

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035503.D
 Acq On : 29 Jun 2018 7:18
 Operator : JU/SJ
 Sample : J3691-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-11

Quant Time: Jun 29 09:38:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

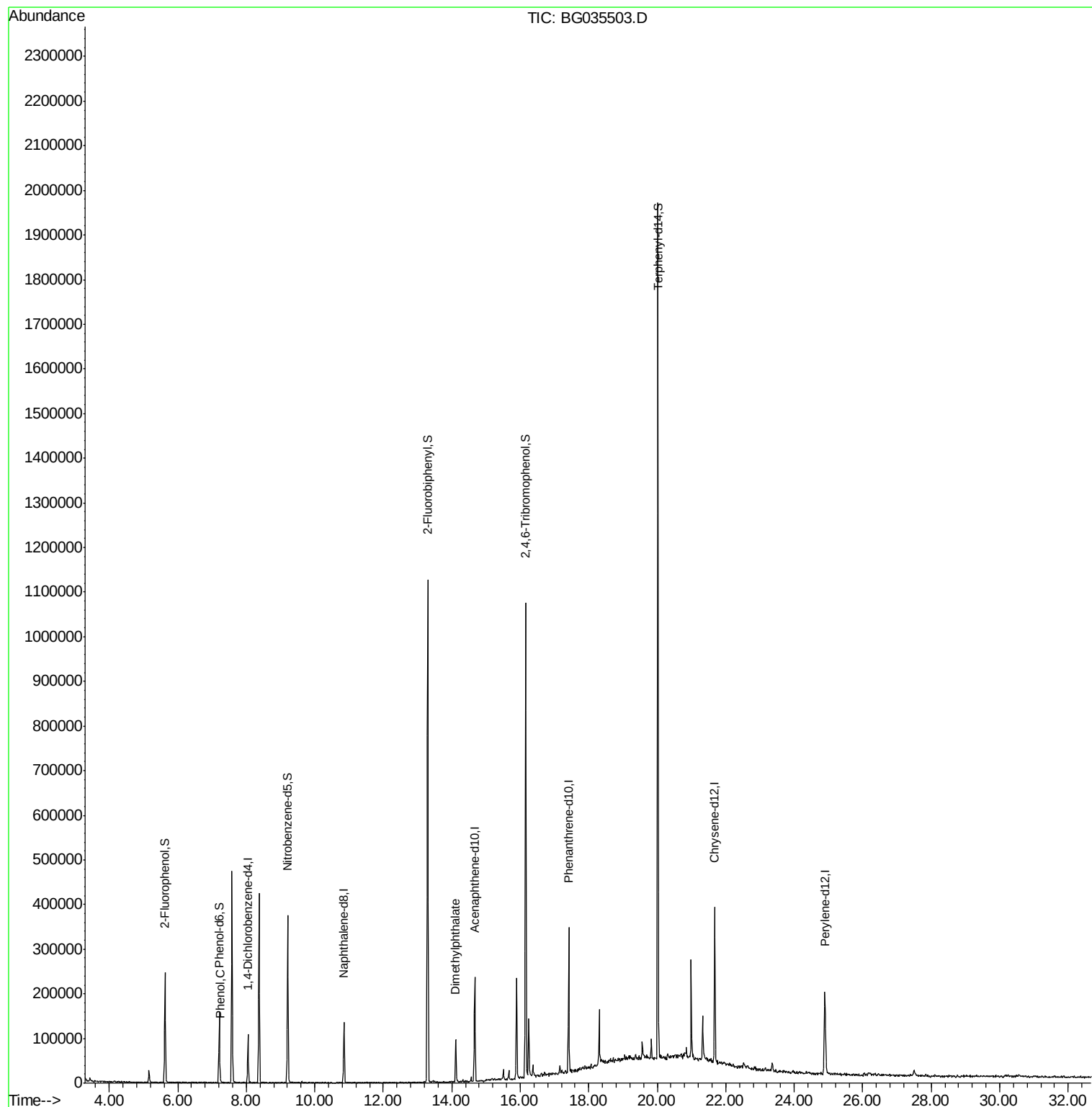
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29194	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	112492	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	81400	20.00	ng	-0.03
63) Phenanthrene-d10	17.42	188	208405	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	218372	20.00	ng	-0.04
86) Perylene-d12	24.89	264	214913	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	104594	60.46	ng	-0.02
7) Phenol-d6	7.21	99	96790	37.91	ng	-0.01
23) Nitrobenzene-d5	9.21	82	249624	105.48	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	194138	186.31	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	622274	99.38	ng	-0.03
78) Terphenyl-d14	20.02	244	954807	91.59	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	6974	2.639	ng	92
49) Dimethylphthalate	14.12	163	65450	9.220	ng	99

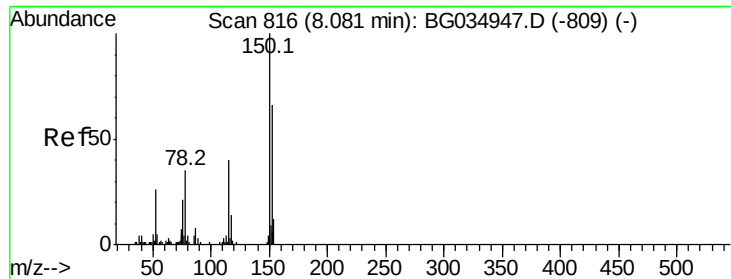
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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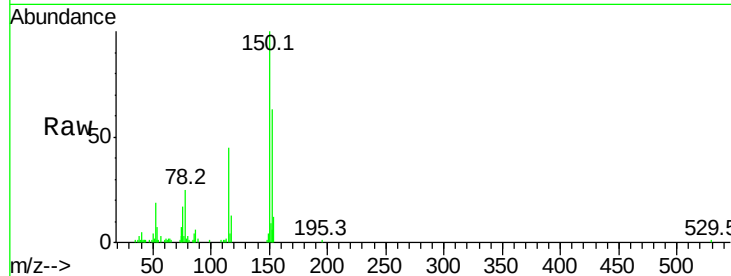


#1

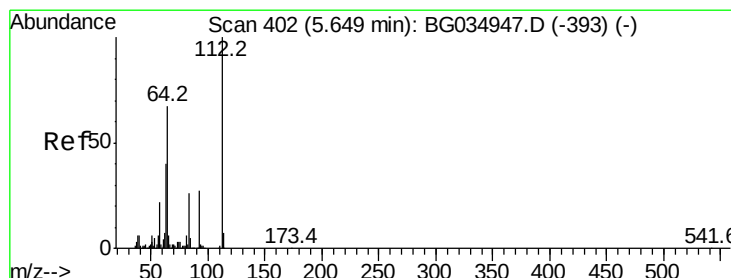
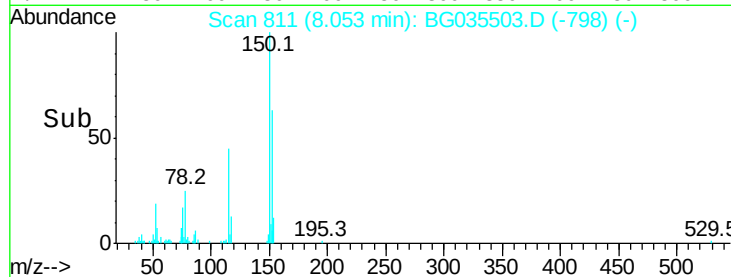
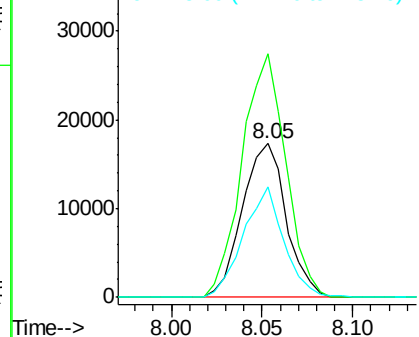
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

Instrument :
BNA_G
ClientSampleId :
W-11

Tot Ion:152 Resp: 29194
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 71.8 53.0 79.4



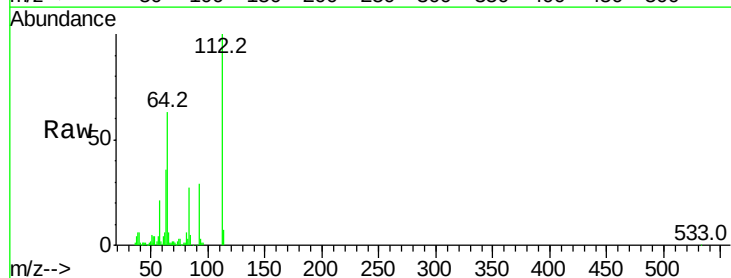
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



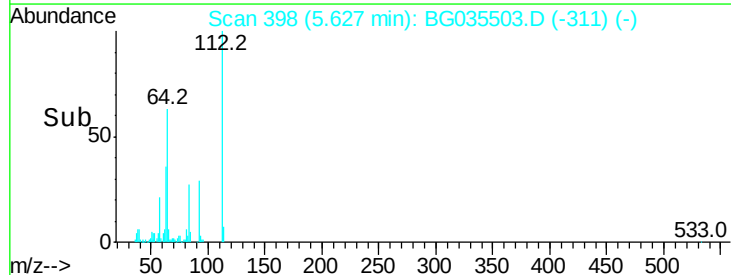
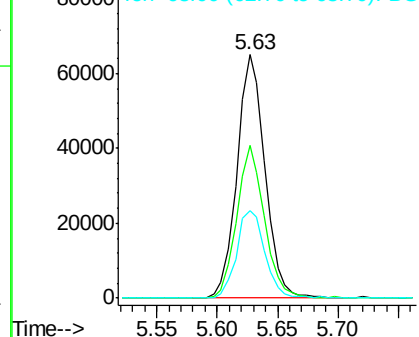
#5

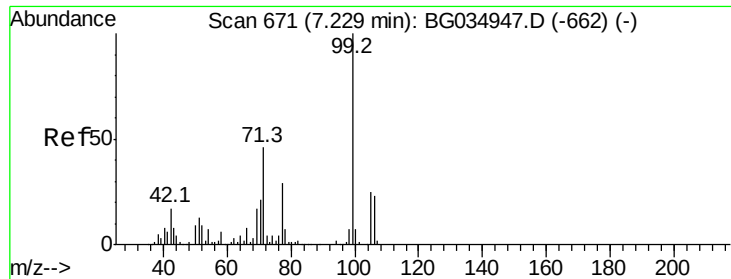
2-Fluorophenol
Concen: 60.462 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

Tgt Ion:112 Resp: 104594
Ion Ratio Lower Upper
112 100
64 62.9 56.3 84.5
63 36.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.909 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Instrument :

BNA_G

ClientSampled :

W-11

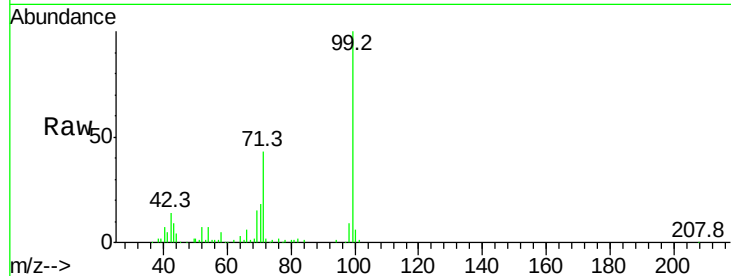
Tot Ion: 99 Resp: 96790

Ion Ratio Lower Upper

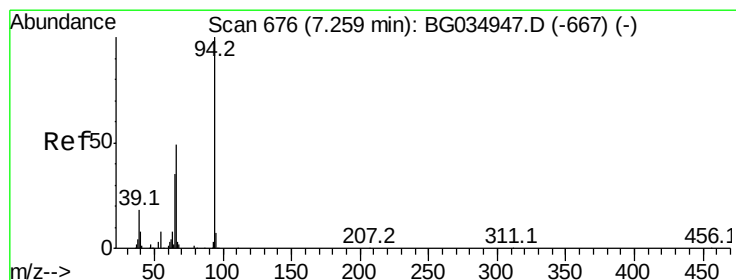
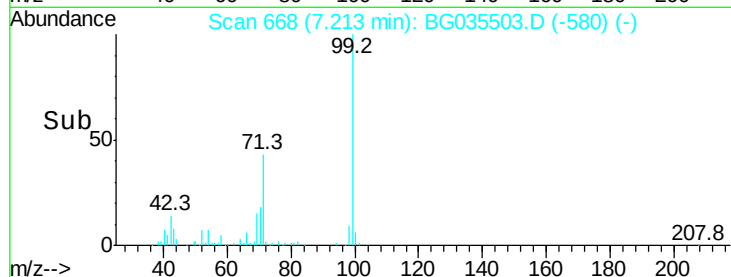
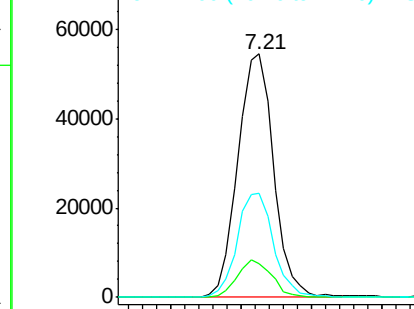
99 100

42 14.0 14.1 21.1#

71 42.7 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



#10

Phenol

Concen: 2.639 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

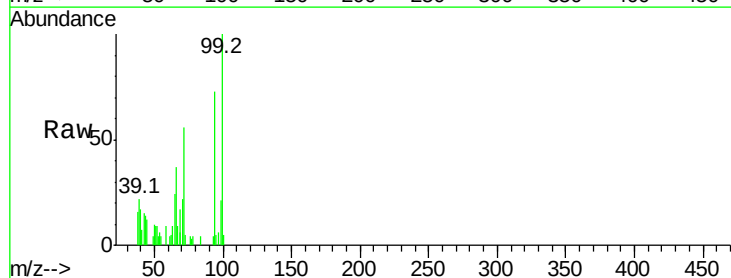
Tgt Ion: 94 Resp: 6974

Ion Ratio Lower Upper

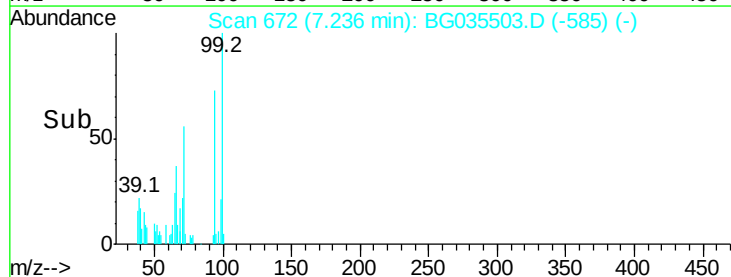
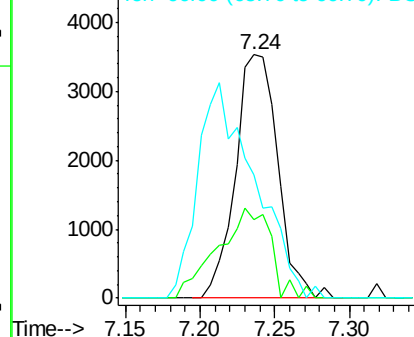
94 100

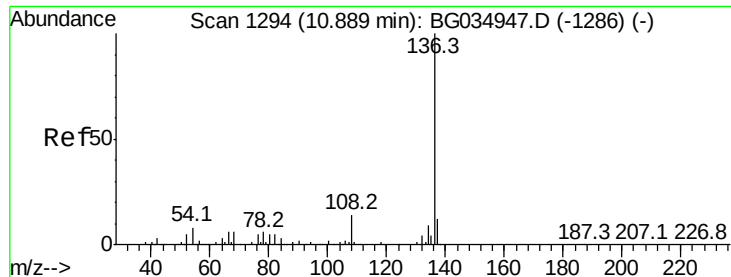
65 32.0 11.9 51.9

66 50.6 22.2 62.2



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

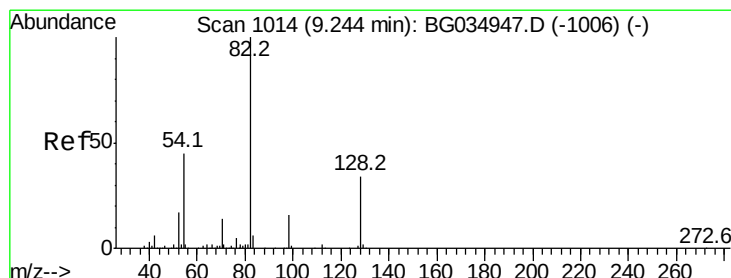
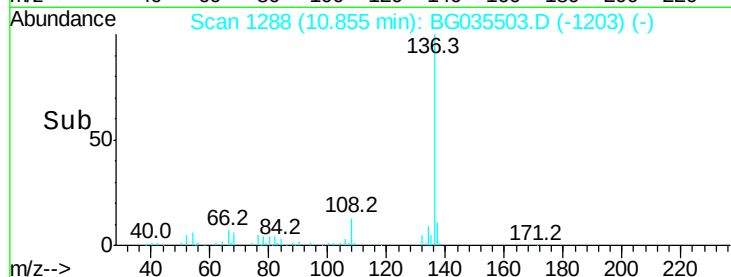
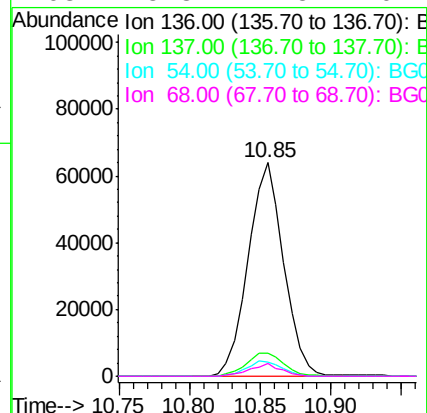
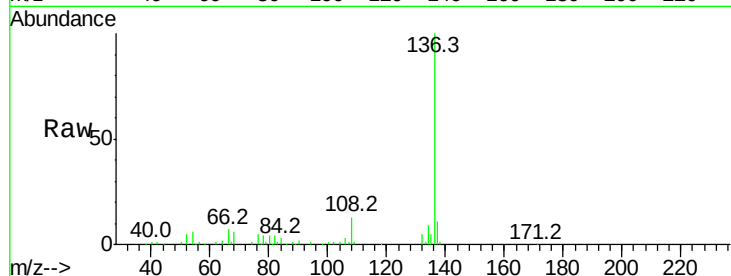




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

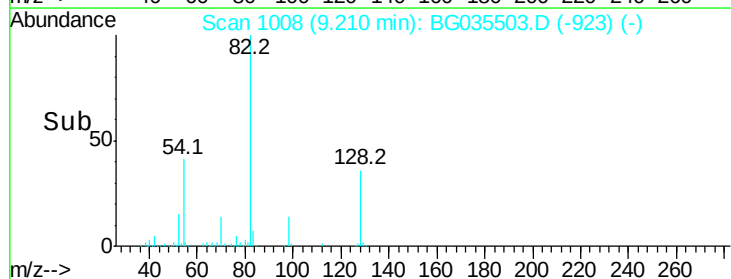
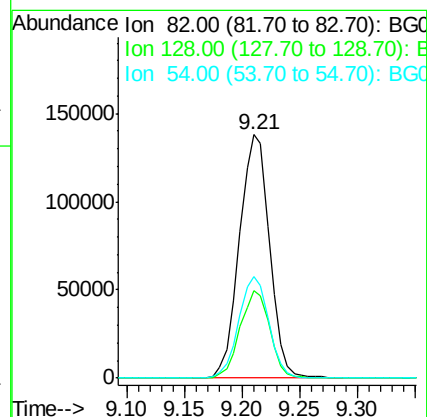
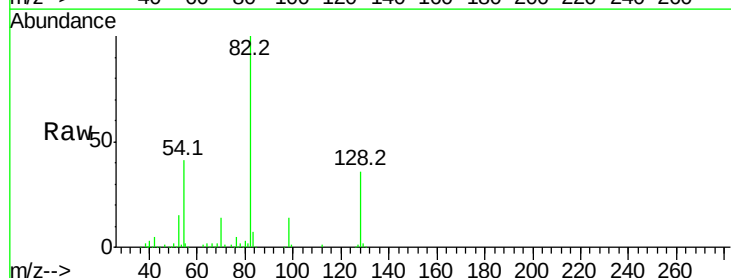
Instrument :
BNA_G
ClientSampleId :
W-11

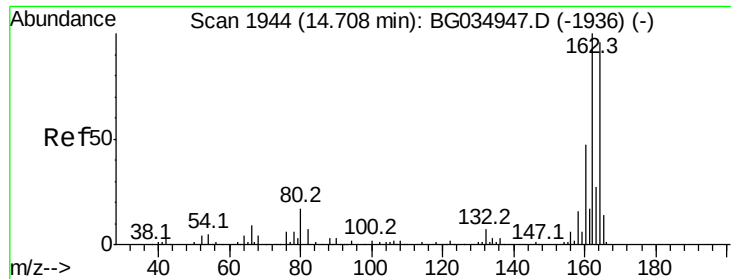
Tot Ion:	136	Resp:	112492
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.3	10.3	15.5#
68	5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 105.481 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

Tgt Ion:	82	Resp:	249624
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	41.5	43.1	64.7#

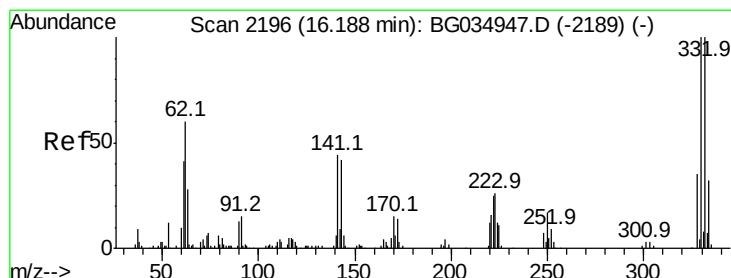
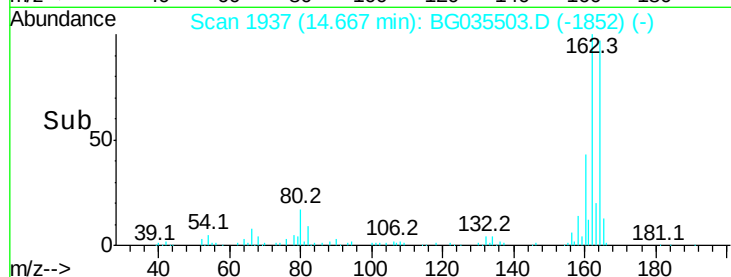
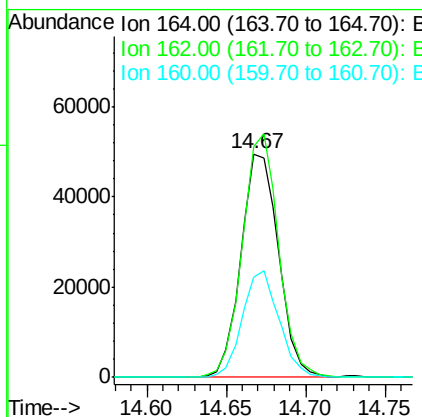
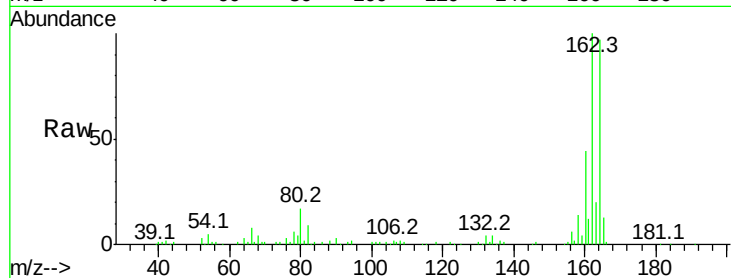




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.03 min
 Lab File: BG035503.D
 Acq: 29 Jun 2018 7:18

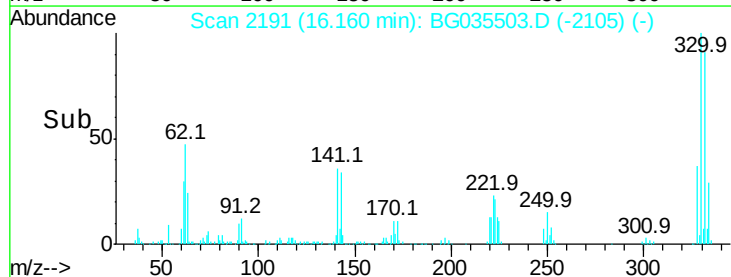
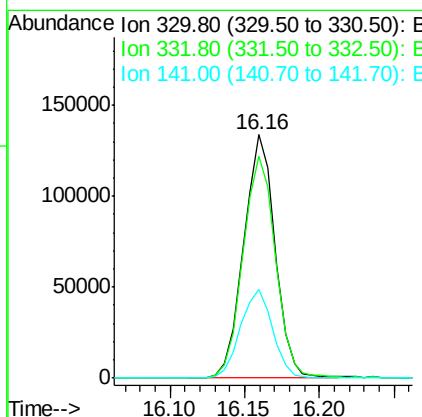
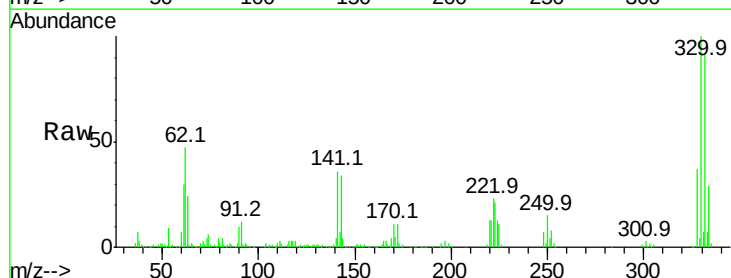
Instrument :
 BNA_G
 ClientSampleId :
 W-11

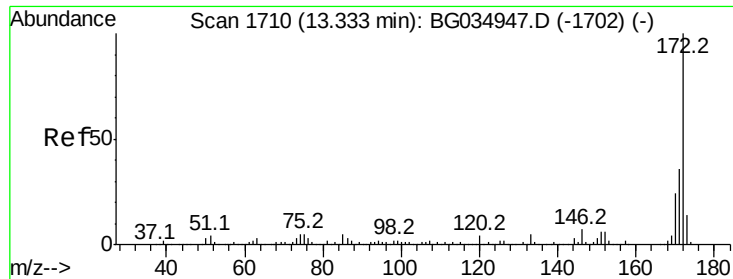
Tot Ion:164 Resp: 81400
 Ion Ratio Lower Upper
 164 100
 162 103.5 78.8 118.2
 160 45.1 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 186.309 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035503.D
 Acq: 29 Jun 2018 7:18

Tgt Ion:330 Resp: 194138
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 38.0 25.2 37.8#

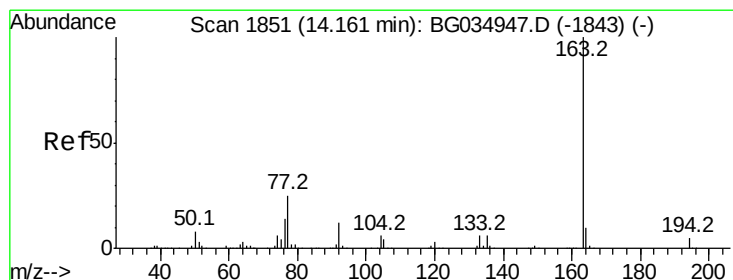
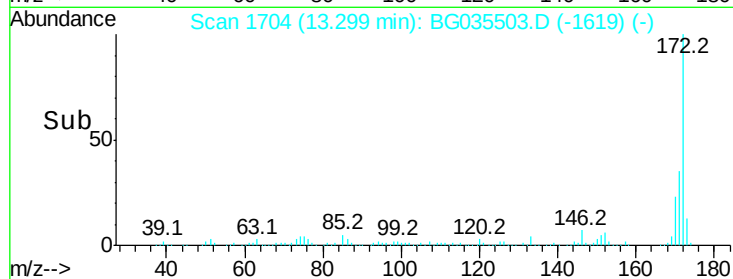
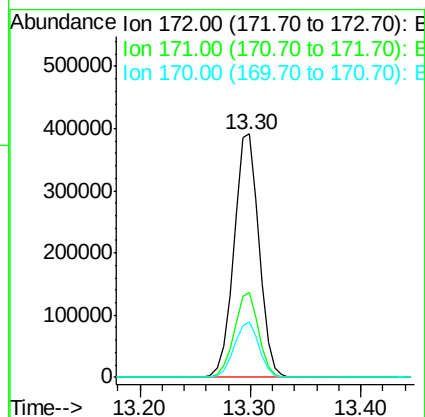
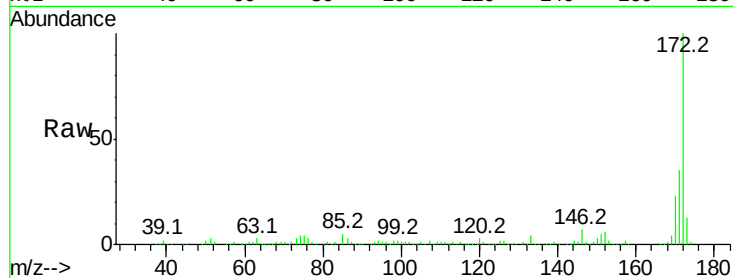




#44
 2-Fluorobiphenyl
 Concen: 99.380 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035503.D
 Acq: 29 Jun 2018 7:18

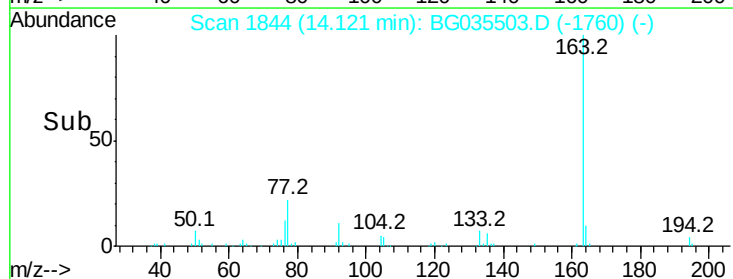
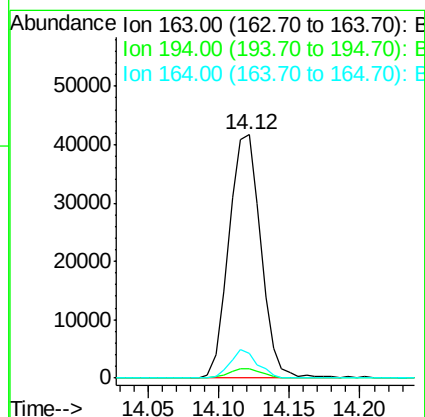
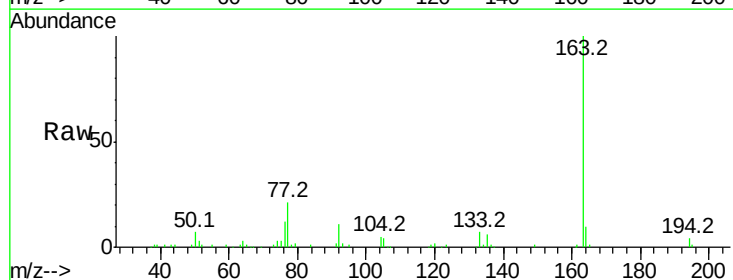
Instrument :
 BNA_G
 ClientSampleId :
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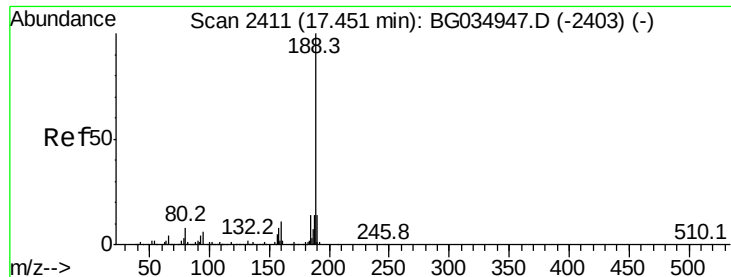
Tot Ion:172 Resp: 622274
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 22.6 19.5 29.3



#49
 Dimethylphthalate
 Concen: 9.220 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.04 min
 Lab File: BG035503.D
 Acq: 29 Jun 2018 7:18

Tgt Ion:163 Resp: 65450
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.2
 164 10.0 8.2 12.4

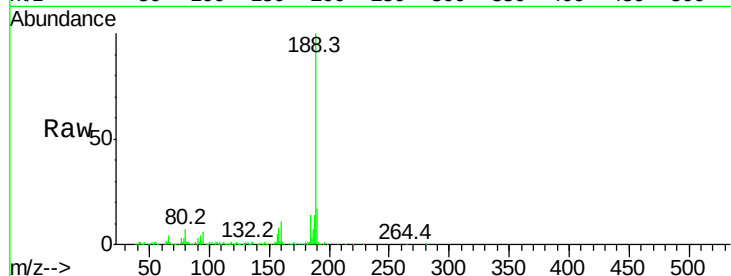




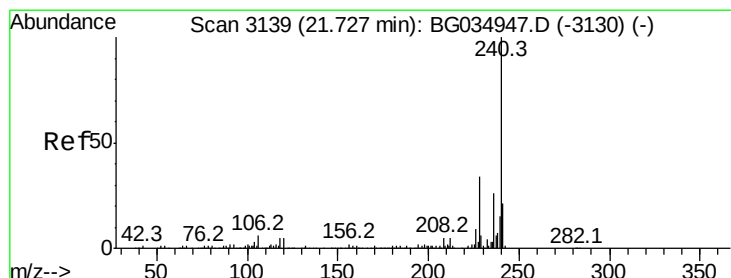
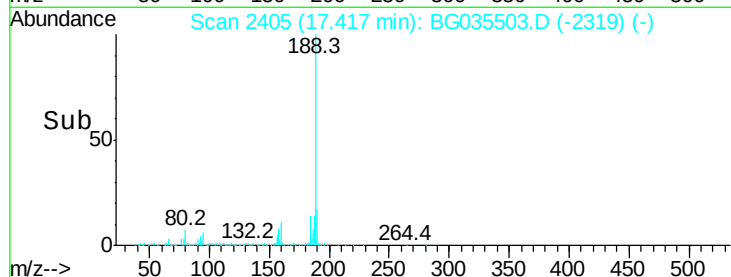
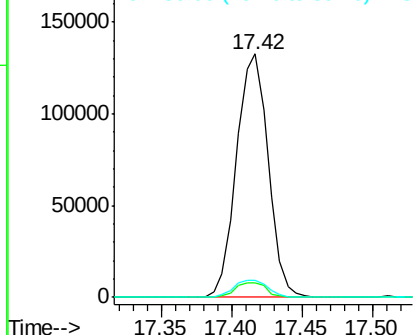
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

Instrument :
BNA_G
ClientSampleId :
W-11

Tot Ion:188 Resp: 208405
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.8 7.7 11.5#

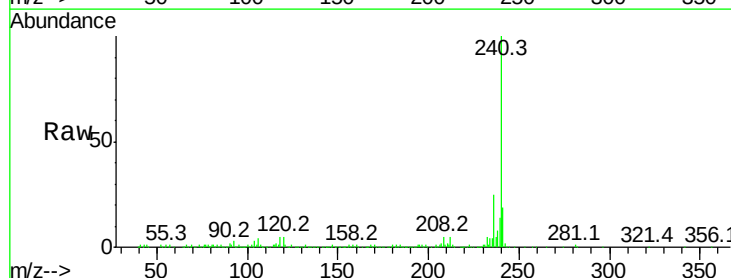


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

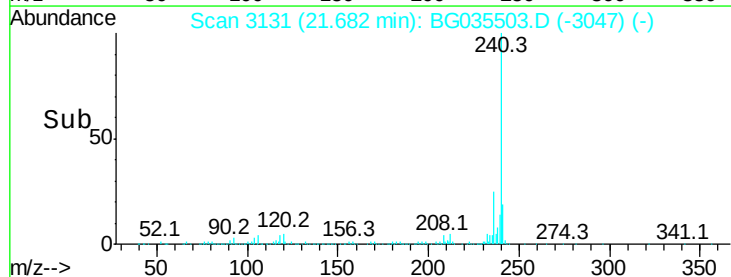
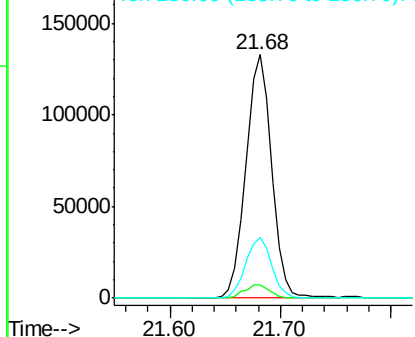


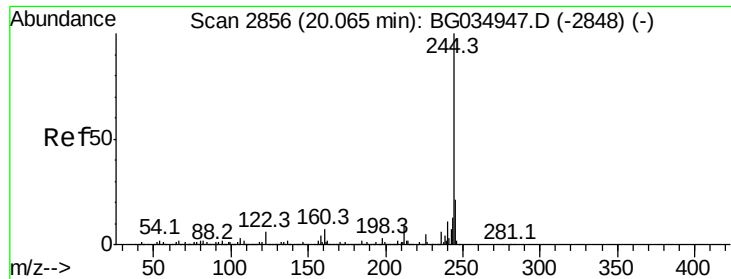
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035503.D
Acq: 29 Jun 2018 7:18

Tgt Ion:240 Resp: 218372
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.0 20.9 31.3



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





#78

Terphenyl-d14

Concen: 91.587 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

Instrument :

BNA_G

ClientSampled :

W-11

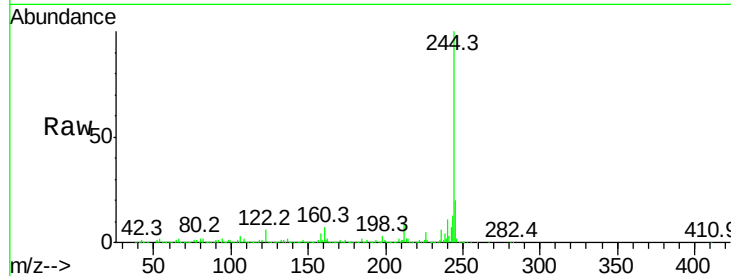
Tot Ion:244 Resp: 954807

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

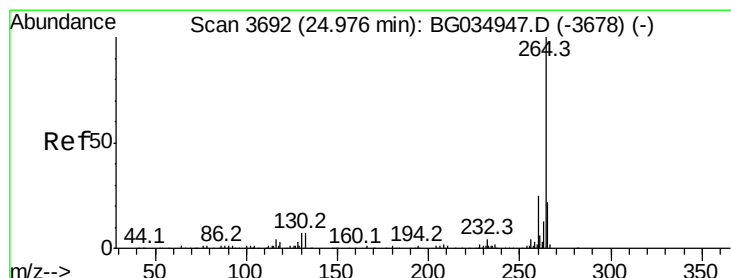
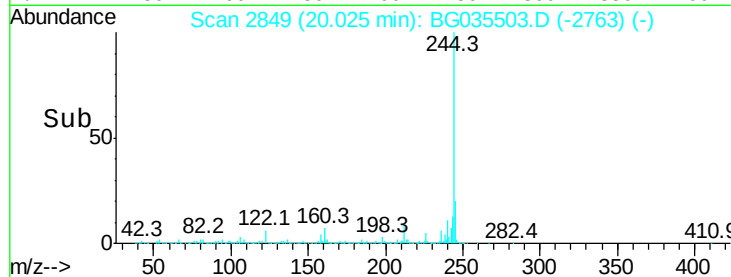
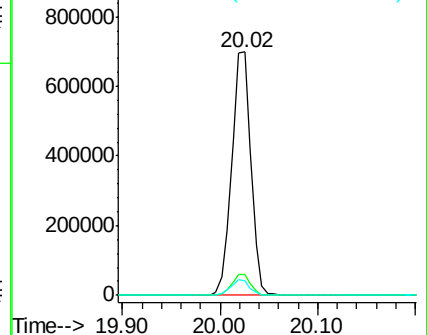
122 5.9 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035503.D

Acq: 29 Jun 2018 7:18

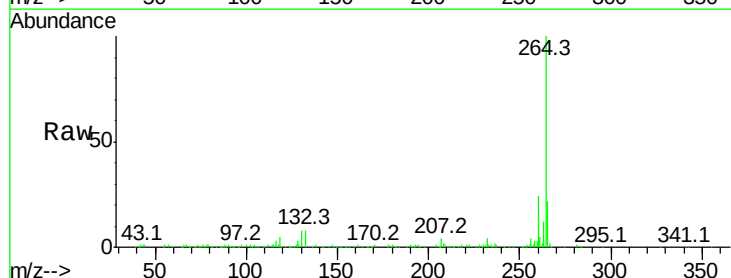
Tgt Ion:264 Resp: 214913

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.1 17.7 26.5



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

