

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032318.D
 Acq On : 26 Jan 2018 7:16
 Operator : SJ/JU
 Sample : J1020-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-012418-C

Quant Time: Jan 26 11:53:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	31378	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	128766	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	96359	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	280422	20.00	ng	0.00
75) Chrysene-d12	22.42	240	358025	20.00	ng	0.00
86) Perylene-d12	26.10	264	381460	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	254170	148.15	ng	0.00
7) Phenol-d6	7.83	99	296333	137.14	ng	0.00
23) Nitrobenzene-d5	9.92	82	216987	114.01	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	295014	185.02	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	773488	99.53	ng	0.00
78) Terphenyl-d14	20.63	244	1728954	106.63	ng	0.00

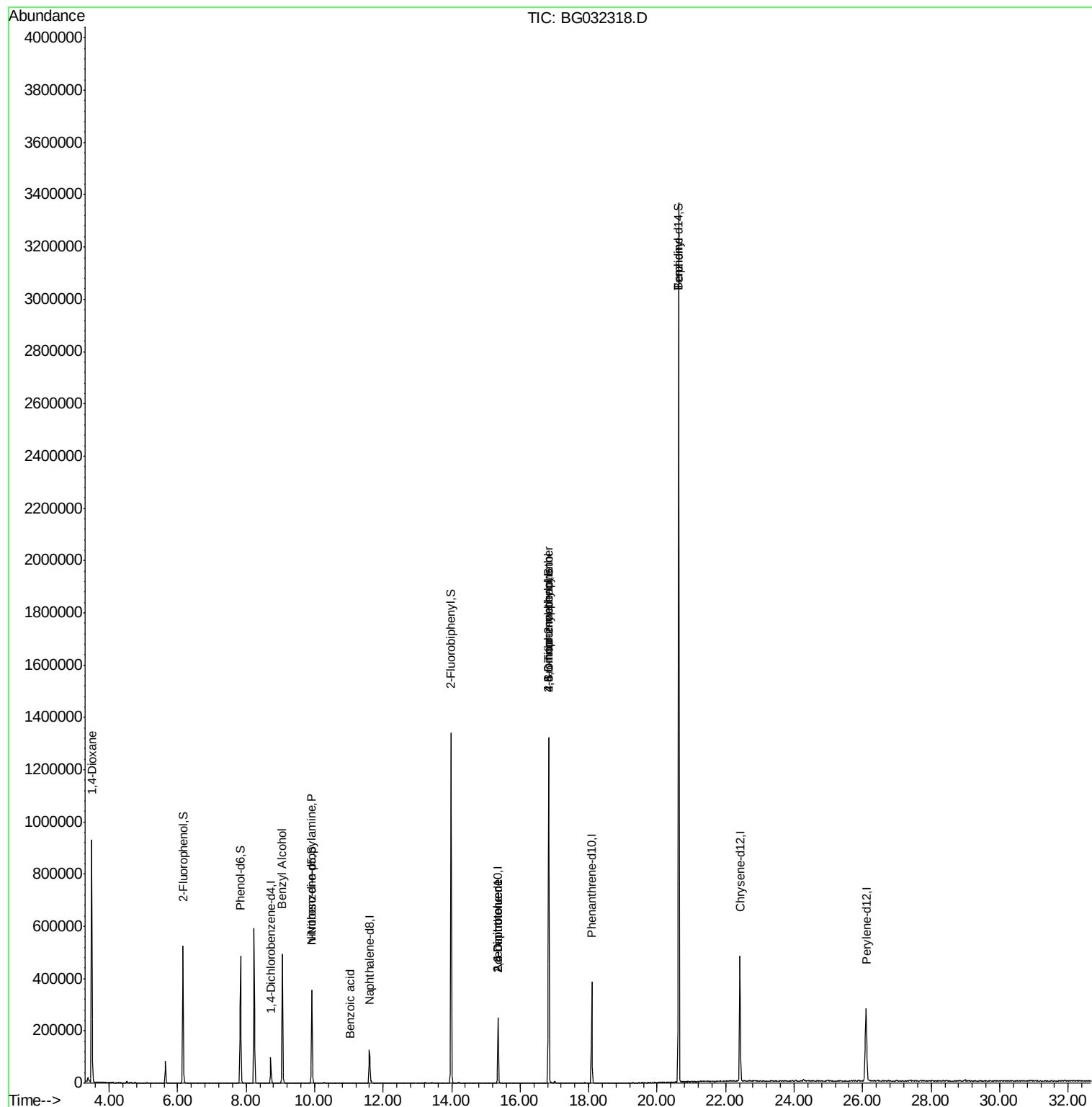
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	9695	14.709	ng	# 1
15) Benzyl Alcohol	9.05	79	4084	2.602	ng	# 52
19) n-Nitroso-di-n-propylamine	9.92	70	32451	24.205	ng	# 74
32) Benzoic acid	11.03	122	54	5.290	ng	# 1
50) 2,6-Dinitrotoluene	15.35	165	12540	7.165	ng	# 20
56) 2,4-Dinitrotoluene	15.35	165	12540	5.322	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.83	198	805	5.287	ng	# 1
66) 4-Bromophenyl-phenylether	16.83	248	25854	6.480	ng	# 1
76) Benzidine	20.63	184	24850	2.776	ng	# 89

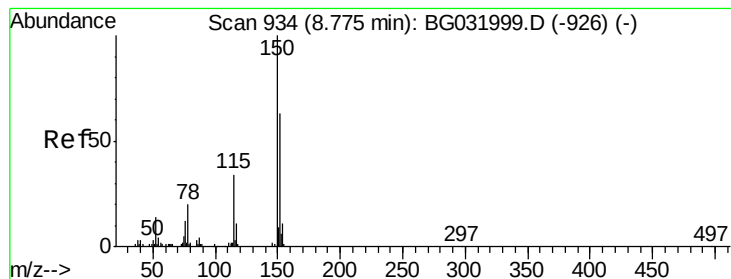
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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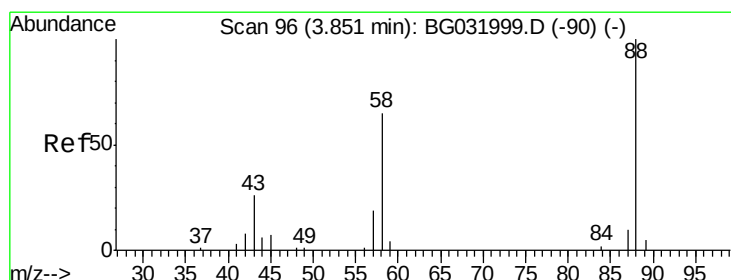
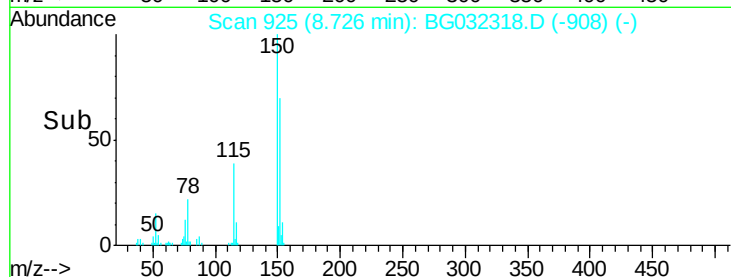
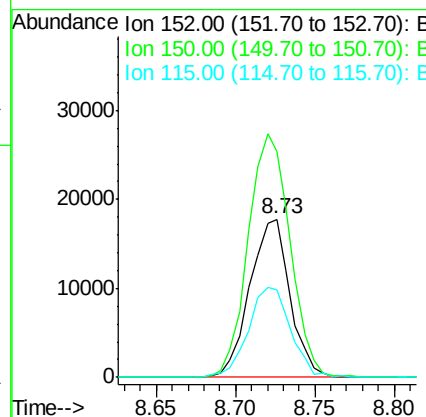
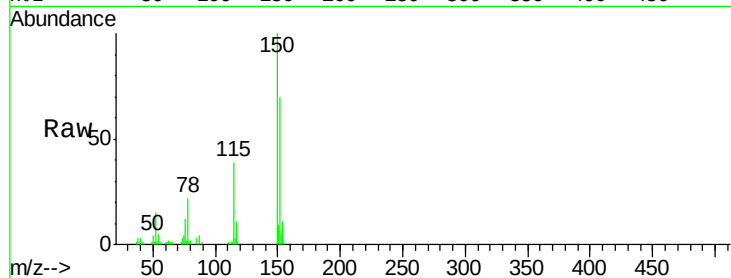


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-C

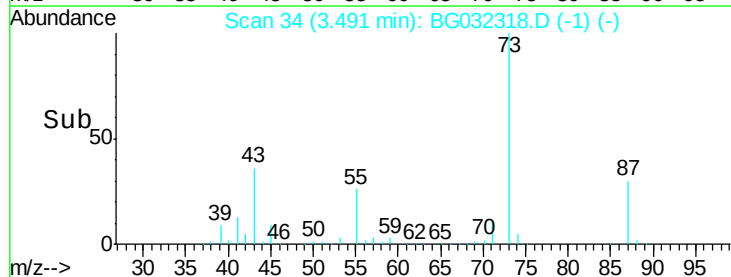
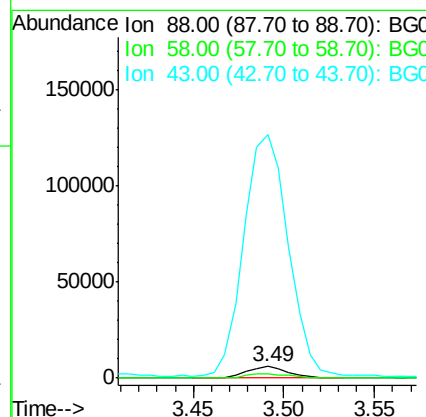
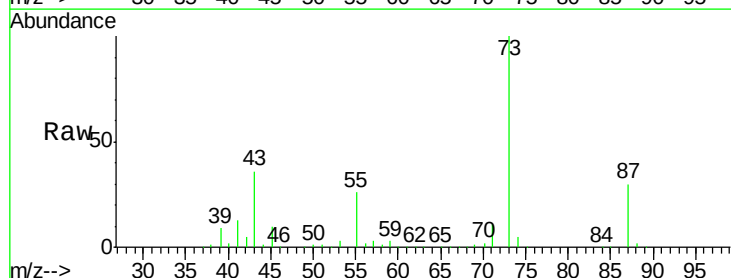
Tot Ion:152 Resp: 31378
Ion Ratio Lower Upper
152 100
150 143.0 126.6 189.8
115 55.6 53.0 79.4

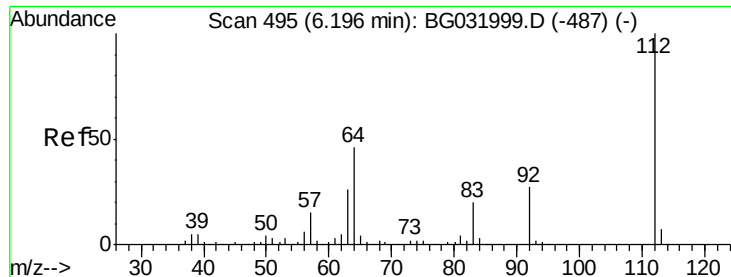


#2

1,4-Dioxane
Concen: 14.709 ng
RT: 3.49 min Scan# 34
Delta R.T. -0.33 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Tgt Ion: 88 Resp: 9695
Ion Ratio Lower Upper
88 100
58 38.8 79.6 119.4#
43 2236.5 27.4 41.0#





#5

2-Fluorophenol

Concen: 148.148 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

Instrument :

BNA_G

ClientSampleId :

PL-02-012418-C

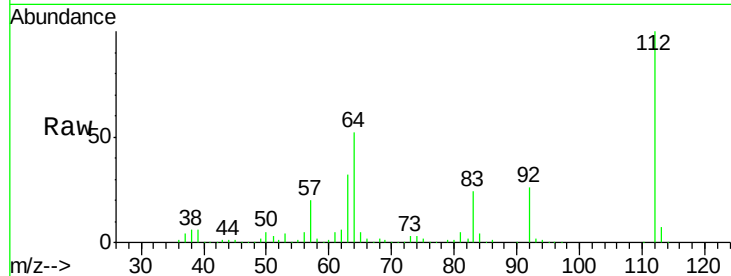
Tot Ion: 112 Resp: 254170

Ion Ratio Lower Upper

112 100

64 51.6 56.3 84.5#

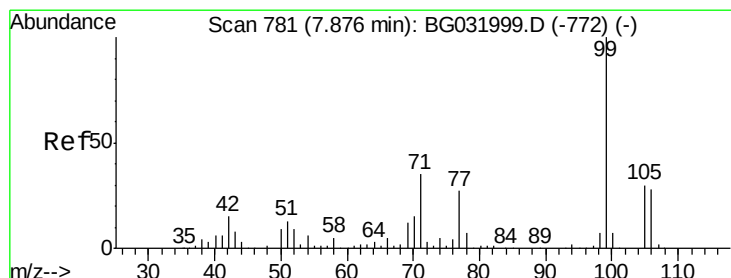
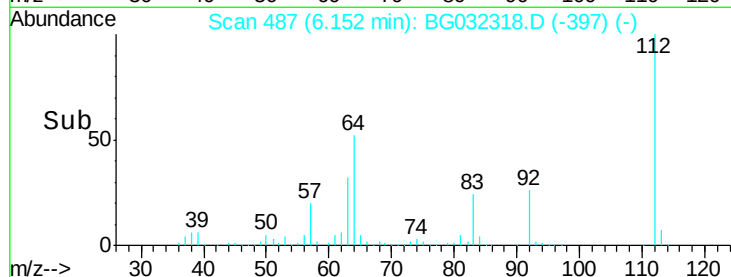
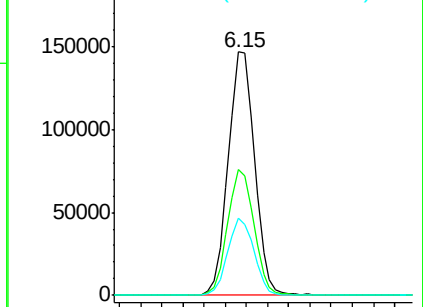
63 31.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 137.144 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

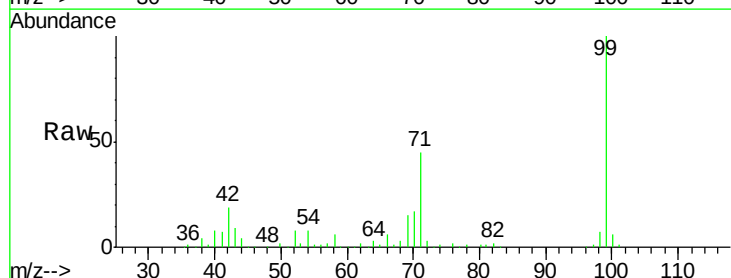
Tgt Ion: 99 Resp: 296333

Ion Ratio Lower Upper

99 100

42 19.3 14.1 21.1

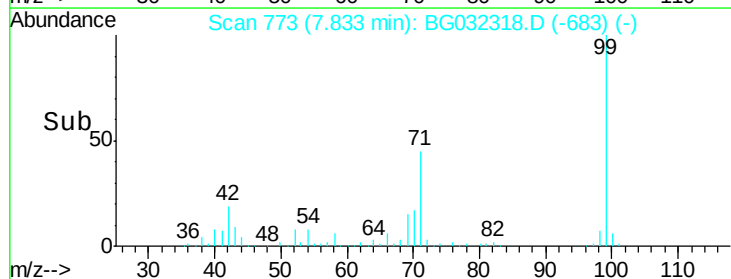
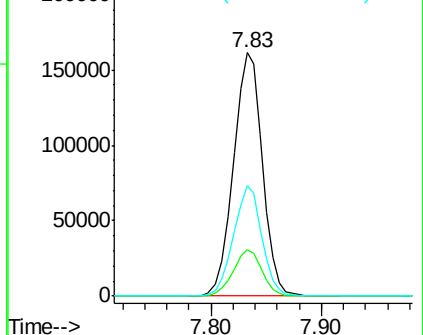
71 45.1 26.1 39.1#

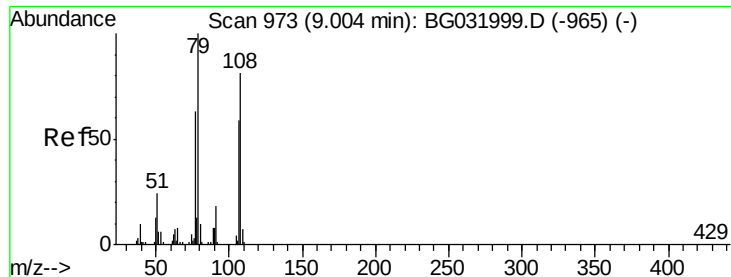


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.602 ng

RT: 9.05 min Scan# 980

Delta R.T. 0.08 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

Instrument :

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ClientSampleId :

PL-02-012418-C

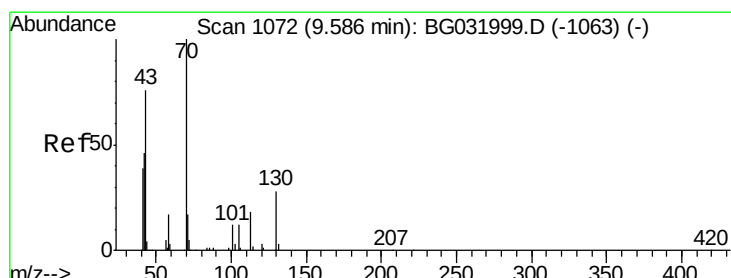
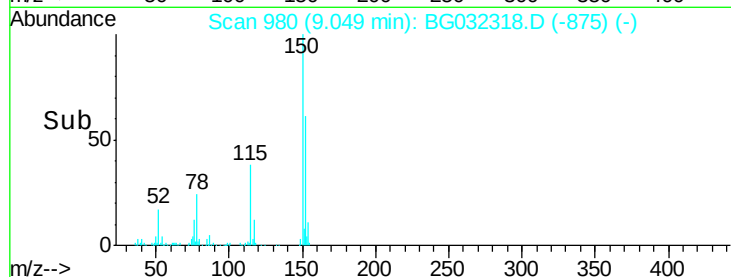
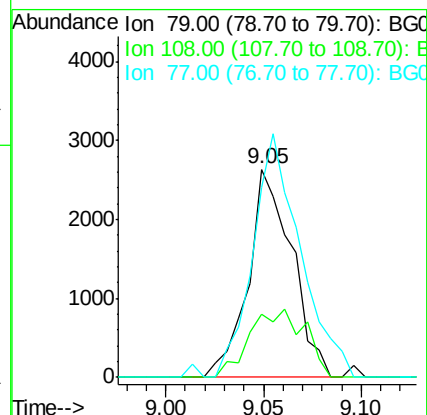
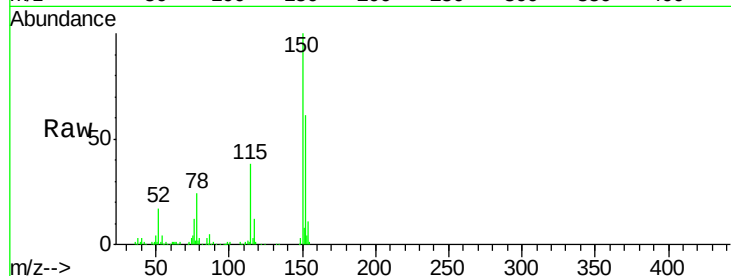
Tot Ion: 79 Resp: 4084

Ion Ratio Lower Upper

79 100

108 30.2 57.2 85.8#

77 91.4 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 24.205 ng

RT: 9.92 min Scan# 1128

Delta R.T. 0.38 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

Tgt Ion: 70 Resp: 32451

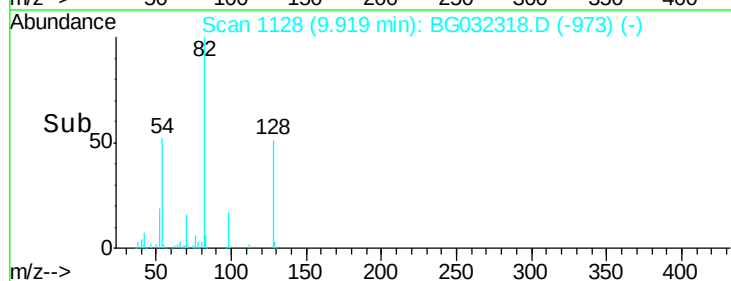
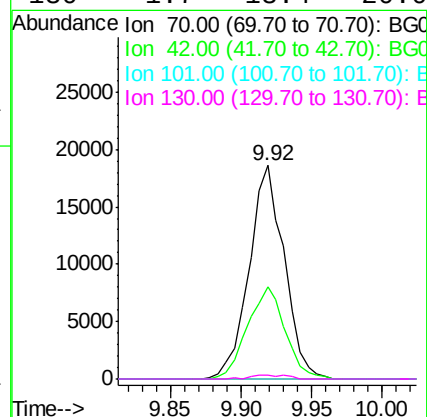
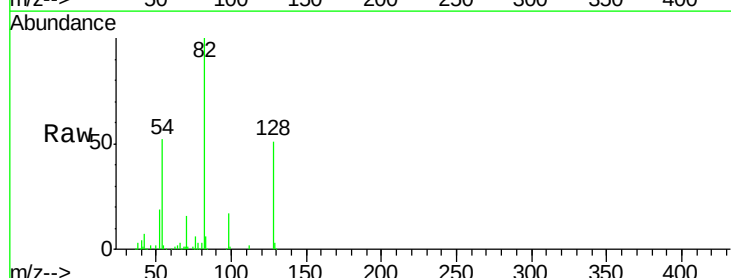
Ion Ratio Lower Upper

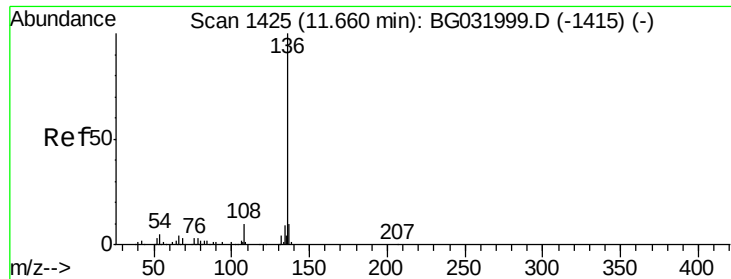
70 100

42 43.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.7 13.4 20.0#

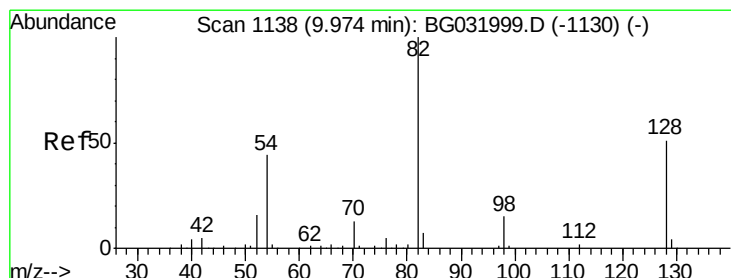
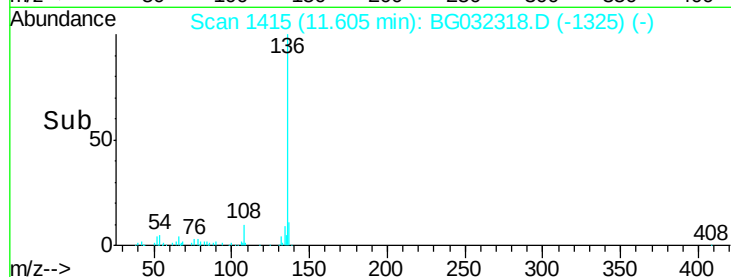
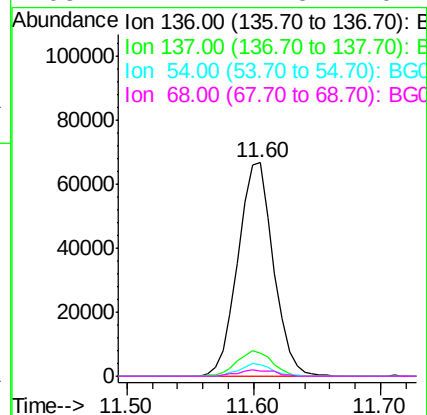
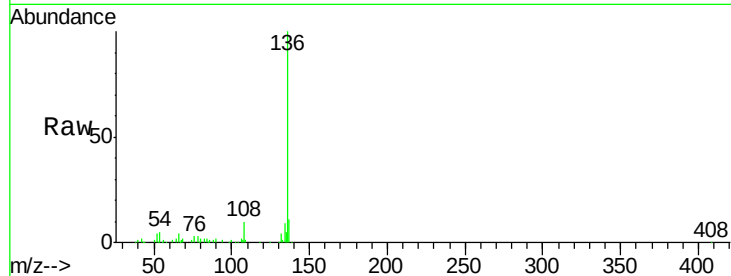




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

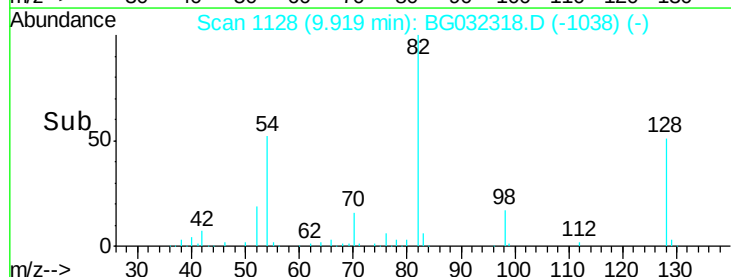
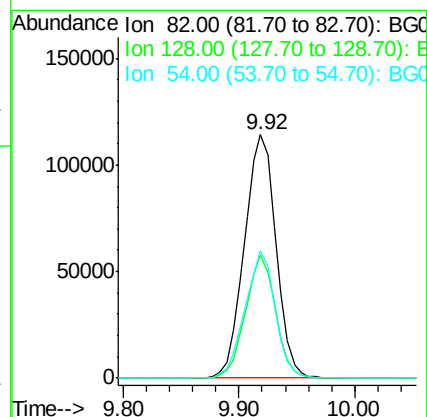
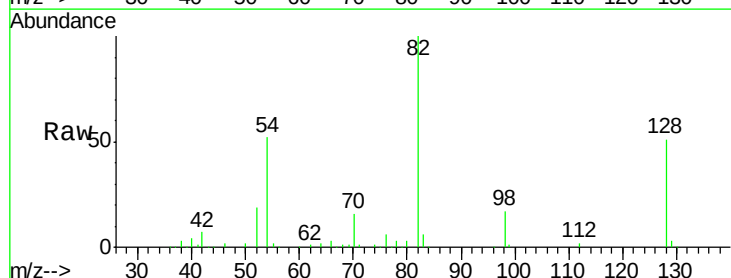
Instrument :
BNA_G
ClientSampleId :
PL-02-012418-C

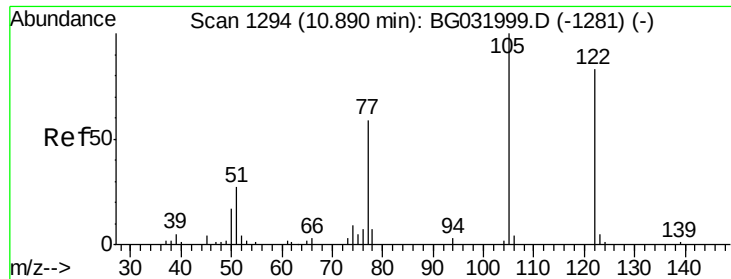
Tot Ion:	136	Resp:	128766
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.4	10.3	15.5#
68	2.1	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 114.006 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Tgt Ion:	82	Resp:	216987
Ion	Ratio	Lower	Upper
82	100		
128	50.7	29.7	44.5#
54	52.3	43.1	64.7

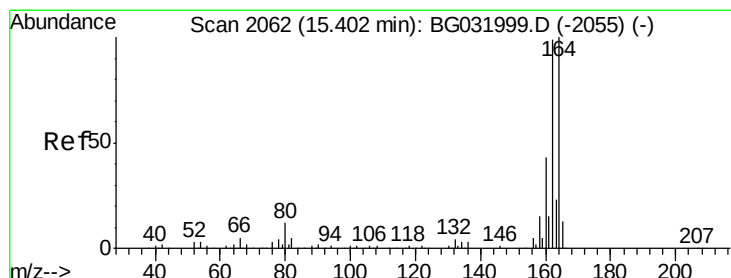
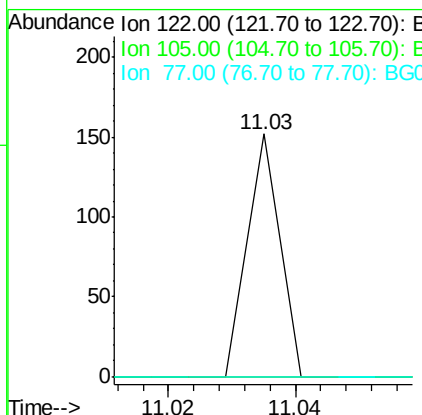
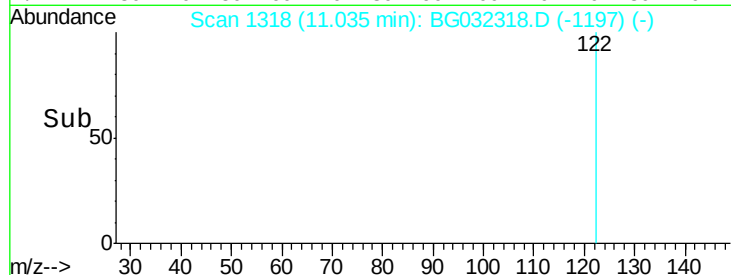
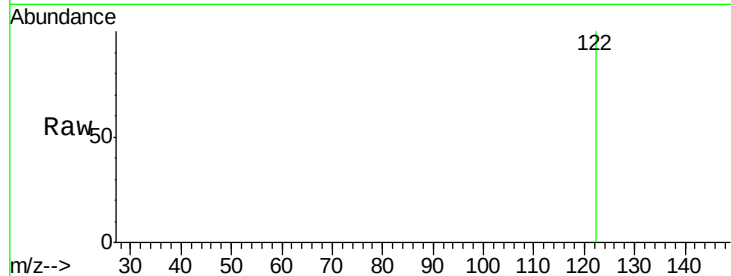




#32
Benzoic acid
Concen: 5.290 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.18 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

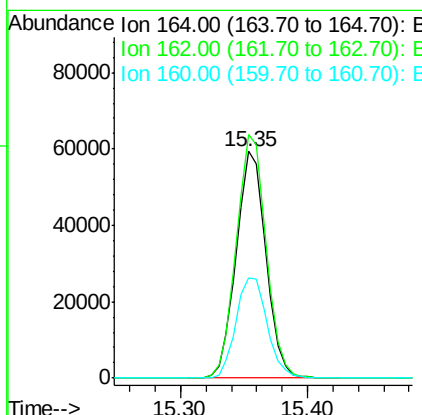
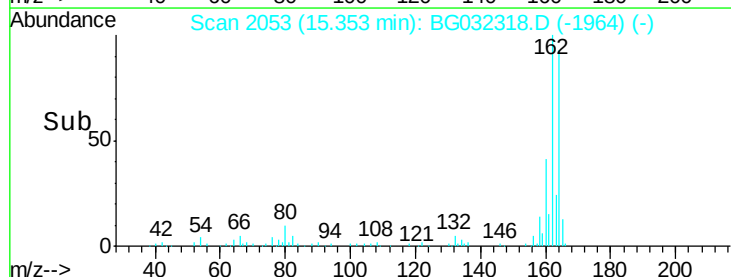
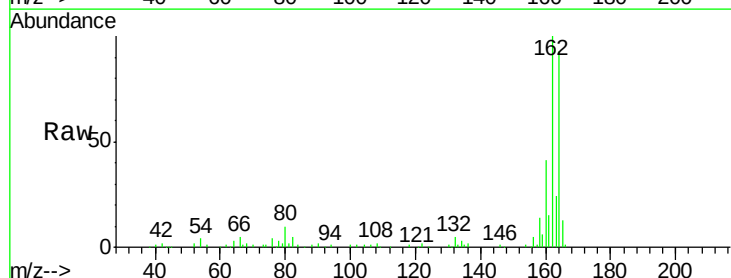
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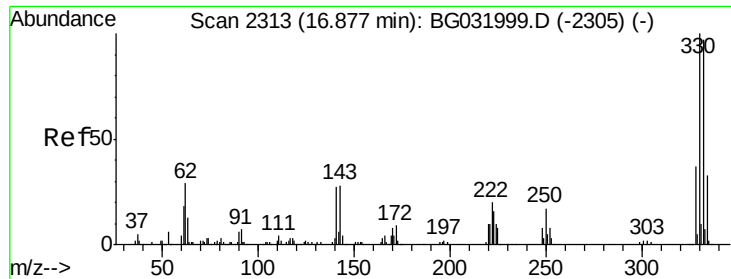
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	78.8	118.2
160	44.1	35.4	53.0

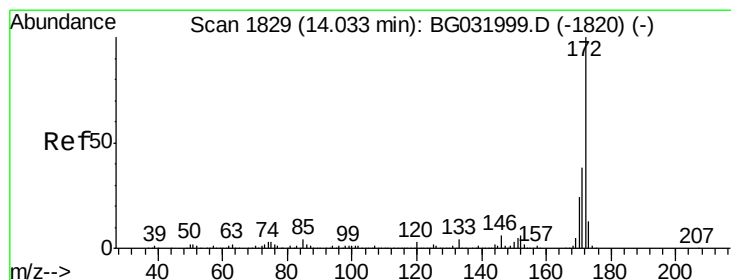
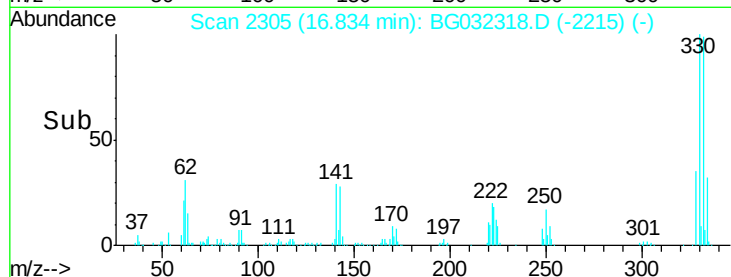
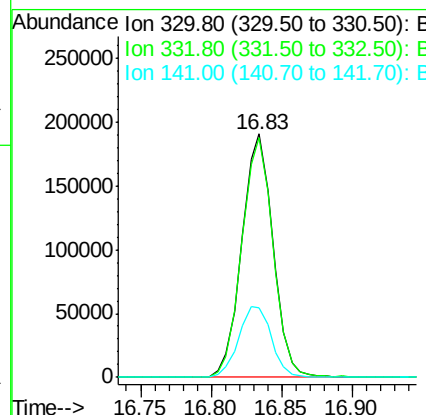
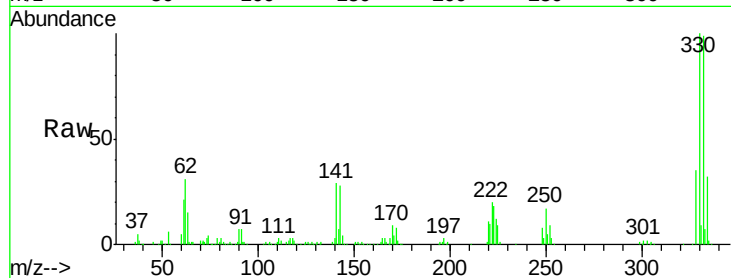




#41
 2,4,6-Tribromophenol
 Concen: 185.018 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032318.D
 Acq: 26 Jan 2018 7:16

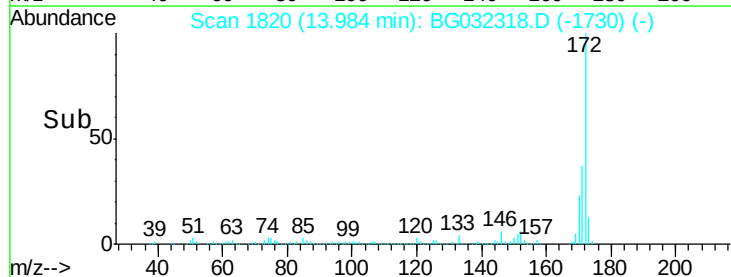
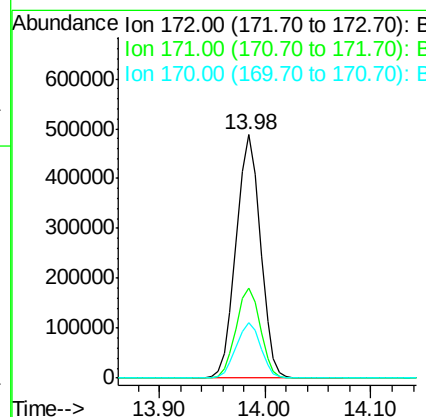
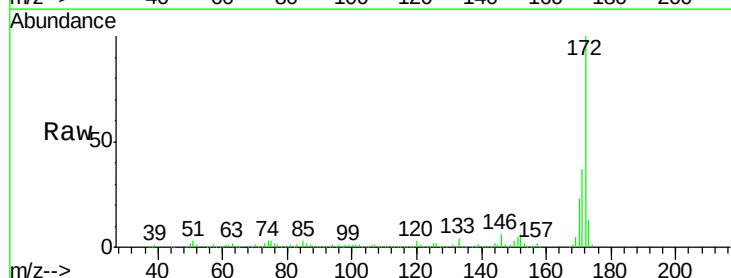
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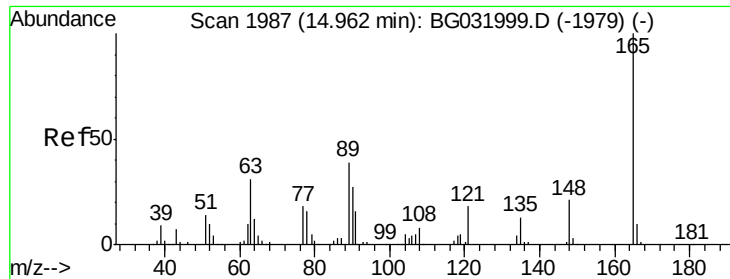
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	30.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 99.533 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032318.D
 Acq: 26 Jan 2018 7:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	22.9	19.5	29.3

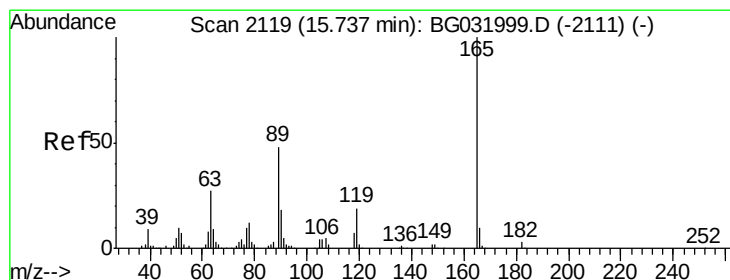
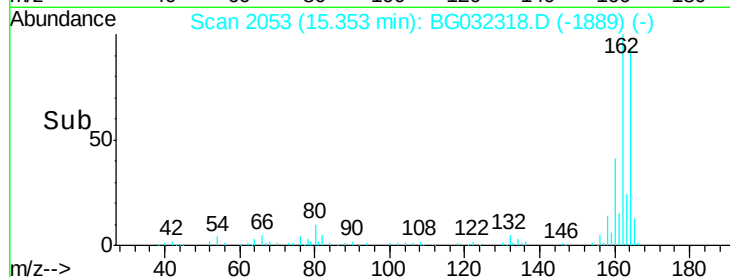
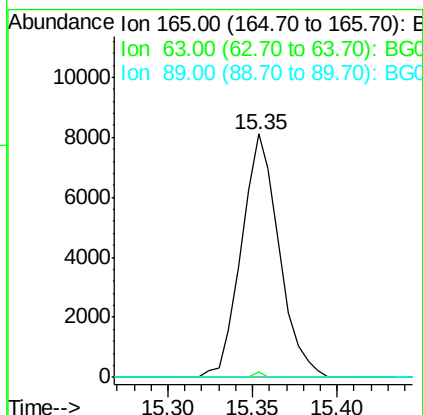
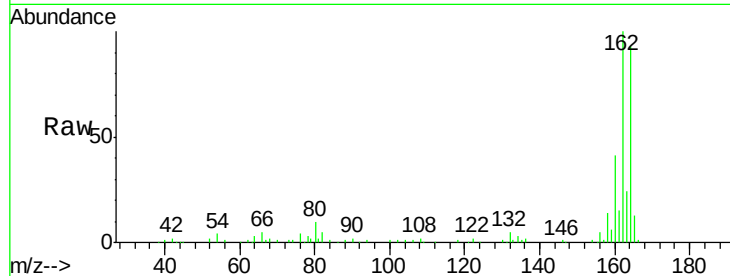




#50
 2,6-Dinitrotoluene
 Concen: 7.165 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. 0.43 min
 Lab File: BG032318.D
 Acq: 26 Jan 2018 7:16

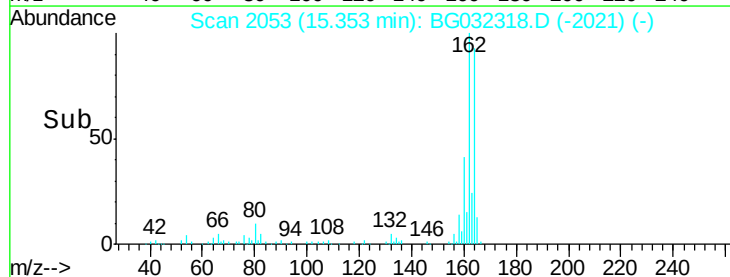
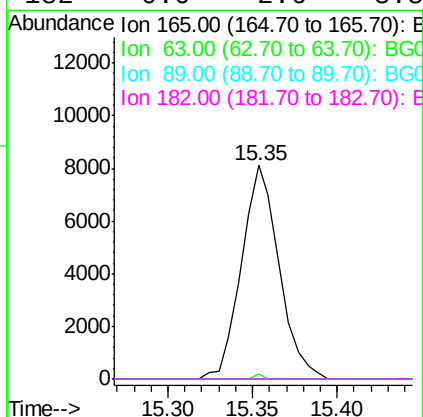
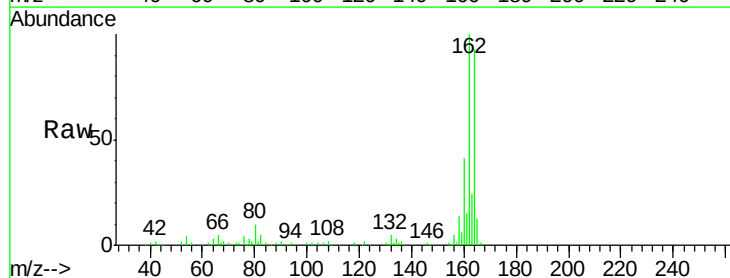
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-012418-C

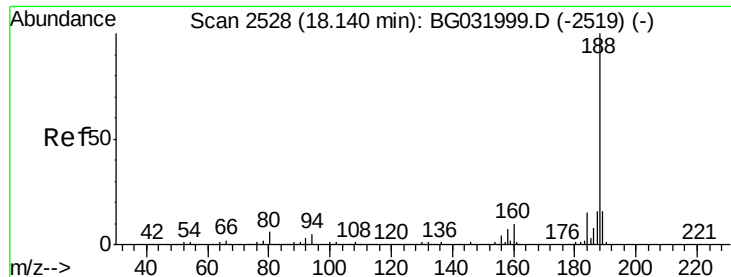
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.322 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.34 min
 Lab File: BG032318.D
 Acq: 26 Jan 2018 7:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

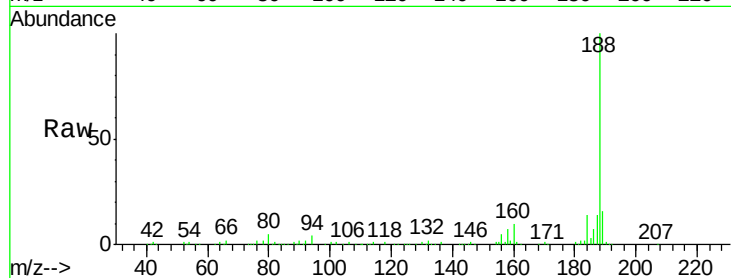




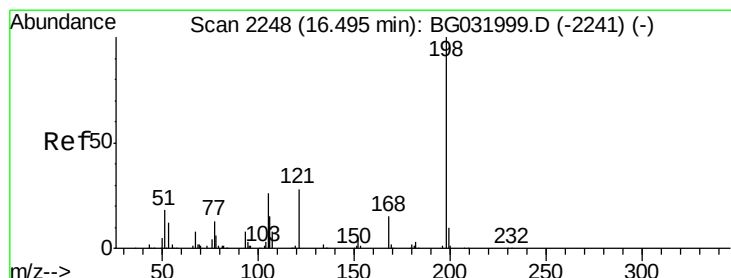
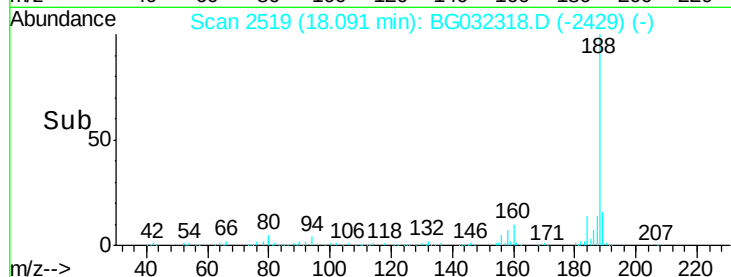
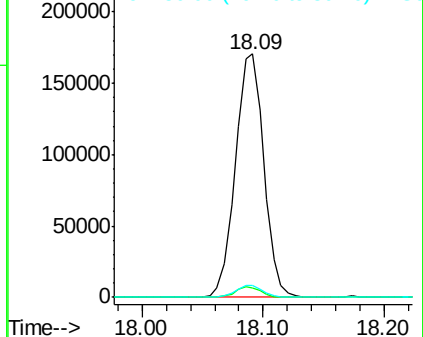
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-C

Tot Ion:188 Resp: 280422
Ion Ratio Lower Upper
188 100
94 3.6 6.9 10.3#
80 4.8 7.7 11.5#

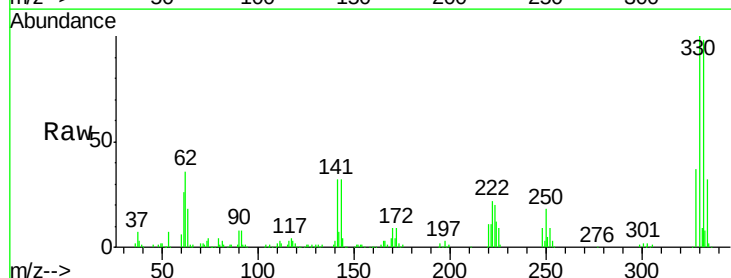


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

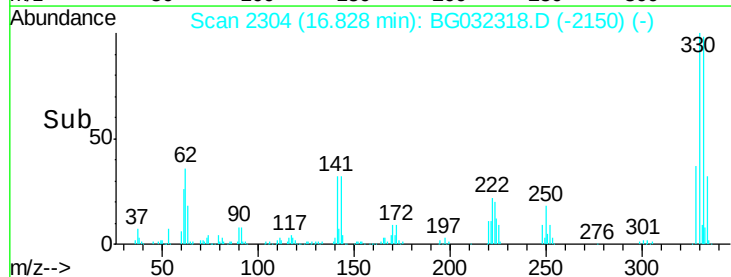
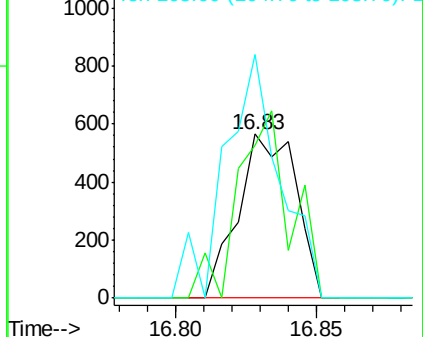


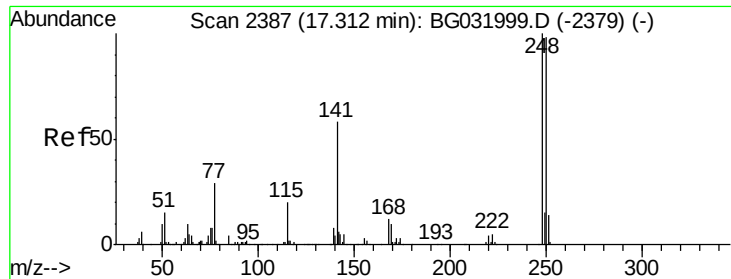
#64
4,6-Dinitro-2-methylphenol
Concen: 5.287 ng
RT: 16.83 min Scan# 2304
Delta R.T. 0.37 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Tgt Ion:198 Resp: 805
Ion Ratio Lower Upper
198 100
51 92.9 30.6 70.6#
105 148.5 23.8 63.8#



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

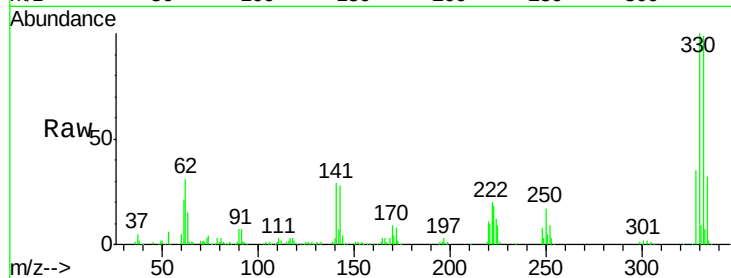




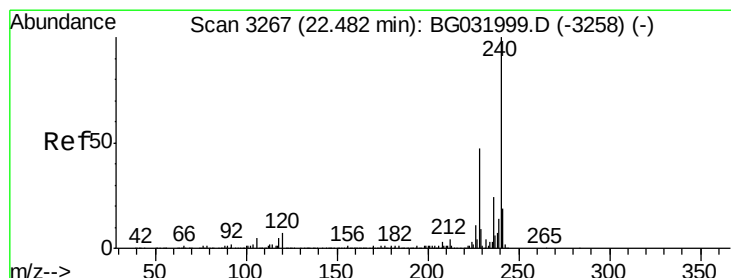
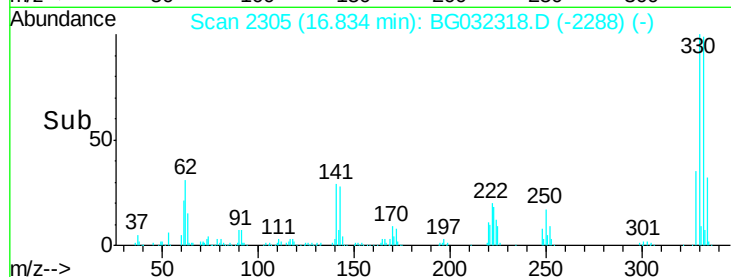
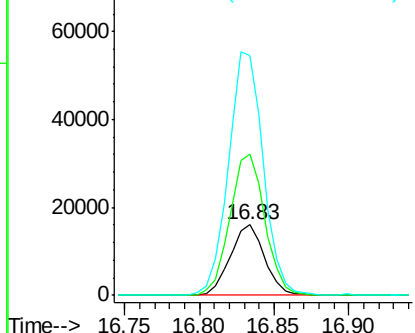
#66
 4-Bromophenyl-phenylether
 Concen: 6.480 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.43 min
 Lab File: BG032318.D
 Acq: 26 Jan 2018 7:16

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-012418-C

Tot Ion	Ratio	Lower	Upper
248	100		
250	200.5	77.1	115.7#
141	341.0	50.8	76.2#

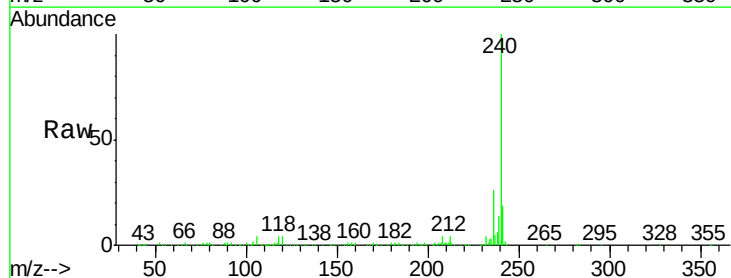


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

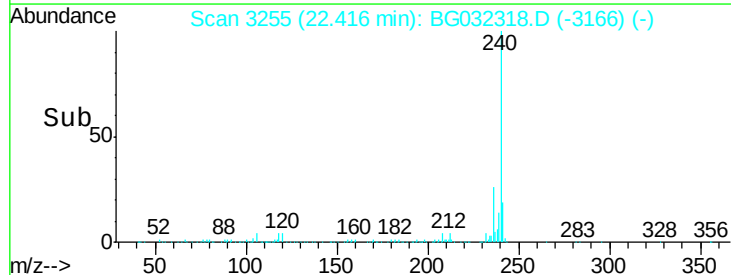
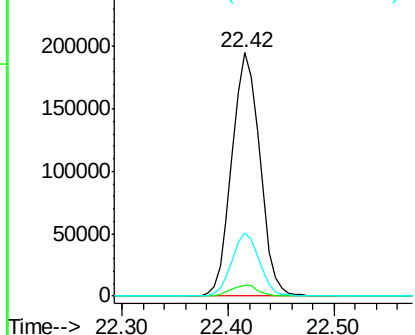


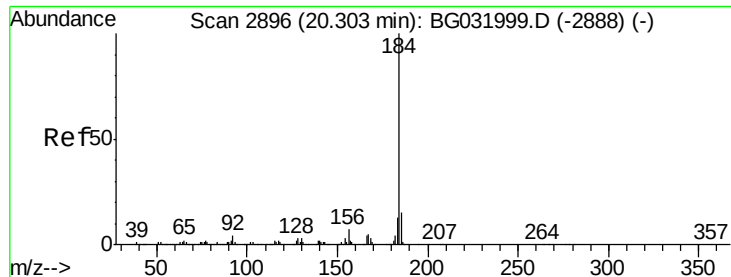
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.42 min Scan# 3255
 Delta R.T. -0.01 min
 Lab File: BG032318.D
 Acq: 26 Jan 2018 7:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.9	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

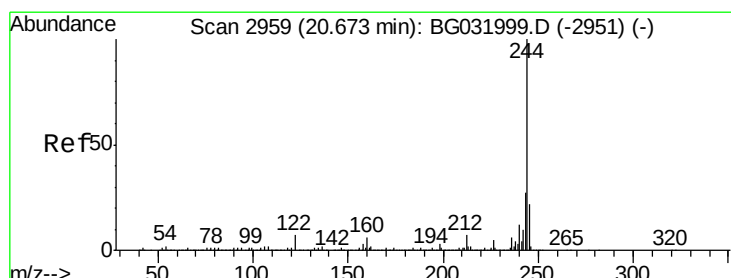
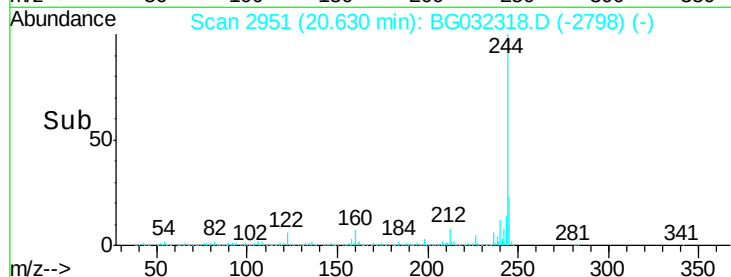
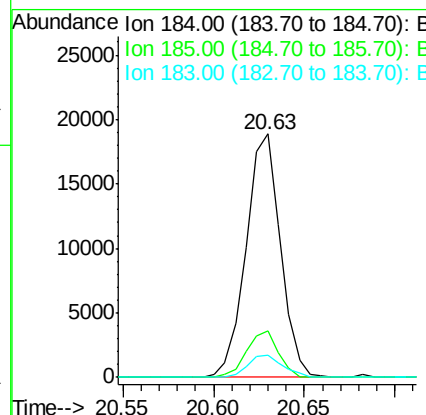
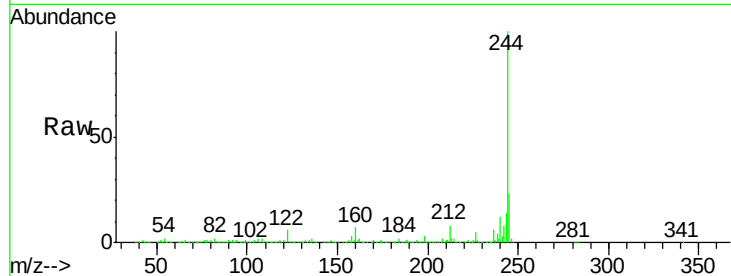




#76
Benzidine
Concen: 2.776 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.37 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

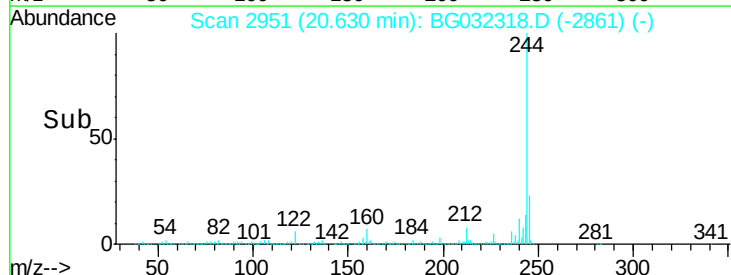
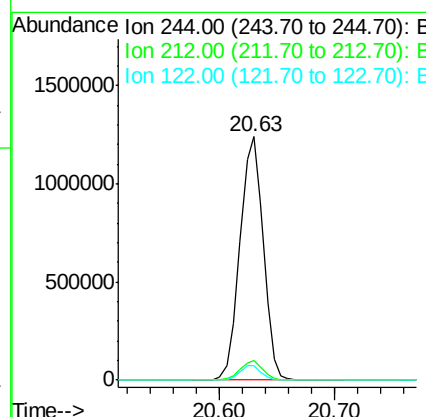
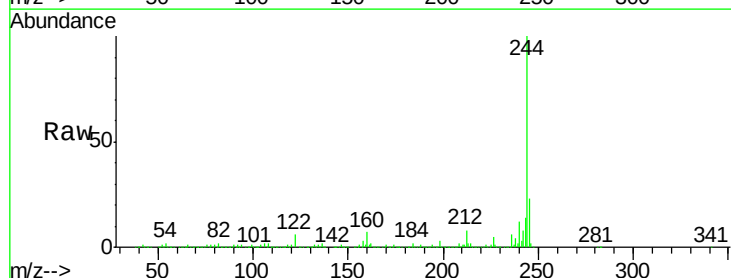
Instrument :
BNA_G
ClientSampleId :
PL-02-012418-C

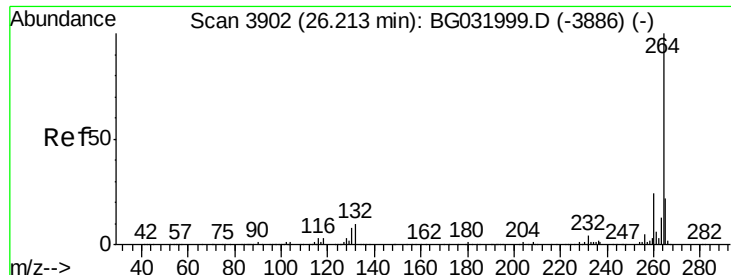
Tot Ion:184 Resp: 24850
Ion Ratio Lower Upper
184 100
185 19.2 11.1 16.7#
183 9.3 10.6 16.0#



#78
Terphenyl-d14
Concen: 106.630 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Tgt Ion:244 Resp: 1728954
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.8
122 5.9 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-C

Tot Ion:	264	Resp:	381460
Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.2	17.7	26.5

