

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110718\
 Data File : BG037861.D
 Acq On : 7 Nov 2018 12:12
 Operator : JU/SJ
 Sample : J5820-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS093081

Quant Time: Nov 07 13:18:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	59398	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	266452	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	177769	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	383317	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	342964	20.00	ng	-0.02
87) Perylene-d12	25.09	264	304439	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	200875	56.54	ng	-0.01
7) Phenol-d6	7.24	99	185419	34.51	ng	-0.02
23) Nitrobenzene-d5	9.27	82	409764	86.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	234877	121.14	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	995786	84.47	ng	-0.02
79) Terphenyl-d14	20.07	244	1357978	84.61	ng	-0.02

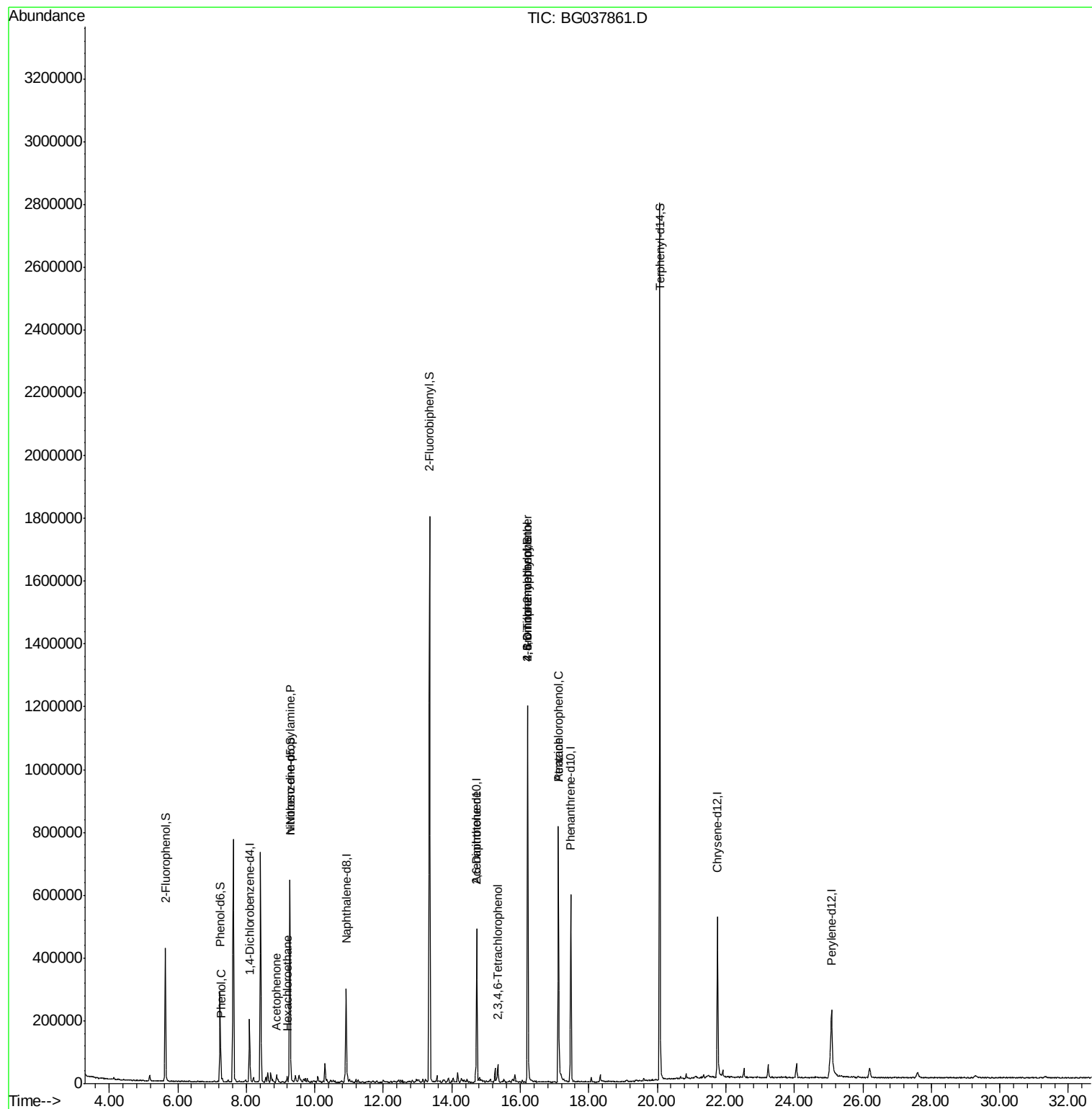
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.26	94	11932	2.105	ng	94
18) Hexachloroethane	9.20	117	4276	2.650	ng	# 27
19) n-Nitroso-di-n-propylamine	9.27	70	51864	14.019	ng	# 69
22) Acetophenone	8.89	105	18883	2.826	ng	# 55
51) 2,6-Dinitrotoluene	14.73	165	25360	8.336	ng	# 26
59) 2,3,4,6-Tetrachlorophenol	15.34	232	12373	3.465	ng	# 88
65) 4,6-Dinitro-2-methylphenol	16.22	198	819	8.842	ng	96
67) 4-Bromophenyl-phenylether	16.21	248	17080	4.058	ng	# 1
69) Atrazine	17.11	200	34228	8.211	ng	# 34
70) Pentachlorophenol	17.11	266	173702	59.440	ng	97

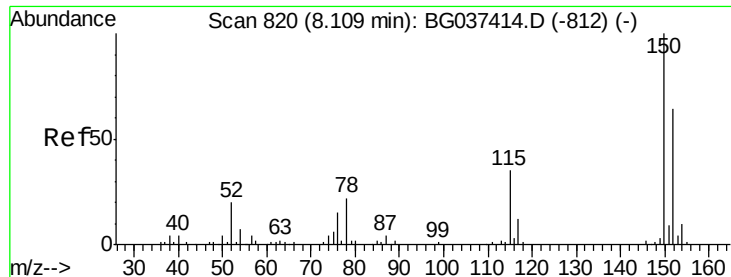
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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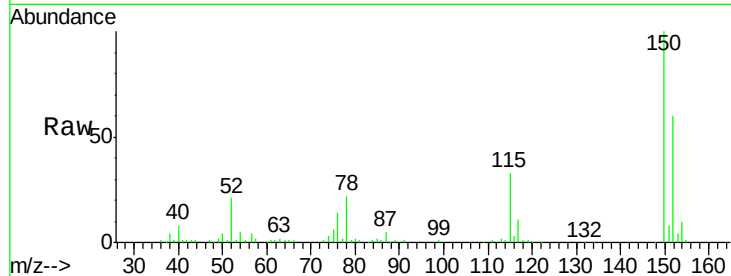


#1

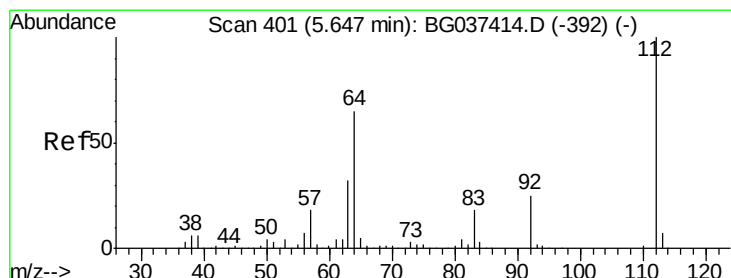
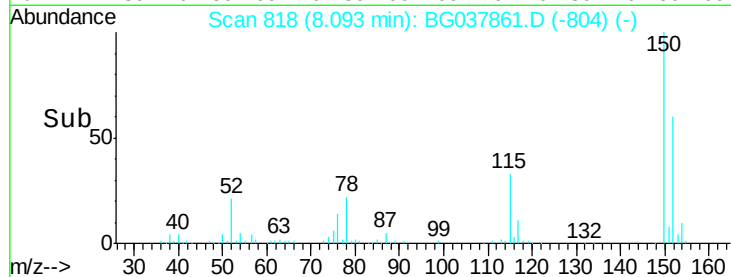
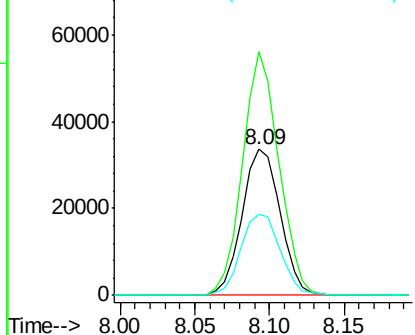
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:152 Resp: 59398
Ion Ratio Lower Upper
152 100
150 166.5 126.0 189.0
115 55.2 45.5 68.3



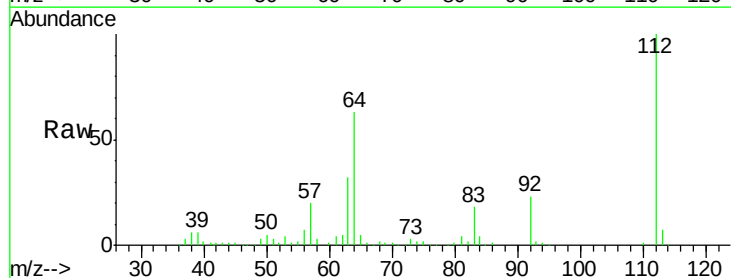
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



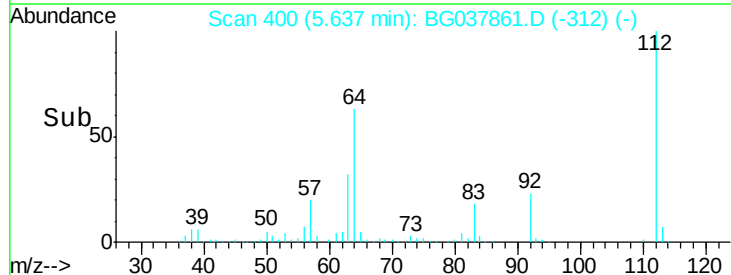
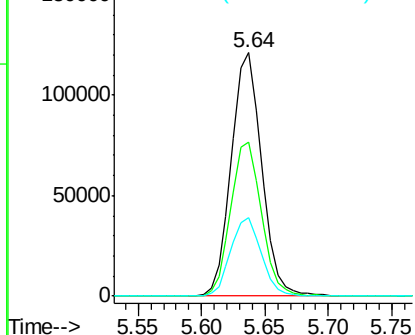
#5

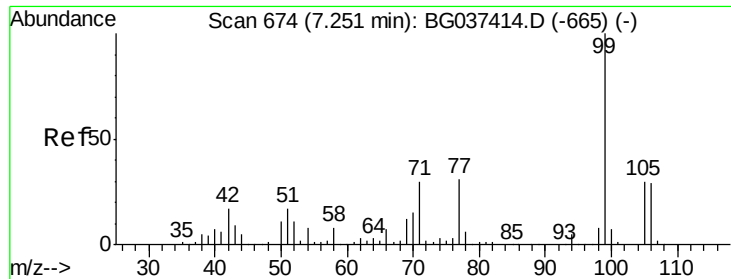
2-Fluorophenol
Concen: 56.540 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion:112 Resp: 200875
Ion Ratio Lower Upper
112 100
64 63.3 53.1 79.7
63 32.2 27.3 40.9



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: 34.514 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037861.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_G

ClientSampleId :

CPS093081

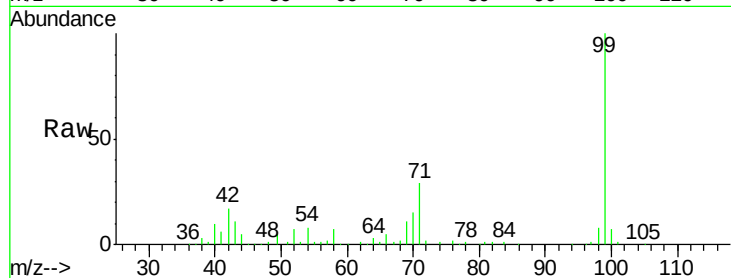
Tgt Ion: 99 Resp: 185419

Ion Ratio Lower Upper

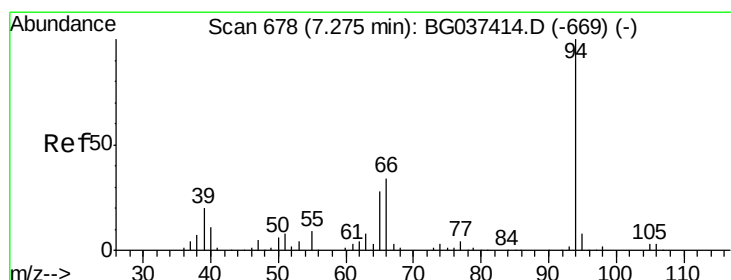
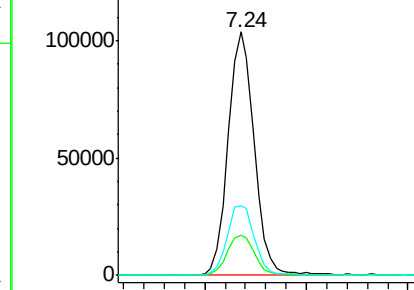
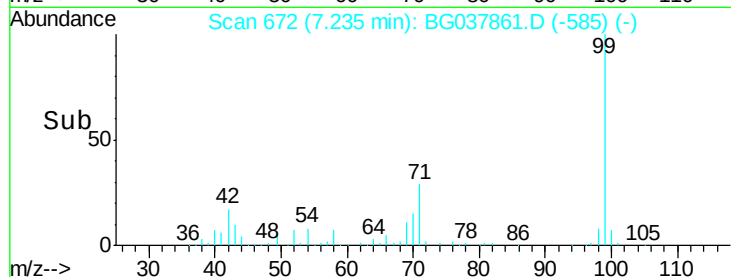
99 100

42 16.7 15.0 22.4

71 28.7 25.5 38.3



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



#10

Phenol

Concen: 2.105 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037861.D

Acq: 7 Nov 2018 12:12

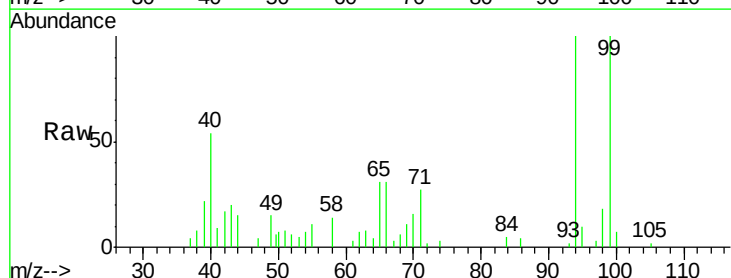
Tgt Ion: 94 Resp: 11932

Ion Ratio Lower Upper

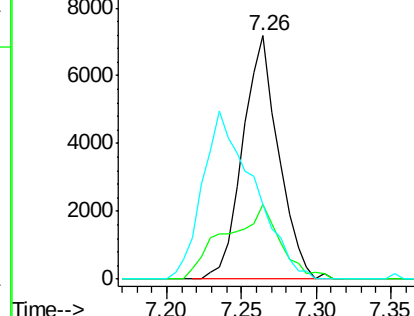
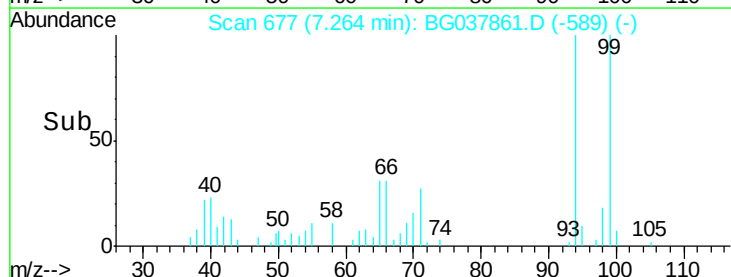
94 100

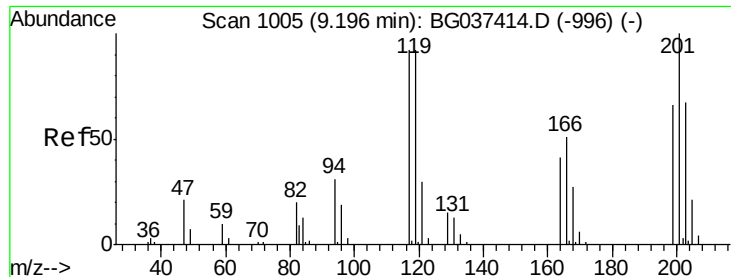
65 30.7 9.7 49.7

66 30.7 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

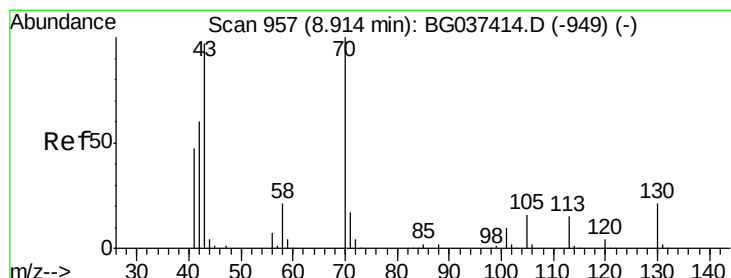
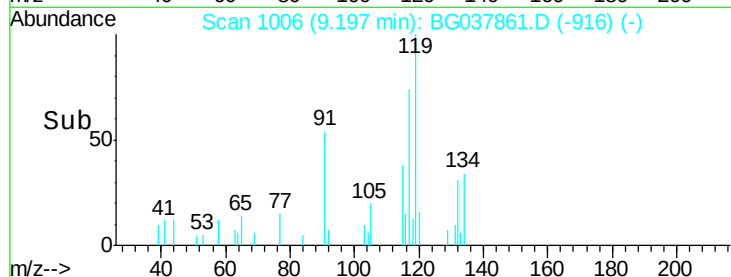
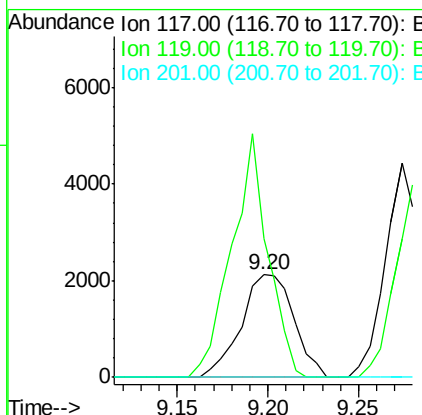
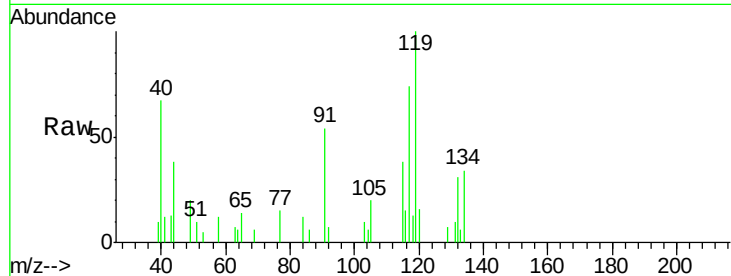




#18
Hexachloroethane
Concen: 2.650 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

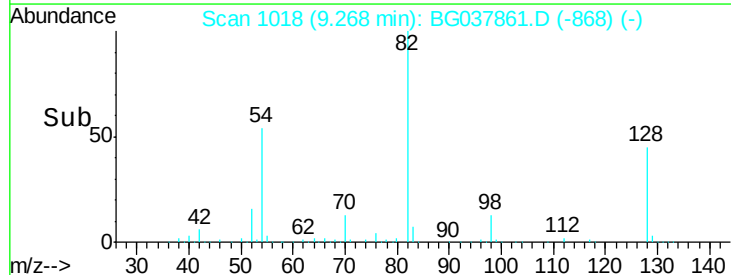
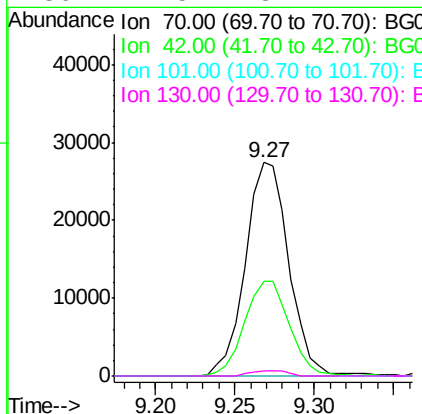
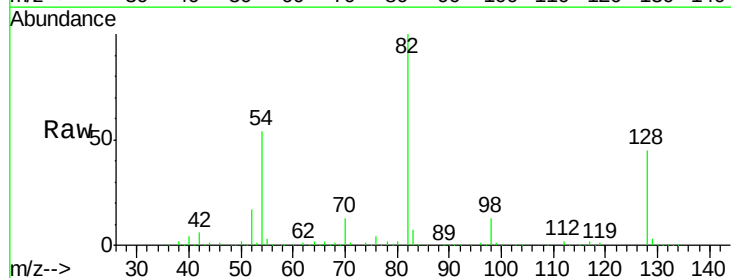
Instrument :
BNA_G
ClientSampleId :
CPS093081

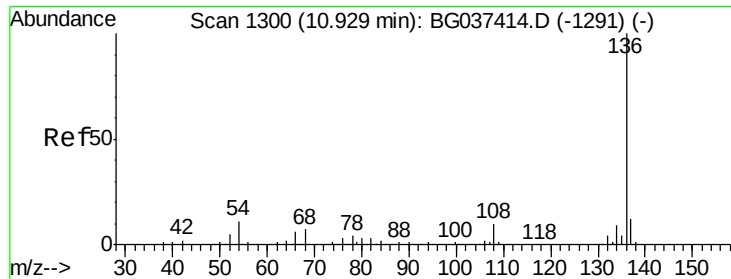
Tgt Ion: 117 Resp: 4276
Ion Ratio Lower Upper
117 100
119 135.6 74.6 111.8#
201 0.0 80.8 121.2#



#19
n-Nitroso-di-n-propylamine
Concen: 14.019 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion: 70 Resp: 51864
Ion Ratio Lower Upper
70 100
42 44.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#

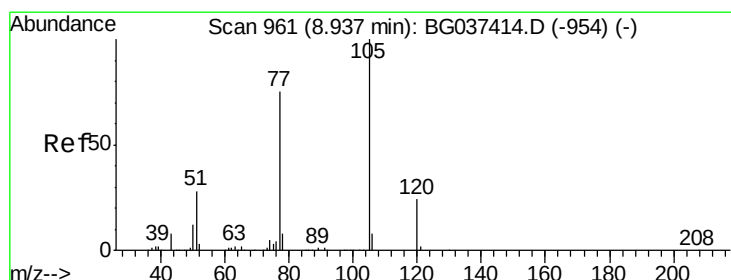
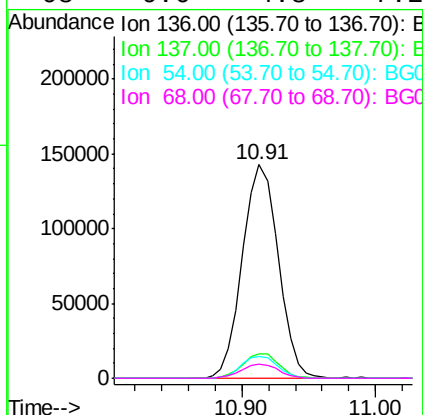
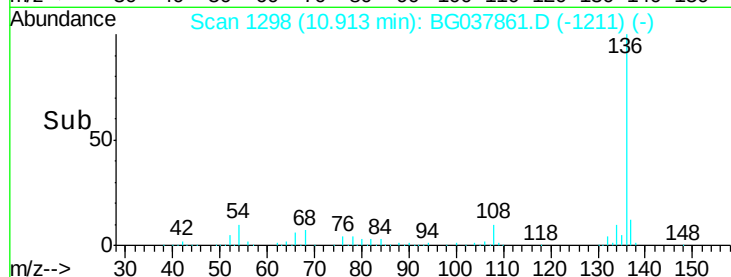
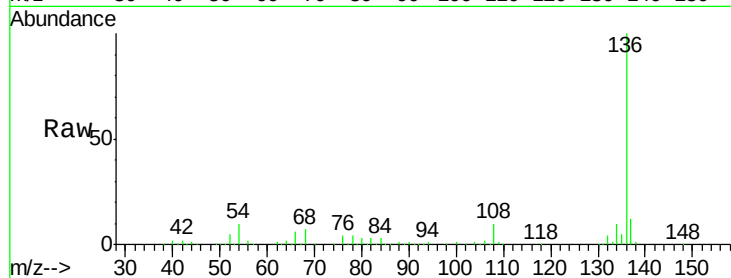




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

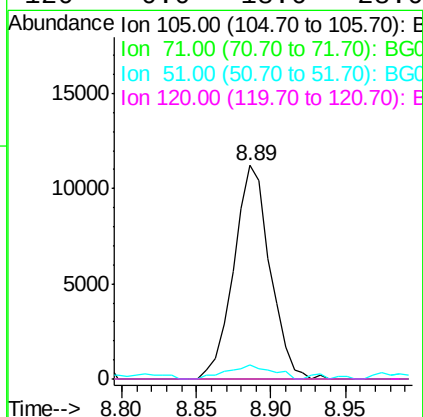
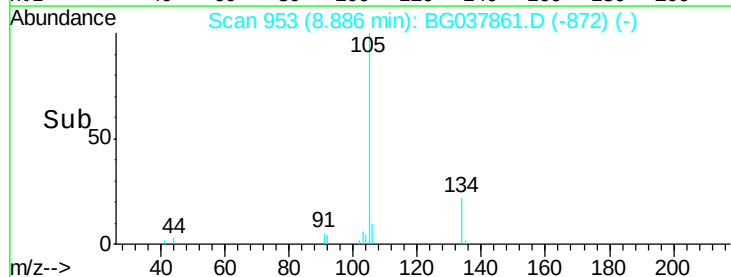
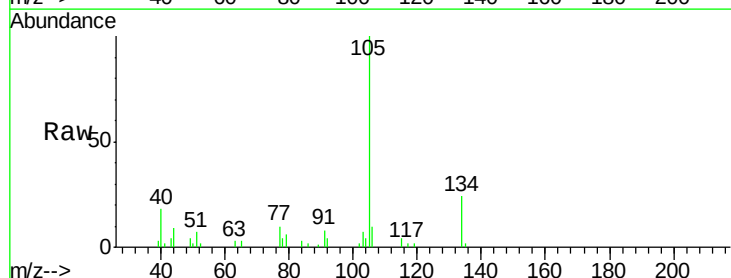
Instrument :
BNA_G
ClientSampleId :
CPS093081

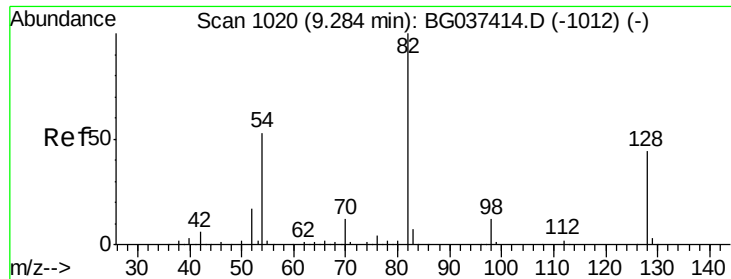
Tgt Ion:	136	Resp:	266452
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.4	7.9	11.9
68	6.6	4.8	7.2



#22
Acetophenone
Concen: 2.826 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.05 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion:	105	Resp:	18883
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	6.9	25.0	37.6#
120	0.0	18.6	28.0#

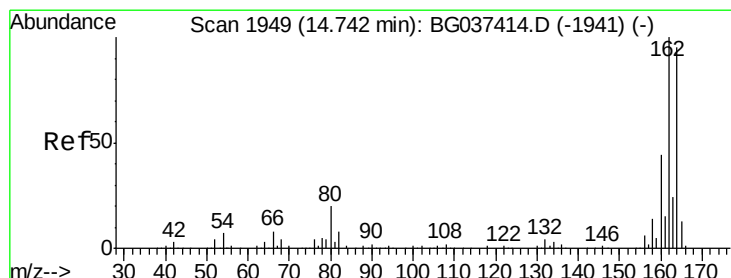
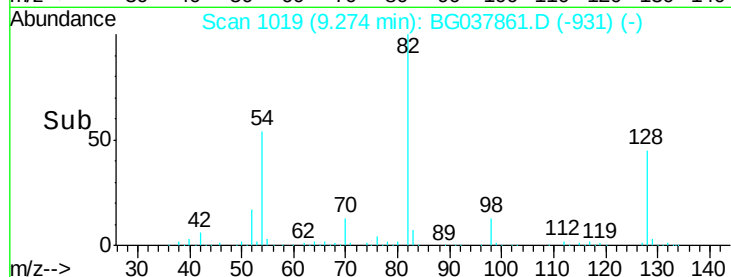
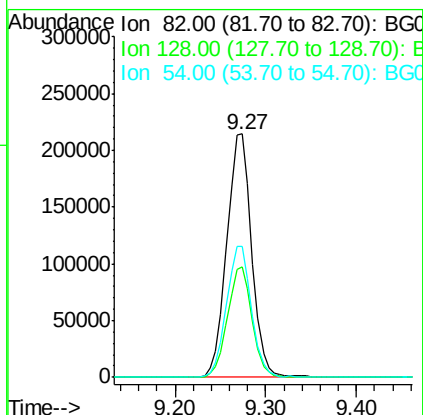
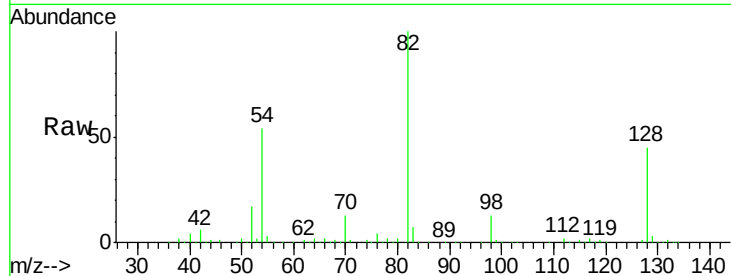




#23
 Nitrobenzene-d5
 Concen: 86.149 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037861.D
 Acq: 7 Nov 2018 12:12

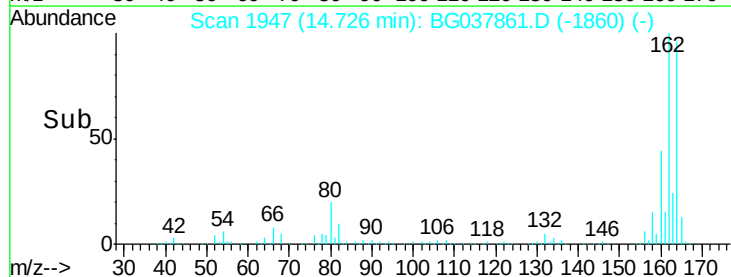
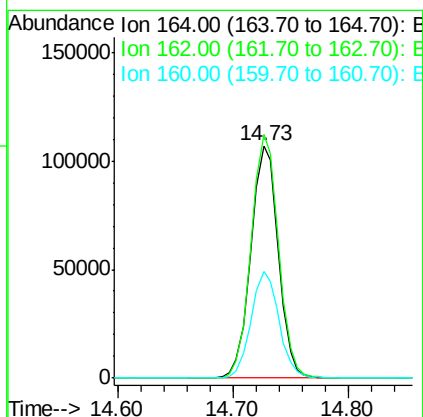
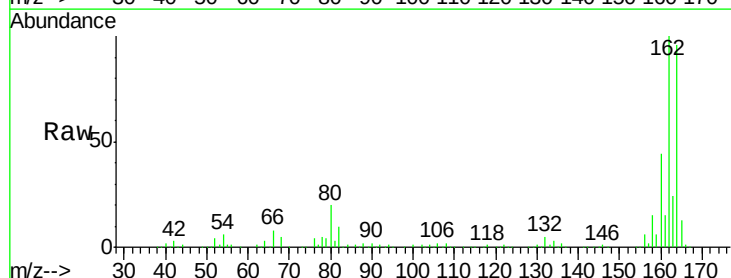
Instrument :
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 ClientSampleId :
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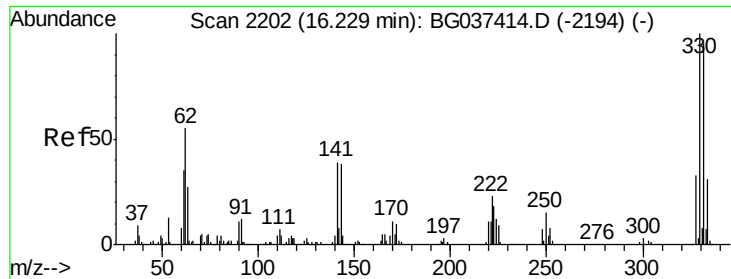
Tgt Ion: 82 Resp: 409764
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 51.8
 54 53.7 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037861.D
 Acq: 7 Nov 2018 12:12

Tgt Ion: 164 Resp: 177769
 Ion Ratio Lower Upper
 164 100
 162 104.7 81.3 121.9
 160 46.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 121.139 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037861.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_G

ClientSampleId :

CPS093081

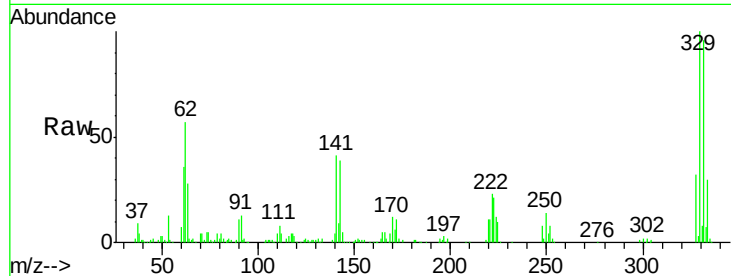
Tgt Ion:330 Resp: 234877

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

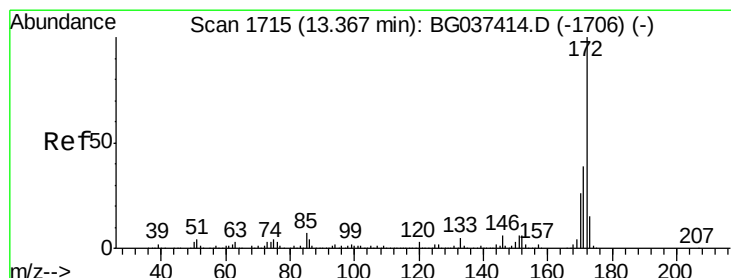
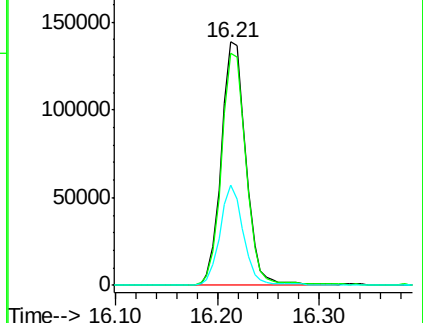
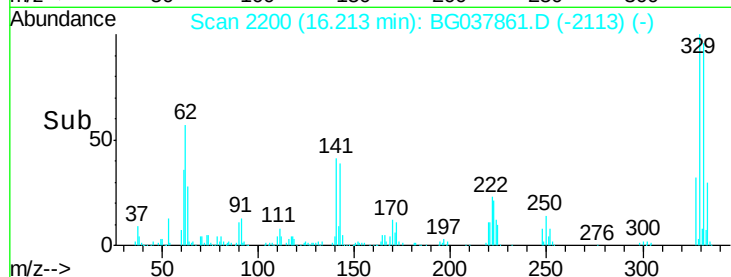
141 39.3 32.2 48.2



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: 84.469 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037861.D

Acq: 7 Nov 2018 12:12

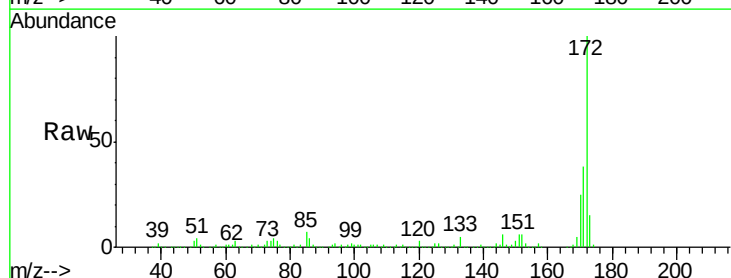
Tgt Ion:172 Resp: 995786

Ion Ratio Lower Upper

172 100

171 38.2 31.0 46.4

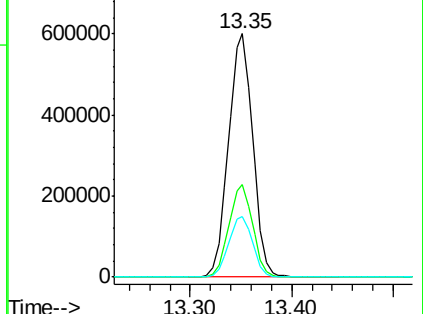
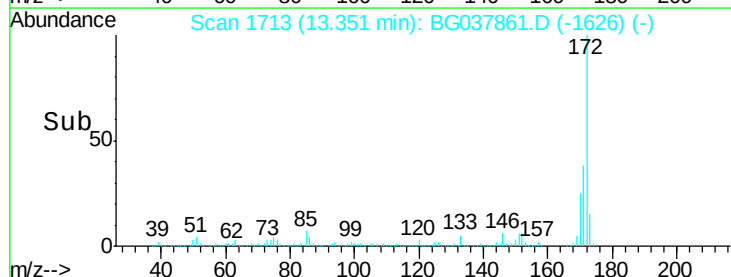
170 25.0 20.2 30.2

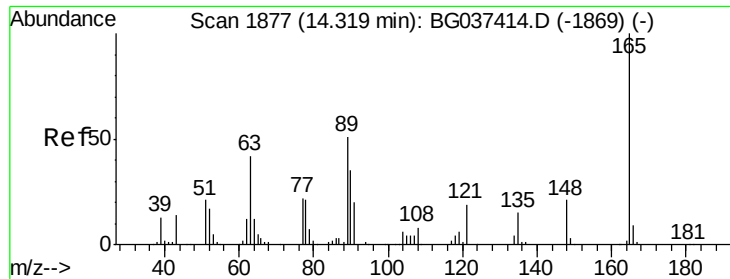


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

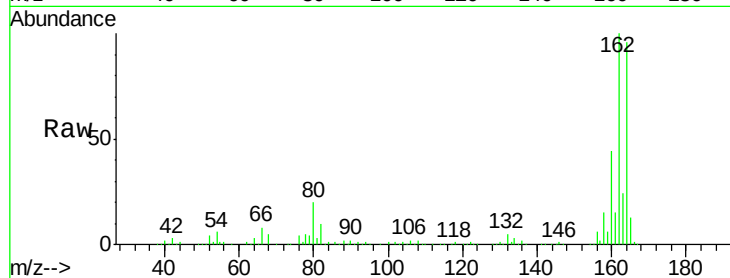




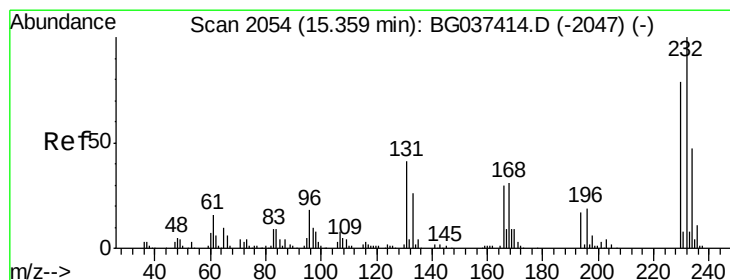
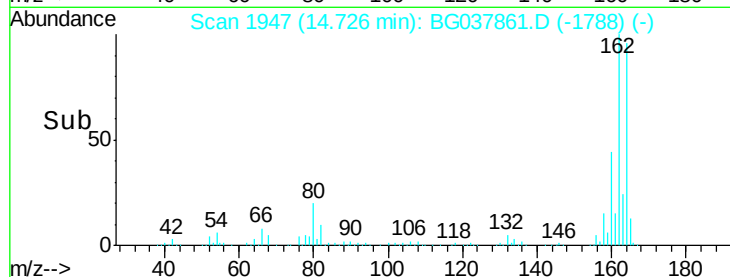
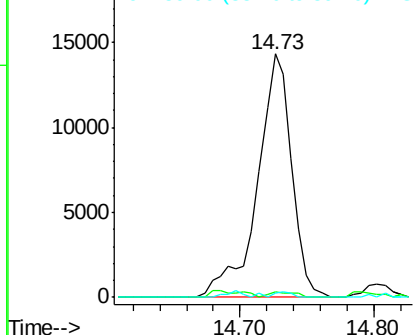
#51
 2,6-Dinitrotoluene
 Concen: 8.336 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037861.D
 Acq: 7 Nov 2018 12:12

Instrument :
 BNA_G
 ClientSampleId :
 CPS093081

Tgt Ion:165 Resp: 25360
 Ion Ratio Lower Upper
 165 100
 63 2.2 43.4 65.2#
 89 1.6 45.8 68.6#

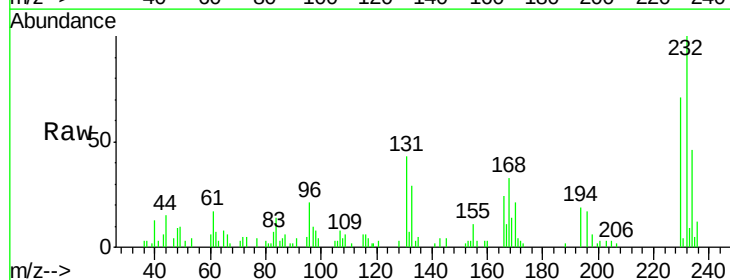


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

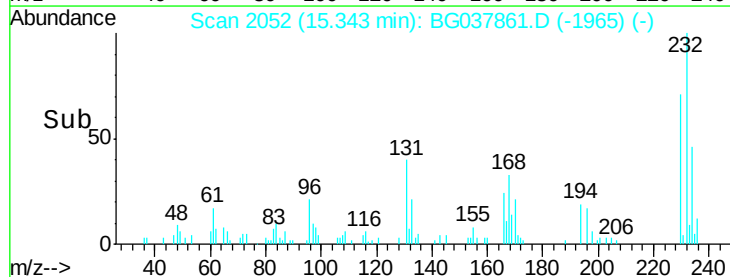
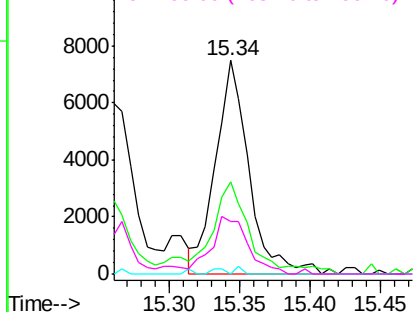


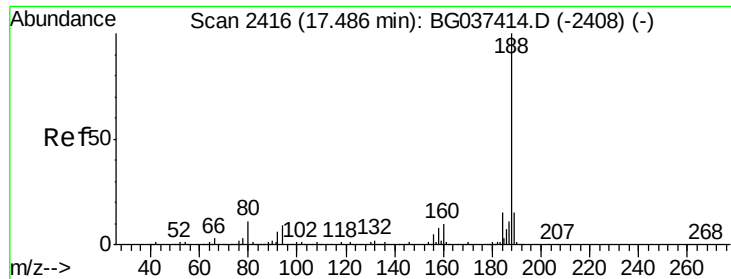
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.465 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BG037861.D
 Acq: 7 Nov 2018 12:12

Tgt Ion:232 Resp: 12373
 Ion Ratio Lower Upper
 232 100
 131 53.7 33.7 50.5#
 130 1.1 2.1 3.1#
 166 29.0 24.6 36.8



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037861.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_G

ClientSampleId :

CPS093081

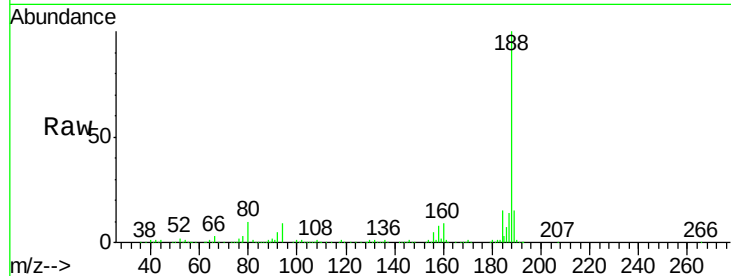
Tgt Ion:188 Resp: 383317

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

80 10.4 7.7 11.5

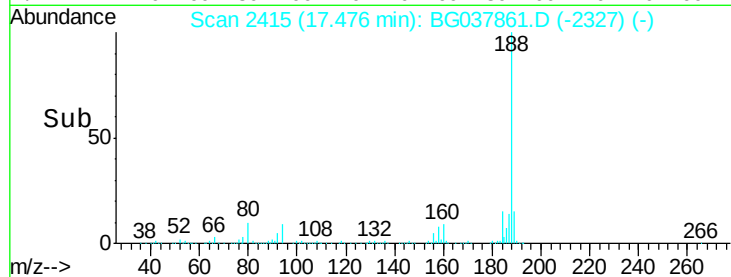


Abundance Ion 188.00 (187.70 to 188.70): E

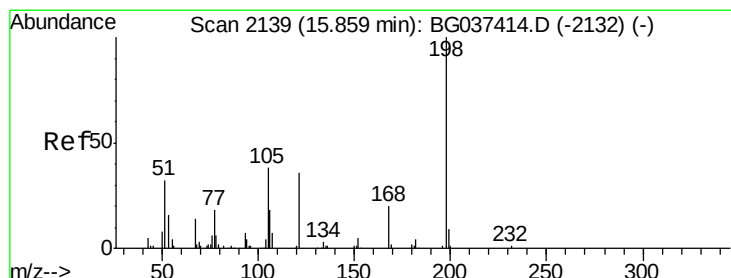
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.842 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037861.D

Acq: 7 Nov 2018 12:12

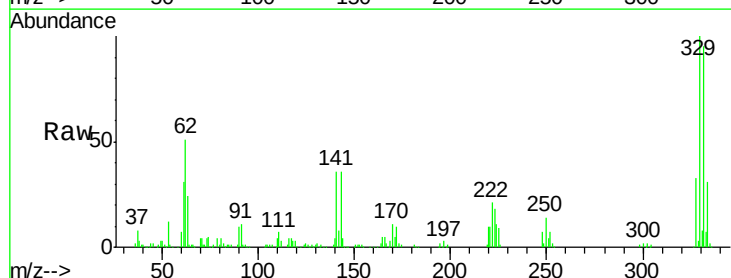
Tgt Ion:198 Resp: 819

Ion Ratio Lower Upper

198 100

51 41.3 22.7 62.7

105 36.4 19.7 59.7

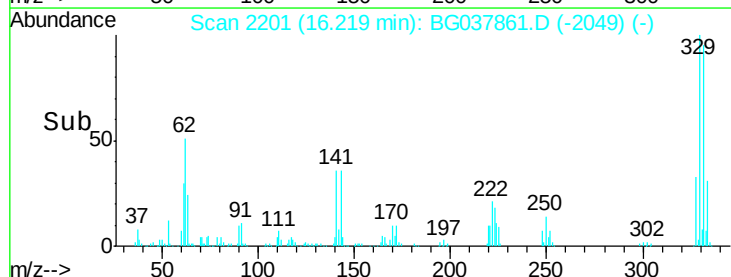


Abundance Ion 198.00 (197.70 to 198.70): E

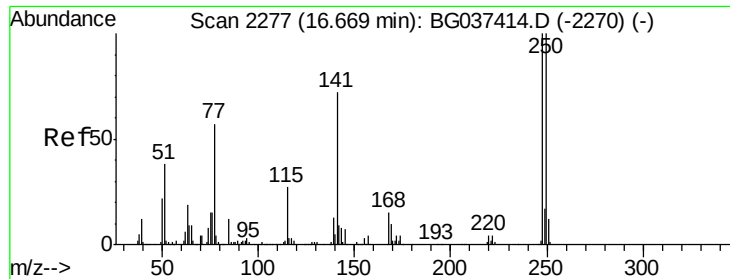
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time-->



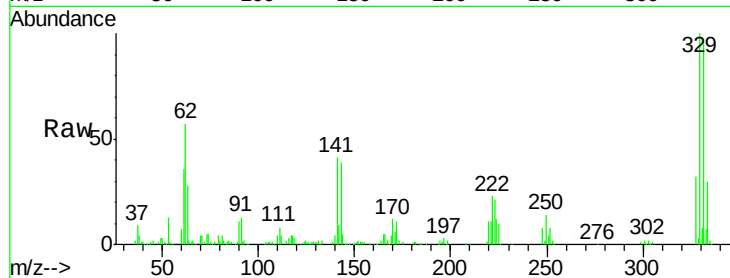
Time-->



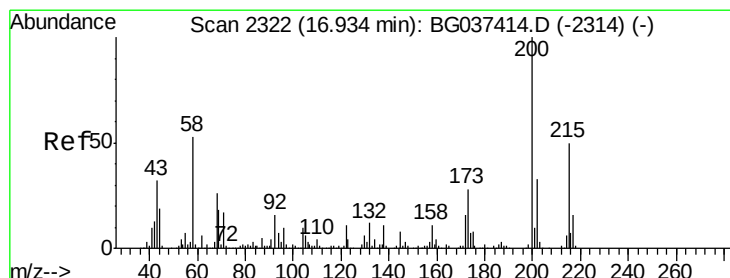
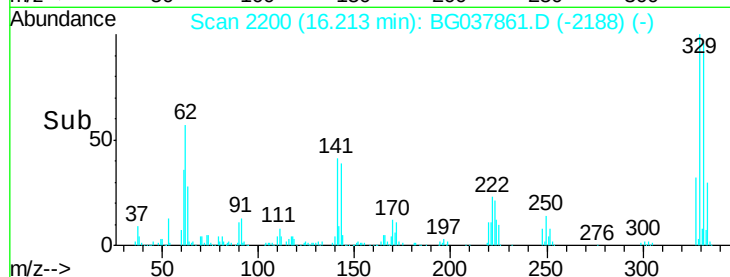
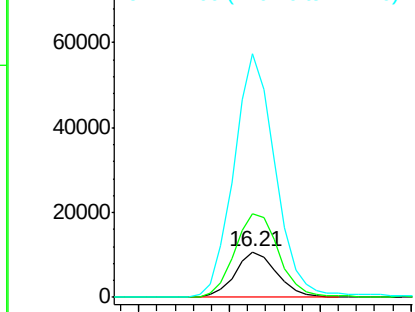
#67
4-Bromophenyl-phenylether
Concen: 4.058 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.46 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_G
ClientSampleId :
CPS093081

Tgt Ion:248 Resp: 17080
Ion Ratio Lower Upper
248 100
250 182.8 77.0 115.6#
141 411.0 55.5 83.3#

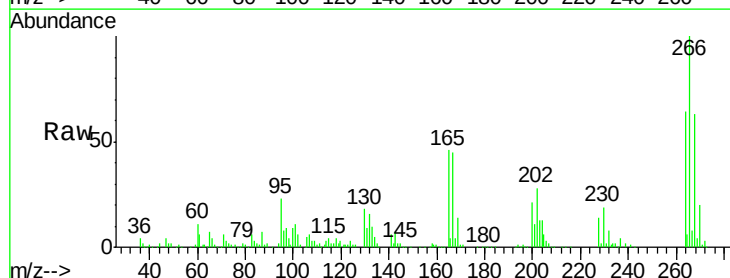


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

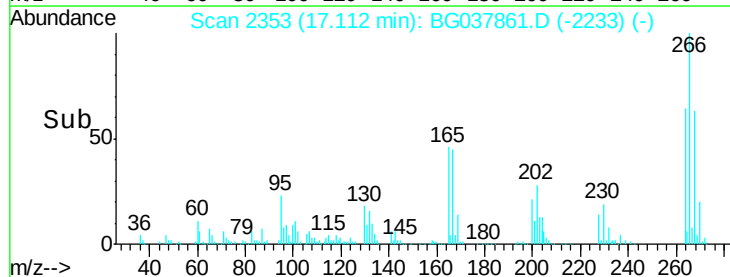
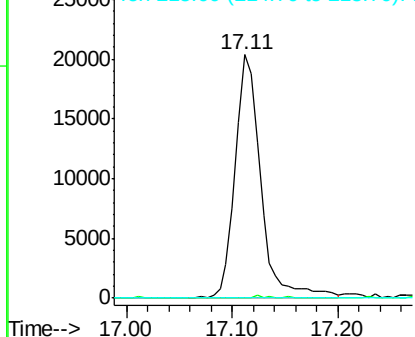


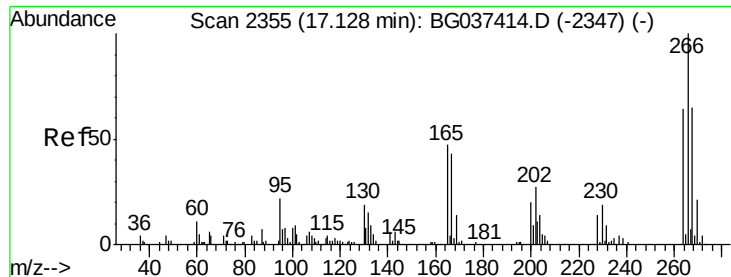
#69
Atrazine
Concen: 8.211 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.18 min
Lab File: BG037861.D
Acq: 7 Nov 2018 12:12

Tgt Ion:200 Resp: 34228
Ion Ratio Lower Upper
200 100
173 0.0 6.1 46.1#
215 0.0 30.8 70.8#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

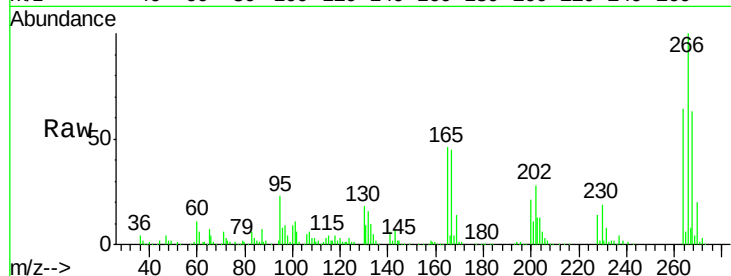




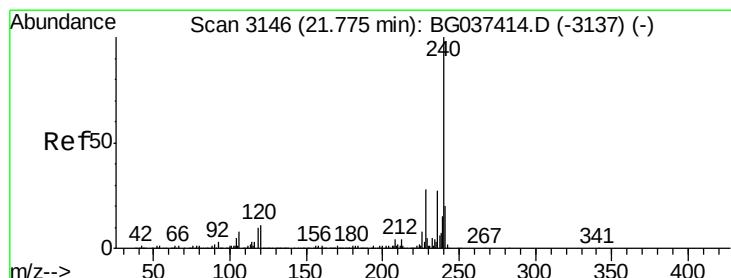
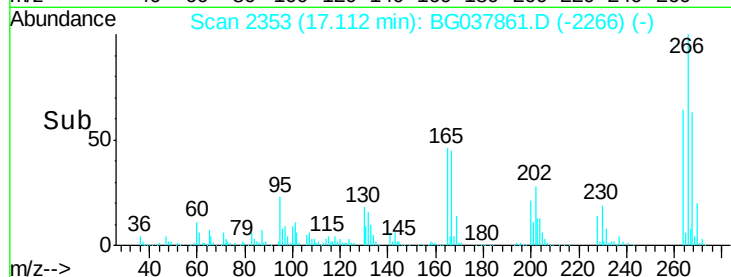
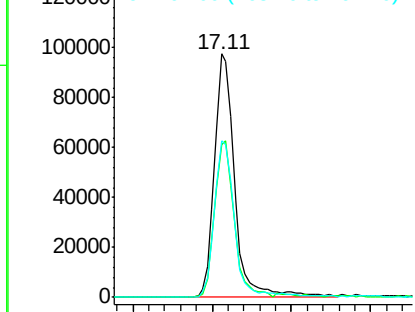
#70
 Pentachlorophenol
 Concen: 59.440 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.02 min
 Lab File: BG037861.D
 Acq: 7 Nov 2018 12:12

Instrument :
 BNA_G
 ClientSampleId :
 CPS093081

Tgt Ion: 266 Resp: 173702
 Ion Ratio Lower Upper
 266 100
 268 67.1 55.0 82.6
 264 70.2 58.9 88.3

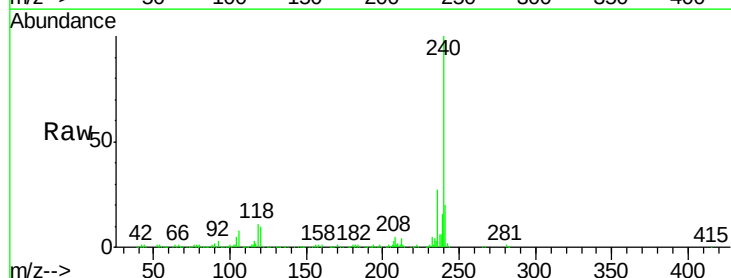


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

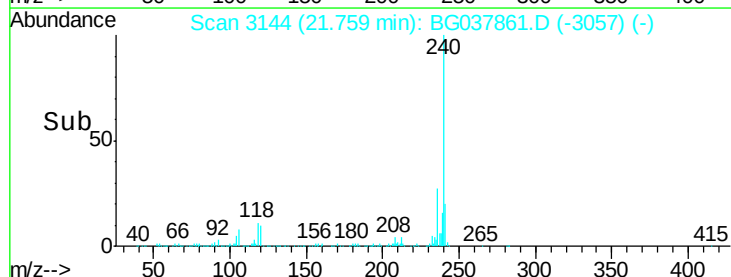
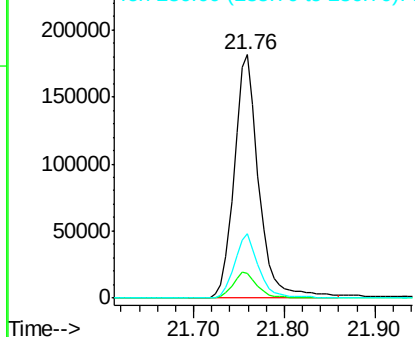


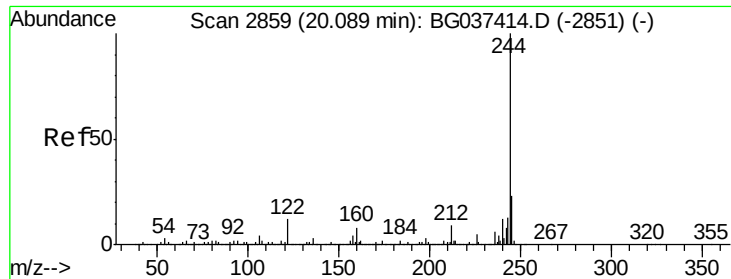
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG037861.D
 Acq: 7 Nov 2018 12:12

Tgt Ion: 240 Resp: 342964
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.1 12.1
 236 26.6 21.4 32.0



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





#79

Terphenyl-d14

Concen: 84.606 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037861.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_G

ClientSampleId :

CPS093081

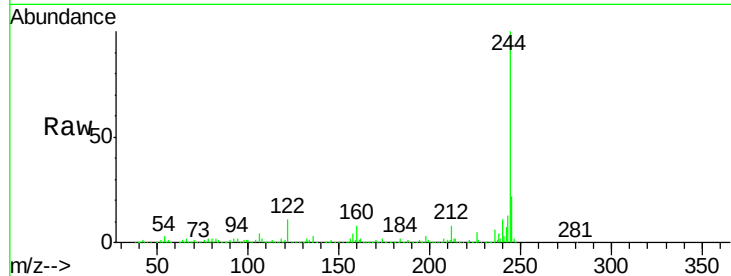
Tgt Ion:244 Resp: 1357978

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

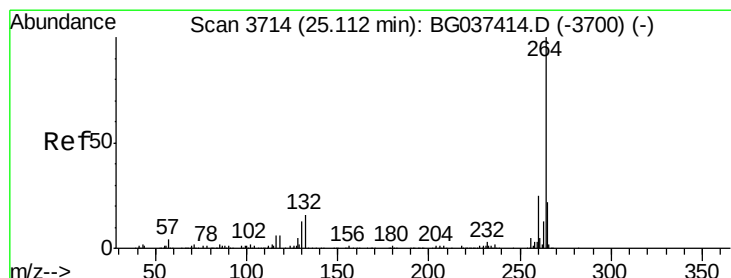
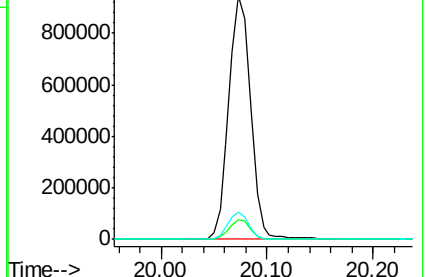
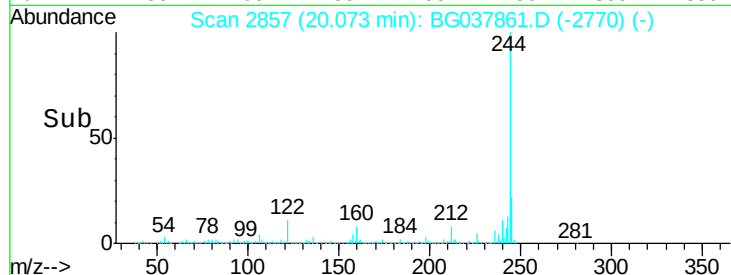
122 11.4 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037861.D

Acq: 7 Nov 2018 12:12

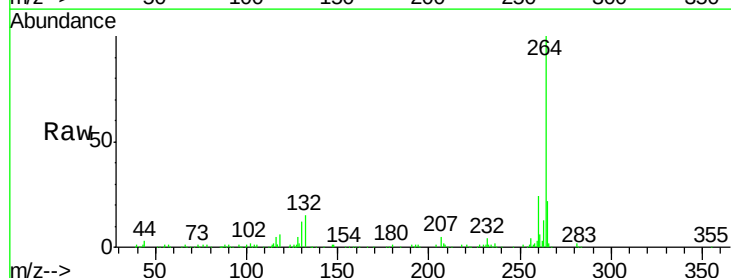
Tgt Ion:264 Resp: 304439

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.7 17.9 26.9



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

