

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017699.D
 Acq On : 15 Jun 2015 20:41
 Operator : TP/IZ
 Sample : PB84004BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84004BS

Quant Time: Jun 16 01:50:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

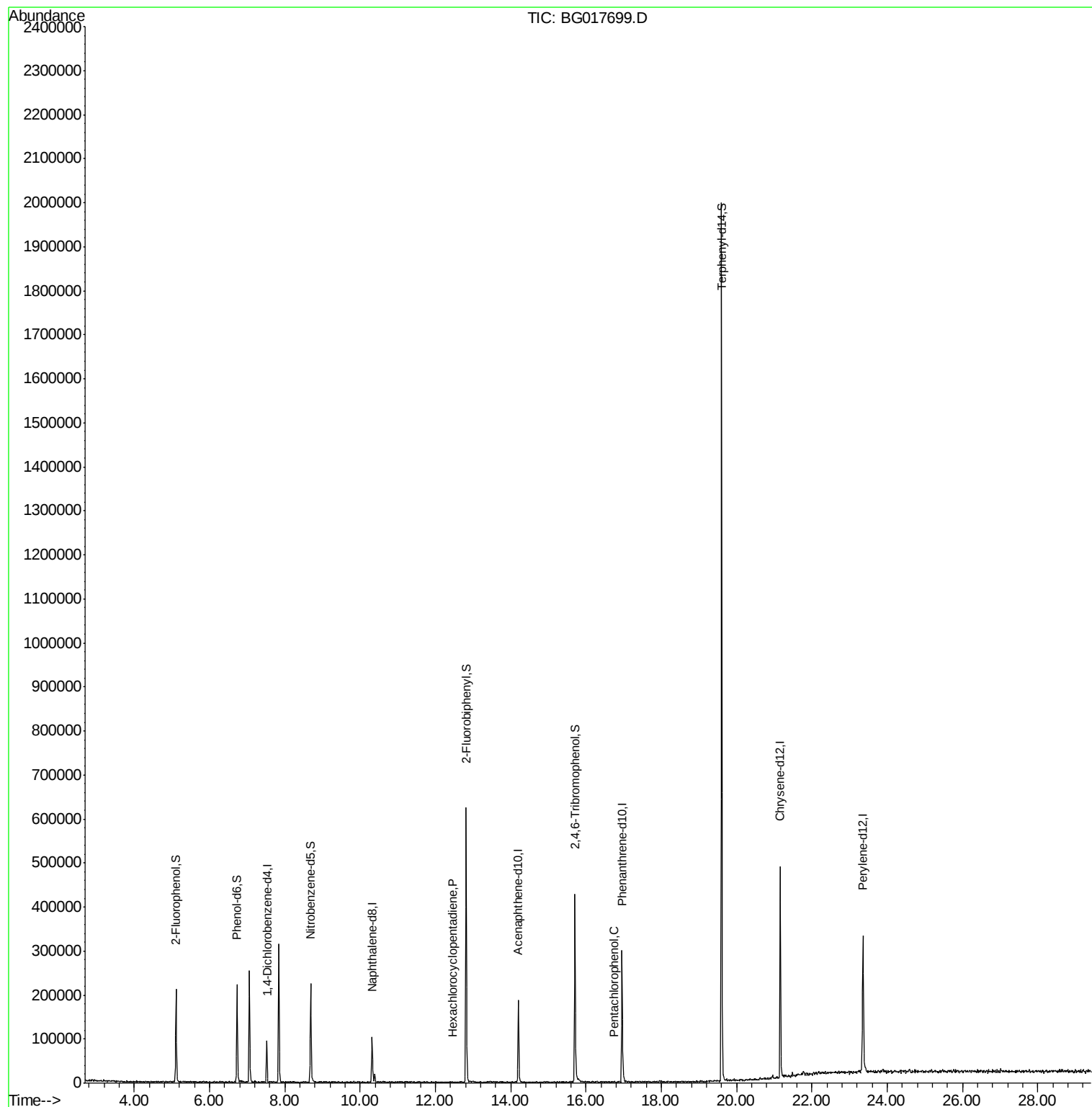
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	20378	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	70485	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	58691	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	165599	20.00	ng	0.00
75) Chrysene-d12	21.16	240	234929	20.00	ng	0.00
86) Perylene-d12	23.36	264	246905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	67317	63.98	ng	0.00
7) Phenol-d6	6.73	99	92113	59.75	ng	0.00
23) Nitrobenzene-d5	8.69	82	123098	73.31	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	68388	67.50	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	275750	64.98	ng	0.00
78) Terphenyl-d14	19.60	244	836937	74.32	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.45	237	61	5.04	ng	# 25
69) Pentachlorophenol	16.73	266	84	6.25	ng	# 54

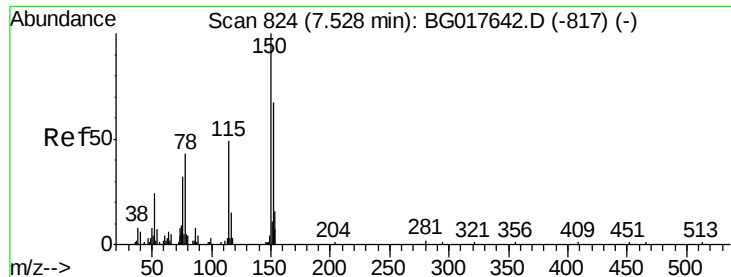
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 02:22:44 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

Instrument :

BNA_G

ClientSampleId :

PB84004BS

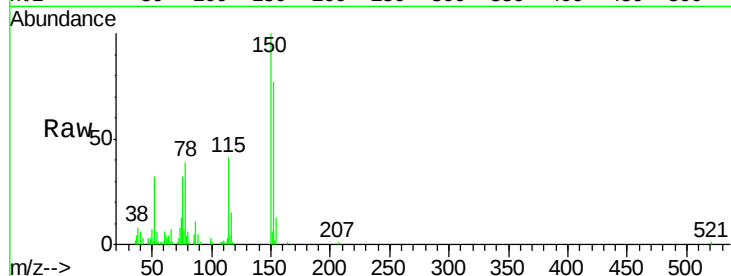
Tgt Ion:152 Resp: 20378

Ion Ratio Lower Upper

152 100

150 129.6 119.4 179.0

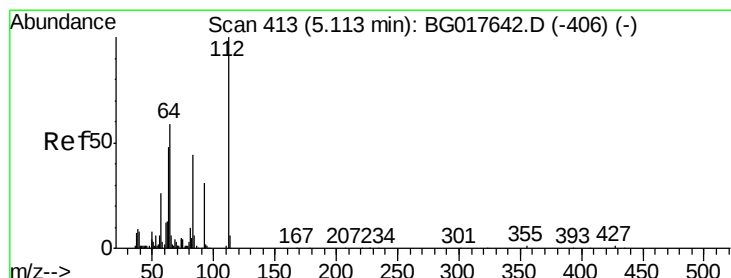
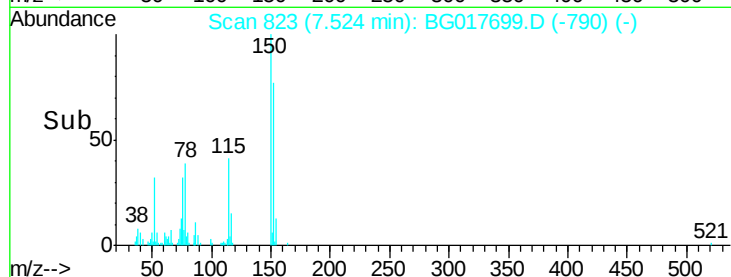
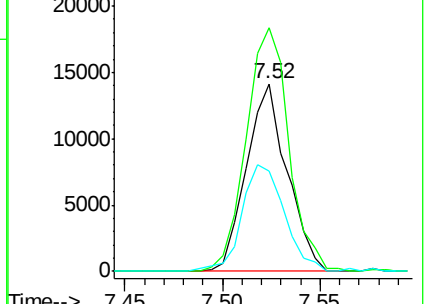
115 53.2 58.2 87.2#



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: 63.98 ng

RT: 5.11 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

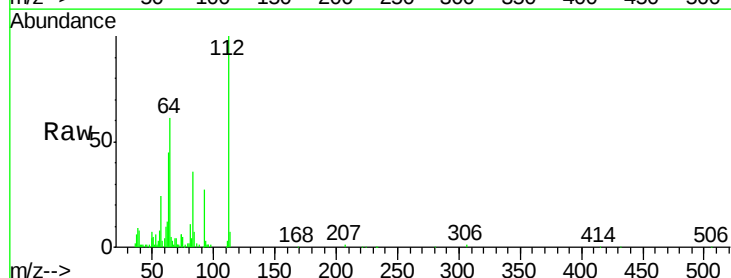
Tgt Ion:112 Resp: 67317

Ion Ratio Lower Upper

112 100

64 61.0 47.0 70.6

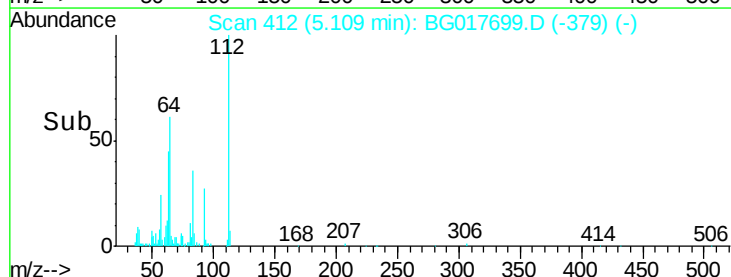
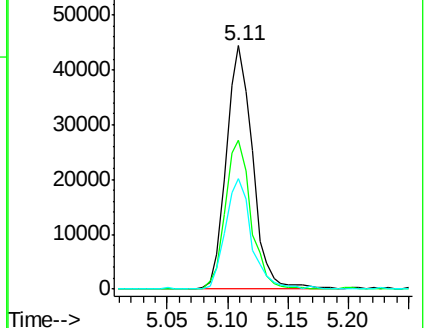
63 45.5 38.6 58.0

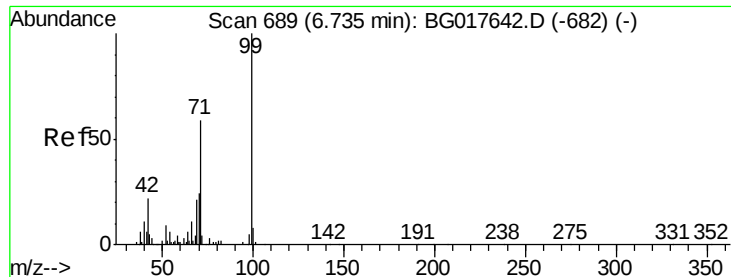


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 59.75 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

Instrument :

BNA_G

ClientSampleId :

PB84004BS

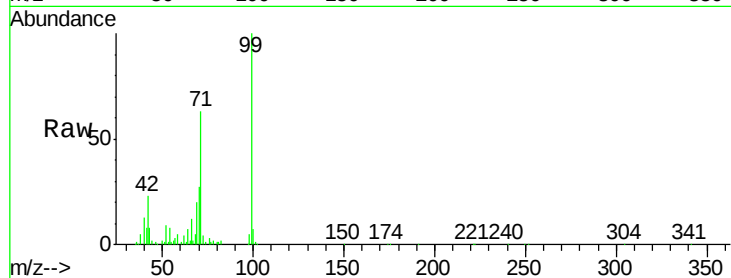
Tgt Ion: 99 Resp: 92113

Ion Ratio Lower Upper

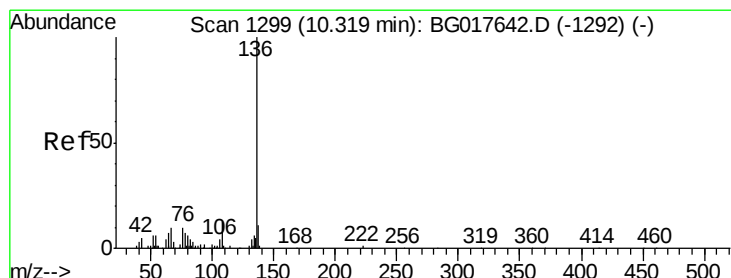
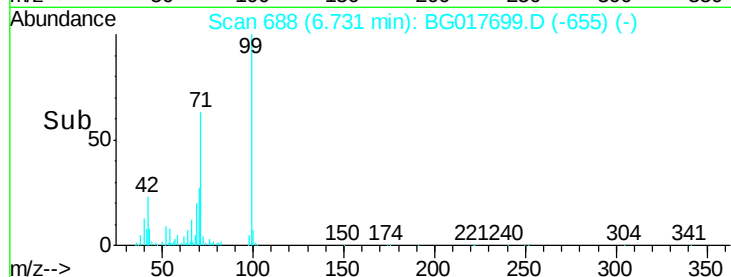
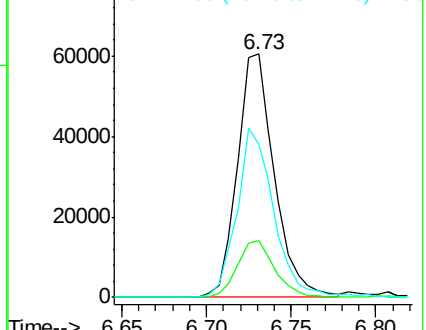
99 100

42 23.5 17.4 26.2

71 62.6 47.4 71.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

Tgt Ion: 136 Resp: 70485

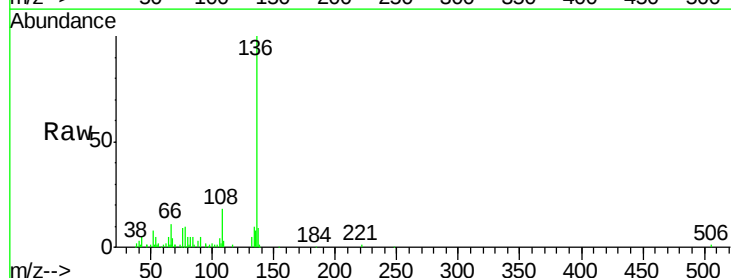
Ion Ratio Lower Upper

136 100

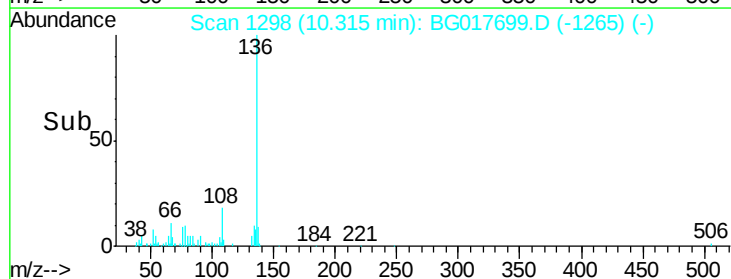
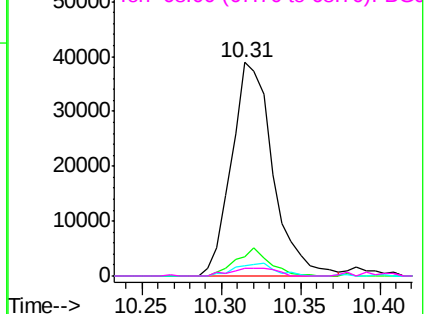
137 9.0 8.7 13.1

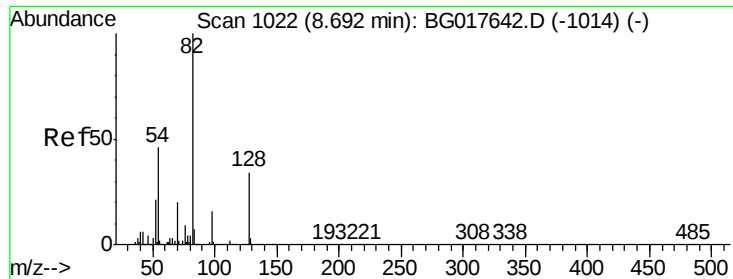
54 4.7 4.7 7.1

68 3.8 2.4 3.6#



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

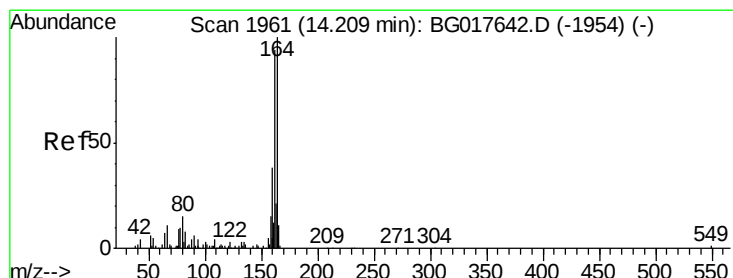
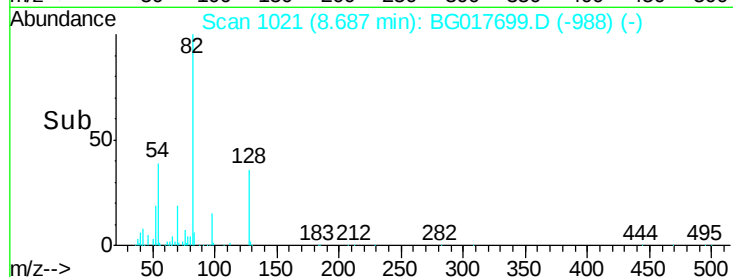
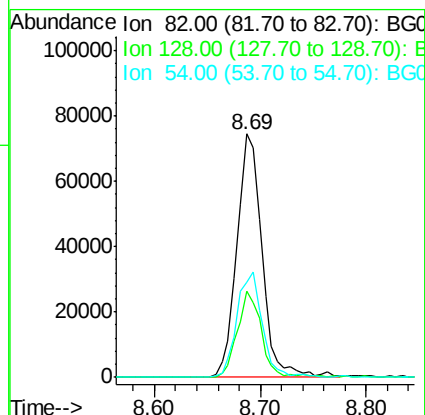
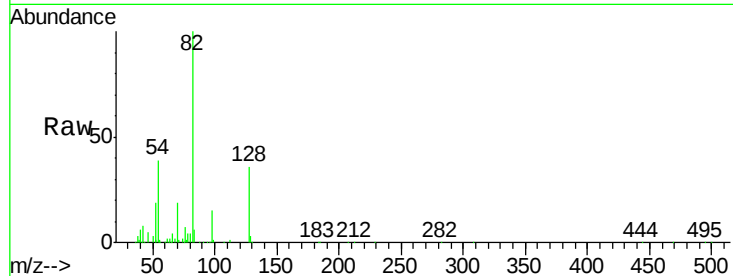




#23
 Nitrobenzene-d5
 Concen: 73.31 ng
 RT: 8.69 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG017699.D
 Acq: 15 Jun 2015 20:41

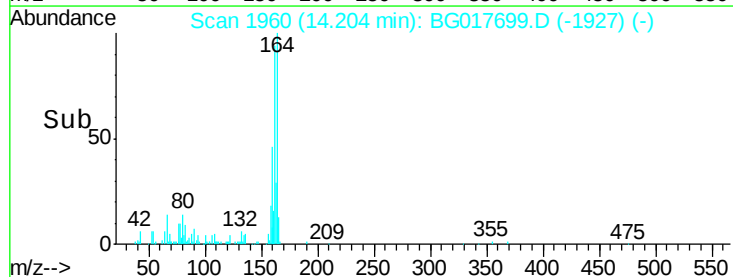
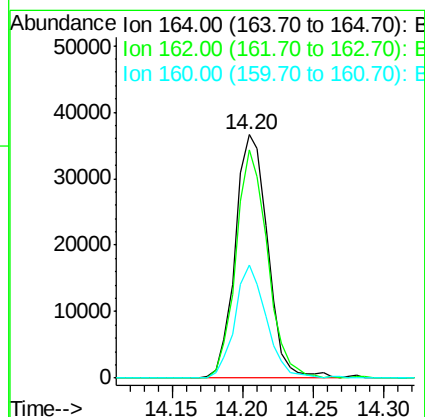
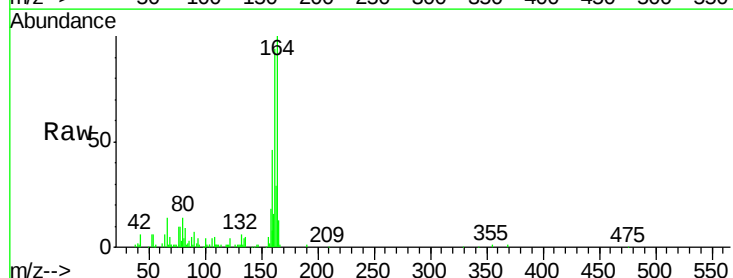
Instrument :
 BNA_G
 ClientSampleId :
 PB84004BS

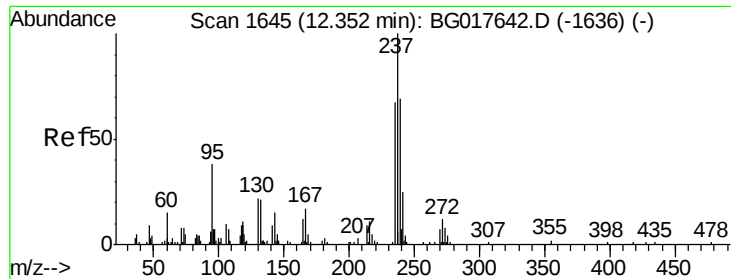
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	27.3	40.9
54	39.2	37.0	55.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017699.D
 Acq: 15 Jun 2015 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.0	75.0	112.4
160	46.3	30.3	45.5





#40

Hexachlorocyclopentadiene

Concen: 5.04 ng

RT: 12.45 min Scan# 1662

Delta R.T. 0.10 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

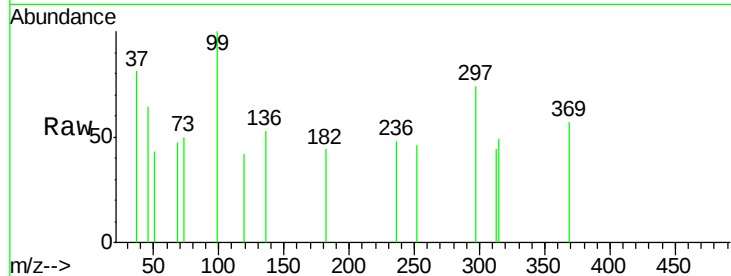
Instrument :

BNA_G

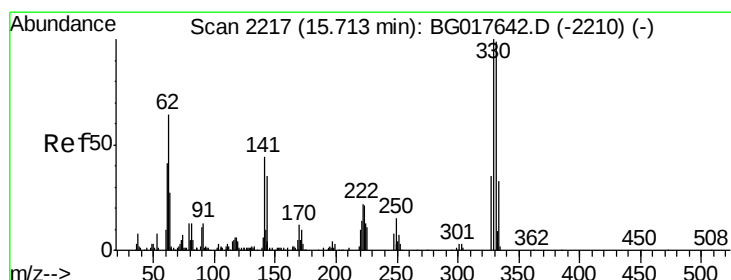
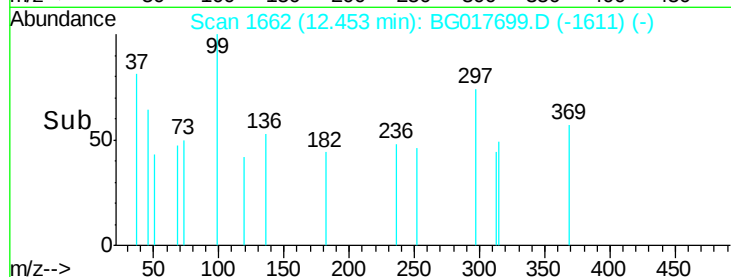
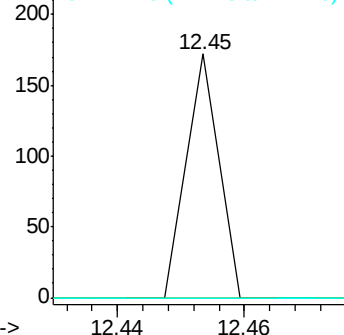
ClientSampleId :

PB84004BS

Tgt Ion:	237	Resp:	61
Ion Ratio	Lower	Upper	
237	100		
235	0.0	46.6	86.6#
272	0.0	0.0	32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 67.50 ng

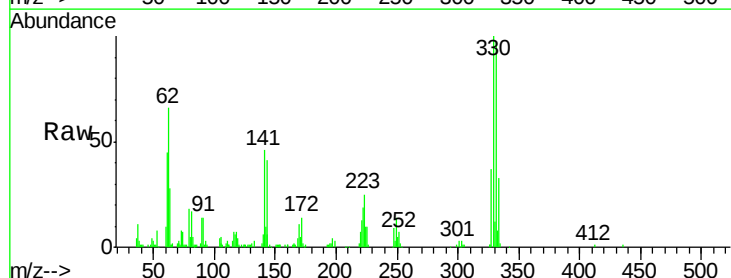
RT: 15.71 min Scan# 2216

Delta R.T. -0.00 min

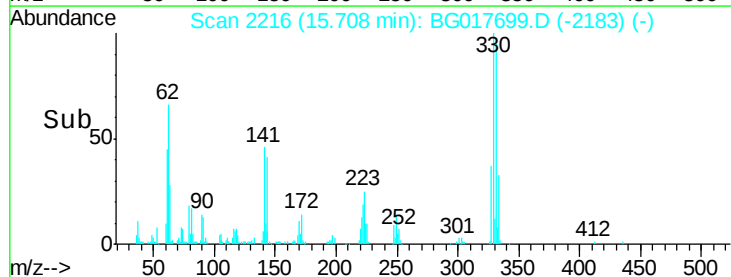
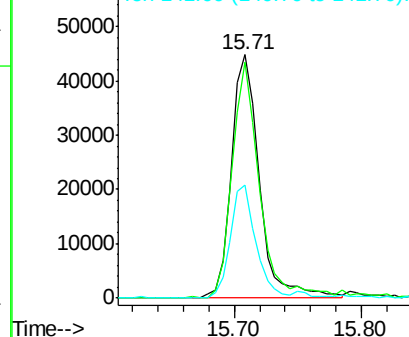
Lab File: BG017699.D

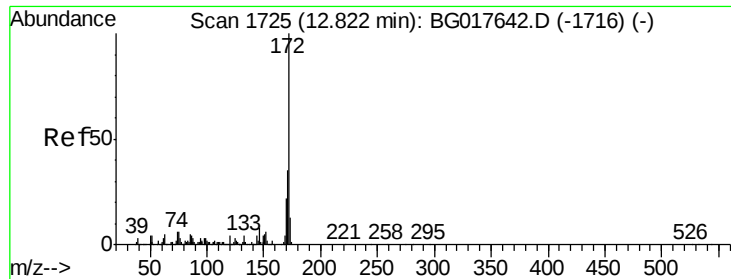
Acq: 15 Jun 2015 20:41

Tgt Ion:	330	Resp:	68388
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.6	114.8
141	41.8	34.6	51.8



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

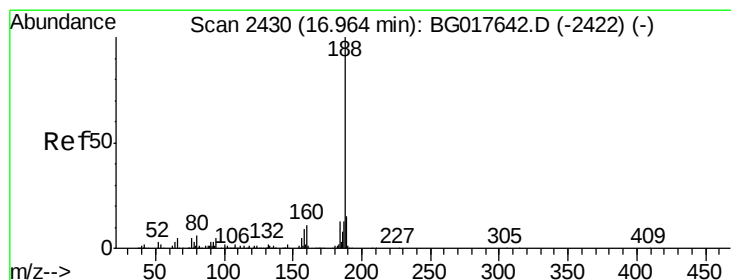
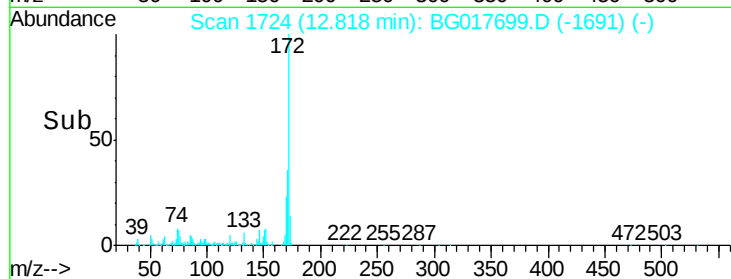
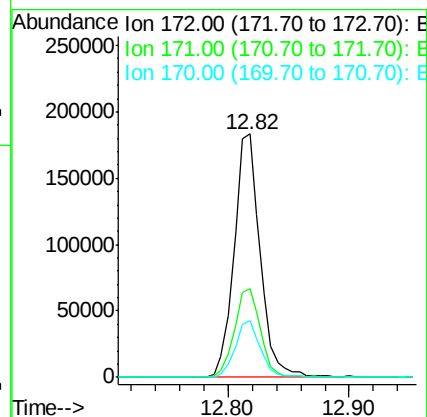
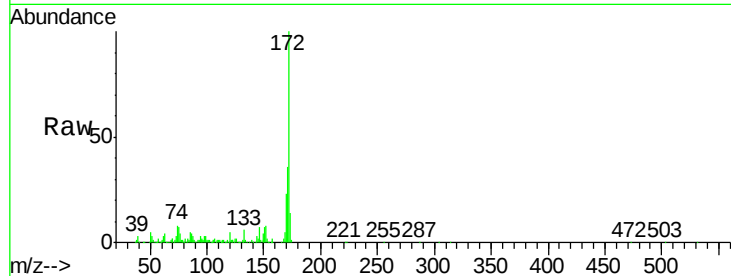




#44
 2-Fluorobiphenyl
 Concen: 64.98 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017699.D
 Acq: 15 Jun 2015 20:41

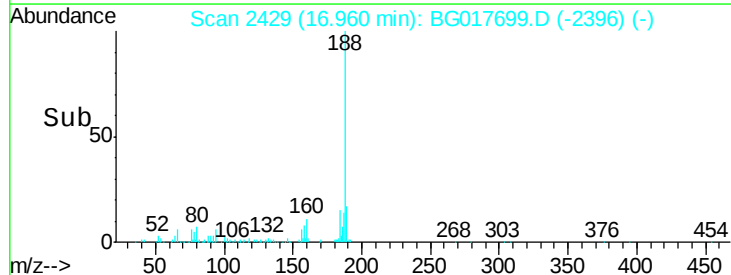
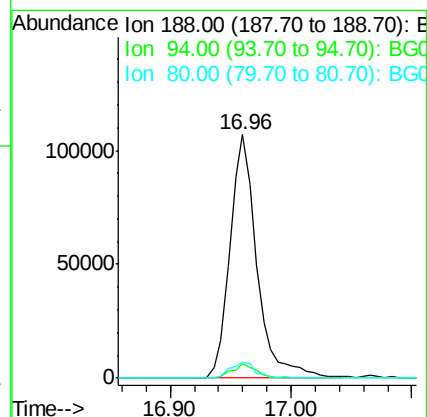
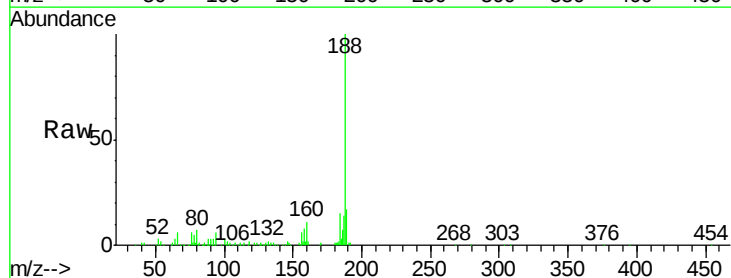
Instrument :
 BNA_G
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 PB84004BS

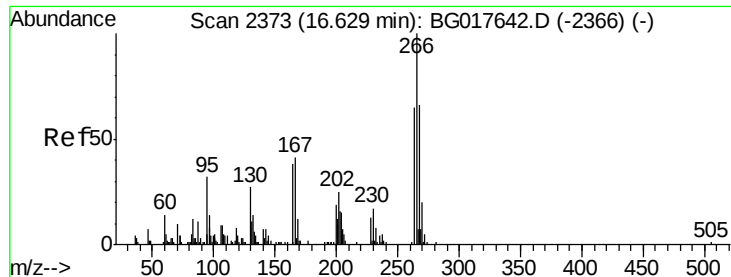
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.2
170	23.1	17.4	26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.96 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG017699.D
 Acq: 15 Jun 2015 20:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	3.9	5.9
80	6.5	5.0	7.6





#69

Pentachlorophenol

Concen: 6.25 ng

RT: 16.73 min Scan# 2390

Delta R.T. 0.10 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

Instrument :

BNA_G

ClientSampleId :

PB84004BS

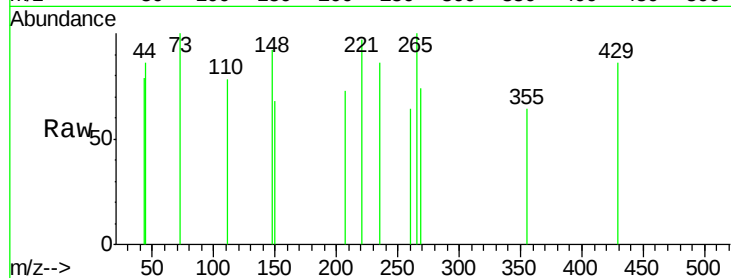
Tgt Ion:266 Resp: 84

Ion Ratio Lower Upper

266 100

268 73.8 52.7 79.1

264 0.0 52.2 78.4#



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

16.73

250

200

150

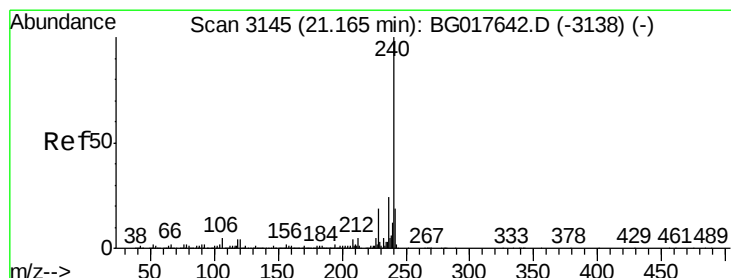
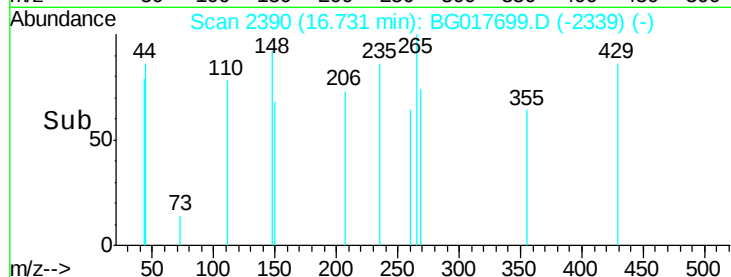
100

50

0

16.72 16.74

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

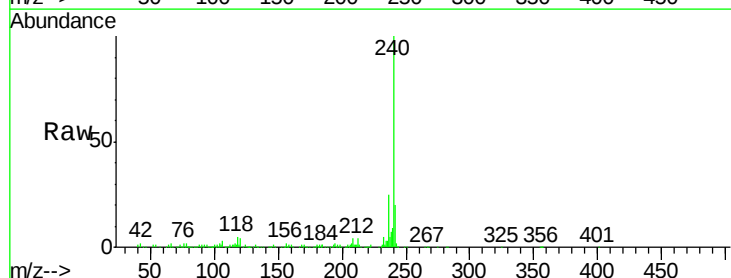
Tgt Ion:240 Resp: 234929

Ion Ratio Lower Upper

240 100

120 3.8 3.5 5.3

236 25.0 19.5 29.3



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

21.16

250000

200000

150000

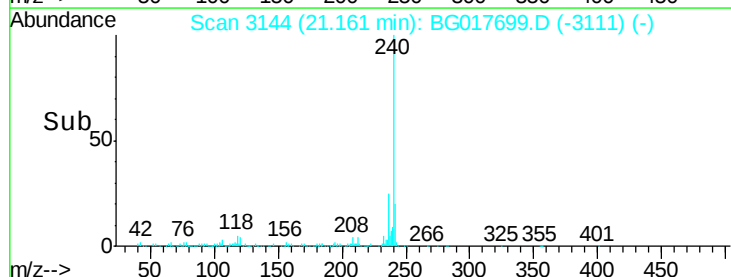
100000

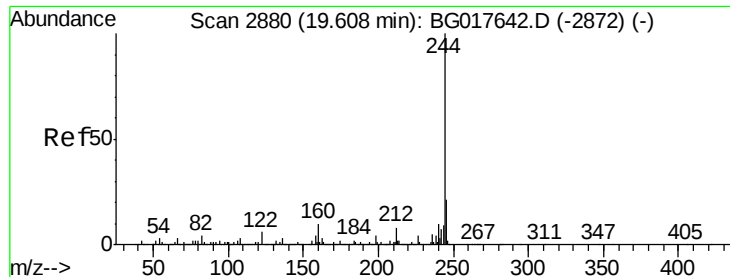
50000

0

21.10 21.15 21.20 21.25

Time-->





#78

Terphenyl-d14

Concen: 74.32 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

Instrument :

BNA_G

ClientSampleId :

PB84004BS

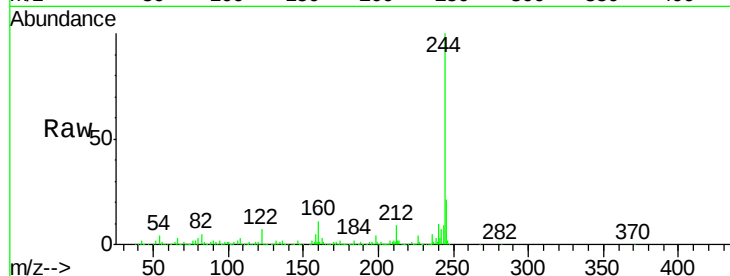
Tgt Ion:244 Resp: 836937

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

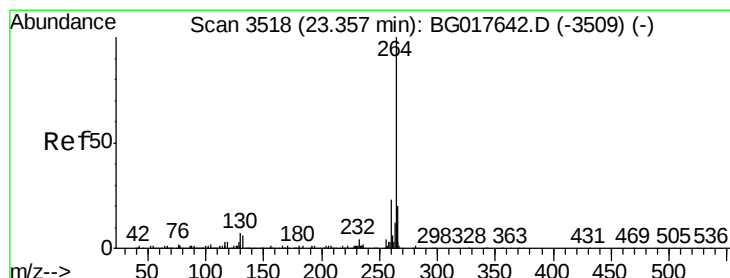
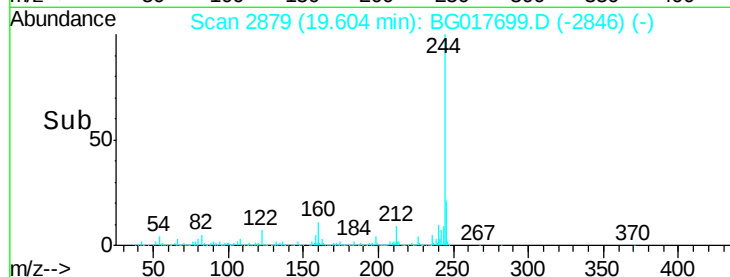
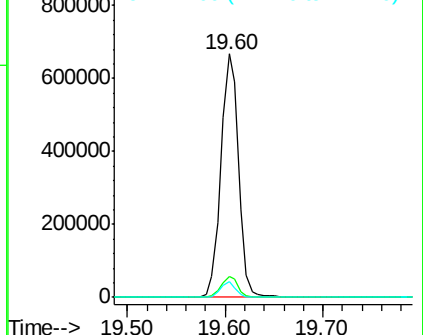
122 6.6 4.6 6.8



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: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG017699.D

Acq: 15 Jun 2015 20:41

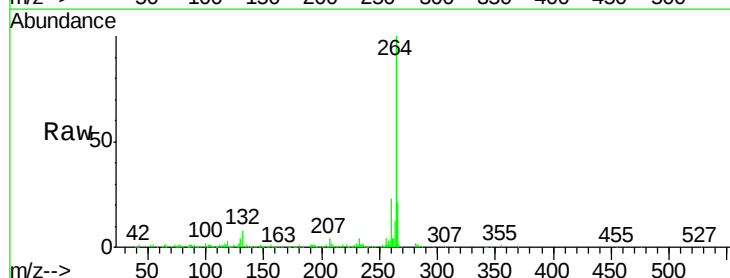
Tgt Ion:264 Resp: 246905

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 20.5 16.2 24.2



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

