

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021119.D
 Acq On : 27 Feb 2016 17:44
 Operator : UM/SJ
 Sample : H1578-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB1-W-20160224

Quant Time: Feb 29 00:17:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

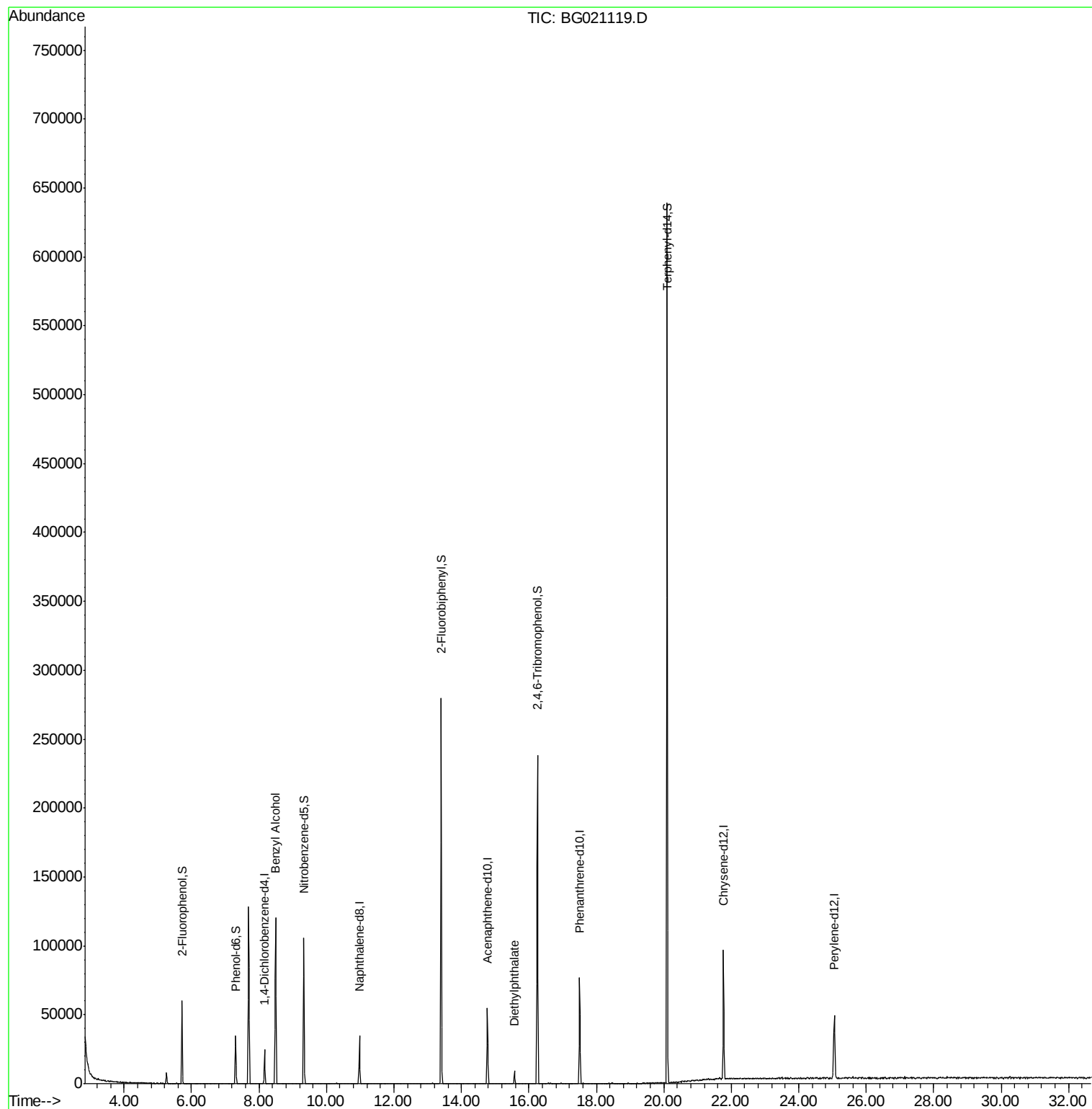
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6107	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	28205	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	17502	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	44765	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	55569	20.00	ng	-0.02
86) Perylene-d12	25.05	264	50393	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	22487	64.46	ng	0.00
7) Phenol-d6	7.31	99	19246	37.08	ng	-0.01
23) Nitrobenzene-d5	9.33	82	66578	112.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	32914	143.44	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	134177	98.10	ng	0.00
78) Terphenyl-d14	20.10	244	248090	104.34	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	1131	2.49	ng	# 58
59) Diethylphthalate	15.57	149	5451	3.43	ng	# 92

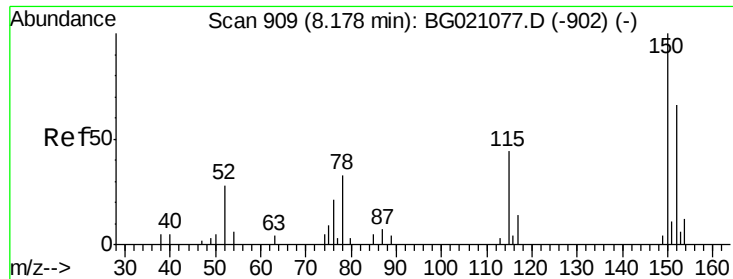
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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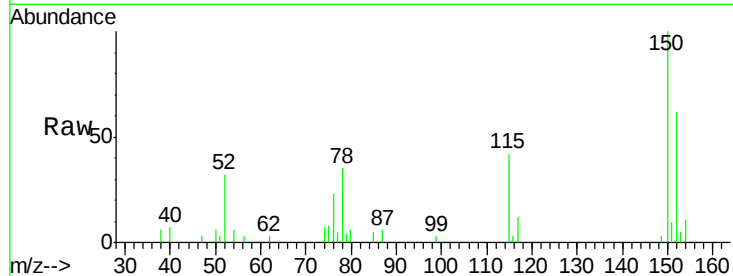


#1

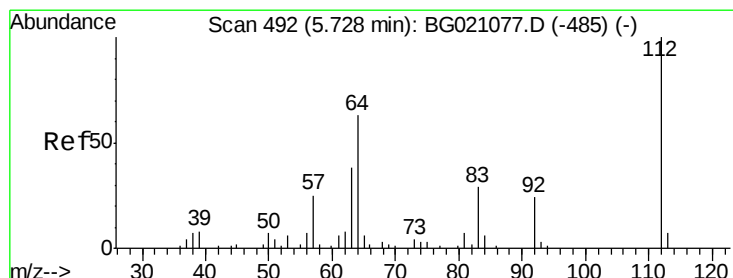
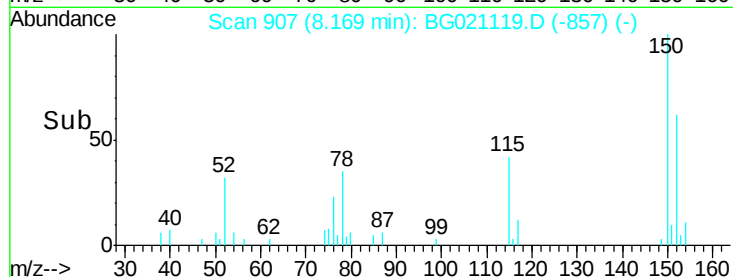
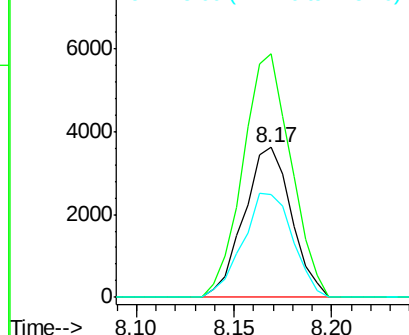
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021119.D
Acq: 27 Feb 2016 17:44

Instrument :
BNA_G
ClientSampleId :
FB1-W-20160224

Tgt Ion:152 Resp: 6107
Ion Ratio Lower Upper
152 100
150 162.2 123.4 185.2
115 68.1 43.3 64.9#



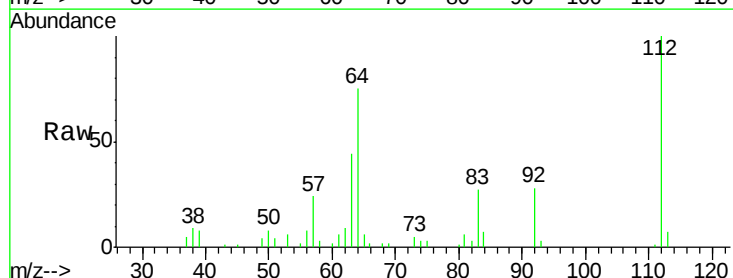
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



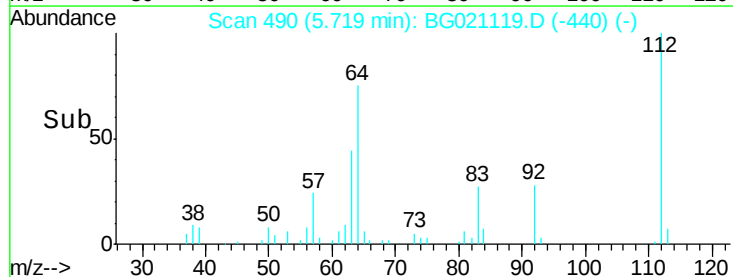
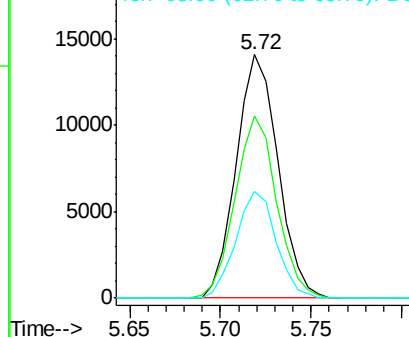
#5

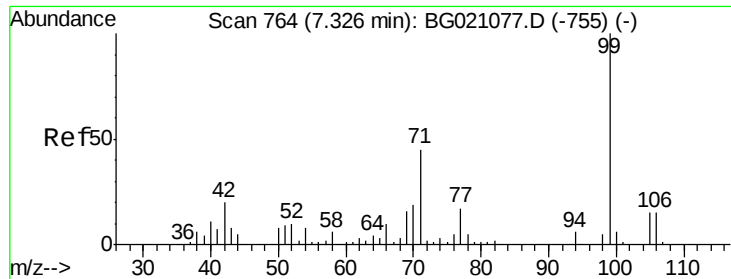
2-Fluorophenol
Concen: 64.46 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021119.D
Acq: 27 Feb 2016 17:44

Tgt Ion:112 Resp: 22487
Ion Ratio Lower Upper
112 100
64 75.0 42.6 63.8#
63 44.0 21.7 32.5#



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: 37.08 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG021119.D

Acq: 27 Feb 2016 17:44

Instrument :

BNA_G

ClientSampleId :

FB1-W-20160224

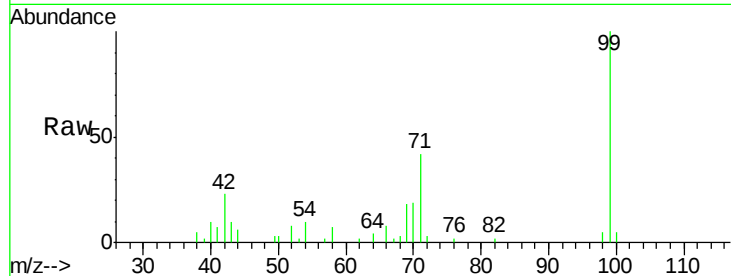
Tgt Ion: 99 Resp: 19246

Ion Ratio Lower Upper

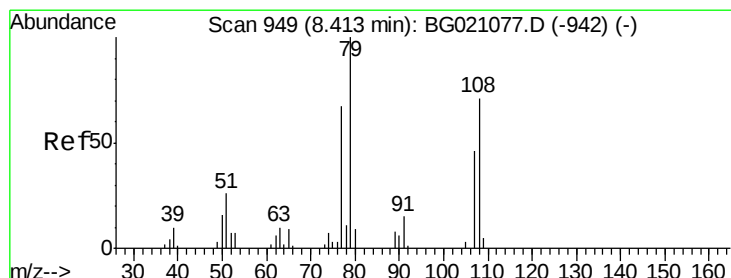
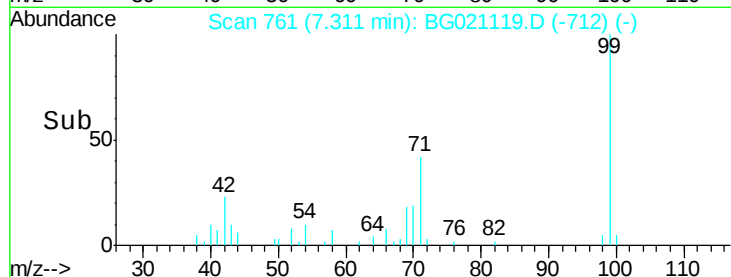
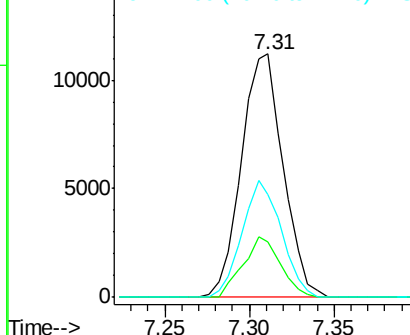
99 100

42 22.8 13.2 19.8#

71 42.4 25.2 37.8#



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: 2.49 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG021119.D

Acq: 27 Feb 2016 17:44

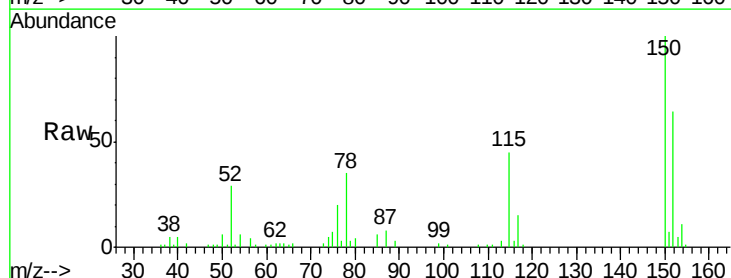
Tgt Ion: 79 Resp: 1131

Ion Ratio Lower Upper

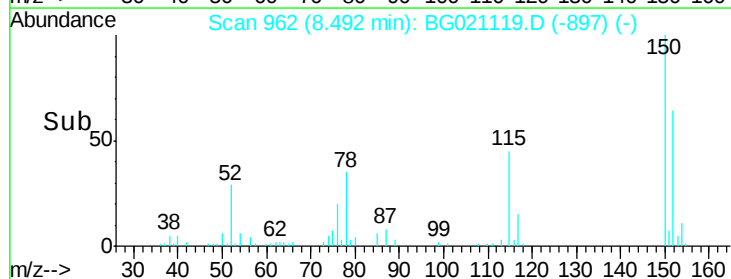
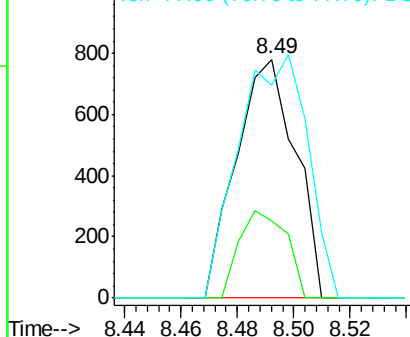
79 100

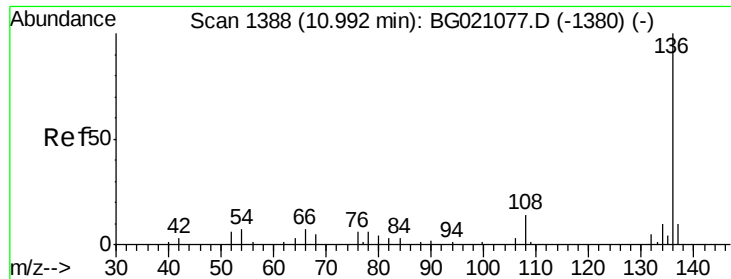
108 32.6 65.1 97.7#

77 89.2 53.8 80.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

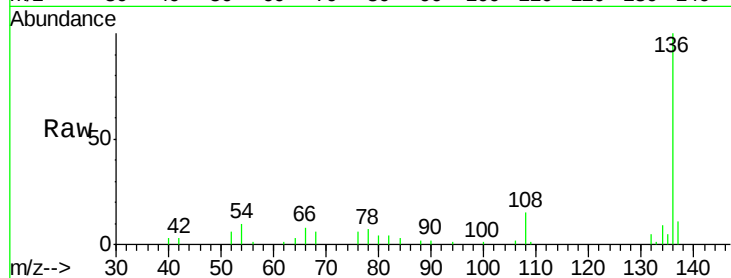




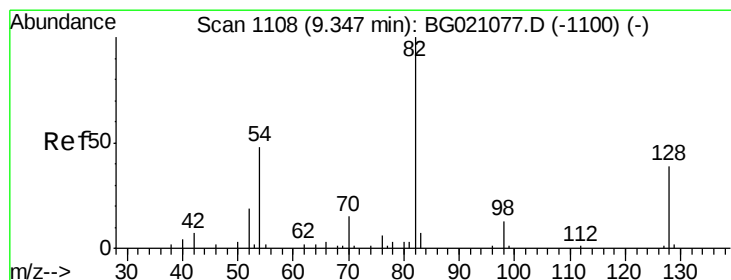
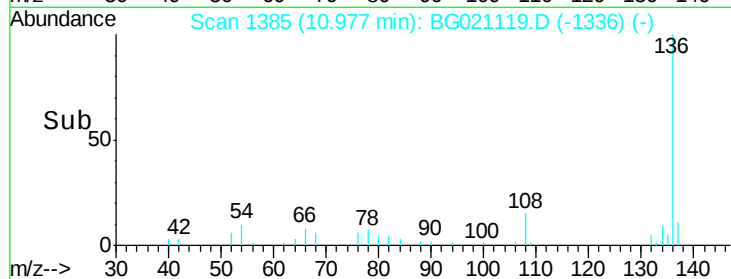
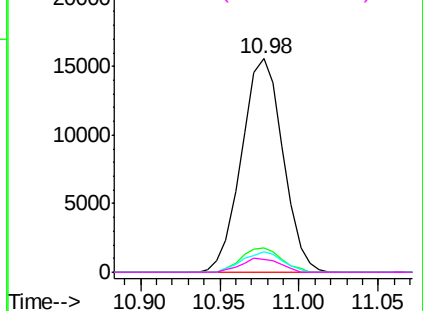
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG021119.D
Acq: 27 Feb 2016 17:44

Instrument :
BNA_G
ClientSampleId :
FB1-W-20160224

Tgt Ion:	136	Resp:	28205
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.6	6.9	10.3
68	6.2	5.8	8.6

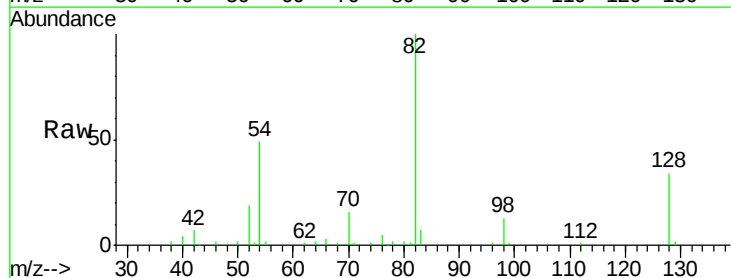


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

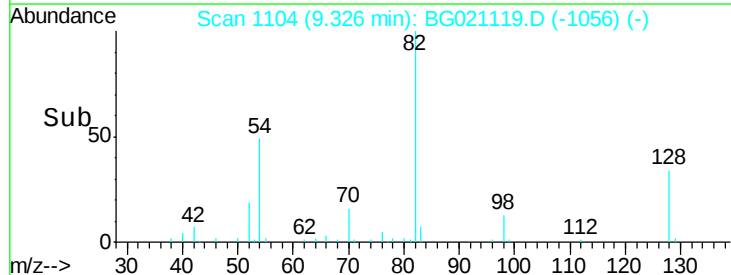
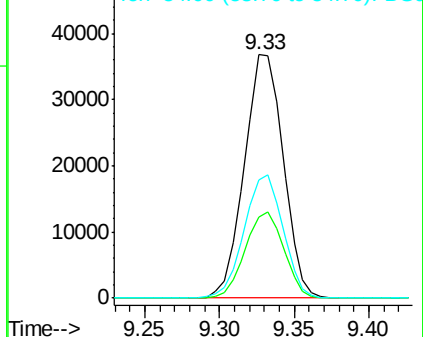


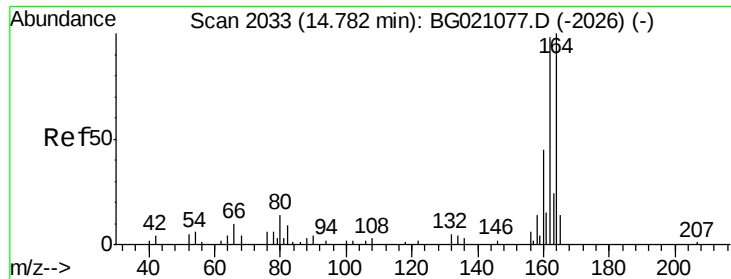
#23
Nitrobenzene-d5
Concen: 112.47 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG021119.D
Acq: 27 Feb 2016 17:44

Tgt Ion:	82	Resp:	66578
Ion	Ratio	Lower	Upper
82	100		
128	33.5	36.3	54.5#
54	48.7	37.6	56.4



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG021119.D

Acq: 27 Feb 2016 17:44

Instrument :

BNA_G

ClientSampleId :

FB1-W-20160224

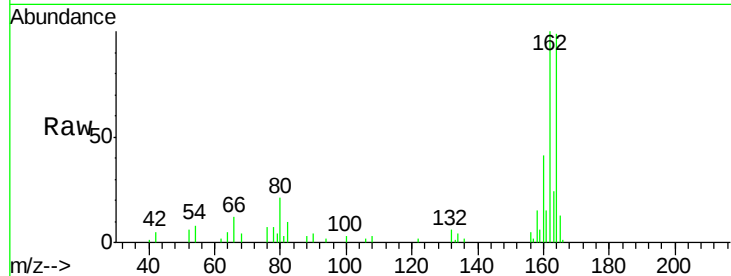
Tgt Ion:164 Resp: 17502

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

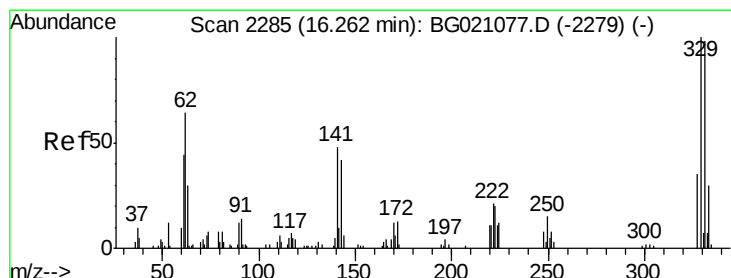
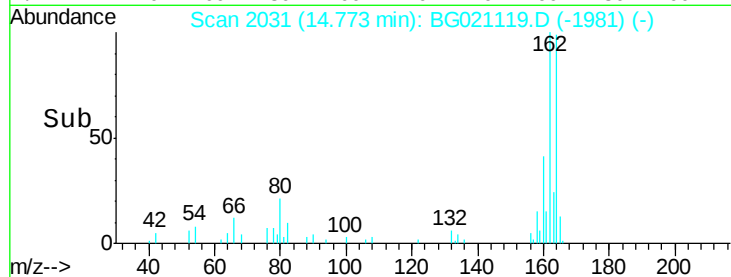
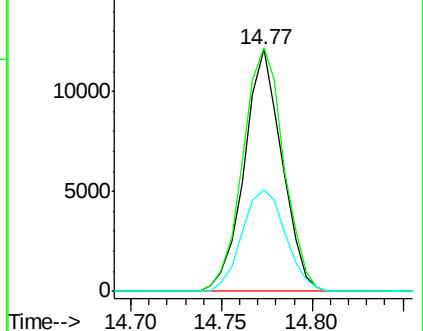
160 41.7 36.5 54.7



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: 143.44 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG021119.D

Acq: 27 Feb 2016 17:44

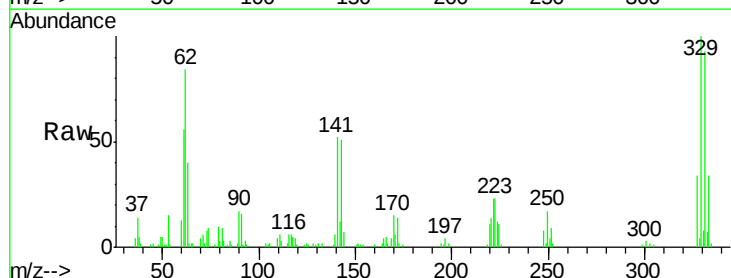
Tgt Ion:330 Resp: 32914

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.0

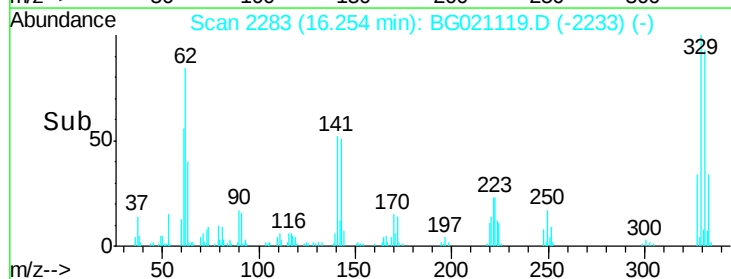
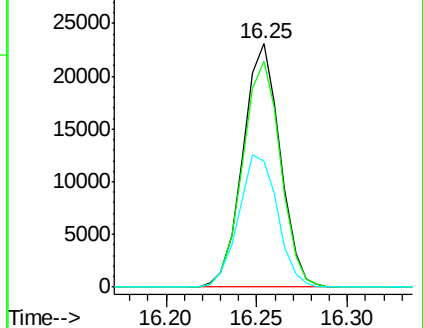
141 56.8 35.3 52.9#

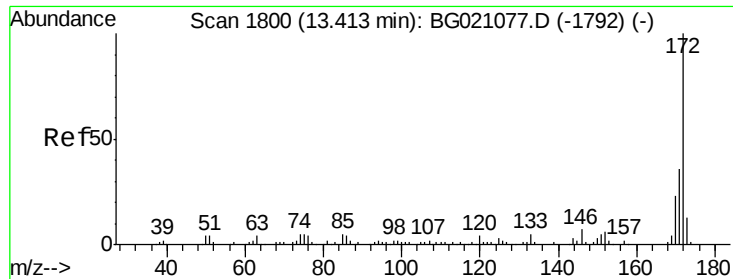


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

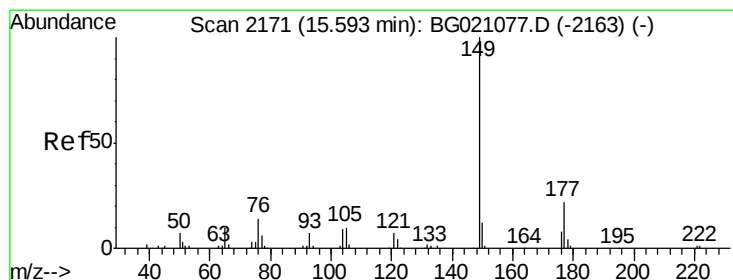
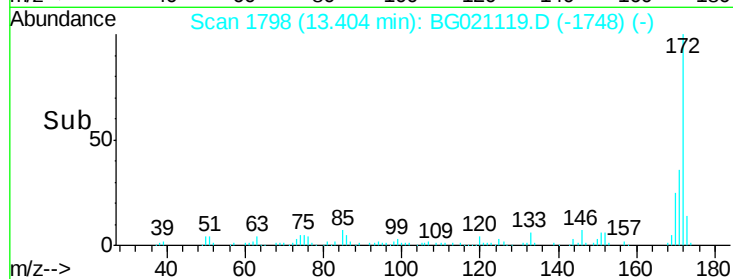
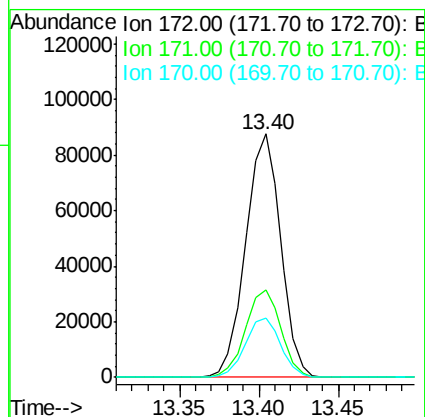
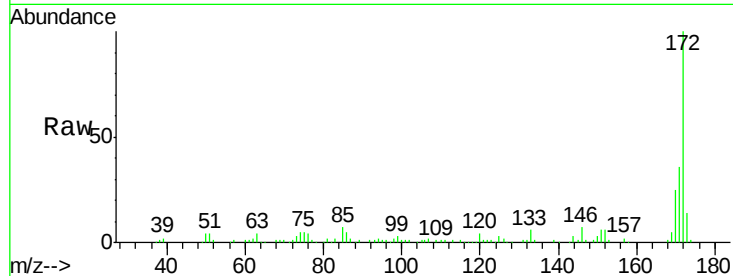




#44
2-Fluorobiphenyl
Concen: 98.10 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021119.D
Acq: 27 Feb 2016 17:44

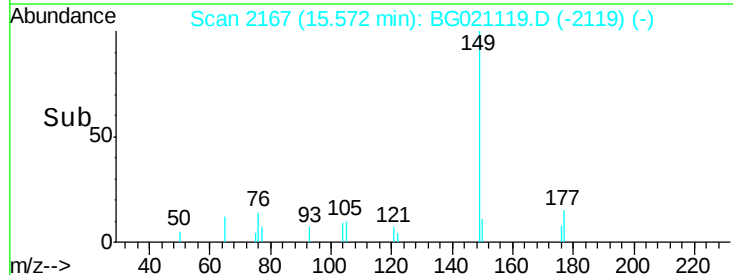
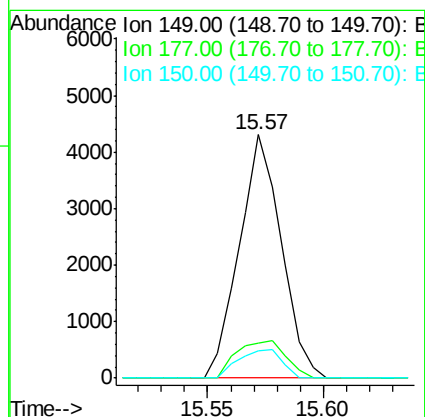
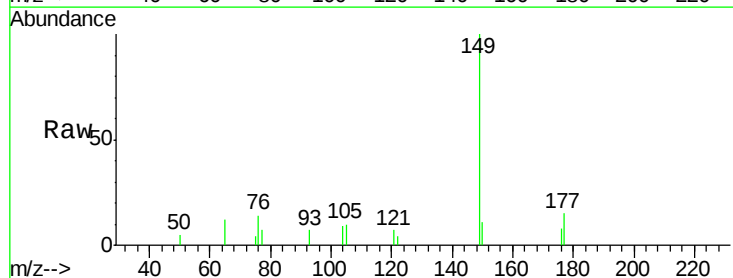
Instrument :
BNA_G
ClientSampleId :
FB1-W-20160224

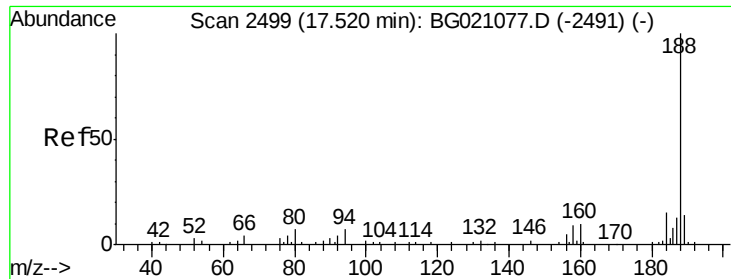
Tgt Ion:172 Resp: 134177
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.5 19.8 29.8



#59
Diethylphthalate
Concen: 3.43 ng
RT: 15.57 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG021119.D
Acq: 27 Feb 2016 17:44

Tgt Ion:149 Resp: 5451
Ion Ratio Lower Upper
149 100
177 14.6 15.8 23.8#
150 11.3 10.1 15.1

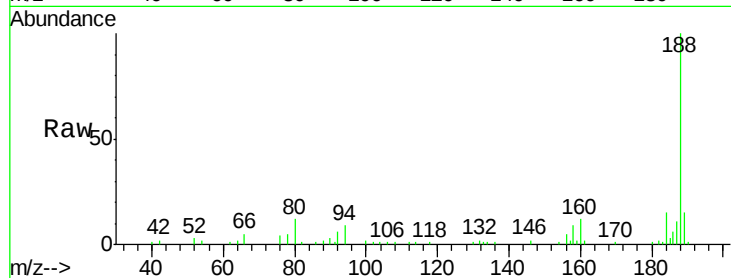




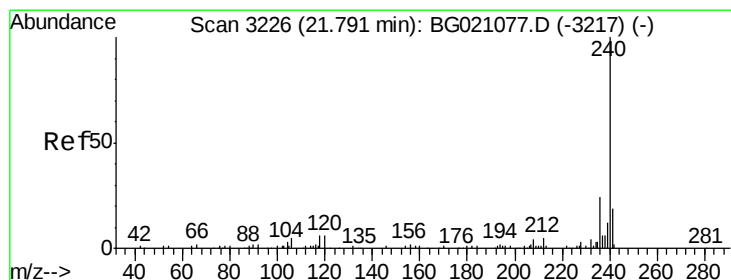
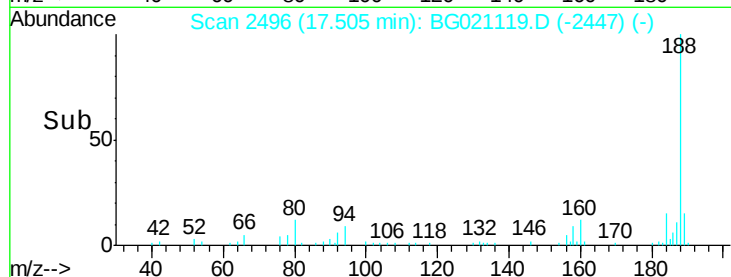
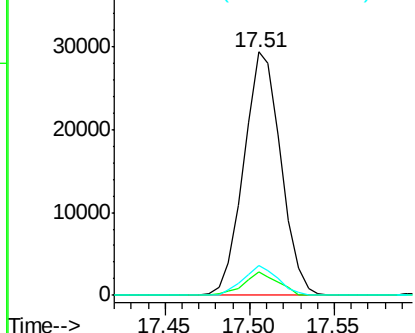
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG021119.D
Acq: 27 Feb 2016 17:44

Instrument :
BNA_G
ClientSampleId :
FB1-W-20160224

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	12.4	9.2	13.8

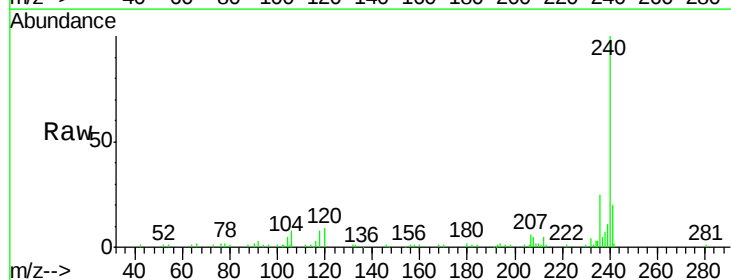


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

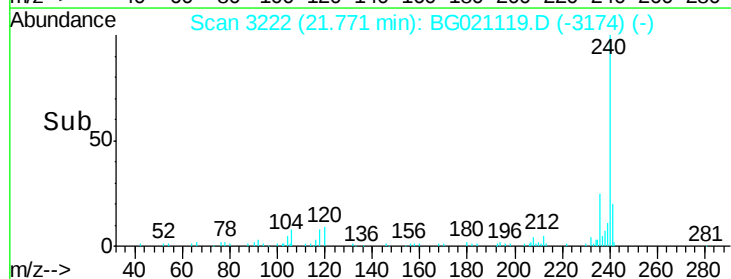
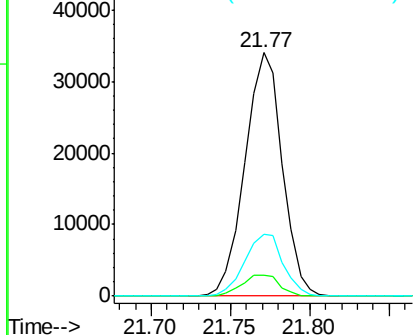


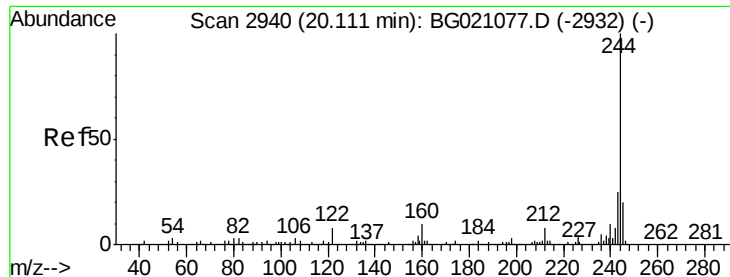
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG021119.D
Acq: 27 Feb 2016 17:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.5	11.3
236	25.3	20.5	30.7



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: 104.34 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021119.D

Acq: 27 Feb 2016 17:44

Instrument :

BNA_G

ClientSampleId :

FB1-W-20160224

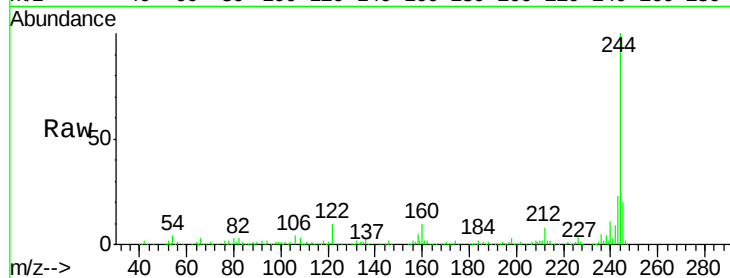
Tgt Ion:244 Resp: 248090

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

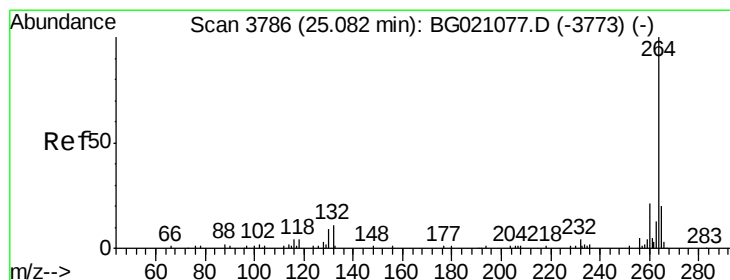
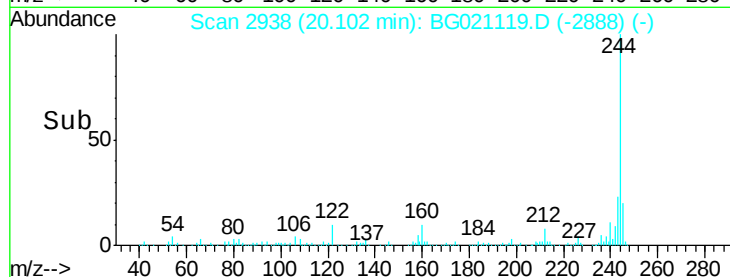
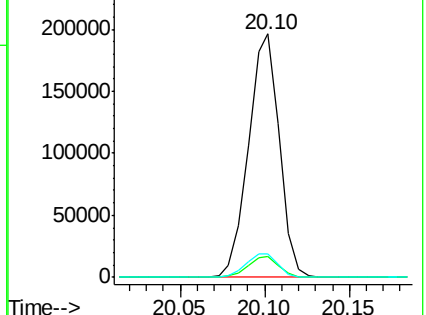
122 9.8 8.3 12.5



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: 20.00 ng

RT: 25.05 min Scan# 3780

Delta R.T. -0.03 min

Lab File: BG021119.D

Acq: 27 Feb 2016 17:44

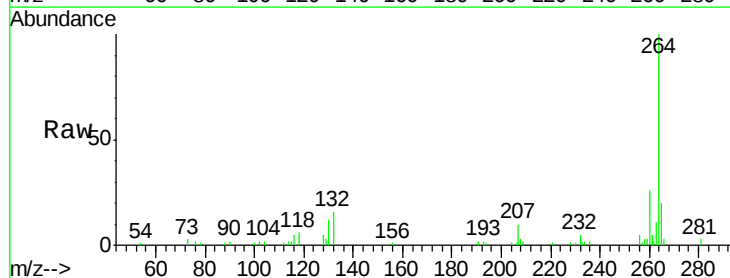
Tgt Ion:264 Resp: 50393

Ion Ratio Lower Upper

264 100

260 25.7 18.5 27.7

265 20.0 18.6 28.0



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

