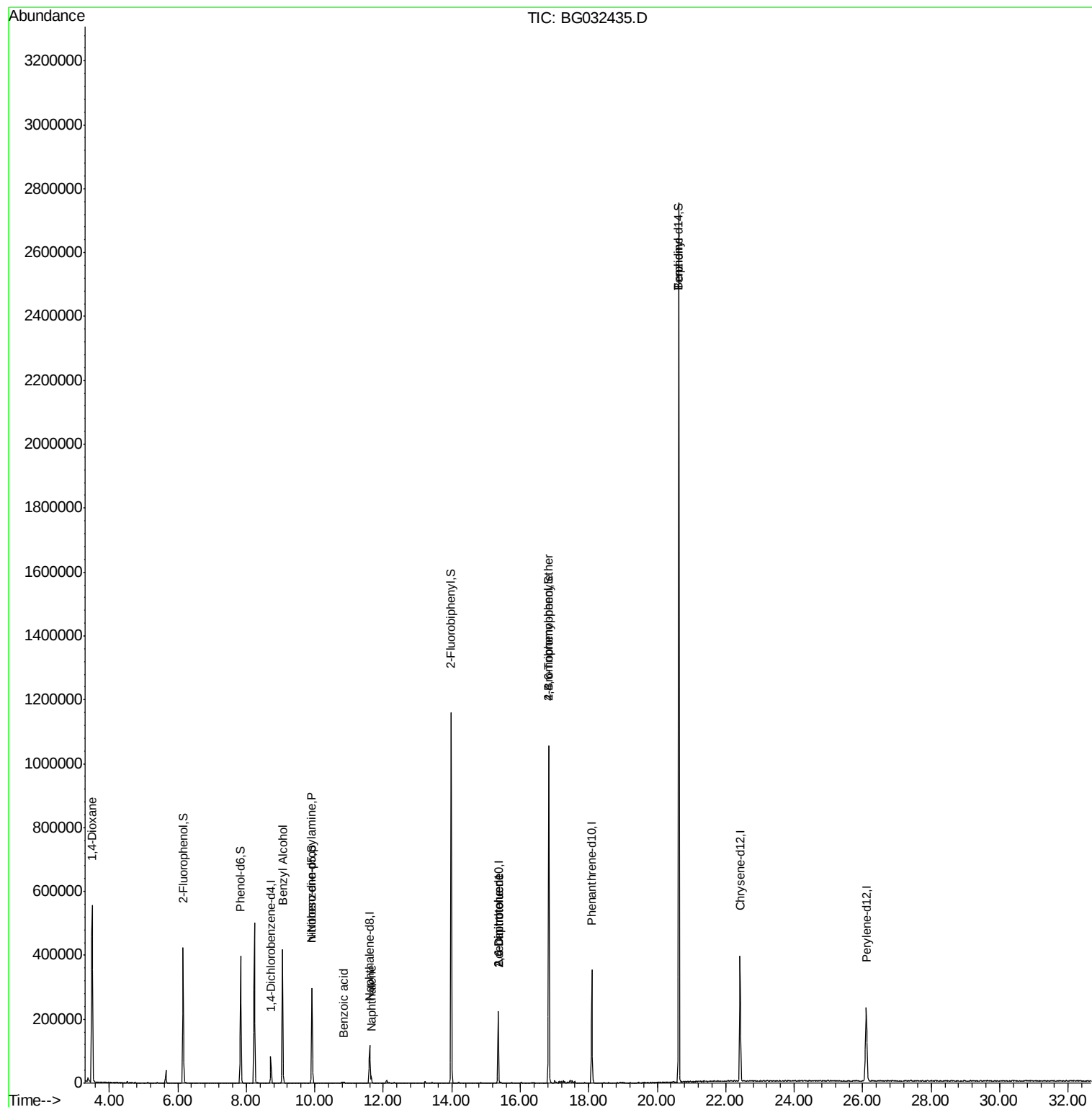
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	6947	14.899	ng	# 1
15) Benzyl Alcohol	9.06	79	3471	2.277	ng	# 53
19) n-Nitroso-di-n-propylamine	9.92	70	27125	22.121	ng	# 78
31) Naphthalene	11.66	128	20093	3.658	ng	# 98
32) Benzoic acid	10.86	122	222	7.450	ng	# 73
50) 2,6-Dinitrotoluene	15.36	165	11384	6.899	ng	# 21
56) 2,4-Dinitrotoluene	15.36	165	11384	4.846	ng	# 18
66) 4-Bromophenyl-phenylether	16.83	248	21426	5.902	ng	# 1
76) Benzidine	20.63	184	21803	3.772	ng	# 94

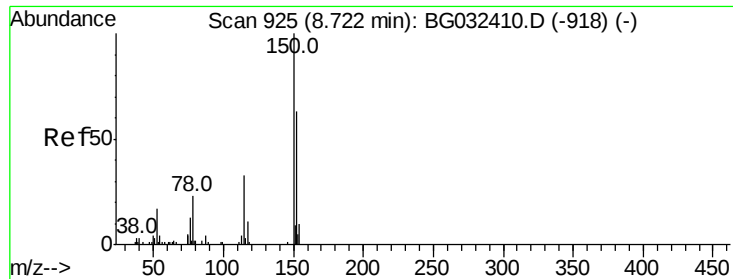
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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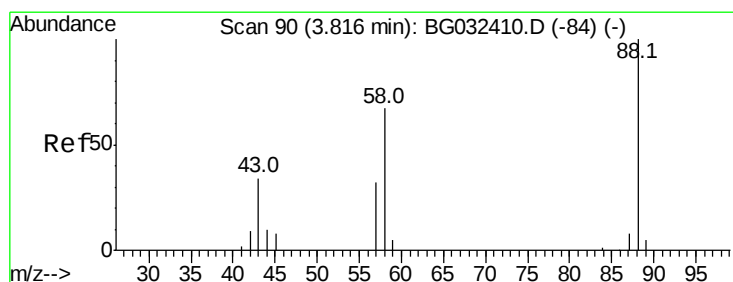
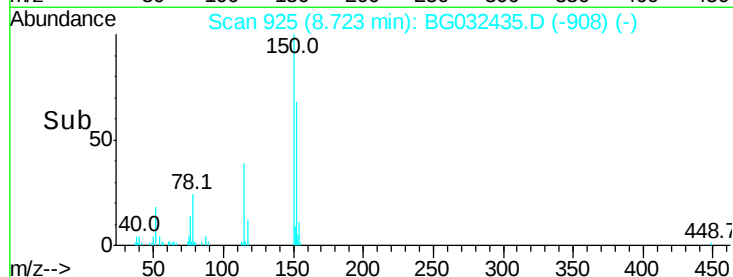
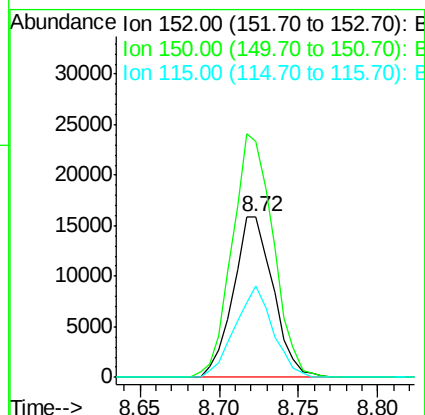
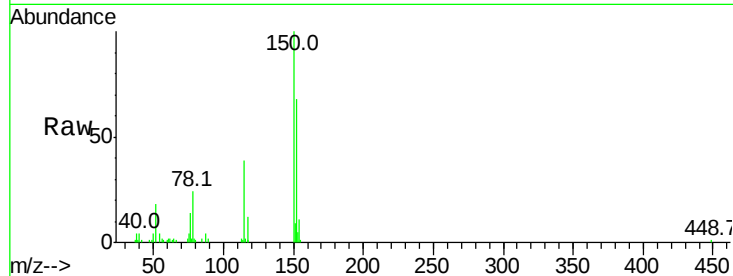


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

Instrument :
BNA_G
ClientSampleId :

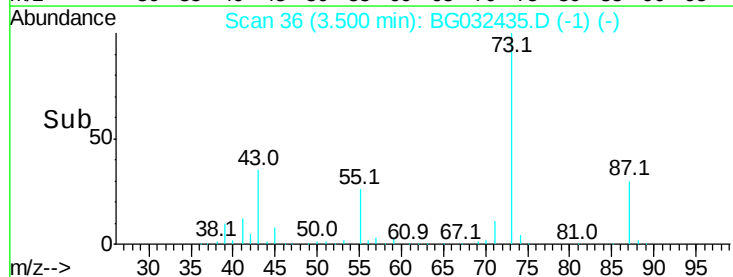
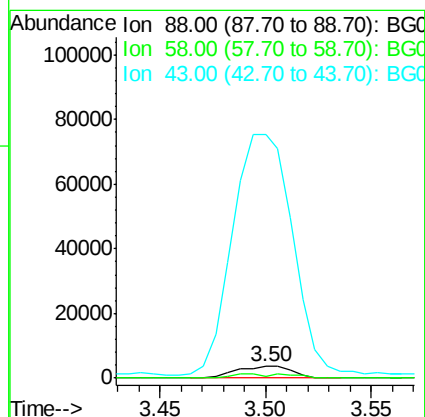
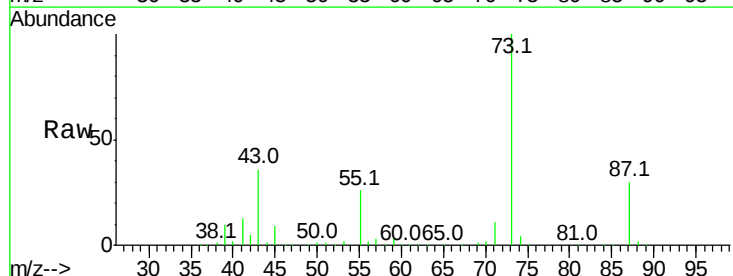
Tot Ion:152 Resp: 27836
Ion Ratio Lower Upper
152 100
150 146.2 126.6 189.8
115 56.5 53.0 79.4

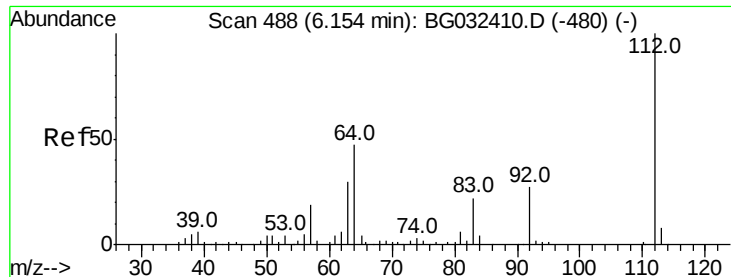


#2

1,4-Dioxane
Concen: 14.899 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.32 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

Tgt Ion: 88 Resp: 6947
Ion Ratio Lower Upper
88 100
58 21.3 79.6 119.4#
43 2128.5 27.4 41.0#





#5

2-Fluorophenol

Concen: 148.182 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032435.D

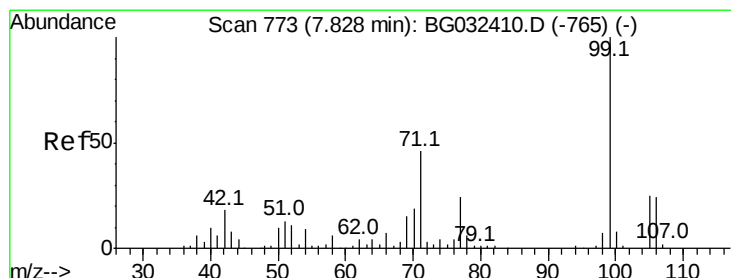
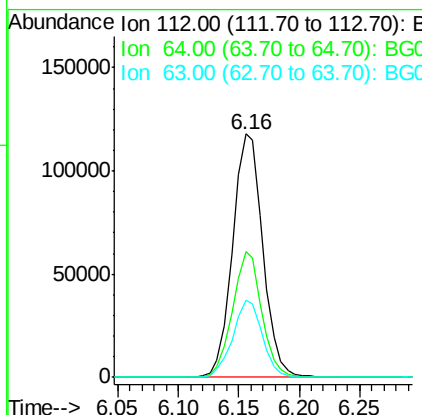
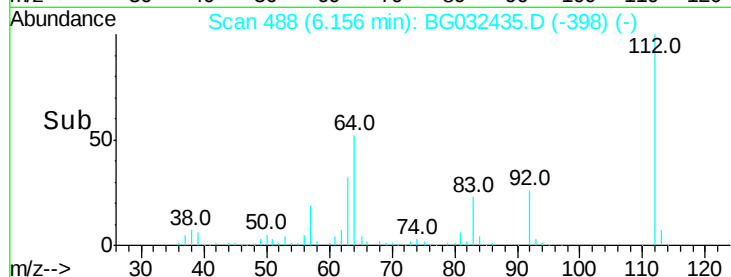
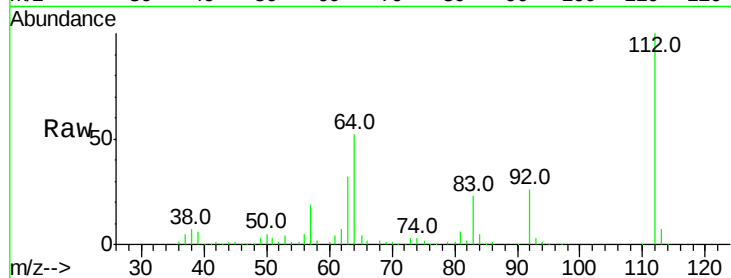
Acq: 30 Jan 2018 6:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	205361
Ion	Ratio	Lower	Upper
112	100		
64	51.8	56.3	84.5#
63	31.8	30.1	45.1



#7

Phenol-d6

Concen: 129.758 ng

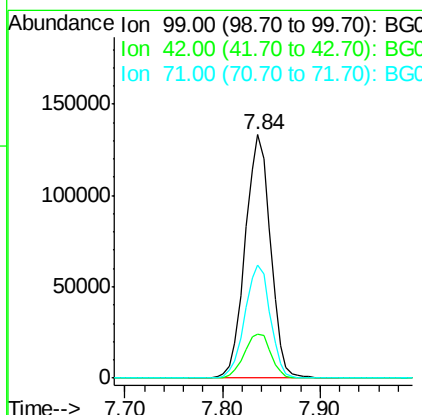
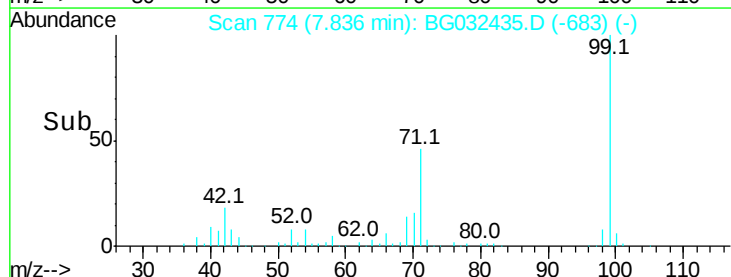
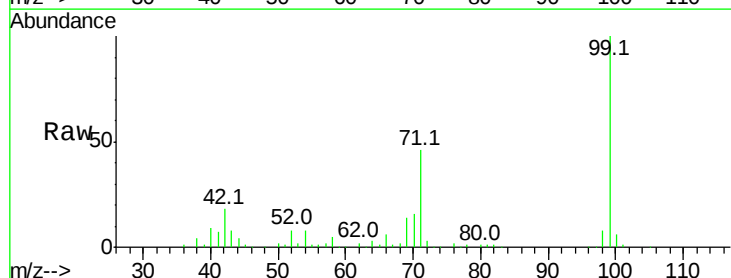
RT: 7.84 min Scan# 774

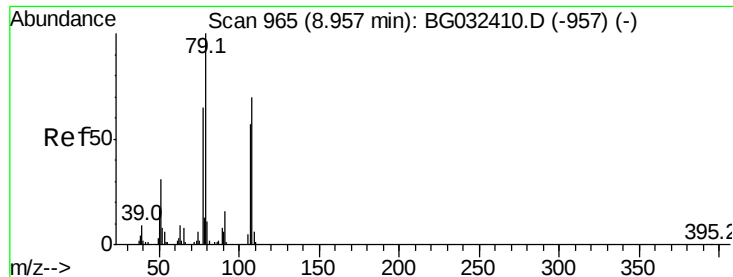
Delta R.T. 0.01 min

Lab File: BG032435.D

Acq: 30 Jan 2018 6:33

Tgt Ion:	99	Resp:	239965
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	46.5	26.1	39.1#





#15

Benzyl Alcohol

Concen: 2.277 ng

RT: 9.06 min Scan# 982

Delta R.T. 0.10 min

Lab File: BG032435.D

Acq: 30 Jan 2018 6:33

Instrument :

BNA_G

ClientSampleId :

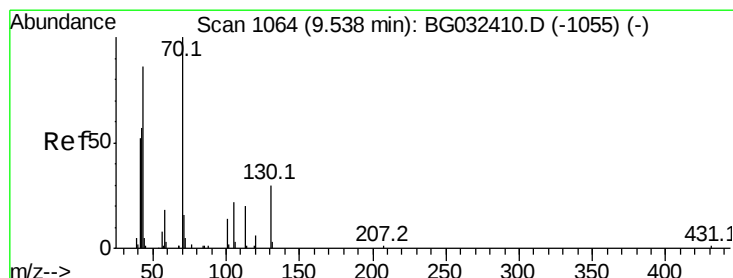
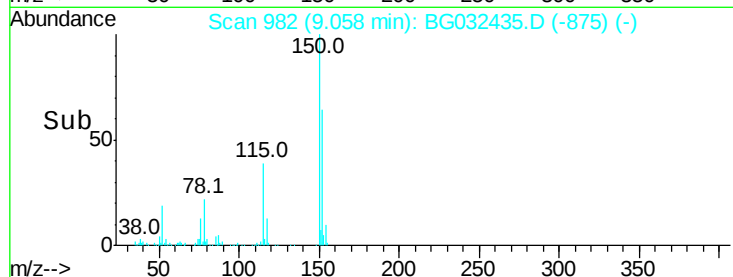
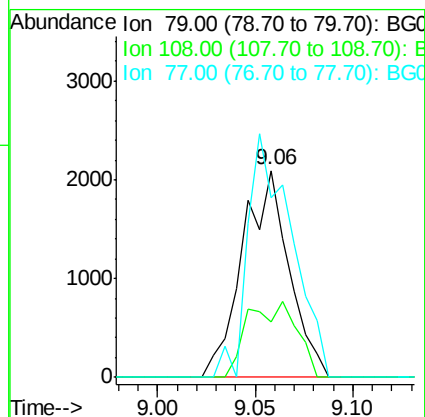
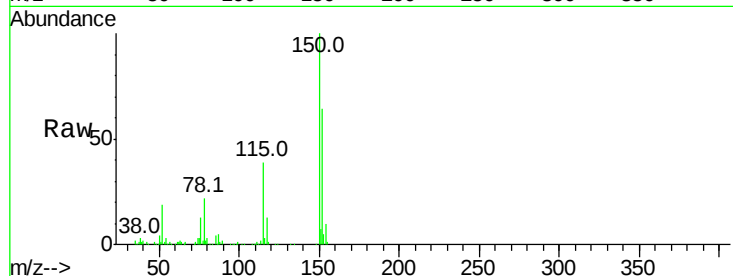
Tot Ion: 79 Resp: 3471

Ion Ratio Lower Upper

79 100

108 27.0 57.2 85.8#

77 86.9 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 22.121 ng

RT: 9.92 min Scan# 1128

Delta R.T. 0.38 min

Lab File: BG032435.D

Acq: 30 Jan 2018 6:33

Tgt Ion: 70 Resp: 27125

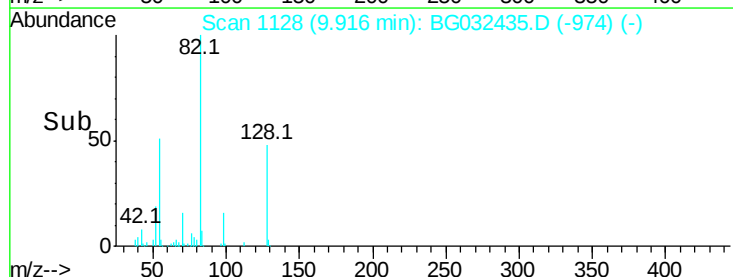
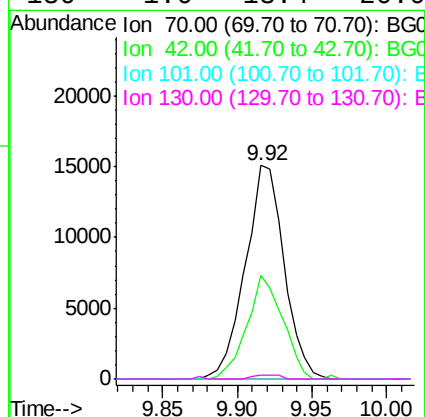
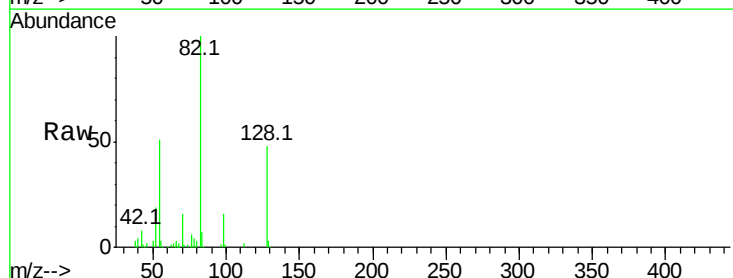
Ion Ratio Lower Upper

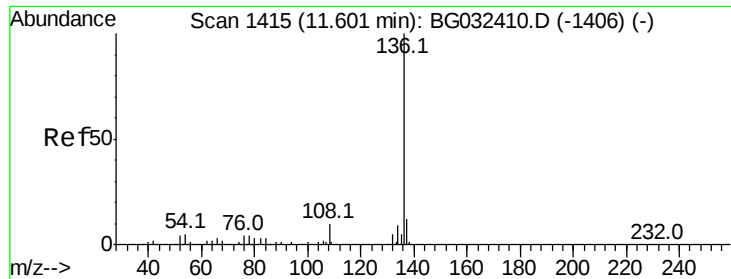
70 100

42 48.5 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

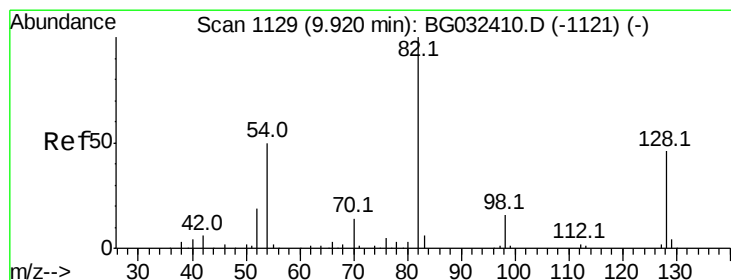
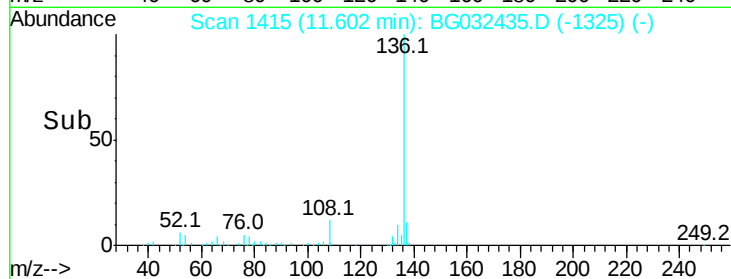
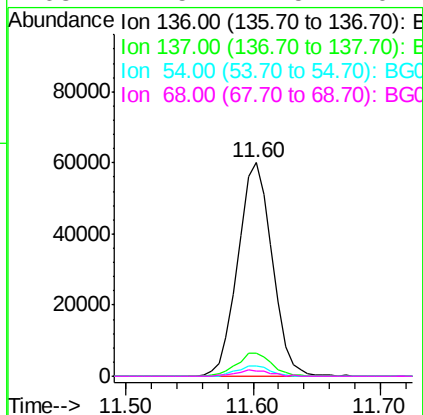
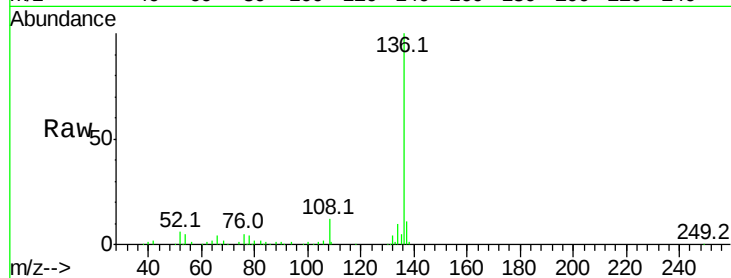




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

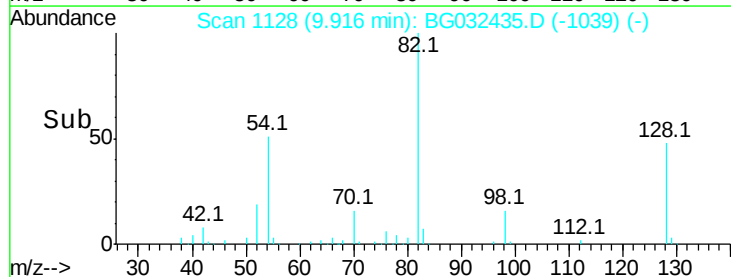
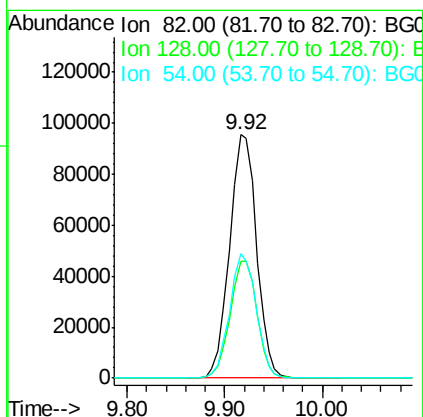
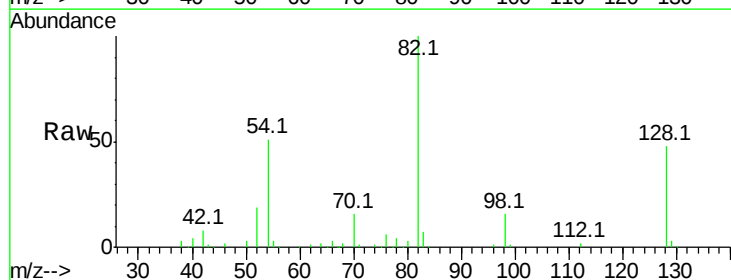
Instrument :
BNA_G
ClientSampleId :

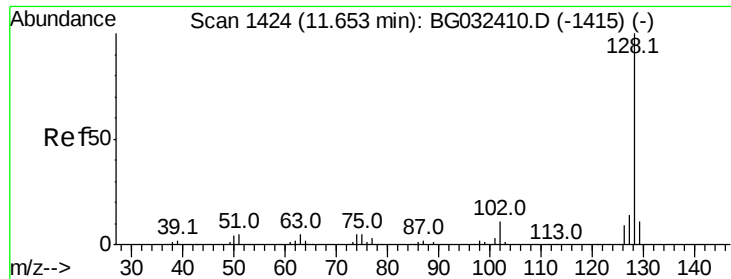
Tot Ion:	136	Resp:	112457
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	4.8	10.3	15.5#
68	2.5	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 101.943 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

Tgt Ion:	82	Resp:	183543
Ion	Ratio	Lower	Upper
82	100		
128	48.2	29.7	44.5#
54	51.2	43.1	64.7

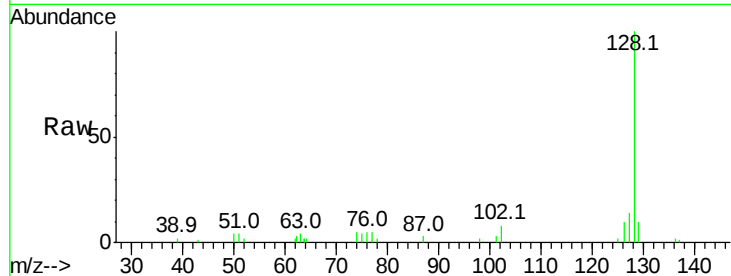




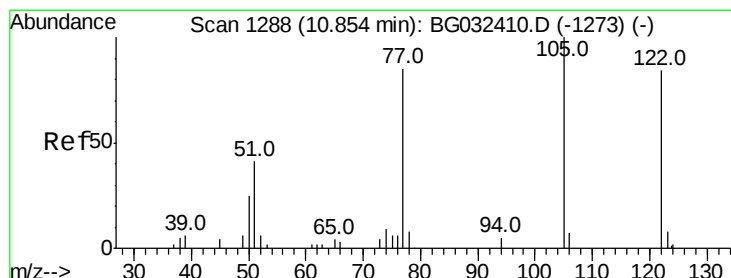
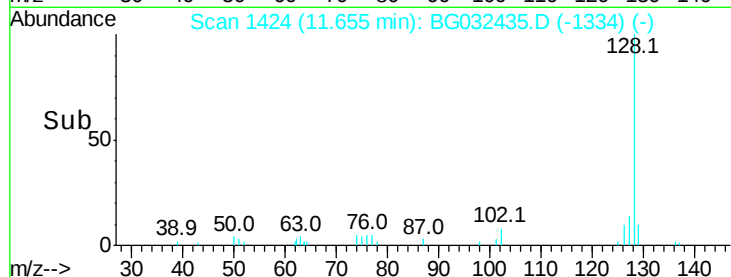
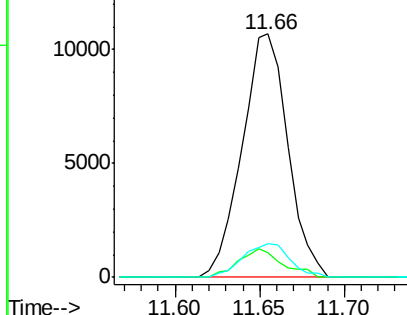
#31
Naphthalene
Concen: 3.658 ng
RT: 11.66 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 20093
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 13.8 11.6 17.4

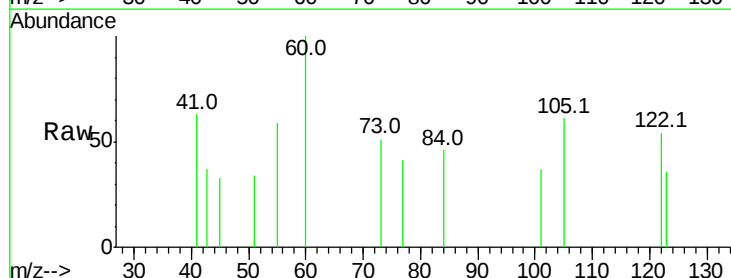


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

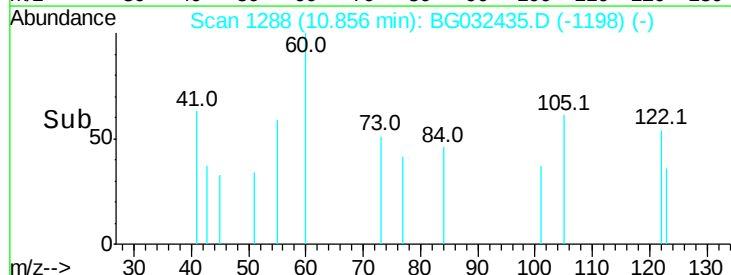
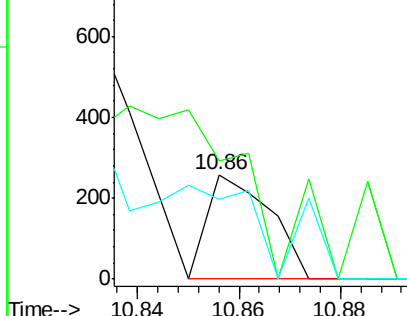


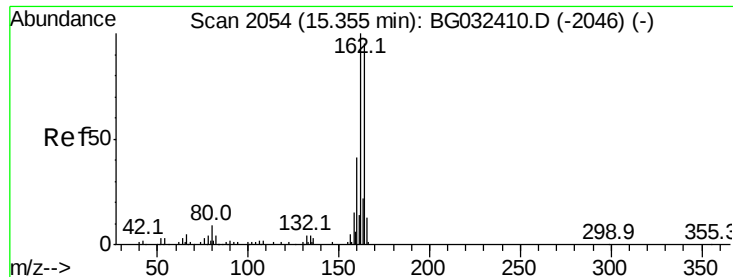
#32
Benzoic acid
Concen: 7.450 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

Tgt Ion:122 Resp: 222
Ion Ratio Lower Upper
122 100
105 112.8 123.5 163.5#
77 76.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG032435.D

Acq: 30 Jan 2018 6:33

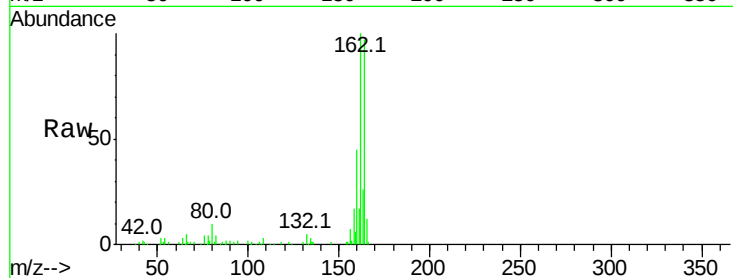
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 85263

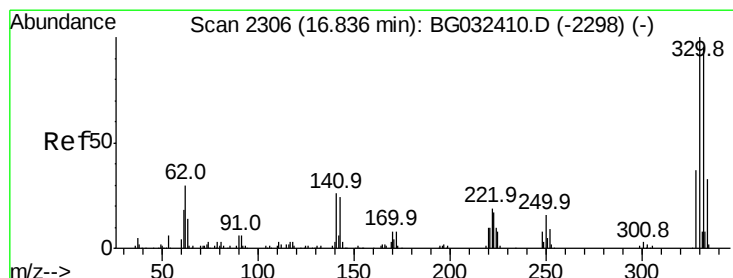
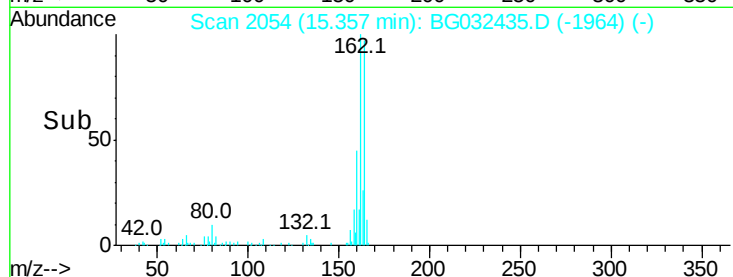
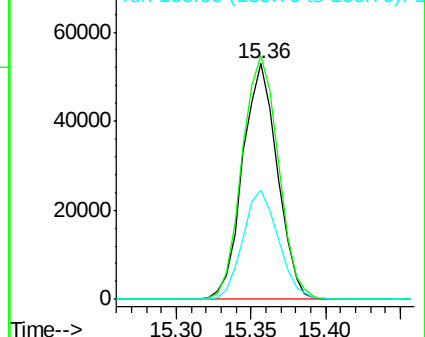
Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	46.5	35.4	53.0



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



#41

2,4,6-Tribromophenol

Concen: 151.233 ng

RT: 16.83 min Scan# 2305

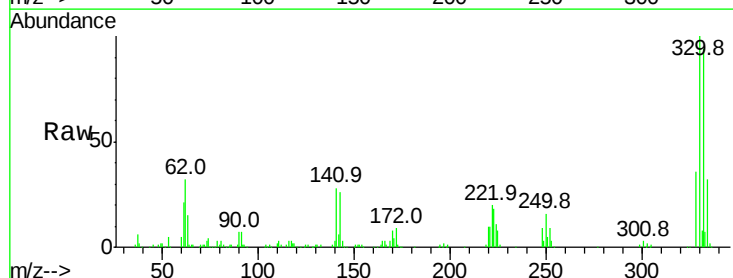
Delta R.T. -0.00 min

Lab File: BG032435.D

Acq: 30 Jan 2018 6:33

Tgt Ion:330 Resp: 245449

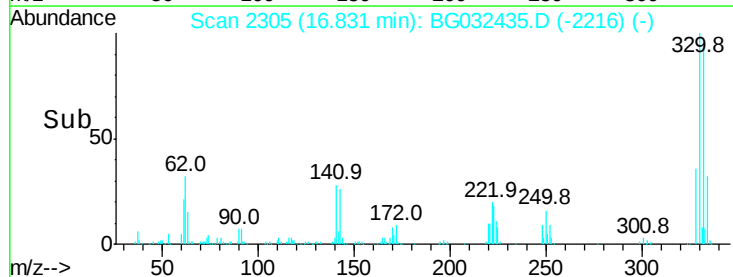
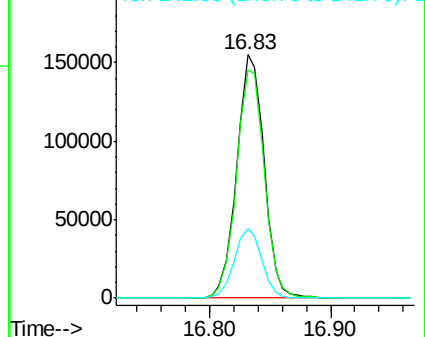
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.4	25.2	37.8

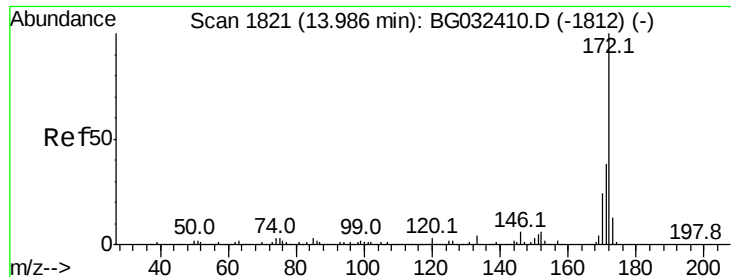


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

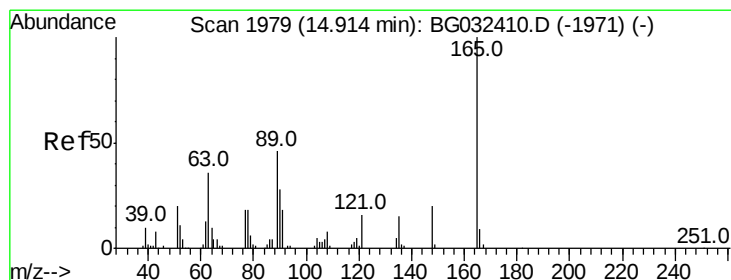
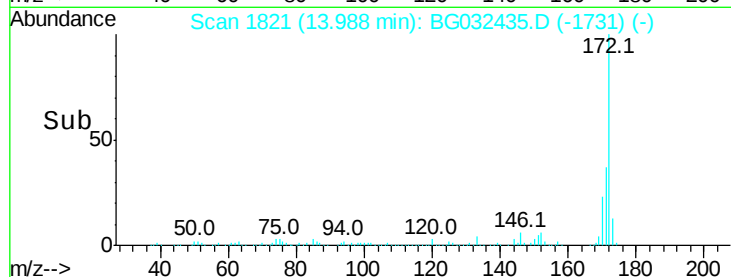
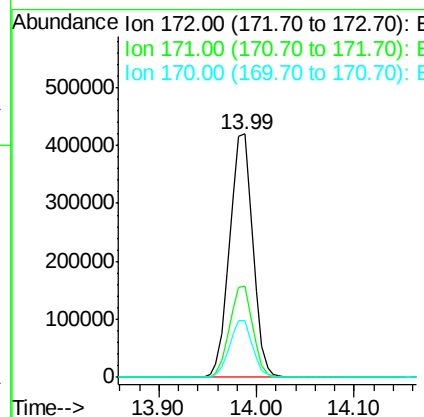
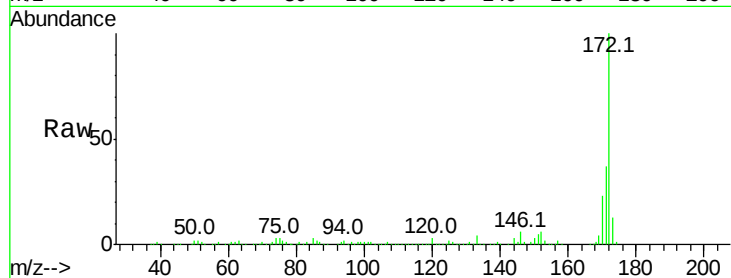




#44
 2-Fluorobiphenyl
 Concen: 96.734 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032435.D
 Acq: 30 Jan 2018 6:33

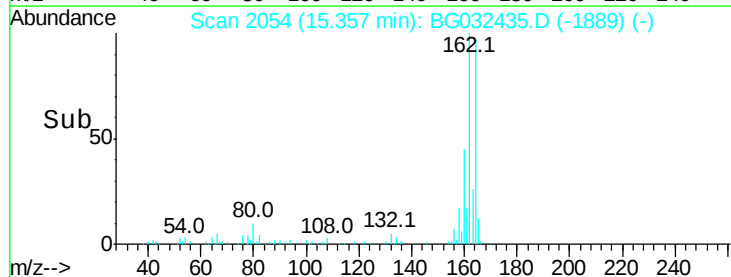
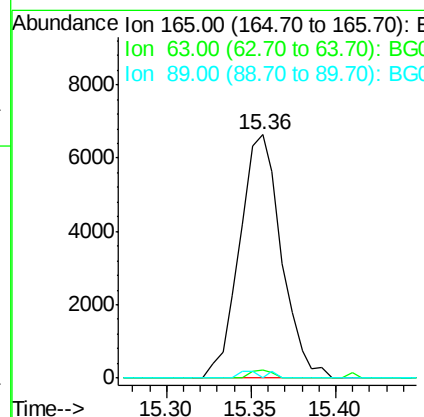
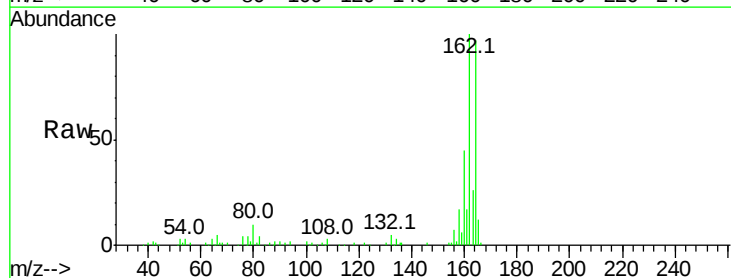
Instrument :
 BNA_G
 ClientSampleId :

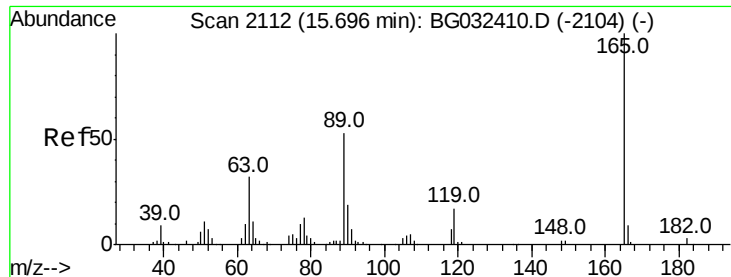
Tot Ion:172 Resp: 693931
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.899 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.44 min
 Lab File: BG032435.D
 Acq: 30 Jan 2018 6:33

Tgt Ion:165 Resp: 11384
 Ion Ratio Lower Upper
 165 100
 63 3.5 52.7 79.1#
 89 0.0 49.2 73.8#

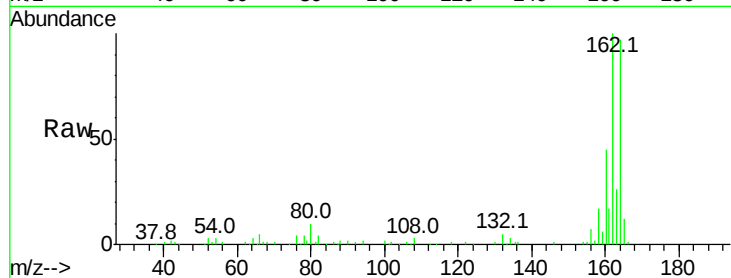




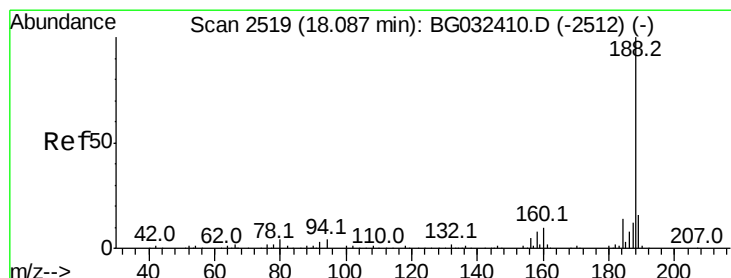
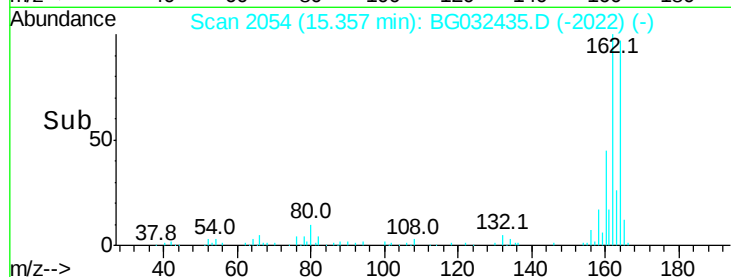
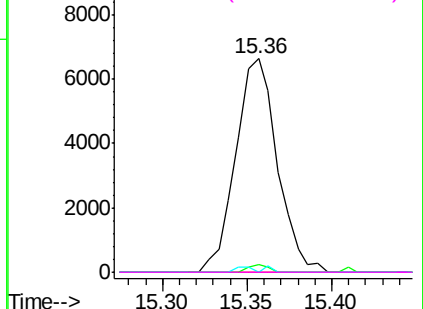
#56
 2,4-Dinitrotoluene
 Concen: 4.846 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032435.D
 Acq: 30 Jan 2018 6:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 11384
 Ion Ratio Lower Upper
 165 100
 63 3.5 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

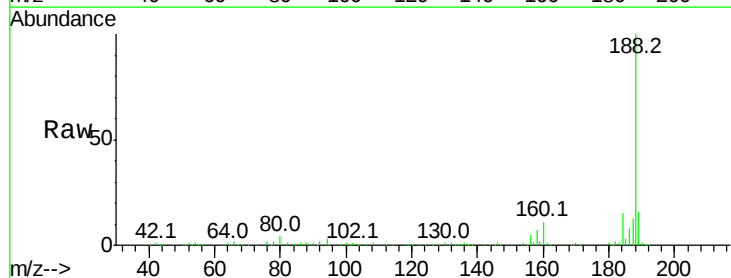


Abundance Ion 165.00 (164.70 to 165.70): E

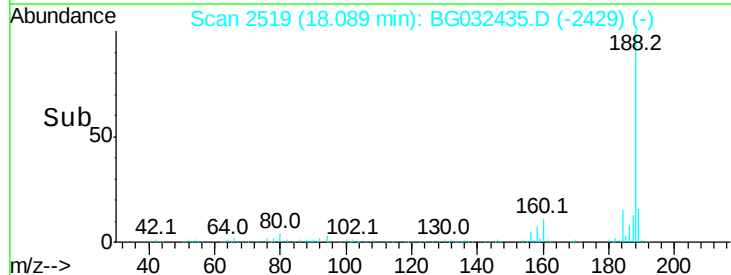
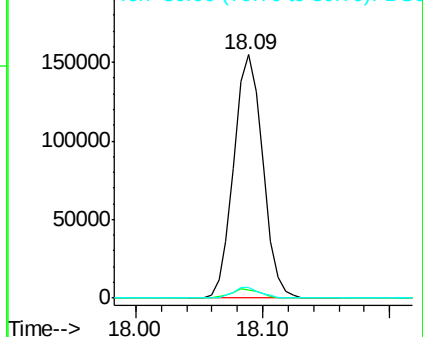


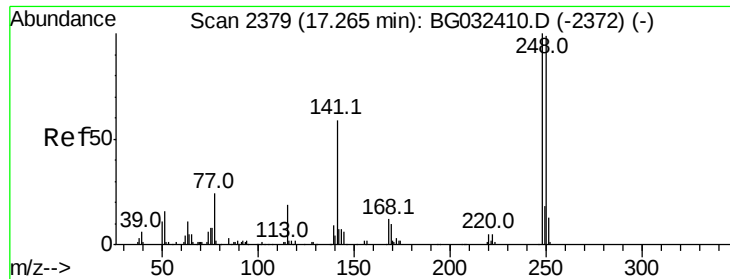
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG032435.D
 Acq: 30 Jan 2018 6:33

Tgt Ion:188 Resp: 245048
 Ion Ratio Lower Upper
 188 100
 94 3.8 6.9 10.3#
 80 4.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

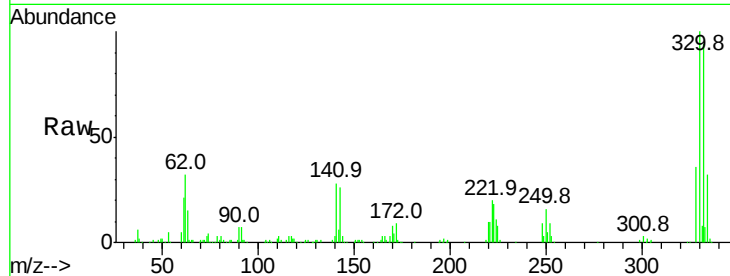




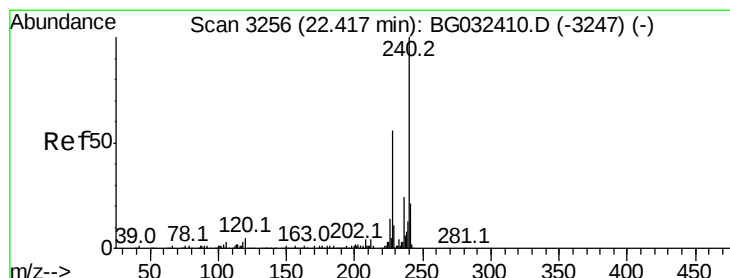
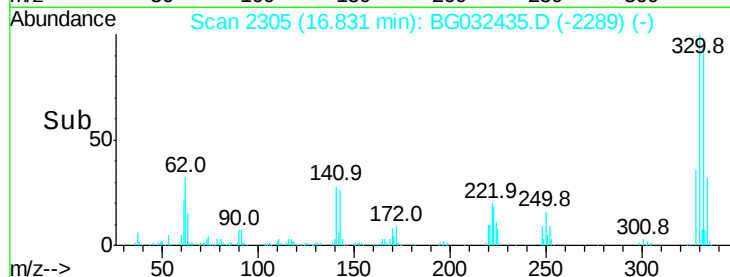
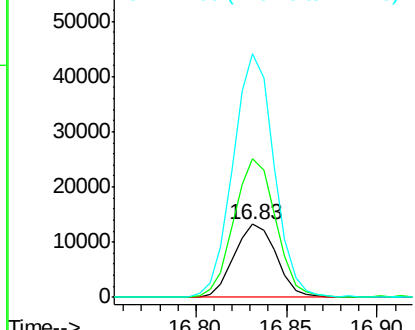
#66
4-Bromophenyl-phenylether
Concen: 5.902 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 21426
Ion Ratio Lower Upper
248 100
250 189.8 77.1 115.7#
141 332.2 50.8 76.2#

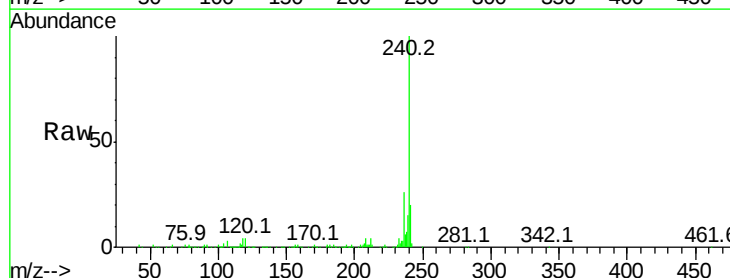


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

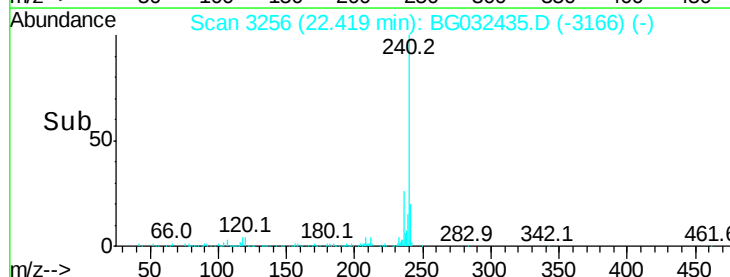
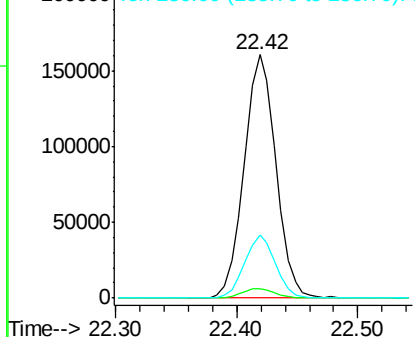


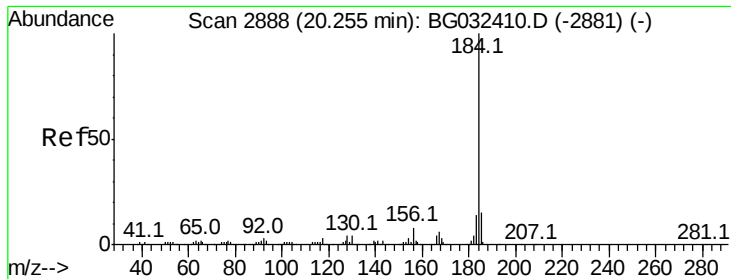
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

Tgt Ion:240 Resp: 294391
Ion Ratio Lower Upper
240 100
120 3.6 6.8 10.2#
236 25.8 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: 3.772 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.37 min

Lab File: BG032435.D

Acq: 30 Jan 2018 6:33

Instrument :

BNA_G

ClientSampleId :

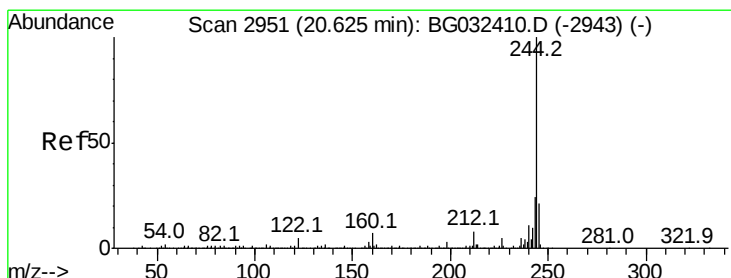
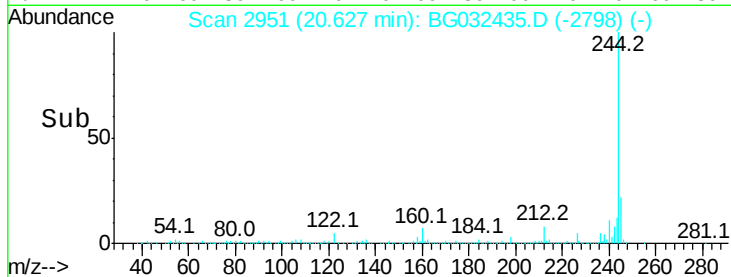
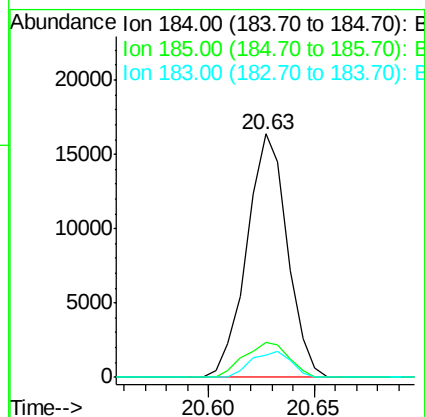
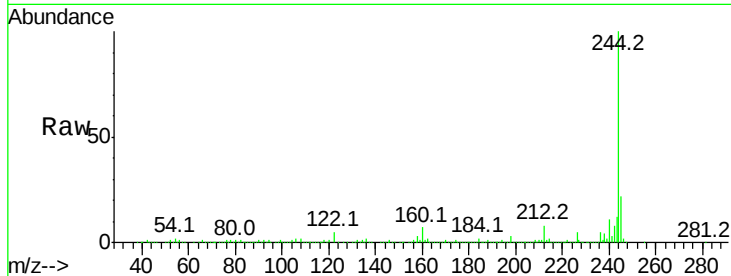
Tot Ion:184 Resp: 21803

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

183 9.3 10.6 16.0#



#78

Terphenyl-d14

Concen: 107.115 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032435.D

Acq: 30 Jan 2018 6:33

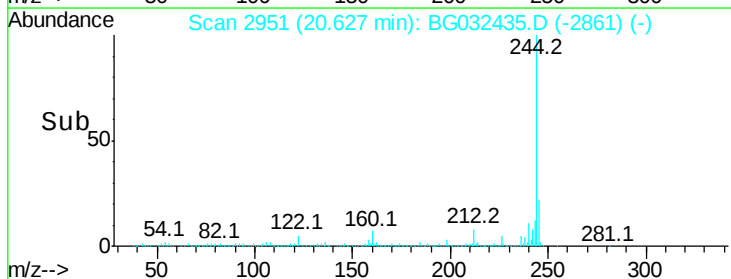
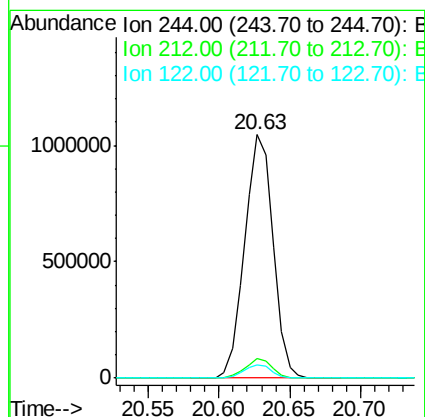
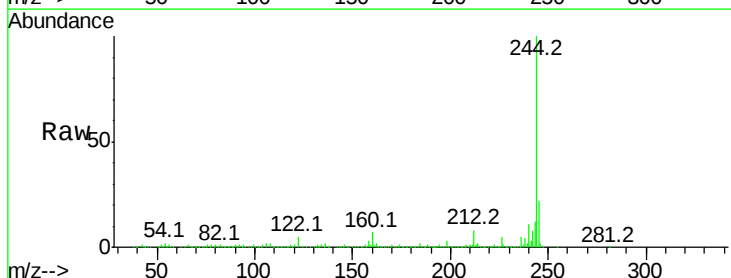
Tgt Ion:244 Resp: 1472099

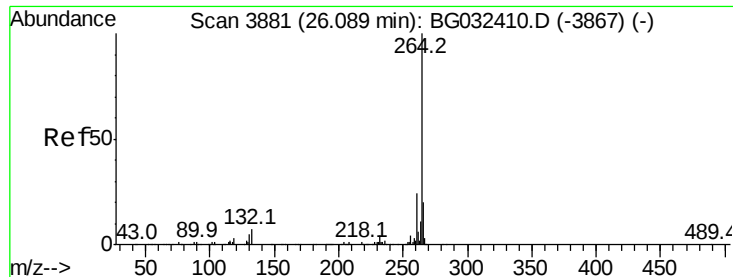
Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 5.5 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. 0.01 min
Lab File: BG032435.D
Acq: 30 Jan 2018 6:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.2	17.7	26.5

