

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
 Data File : BG039338.D
 Acq On : 30 Jan 2019 21:51
 Operator : JU/SJ
 Sample : K1282-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jan 31 05:43:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	41411	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	172653	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	115885	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	290057	20.00	ng	0.00
76) Chrysene-d12	21.84	240	310012	20.00	ng	-0.01
87) Perylene-d12	25.23	264	304861	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	299269	123.69	ng	0.00
7) Phenol-d6	7.31	99	400089	112.34	ng	0.00
23) Nitrobenzene-d5	9.35	82	273912	99.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	170535	136.66	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	692978	85.78	ng	0.00
79) Terphenyl-d14	20.14	244	1176841	80.35	ng	0.00

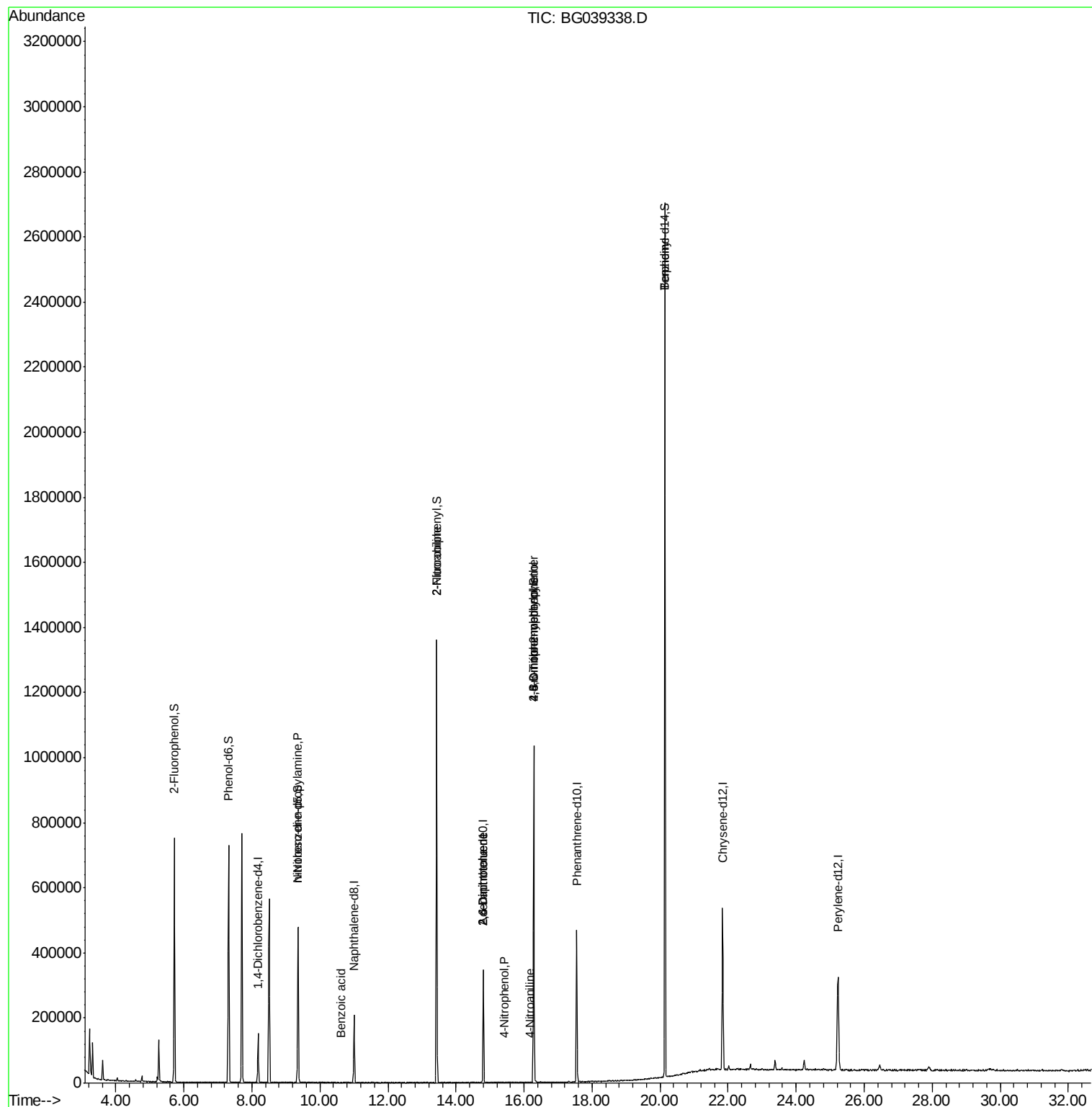
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	763	Below Cal		# 4
19) n-Nitroso-di-n-propylamine	9.35	70	36587	14.474	ng	# 67
32) Benzoic acid	10.62	122	55	9.049	ng	# 1
48) 2-Nitroaniline	13.43	65	1265	8.798	ng	# 13
51) 2,6-Dinitrotoluene	14.80	165	14727	13.828	ng	# 23
56) 4-Nitrophenol	15.43	139	78	5.837	ng	# 1
57) 2,4-Dinitrotoluene	14.80	165	14727	13.326	ng	# 18
62) 4-Nitroaniline	16.18	138	55	4.228	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.28	198	607	4.846	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	12952	4.025	ng	# 1
77) Benzidine	20.14	184	21714	2.136	ng	# 95

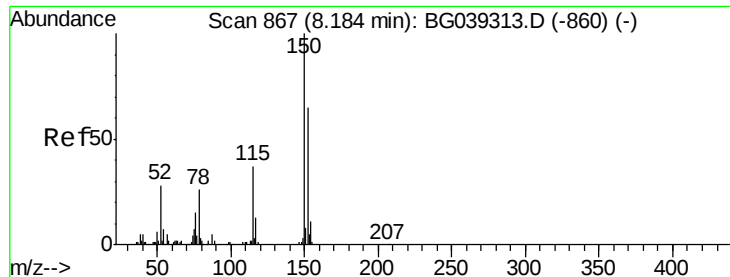
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039338.D
Acq On : 30 Jan 2019 21:51
Operator : JU/SJ
Sample : K1282-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Jan 31 05:43:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



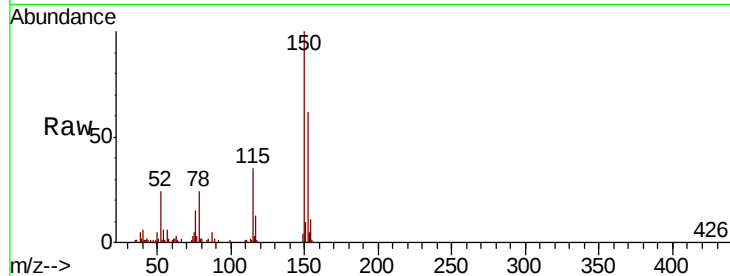


#1

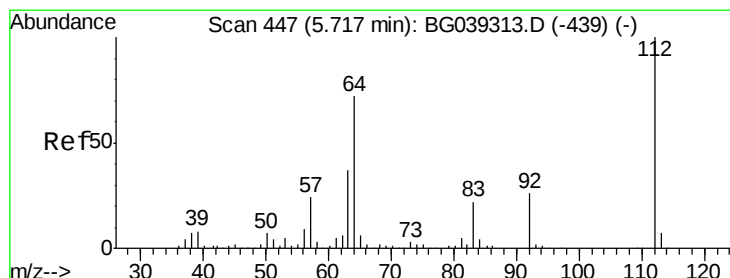
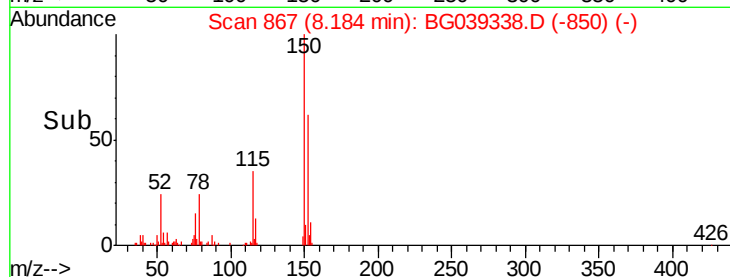
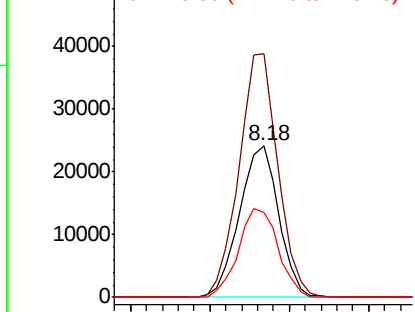
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampled :
TP-1

Tgt Ion:152 Resp: 41411
Ion Ratio Lower Upper
152 100
150 160.1 123.7 185.5
115 55.9 45.9 68.9



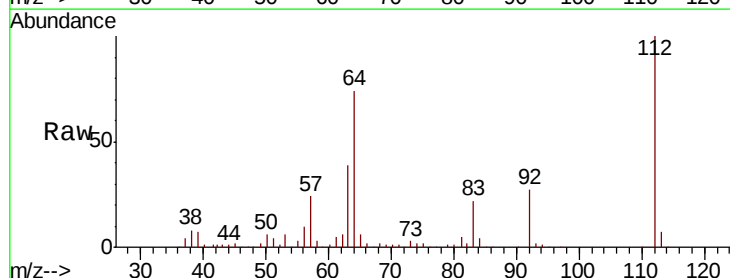
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



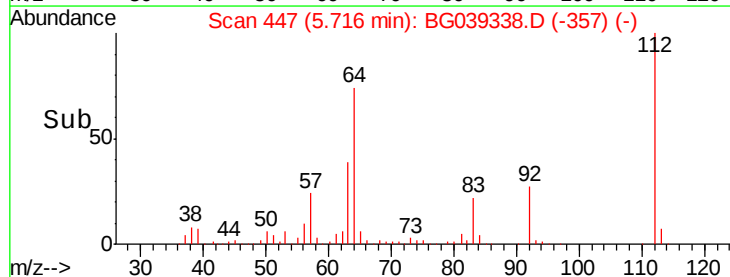
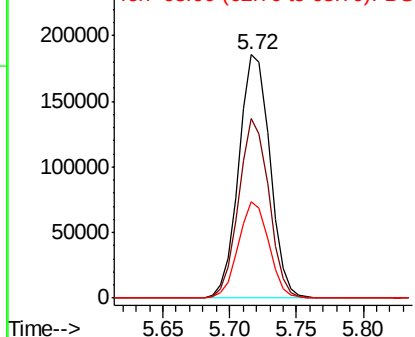
#5

2-Fluorophenol
Concen: 123.687 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:112 Resp: 299269
Ion Ratio Lower Upper
112 100
64 73.7 57.8 86.8
63 39.4 29.8 44.6



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: 112.336 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

Instrument :

BNA_G

ClientSampleId :

TP-1

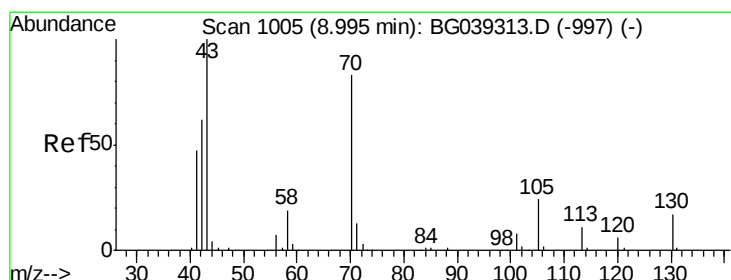
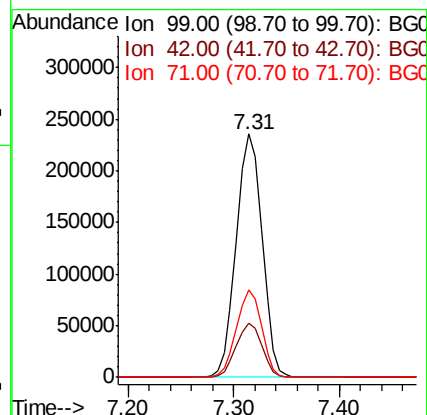
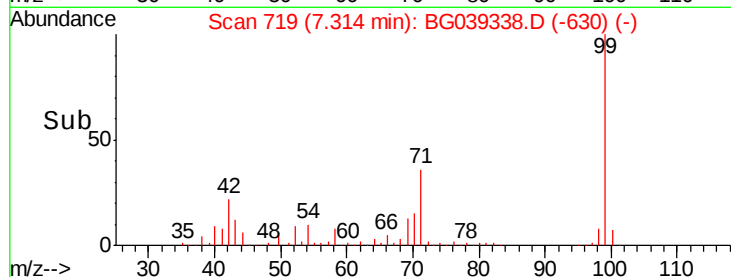
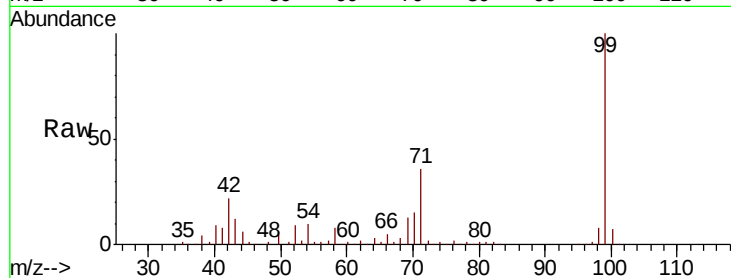
Tgt Ion: 99 Resp: 400089

Ion Ratio Lower Upper

99 100

42 22.5 18.2 27.2

71 35.9 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.474 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

Tgt Ion: 70 Resp: 36587

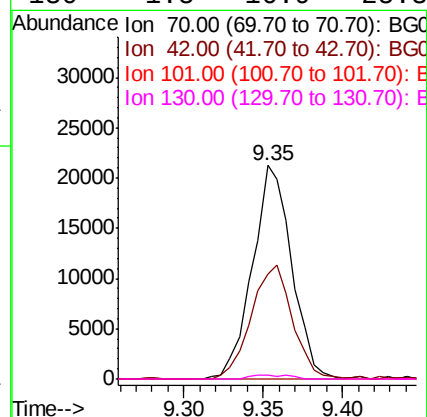
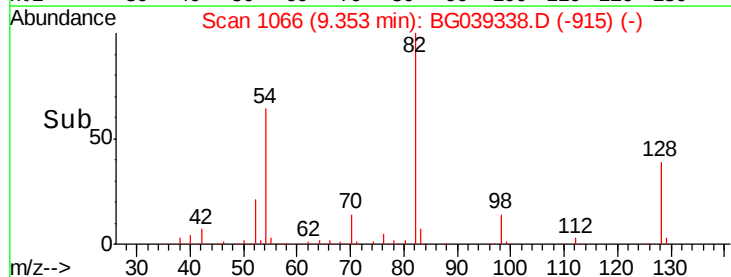
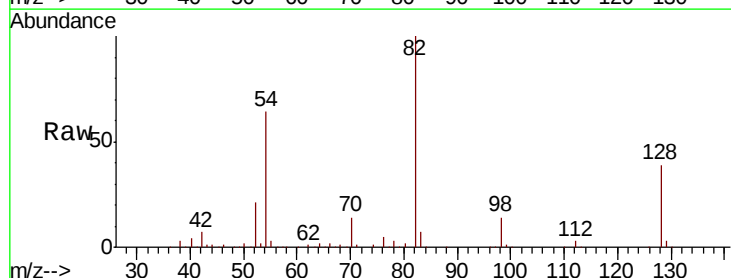
Ion Ratio Lower Upper

70 100

42 49.1 60.4 90.6#

101 0.0 7.5 11.3#

130 1.5 16.9 25.3#

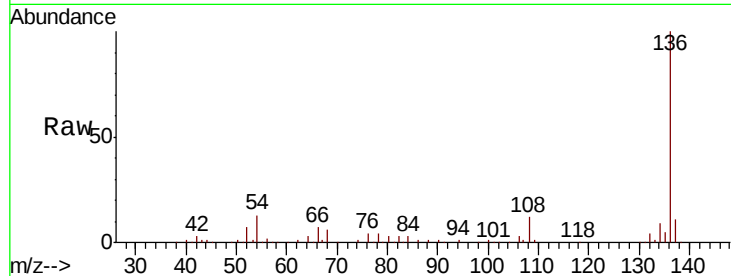




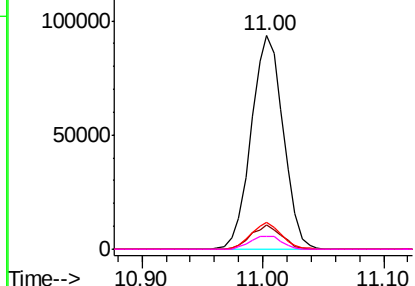
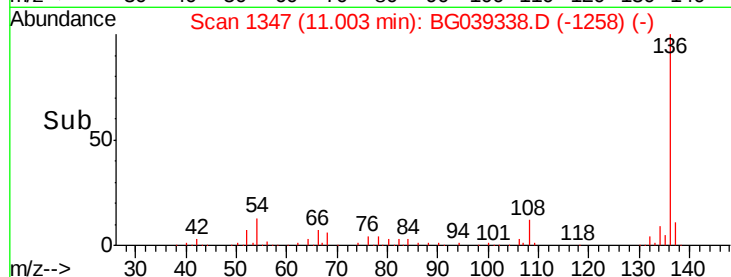
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampled :
TP-1

Tgt Ion:	136	Resp:	172653
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	12.9	9.4	14.2
68	6.1	4.2	6.4

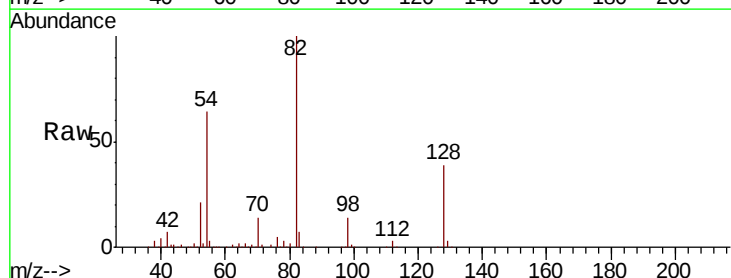


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

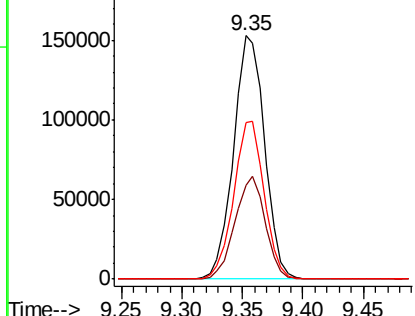
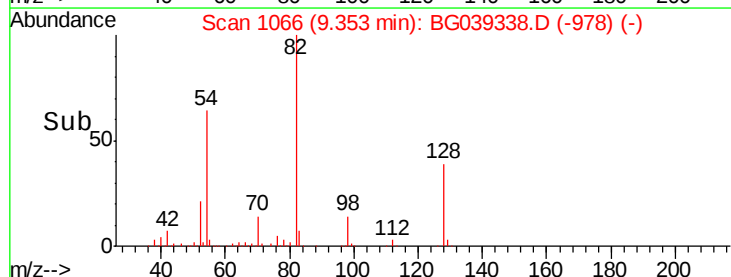


#23
Nitrobenzene-d5
Concen: 99.110 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:	82	Resp:	273912
Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.3	46.9
54	64.1	50.9	76.3



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

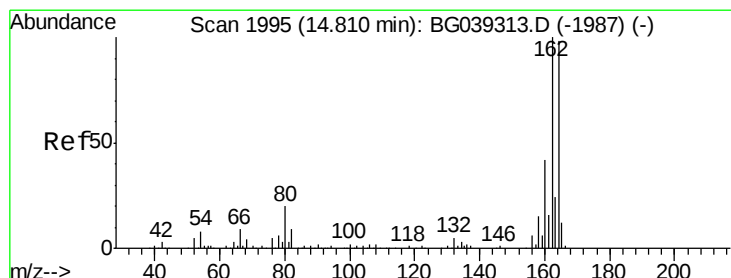
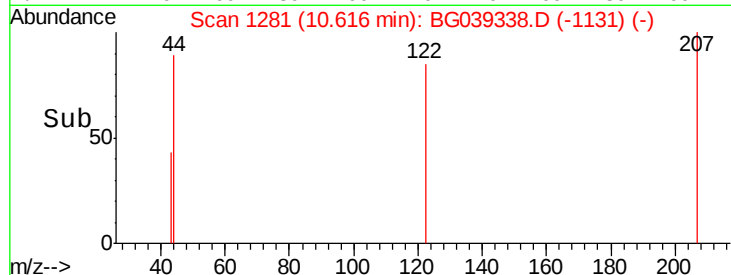
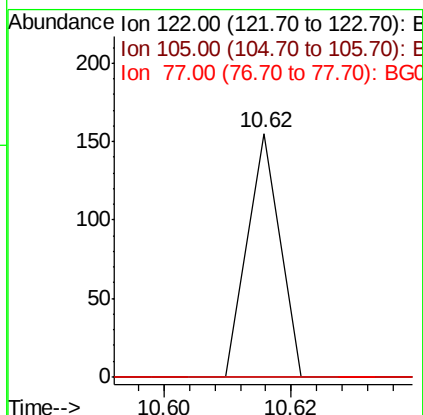
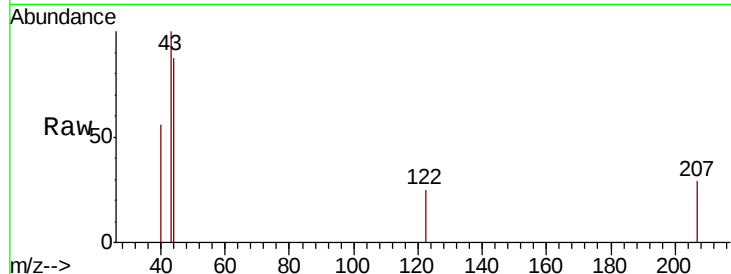




#32
Benzoic acid
Concen: 9.049 ng
RT: 10.62 min Scan# 1281
Delta R.T. 0.35 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

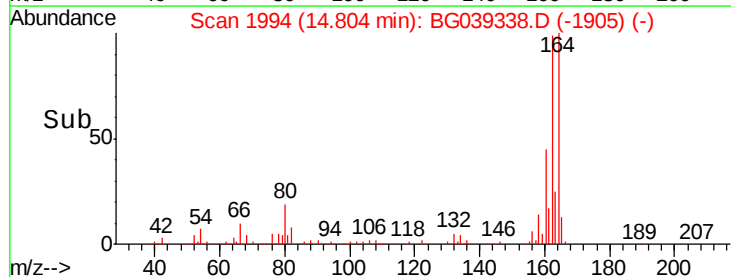
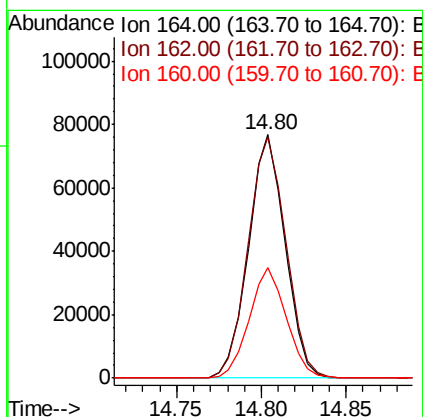
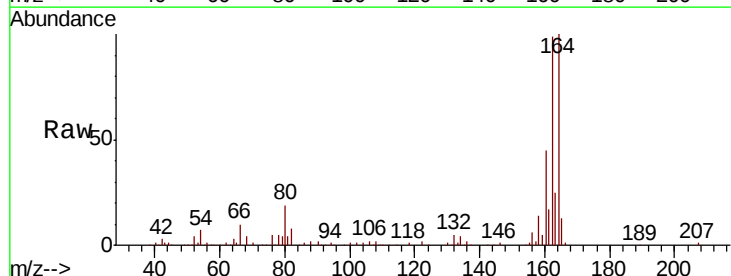
Instrument :
BNA_G
ClientSampleId :
TP-1

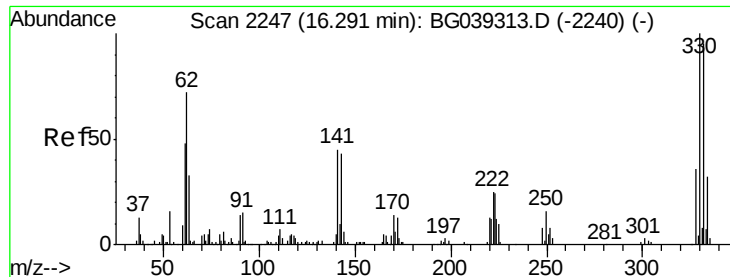
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.6	122.4
160	45.3	34.2	51.2

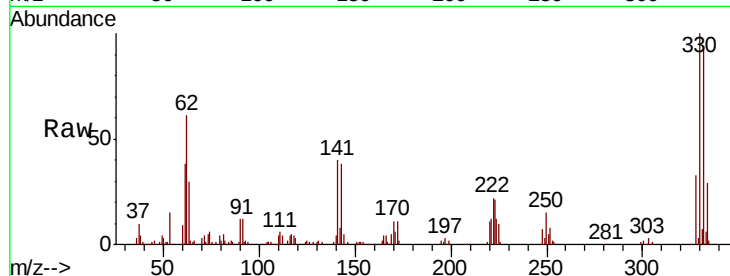




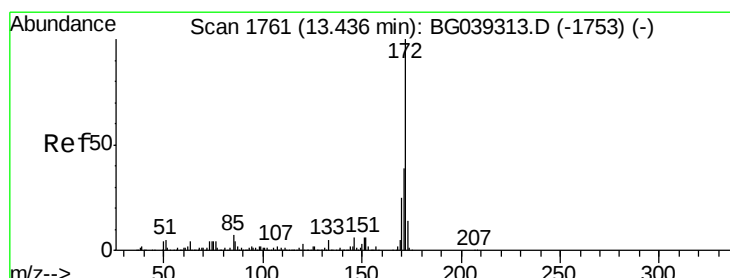
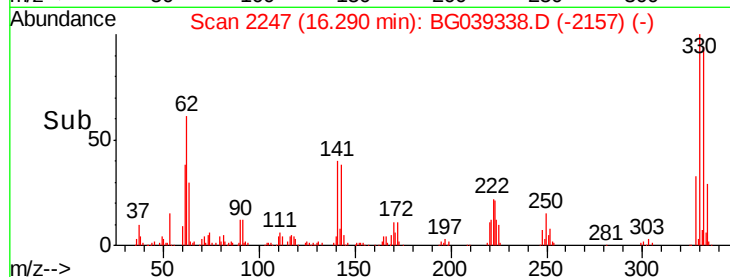
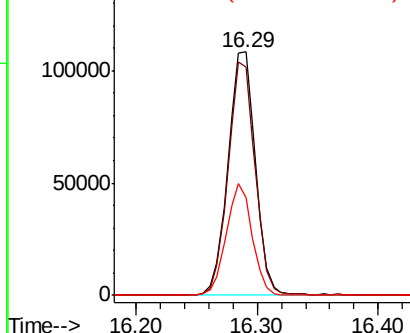
#42
 2,4,6-Tribromophenol
 Concen: 136.659 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BG039338.D
 Acq: 30 Jan 2019 21:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:330 Resp: 170535
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.7 113.5
 141 43.3 35.6 53.4

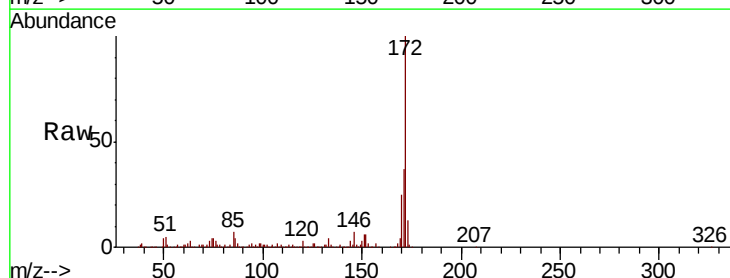


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

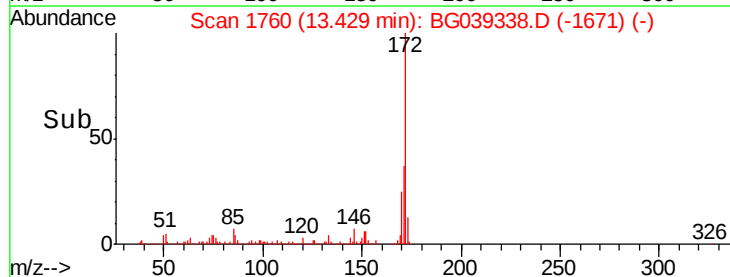
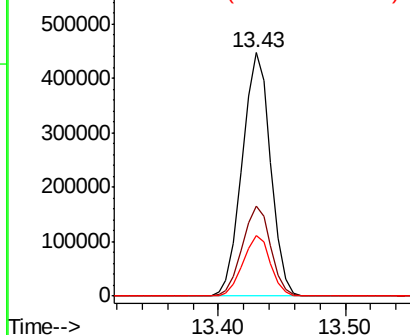


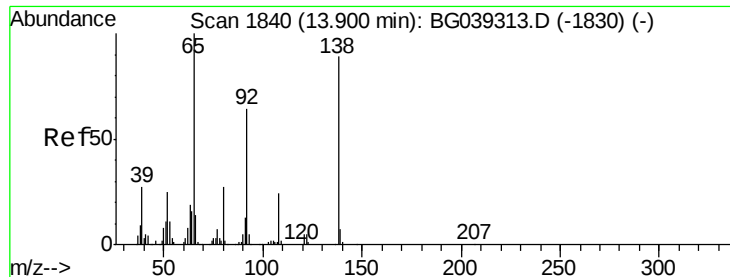
#45
 2-Fluorobiphenyl
 Concen: 85.784 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039338.D
 Acq: 30 Jan 2019 21:51

Tgt Ion:172 Resp: 692978
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.7 20.2 30.4



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

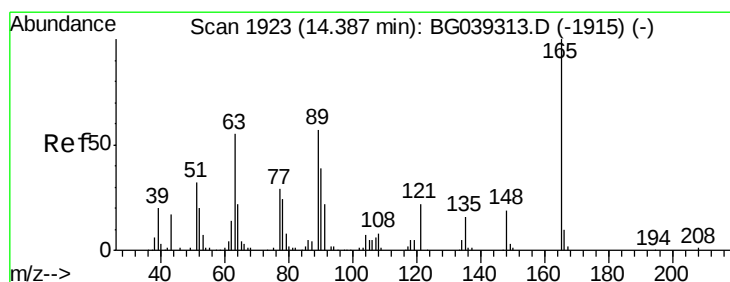
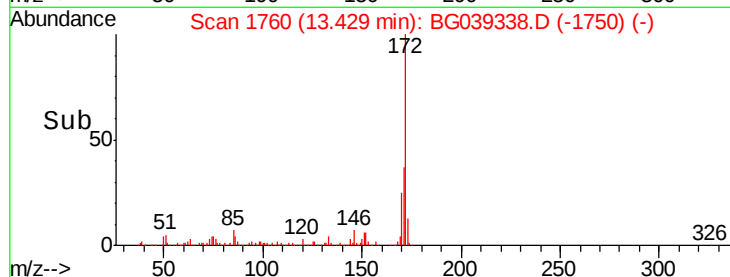
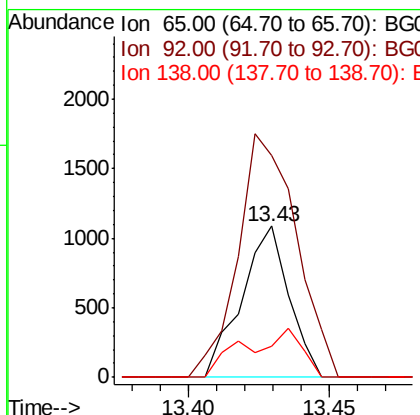
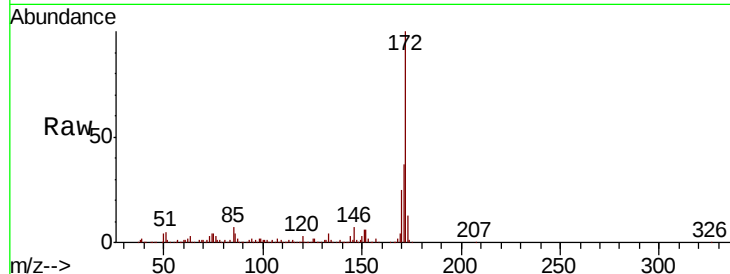




#48
2-Nitroaniline
Concen: 8.798 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.47 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

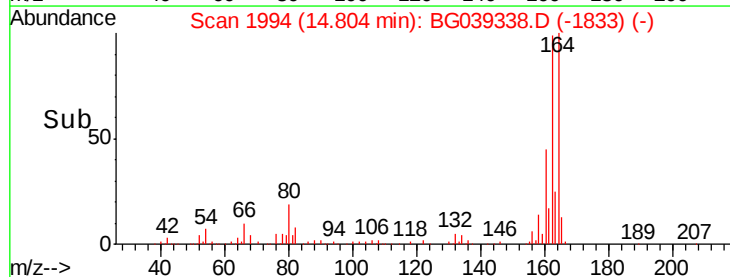
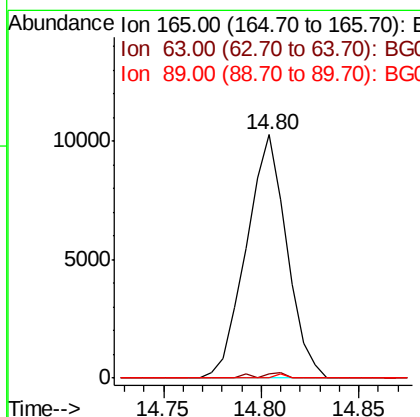
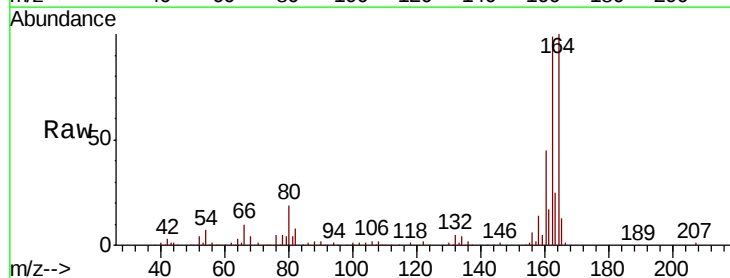
Instrument :
BNA_G
ClientSampleId :
TP-1

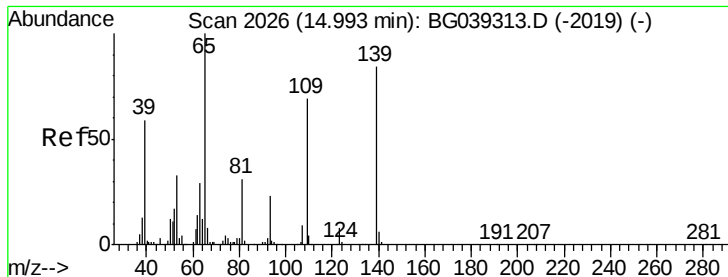
Tgt Ion: 65 Resp: 1265
Ion Ratio Lower Upper
65 100
92 147.0 51.4 77.2#
138 20.7 71.4 107.2#



#51
2,6-Dinitrotoluene
Concen: 13.828 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.42 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion: 165 Resp: 14727
Ion Ratio Lower Upper
165 100
63 1.7 47.0 70.6#
89 0.0 45.8 68.8#

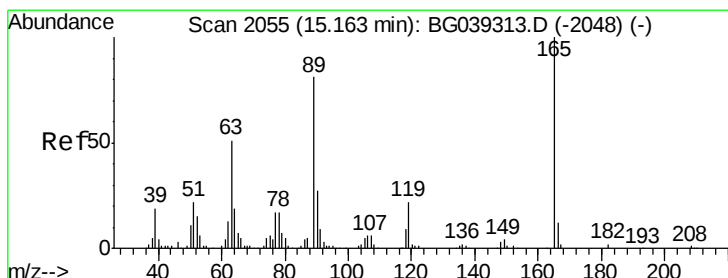
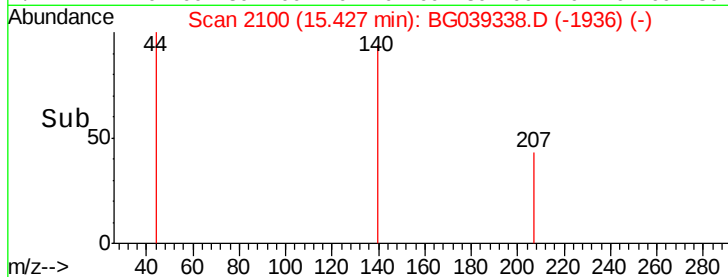
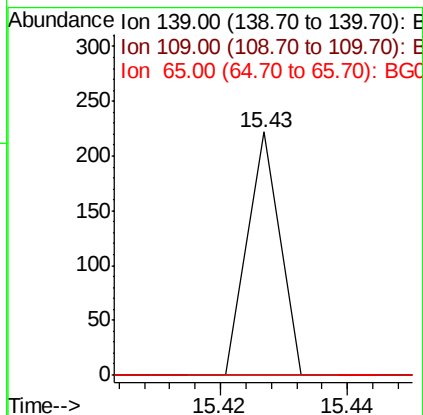
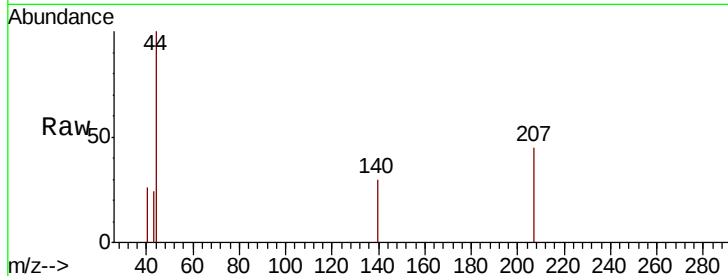




#56
4-Nitrophenol
Concen: 5.837 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.43 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

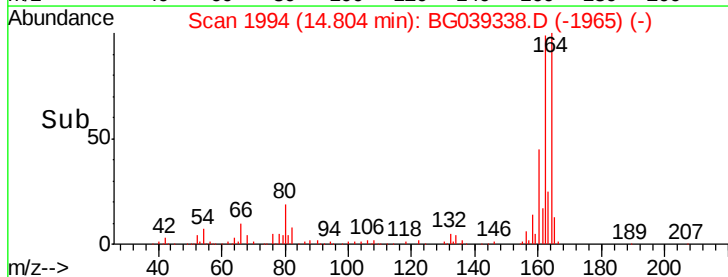
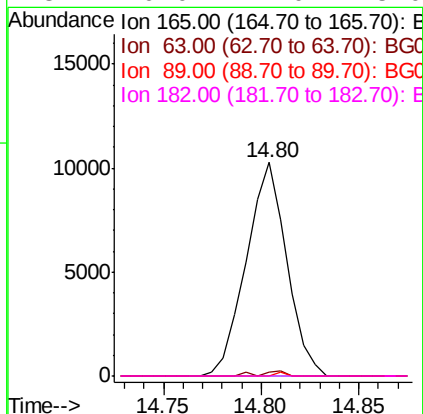
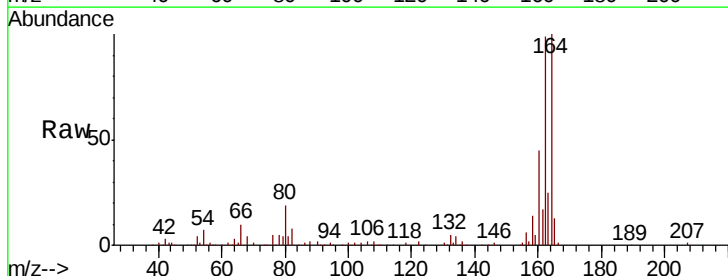
Instrument :
BNA_G
ClientSampleId :
TP-1

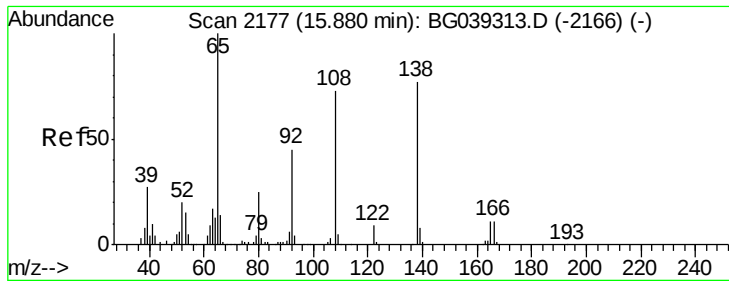
Tgt Ion:139 Resp: 78
Ion Ratio Lower Upper
139 100
109 0.0 61.9 101.9#
65 0.0 99.1 139.1#



#57
2,4-Dinitrotoluene
Concen: 13.326 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:165 Resp: 14727
Ion Ratio Lower Upper
165 100
63 1.7 41.0 61.6#
89 0.0 64.6 96.8#
182 0.0 2.0 3.0#

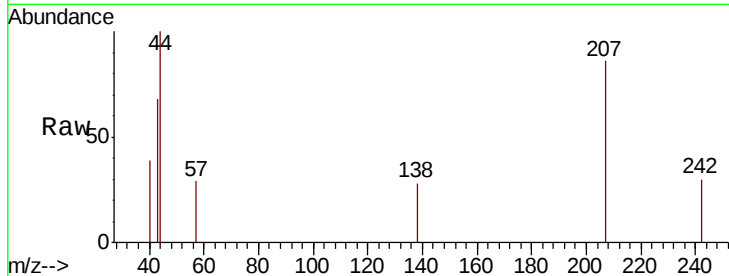




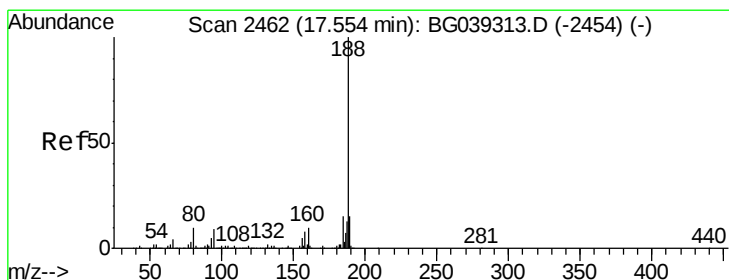
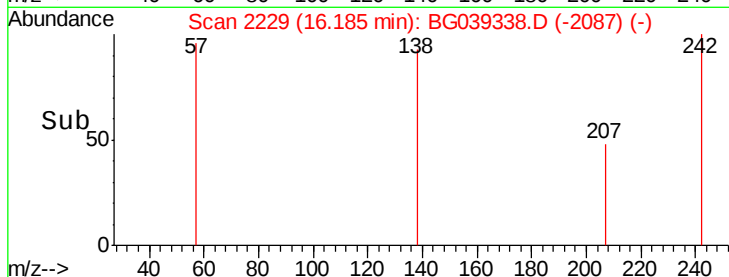
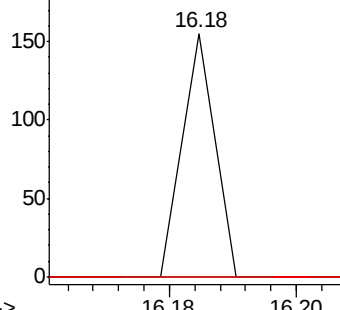
#62
4-Nitroaniline
Concen: 4.228 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.31 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 0.0 38.7 78.7#
108 0.0 74.6 114.6#

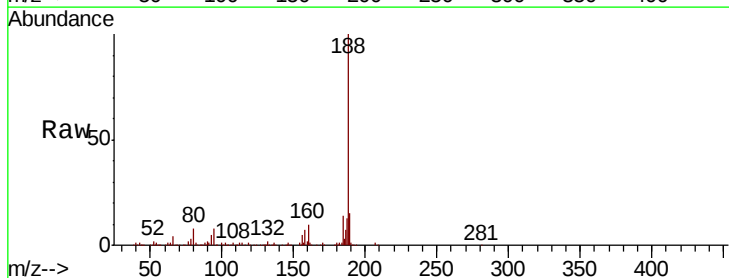


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

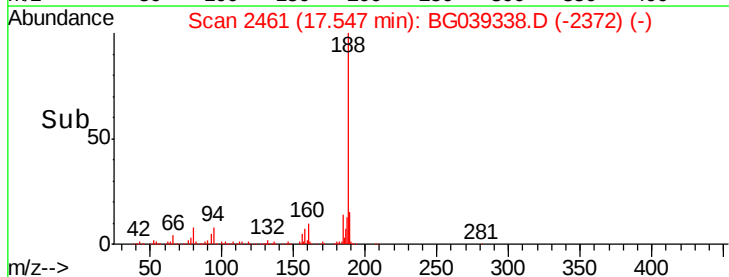
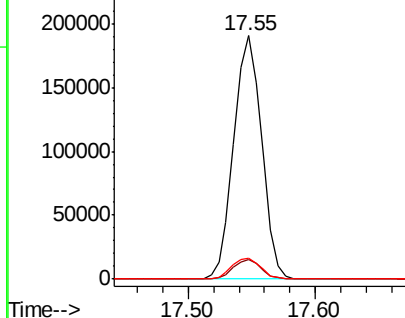


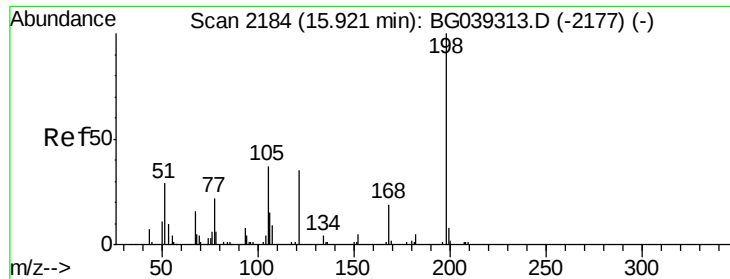
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:188 Resp: 290057
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.4 8.1 12.1



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

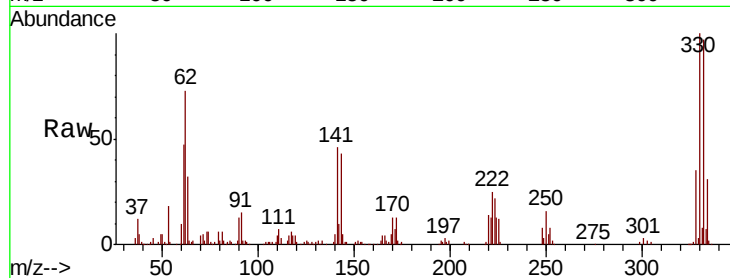




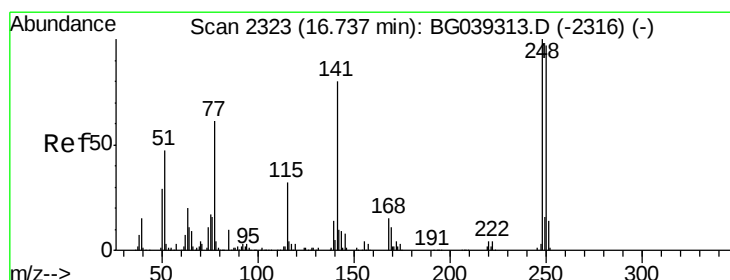
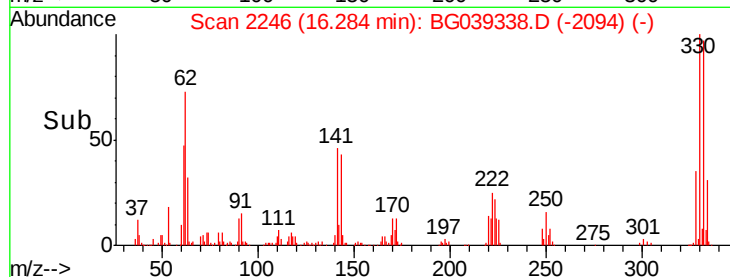
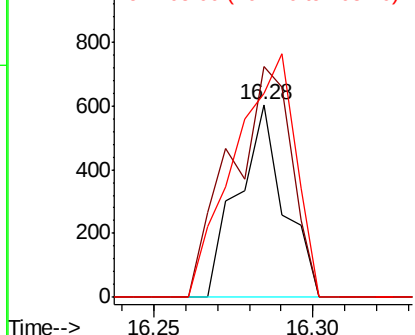
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.846 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. 0.36 min
 Lab File: BG039338.D
 Acq: 30 Jan 2019 21:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:198 Resp: 607
 Ion Ratio Lower Upper
 198 100
 51 119.7 27.4 67.4#
 105 106.1 19.7 59.7#

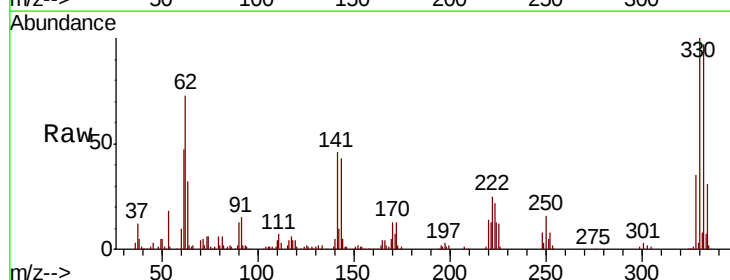


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

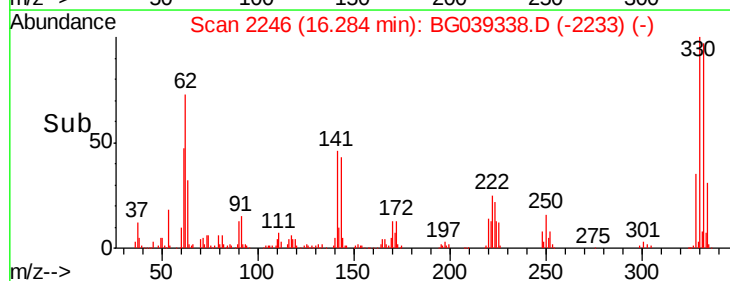
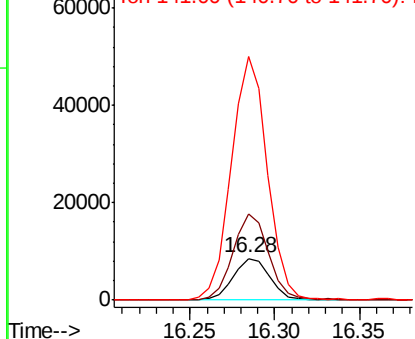


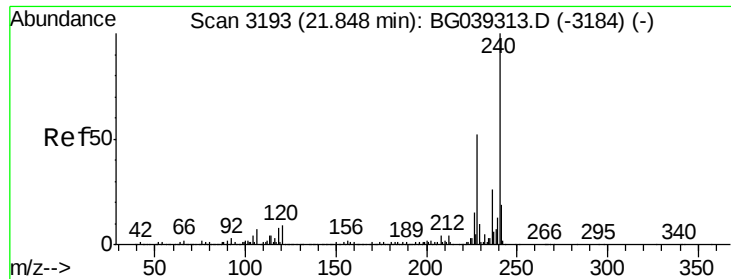
#67
 4-Bromophenyl-phenylether
 Concen: 4.025 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.45 min
 Lab File: BG039338.D
 Acq: 30 Jan 2019 21:51

Tgt Ion:248 Resp: 12952
 Ion Ratio Lower Upper
 248 100
 250 206.1 77.6 116.4#
 141 586.1 63.9 95.9#



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

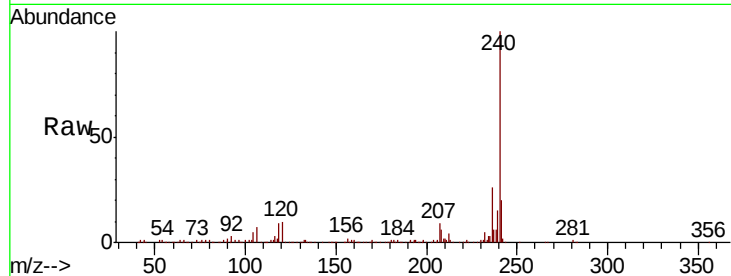




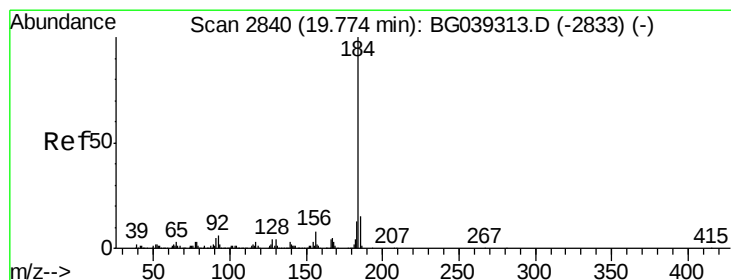
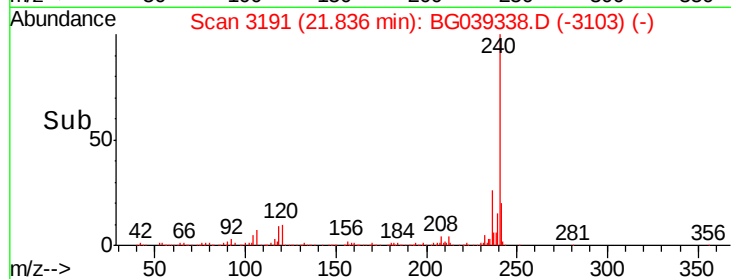
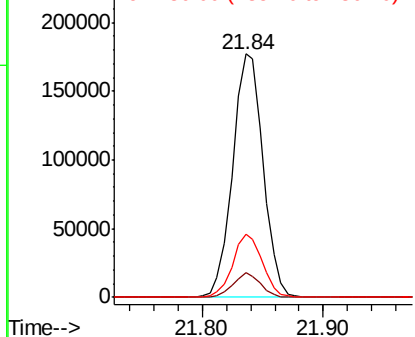
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 310012
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 25.7 21.0 31.4

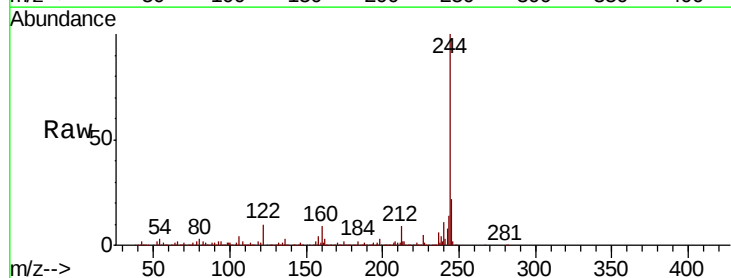


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

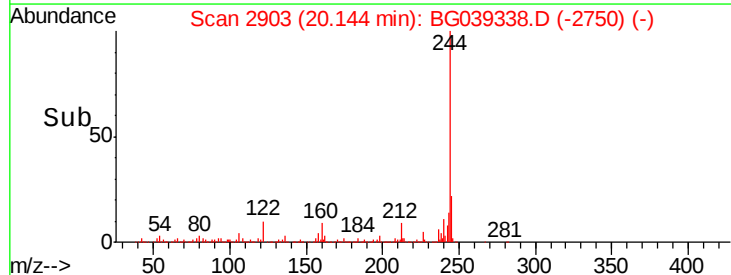
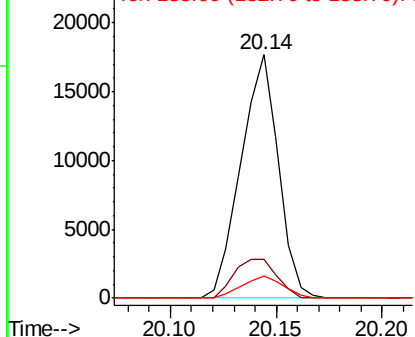


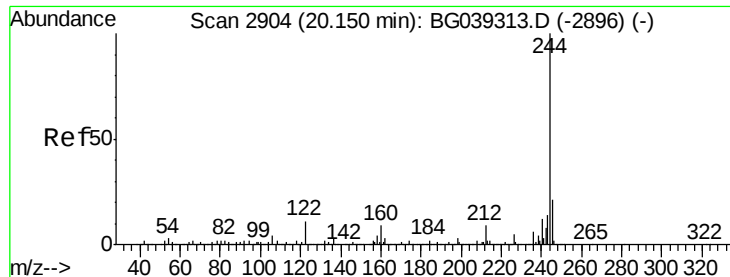
#77
Benzidine
Concen: 2.136 ng
RT: 20.14 min Scan# 2903
Delta R.T. 0.37 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion:184 Resp: 21714
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 9.4 10.6 15.8#



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





#79

Terphenyl-d14

Concen: 80.352 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

Instrument :

BNA_G

ClientSampleId :

TP-1

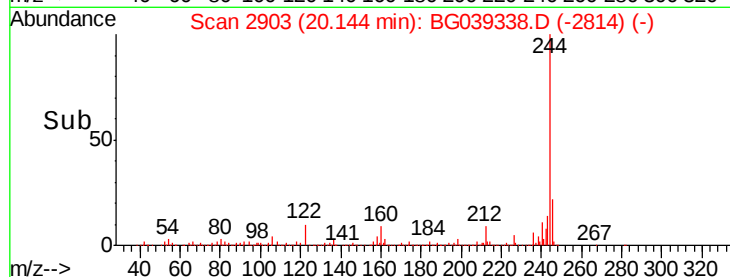
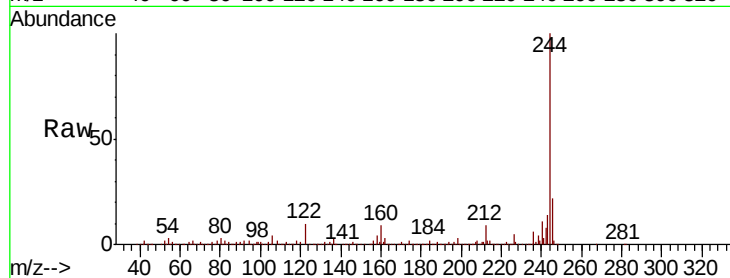
Tgt Ion:244 Resp: 1176841

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

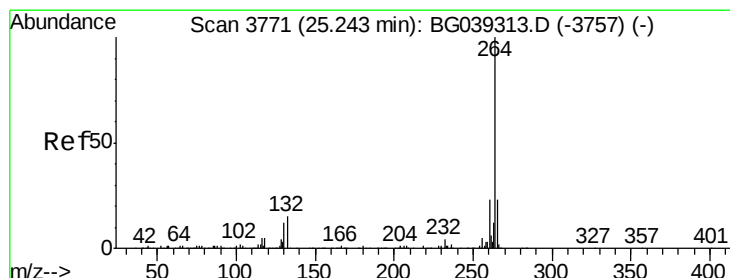
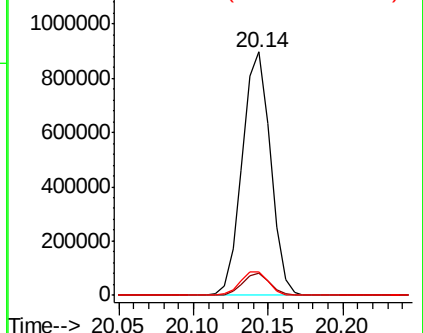
122 9.7 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 25.23 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

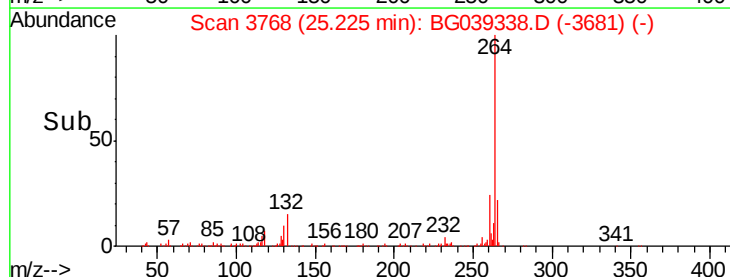
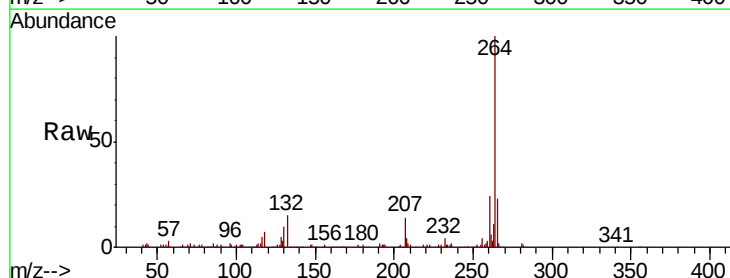
Tgt Ion:264 Resp: 304861

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.6 18.5 27.7



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

