

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024592.D
 Acq On : 1 Nov 2016 14:40
 Operator : UM/SJ
 Sample : H5478-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Quant Time: Nov 02 02:11:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

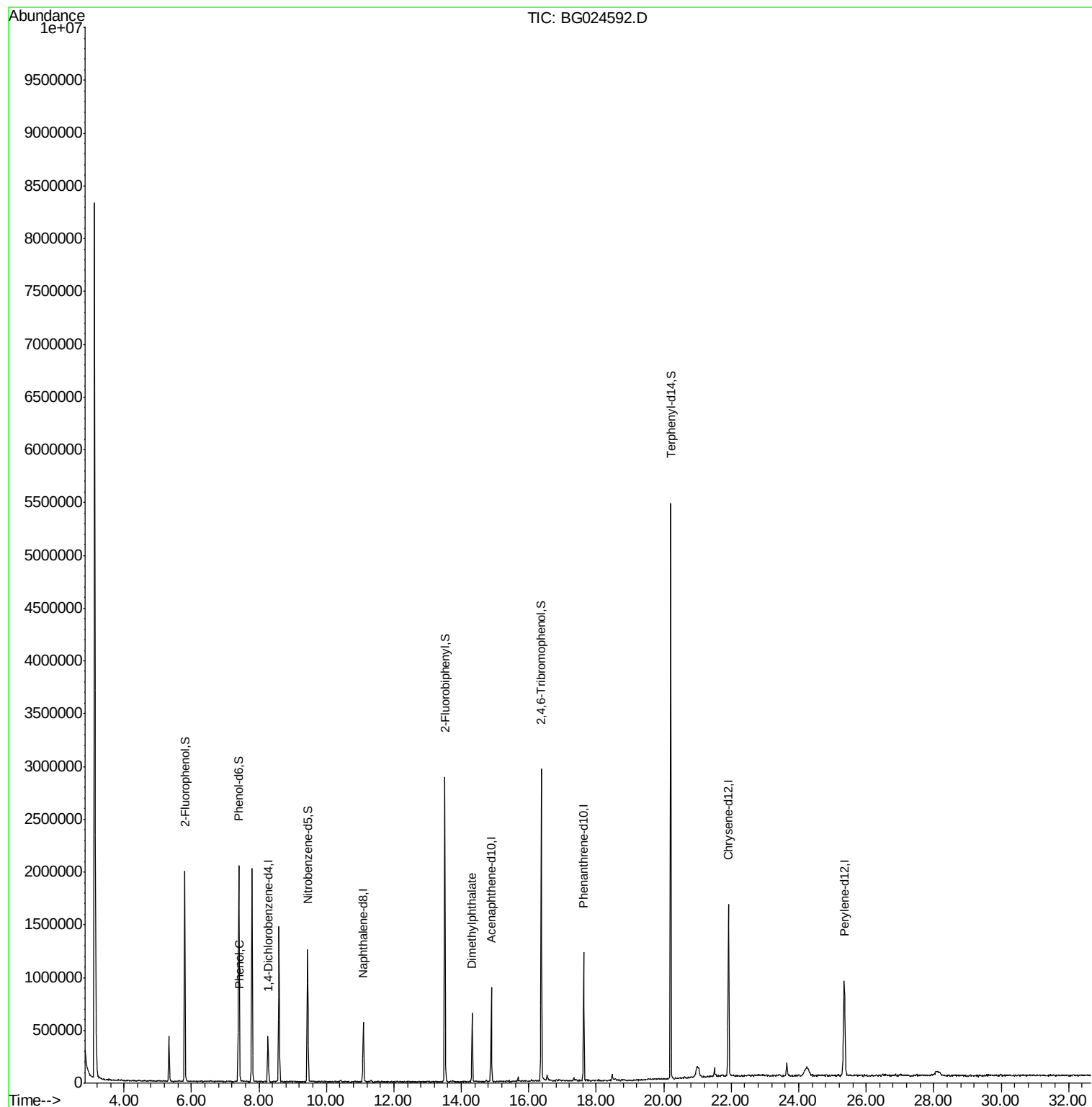
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	118939	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	443124	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	344102	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	745948	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1067235	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1122732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	827210	113.99	ng	0.00
7) Phenol-d6	7.41	99	1144734	115.00	ng	0.00
23) Nitrobenzene-d5	9.44	82	800774	82.28	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	573489	111.56	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1490749	72.01	ng	0.00
78) Terphenyl-d14	20.20	244	2409293	67.46	ng	-0.01
Target Compounds						
10) Phenol	7.43	94	30653	2.99	ng	92
49) Dimethylphthalate	14.32	163	396092	16.21	ng	97

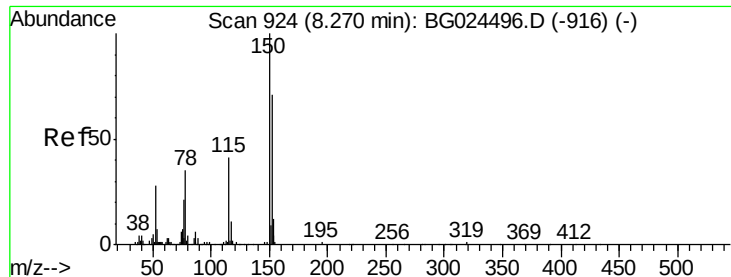
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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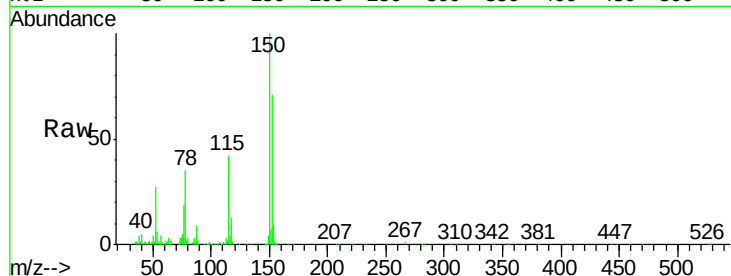


#1

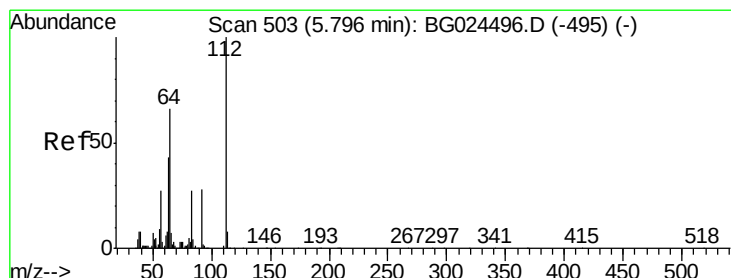
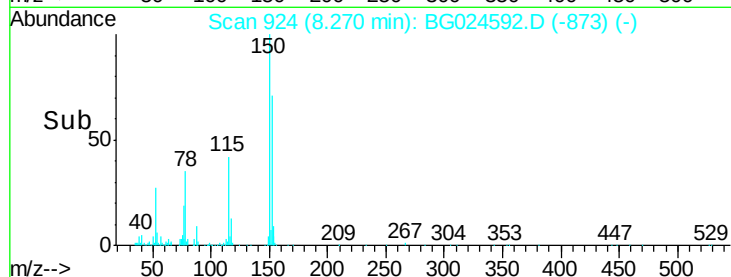
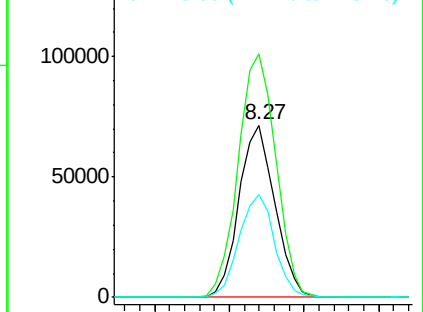
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.2	114.0	171.0
115	59.3	48.1	72.1



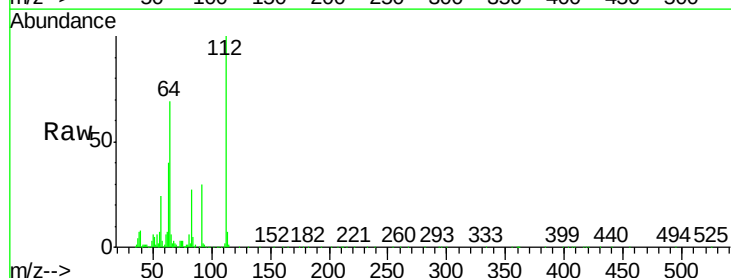
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



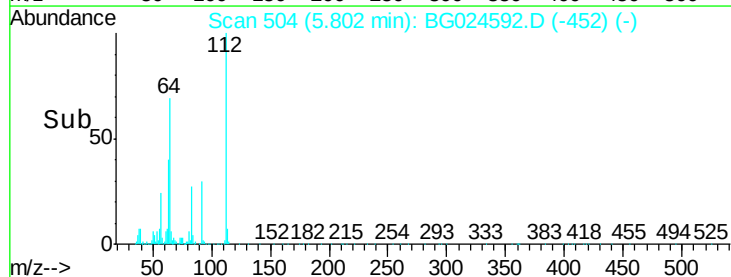
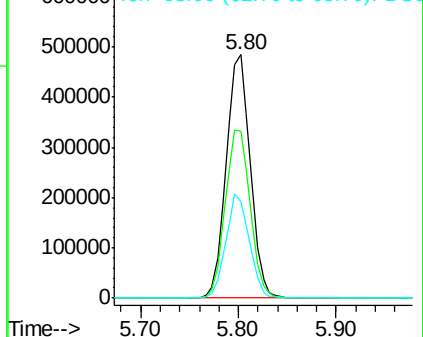
#5

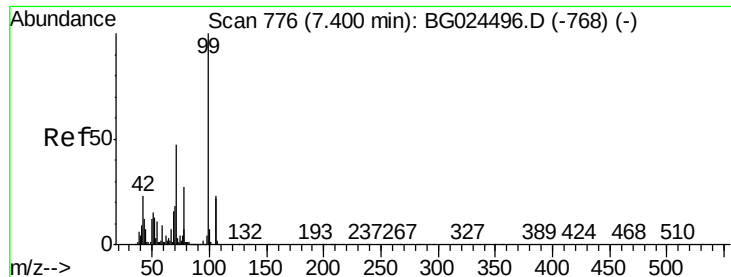
2-Fluorophenol
Concen: 113.99 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	61.8	92.6
63	39.6	37.2	55.8



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: 115.00 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024592.D

Acq: 1 Nov 2016 14:40

Instrument :

BNA_G

ClientSampleId :

DUP

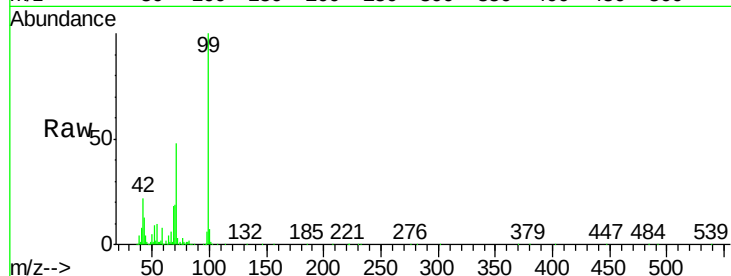
Tgt Ion: 99 Resp: 1144734

Ion Ratio Lower Upper

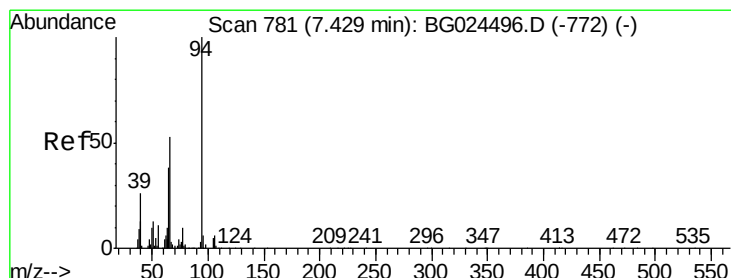
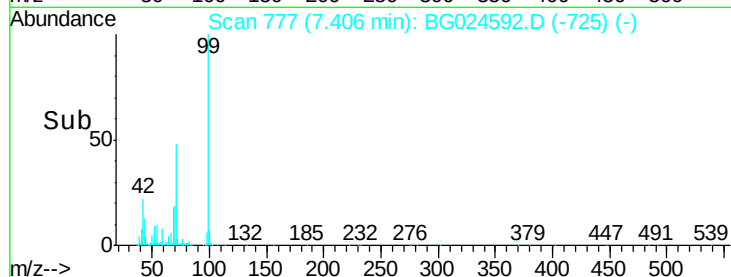
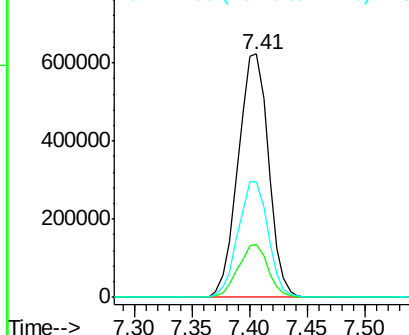
99 100

42 21.6 20.5 30.7

71 47.7 37.6 56.4



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: 2.99 ng

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG024592.D

Acq: 1 Nov 2016 14:40

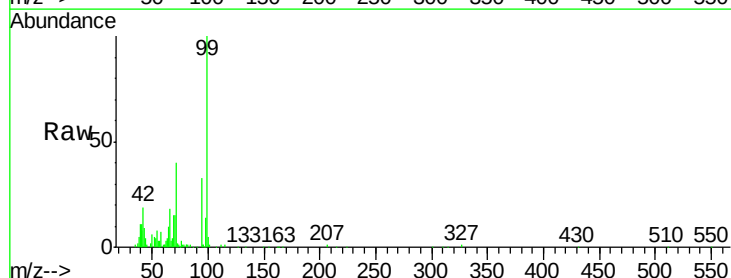
Tgt Ion: 94 Resp: 30653

Ion Ratio Lower Upper

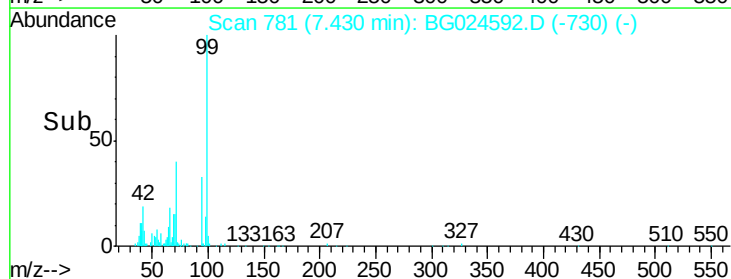
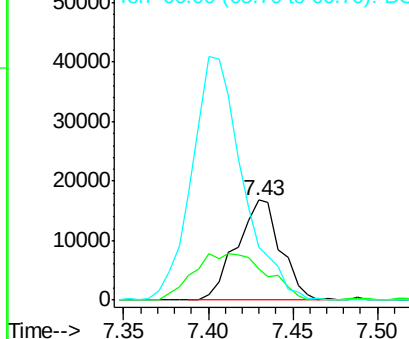
94 100

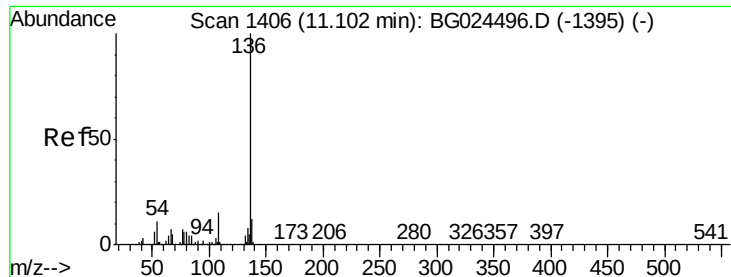
65 31.4 20.6 60.6

66 53.3 35.5 75.5



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

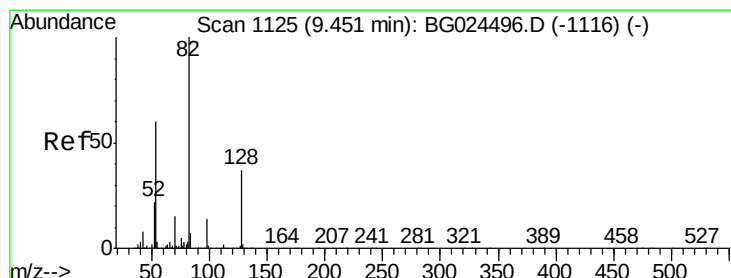
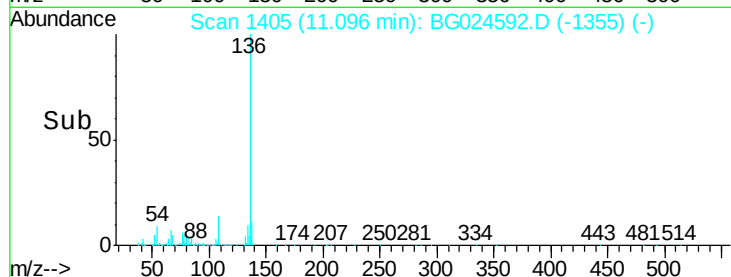
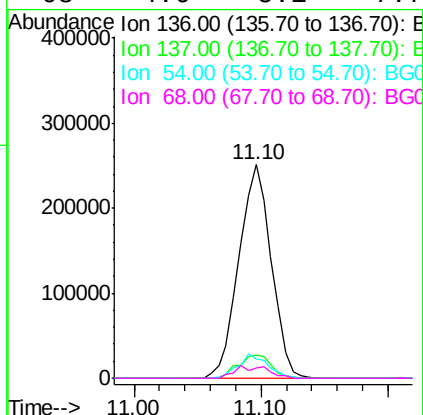
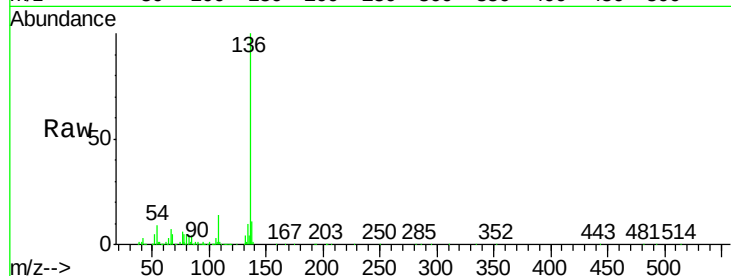




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

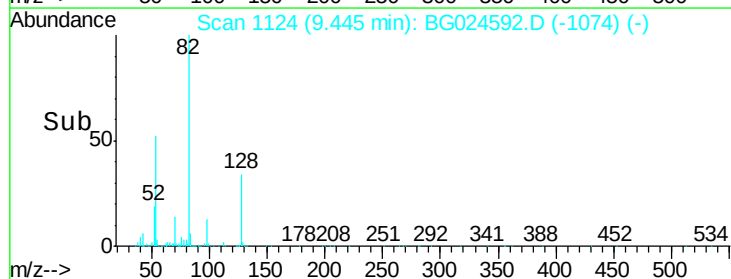
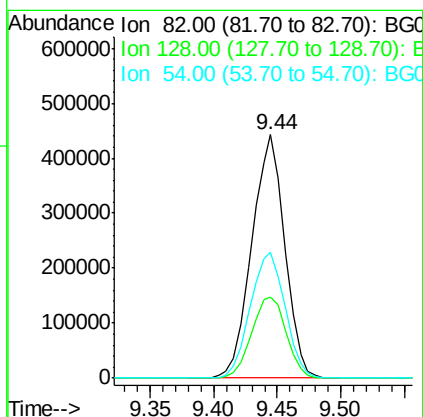
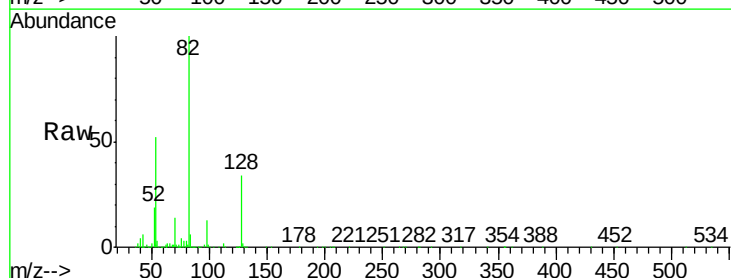
Instrument :
BNA_G
ClientSampleId :
DUP

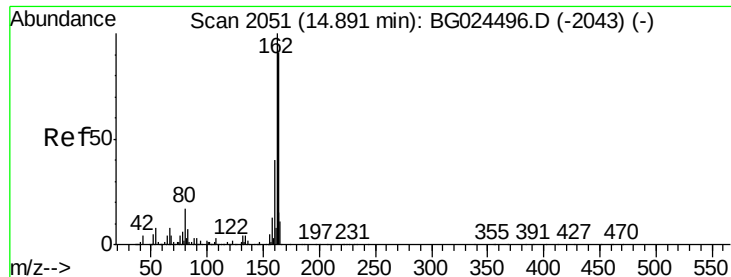
Tgt Ion:	136	Resp:	443124
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.2	9.3	13.9#
68	4.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 82.28 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt Ion:	82	Resp:	800774
Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	51.7	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024592.D

Acq: 1 Nov 2016 14:40

Instrument :

BNA_G

ClientSampleId :

DUP

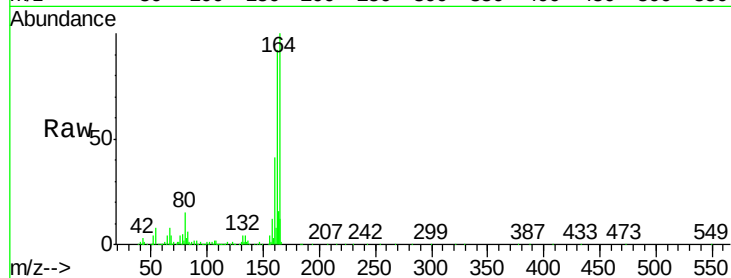
Tgt Ion:164 Resp: 344102

Ion Ratio Lower Upper

164 100

162 92.0 85.1 127.7

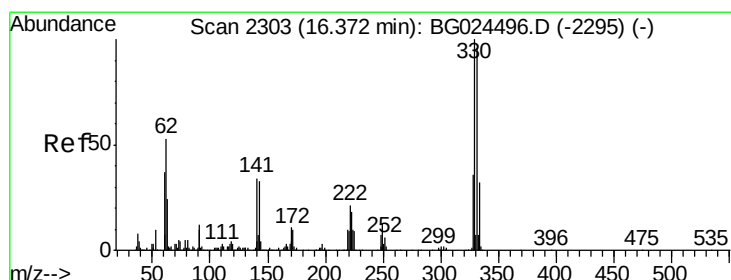
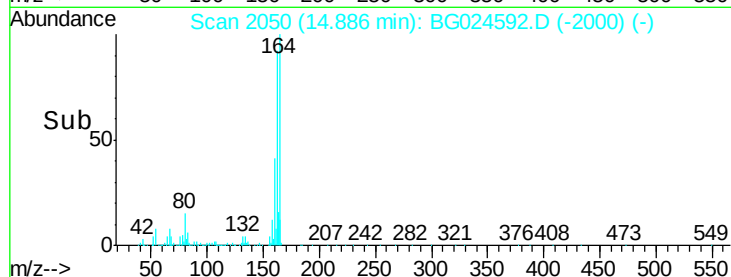
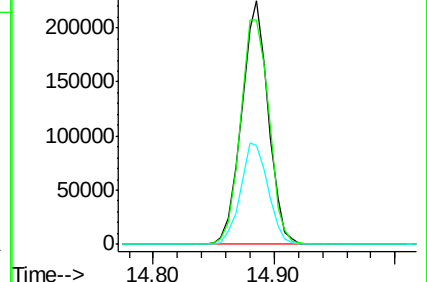
160 40.8 34.7 52.1



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: 111.56 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024592.D

Acq: 1 Nov 2016 14:40

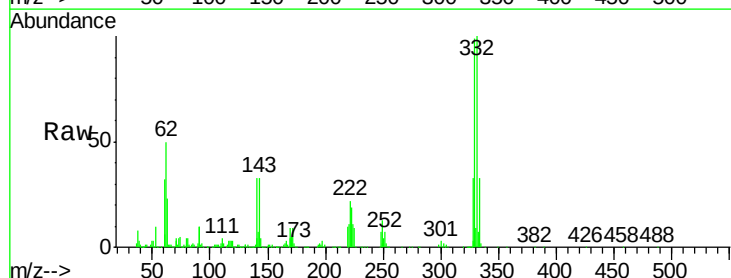
Tgt Ion:330 Resp: 573489

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

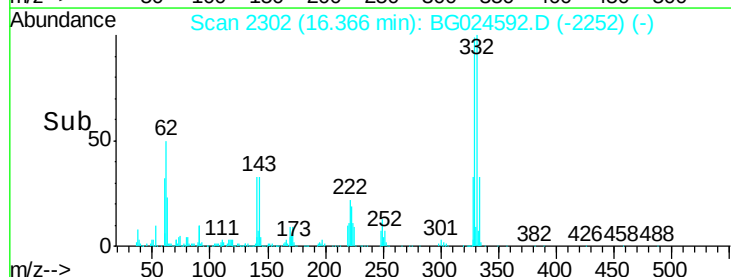
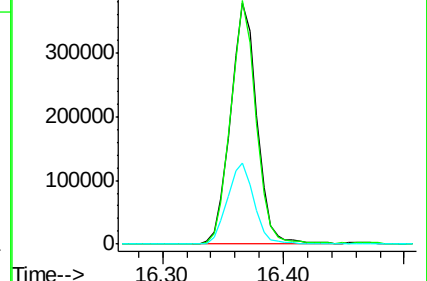
141 33.7 32.1 48.1

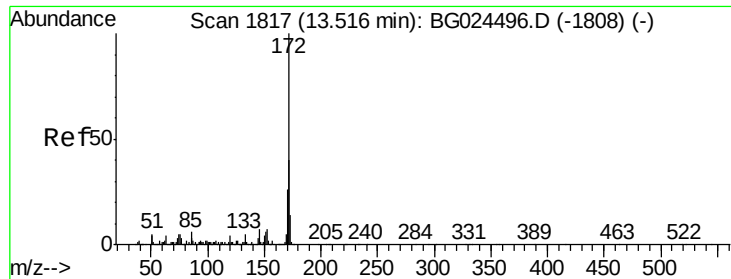


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

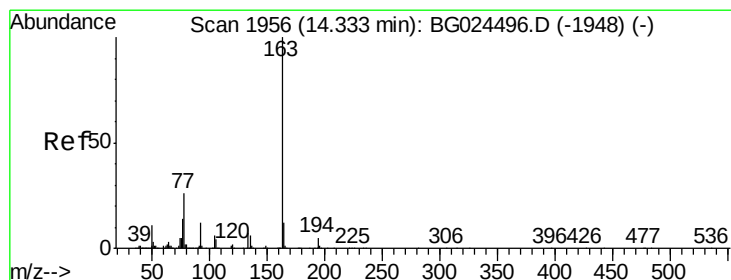
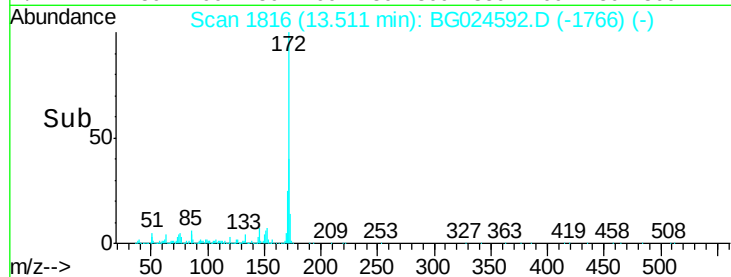
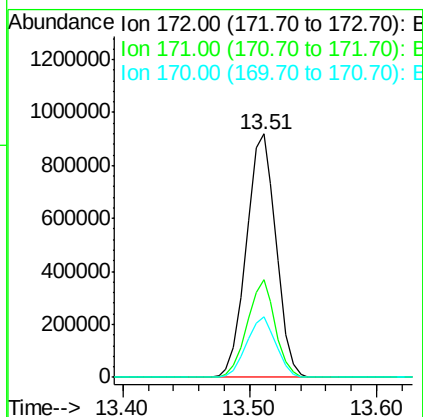
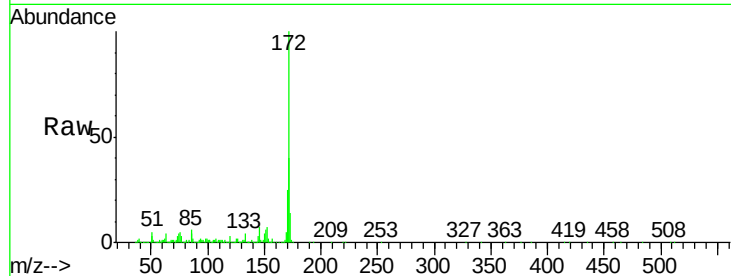




#44
2-Fluorobiphenyl
Concen: 72.01 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

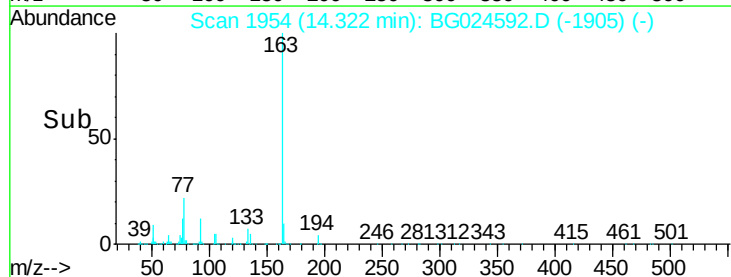
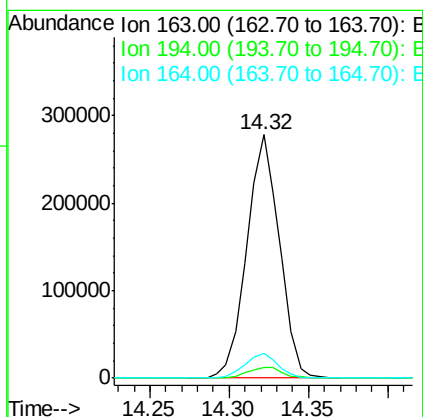
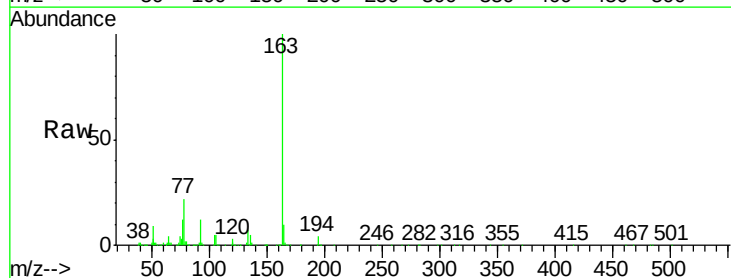
Instrument :
BNA_G
ClientSampleId :
DUP

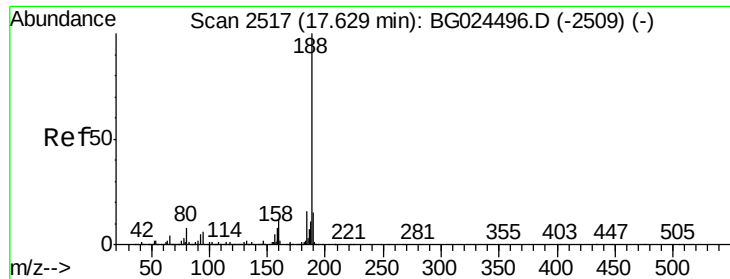
Tgt Ion:172 Resp: 1490749
Ion Ratio Lower Upper
172 100
171 40.0 32.2 48.2
170 25.1 21.8 32.6



#49
Dimethylphthalate
Concen: 16.21 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt Ion:163 Resp: 396092
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.1 9.3 13.9

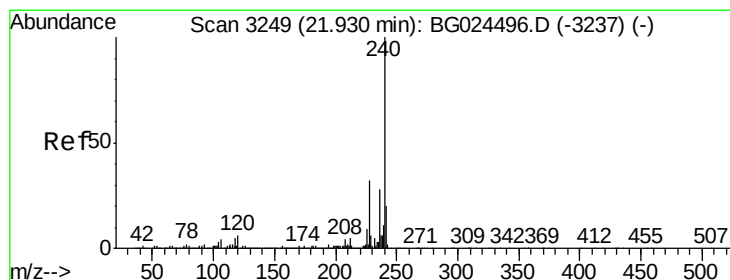
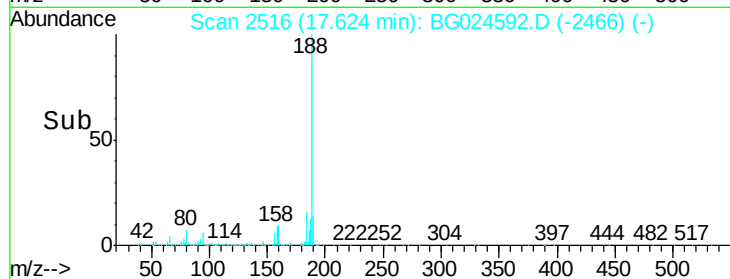
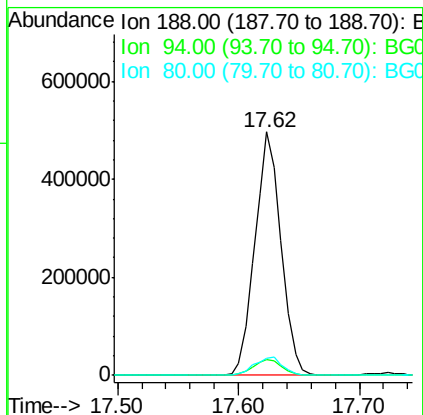
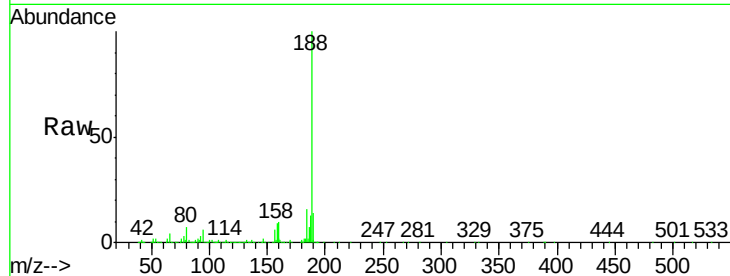




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

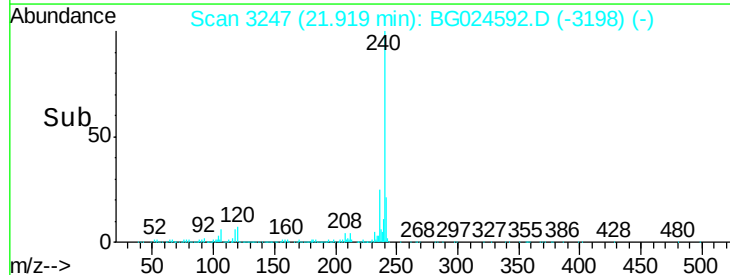
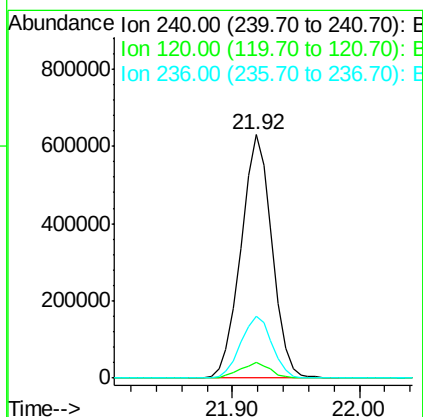
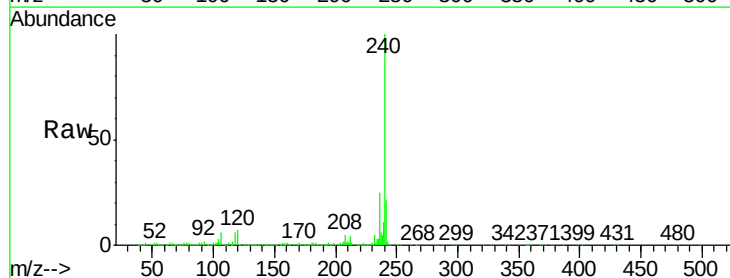
Instrument :
BNA_G
ClientSampleId :
DUP

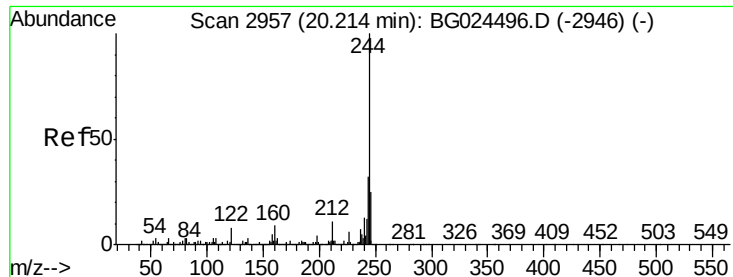
Tgt Ion:188 Resp: 745948
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt Ion:240 Resp: 1067235
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 67.46 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024592.D

Acq: 1 Nov 2016 14:40

Instrument :

BNA_G

ClientSampleId :

DUP

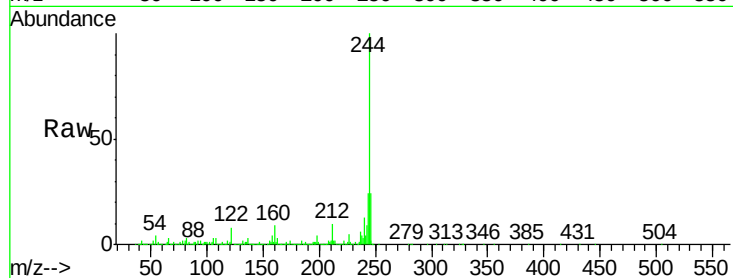
Tgt Ion:244 Resp: 2409293

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

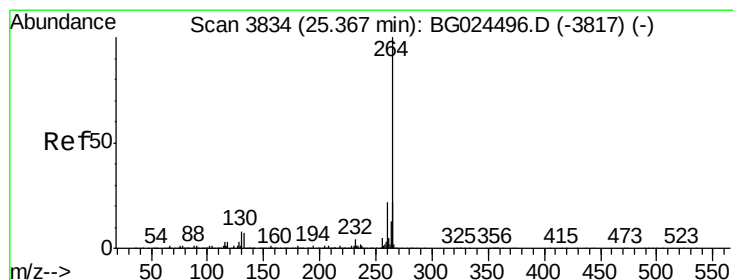
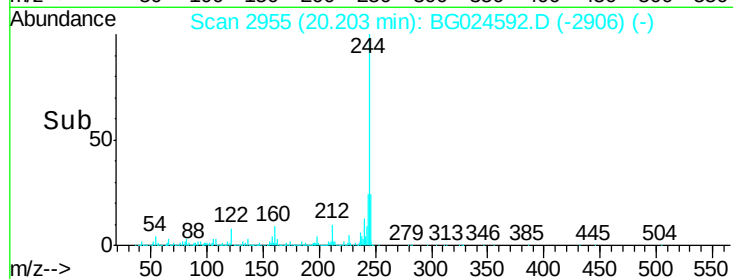
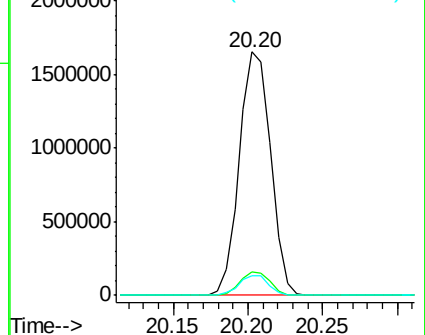
122 8.3 8.6 12.8#



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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024592.D

Acq: 1 Nov 2016 14:40

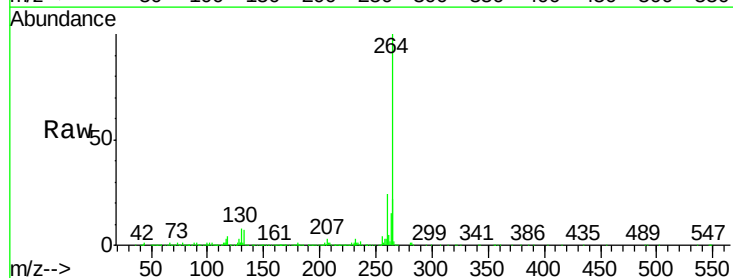
Tgt Ion:264 Resp: 1122732

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.5 18.2 27.4



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

