

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028815.D
 Acq On : 19 Sep 2017 4:22
 Operator : SJ/JU
 Sample : I5252-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 05:57:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

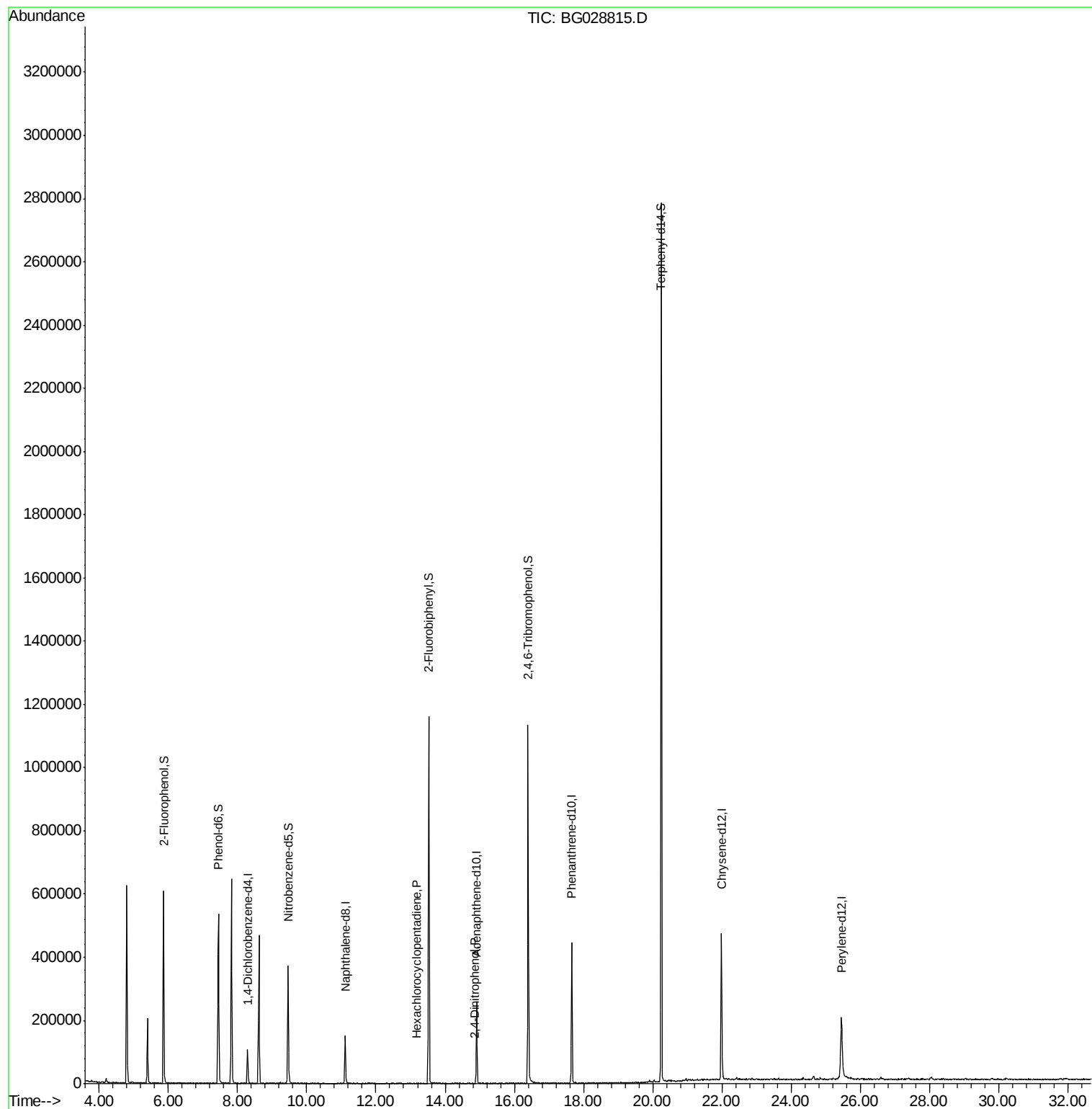
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30950	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	129284	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	95128	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	294462	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	328842	20.00	ng	-0.05
86) Perylene-d12	25.45	264	279497	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	271326	144.65	ng	-0.04
7) Phenol-d6	7.44	99	329965	116.84	ng	-0.05
23) Nitrobenzene-d5	9.46	82	250350	92.63	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	259091	164.67	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	653360	91.58	ng	-0.04
78) Terphenyl-d14	20.24	244	1369222	88.80	ng	-0.04
Target Compounds						
40) Hexachlorocyclopentadiene	13.18	237	80	7.65	ng	# 29
53) 2,4-Dinitrophenol	14.83	184	63	8.06	ng	# 15

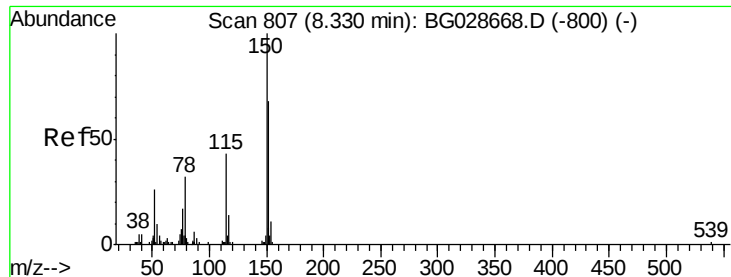
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

Instrument :

BNA_G

ClientSampleId :

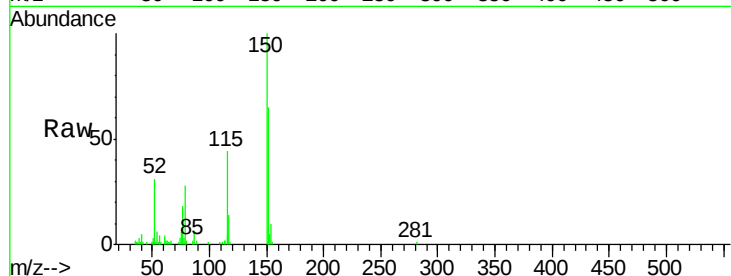
Tot Ion:152 Resp: 30950

Ion Ratio Lower Upper

152 100

150 153.6 114.0 171.0

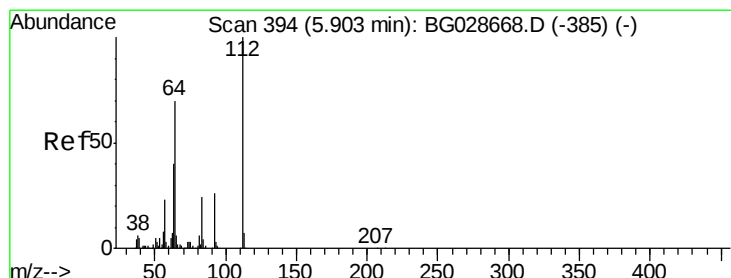
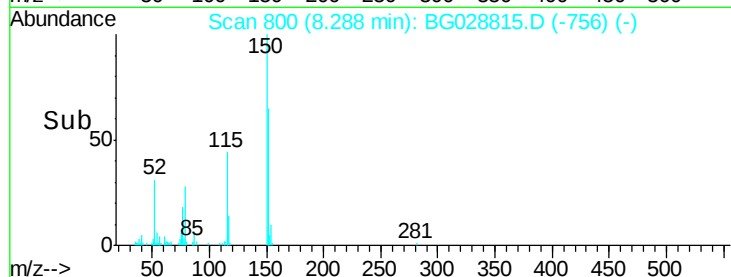
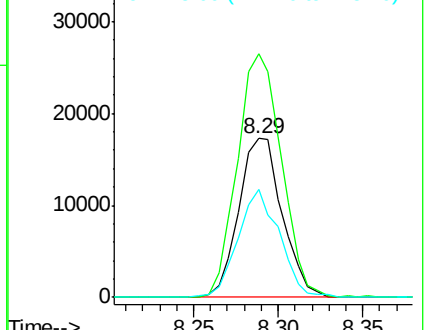
115 67.7 48.1 72.1



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: 144.65 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

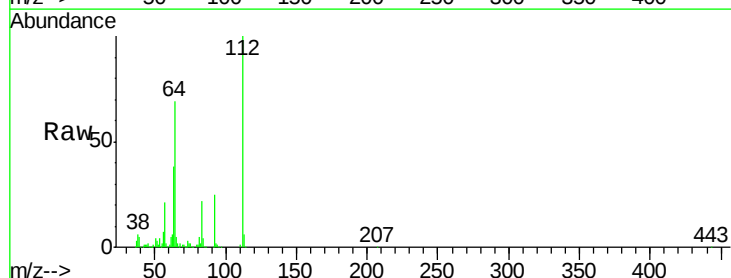
Tgt Ion:112 Resp: 271326

Ion Ratio Lower Upper

112 100

64 69.0 61.8 92.6

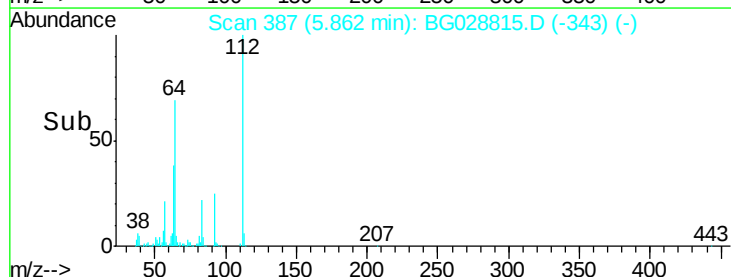
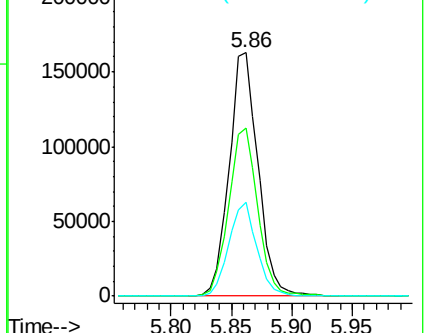
63 38.4 37.2 55.8

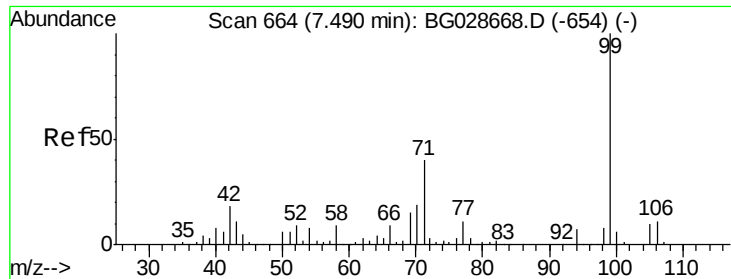


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.84 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

Instrument :

BNA_G

ClientSampled :

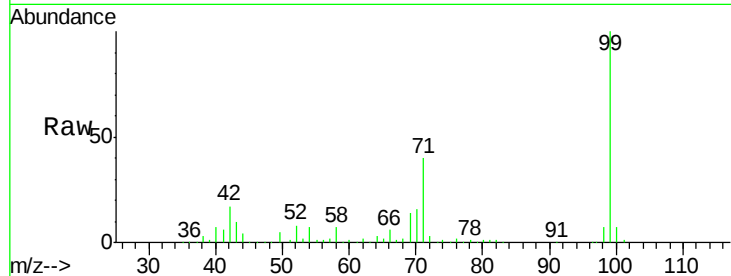
Tot Ion: 99 Resp: 329965

Ion Ratio Lower Upper

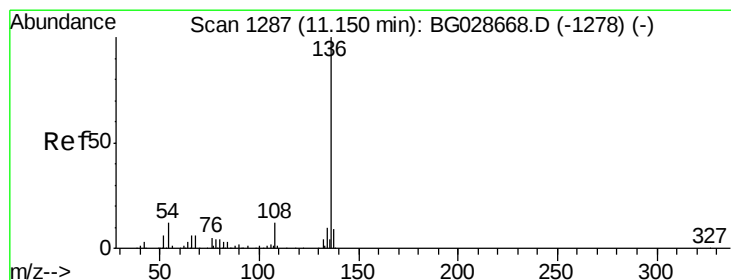
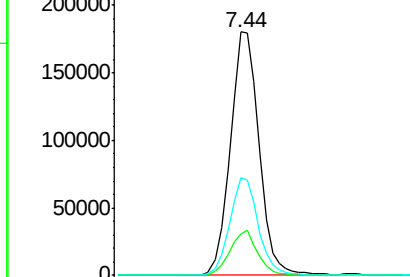
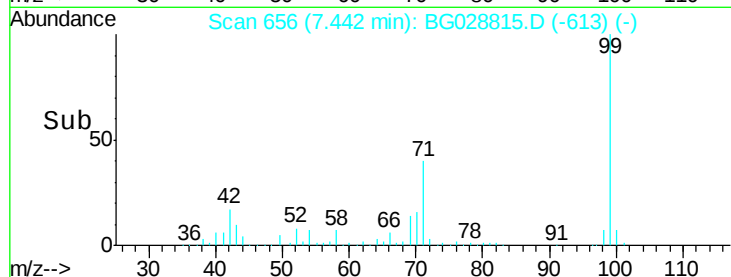
99 100

42 16.9 20.5 30.7#

71 39.9 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

Tgt Ion: 136 Resp: 129284

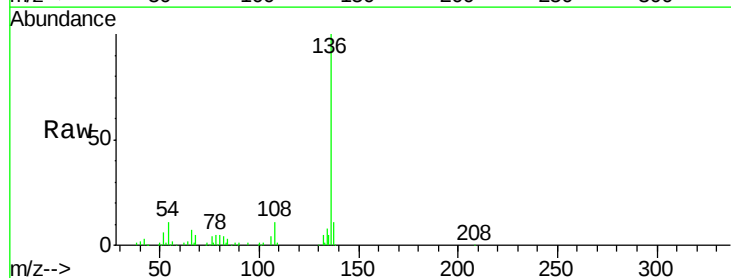
Ion Ratio Lower Upper

136 100

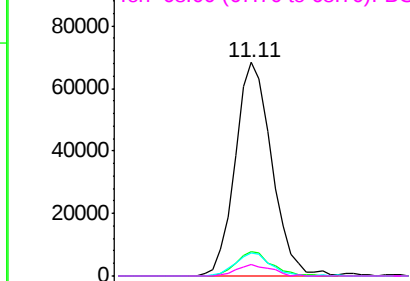
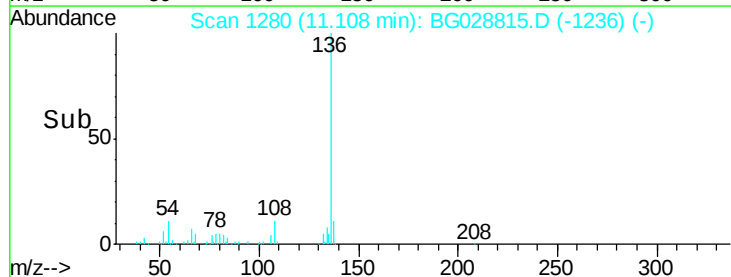
137 11.5 8.9 13.3

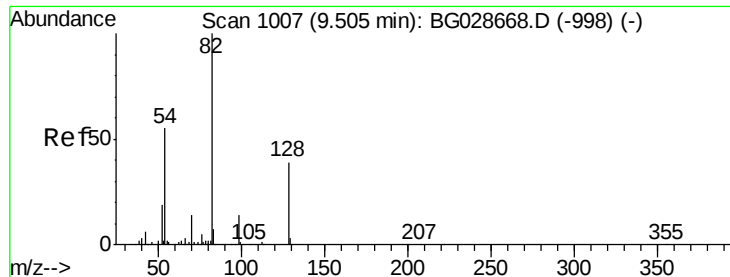
54 11.1 9.3 13.9

68 5.2 5.1 7.7



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

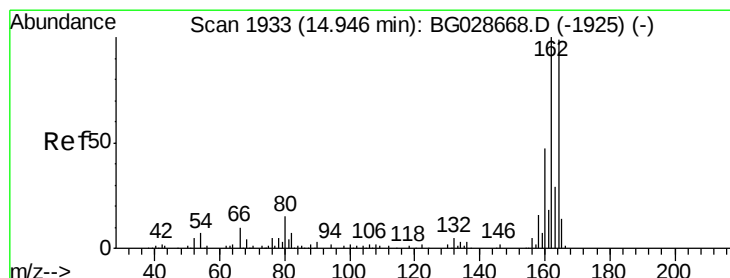
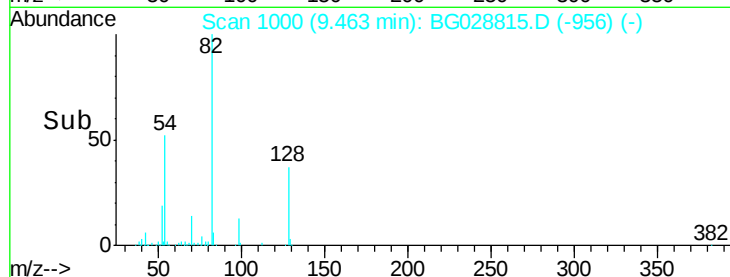
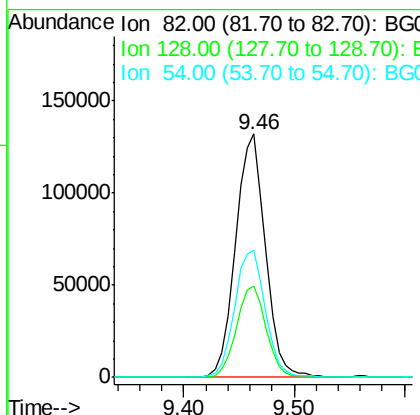
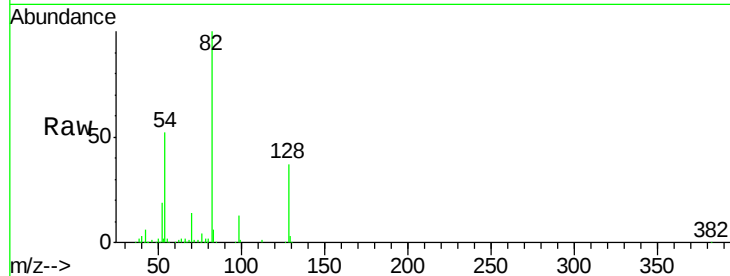




#23
 Nitrobenzene-d5
 Concen: 92.63 ng
 RT: 9.46 min Scan# 1000
 Delta R.T. -0.04 min
 Lab File: BG028815.D
 Acq: 19 Sep 2017 4:22

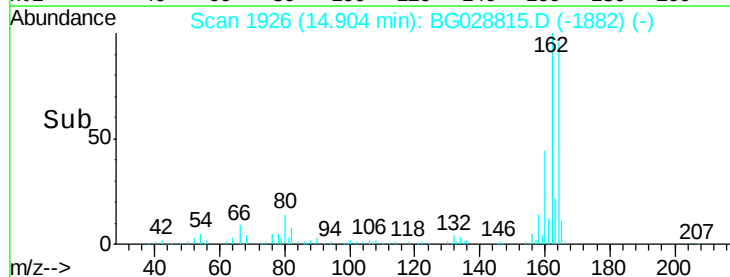
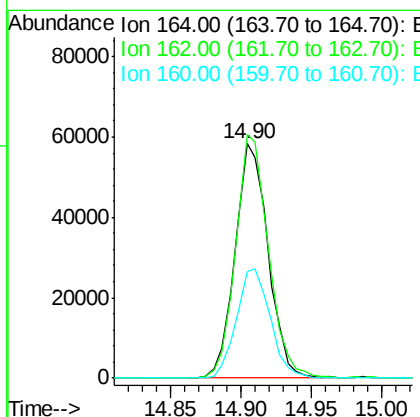
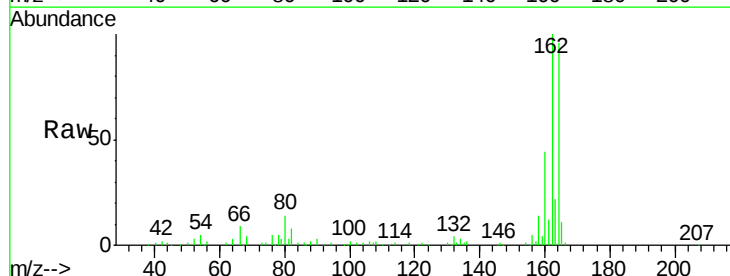
Instrument :
 BNA_G
 ClientSampleId :

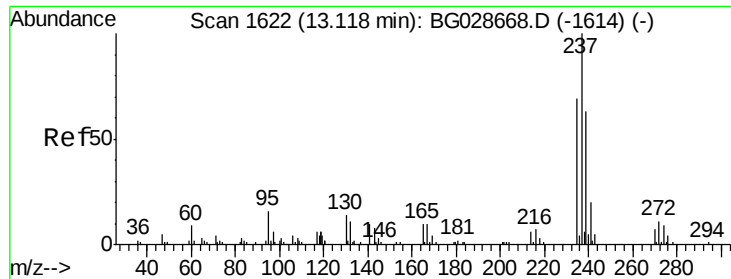
Tot Ion	82	Resp	250350
Ion Ratio	Lower	Upper	
82	100		
128	37.5	26.4	39.6
54	52.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028815.D
 Acq: 19 Sep 2017 4:22

Tgt Ion	164	Resp	95128
Ion Ratio	Lower	Upper	
164	100		
162	103.8	85.1	127.7
160	45.5	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 7.65 ng

RT: 13.18 min Scan# 1633

Delta R.T. 0.06 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

Instrument :

BNA_G

ClientSampleId :

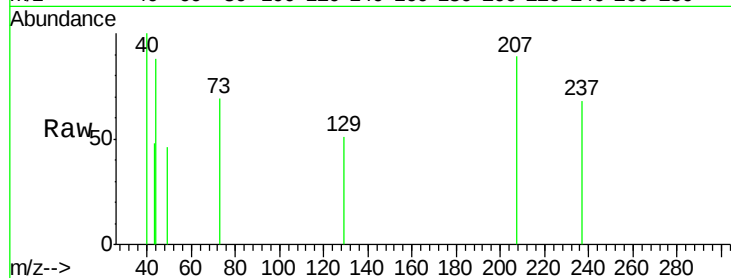
Tot Ion:237 Resp: 80

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

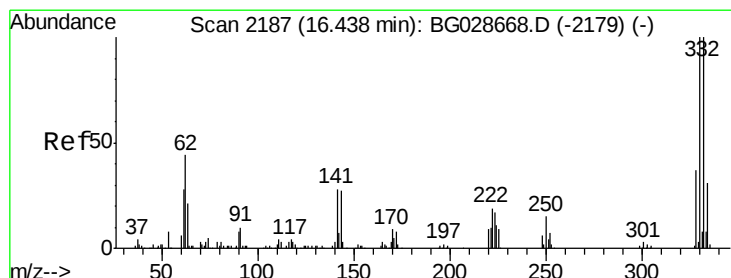
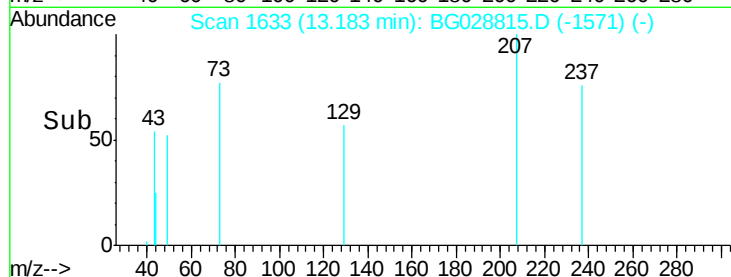
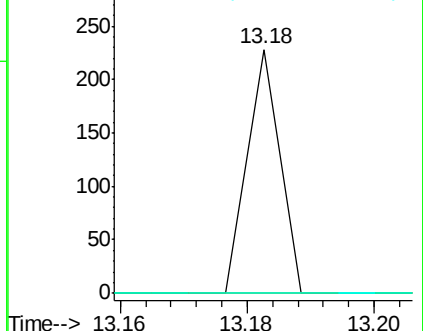
272 0.0 0.0 32.0



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: 164.67 ng

RT: 16.40 min Scan# 2181

Delta R.T. -0.04 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

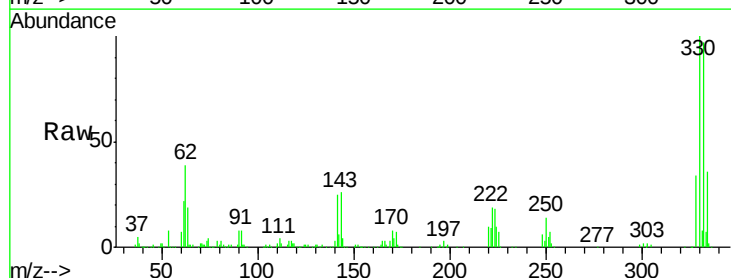
Tgt Ion:330 Resp: 259091

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

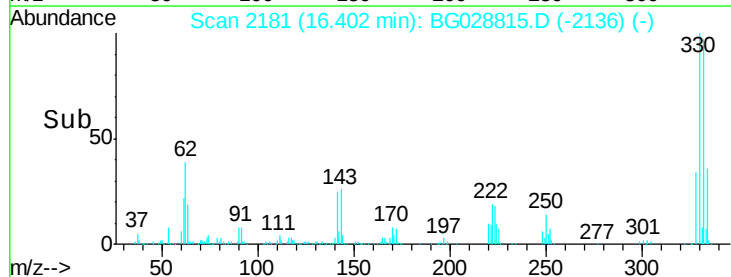
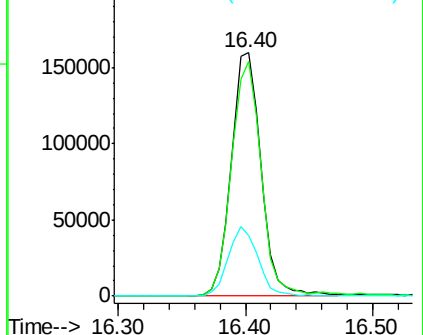
141 28.8 32.1 48.1#

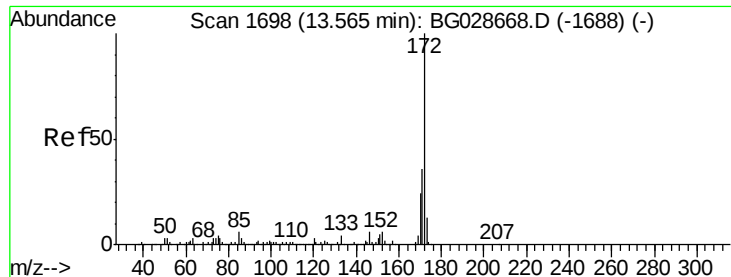


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

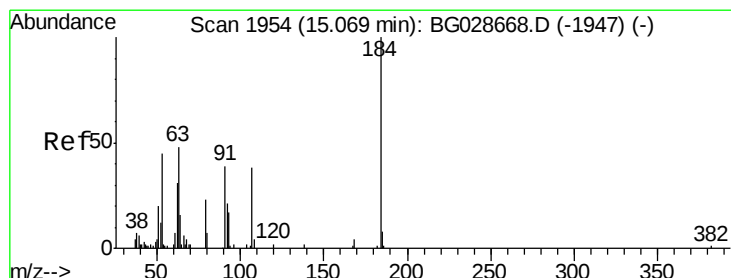
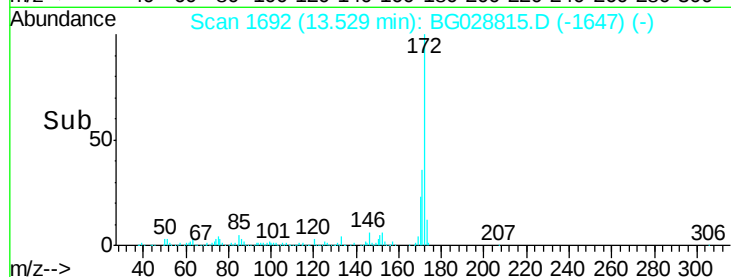
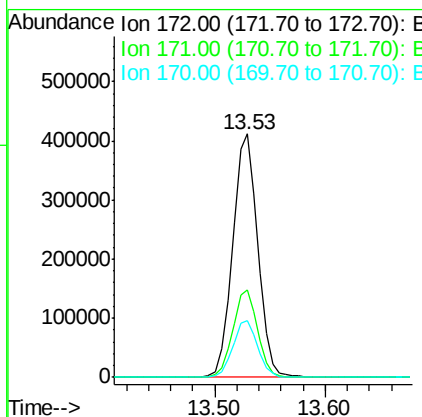
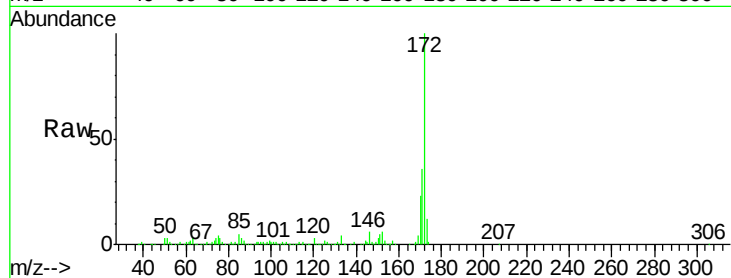




#44
 2-Fluorobiphenyl
 Concen: 91.58 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028815.D
 Acq: 19 Sep 2017 4:22

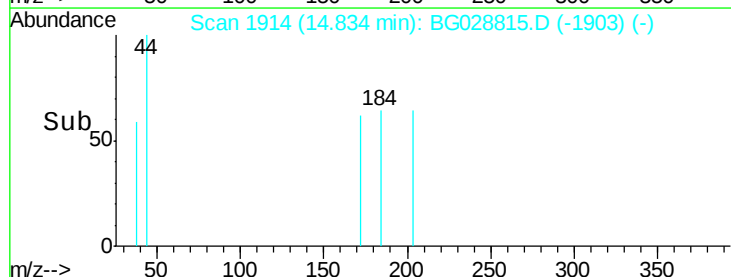
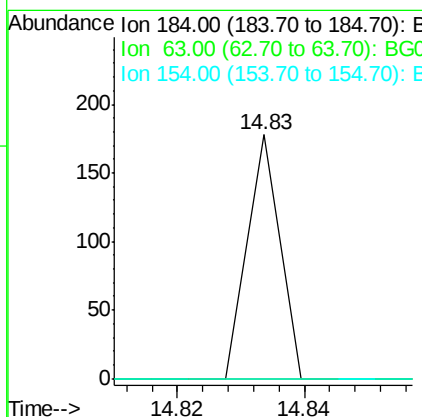
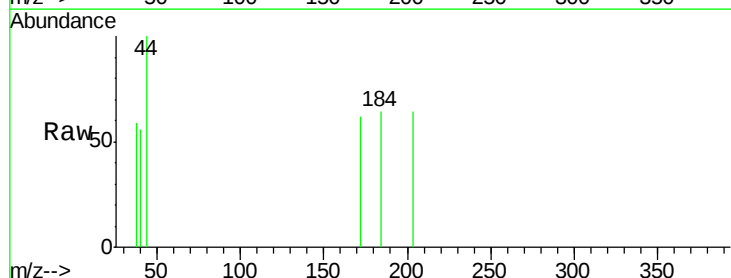
Instrument :
 BNA_G
 ClientSampled :

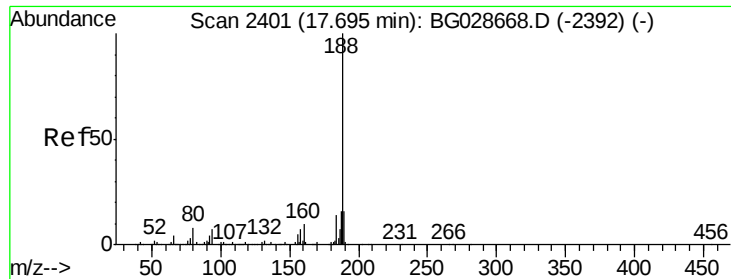
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	32.2	48.2
170	23.1	21.8	32.6



#53
 2,4-Dinitrophenol
 Concen: 8.06 ng
 RT: 14.83 min Scan# 1914
 Delta R.T. -0.24 min
 Lab File: BG028815.D
 Acq: 19 Sep 2017 4:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

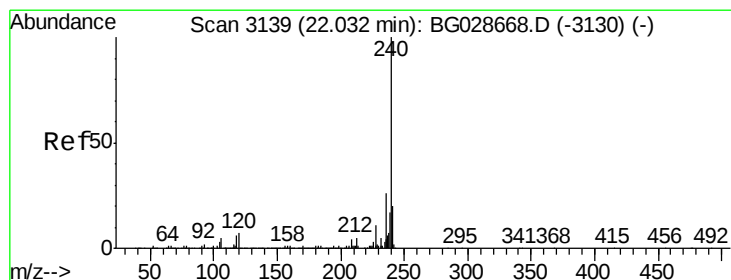
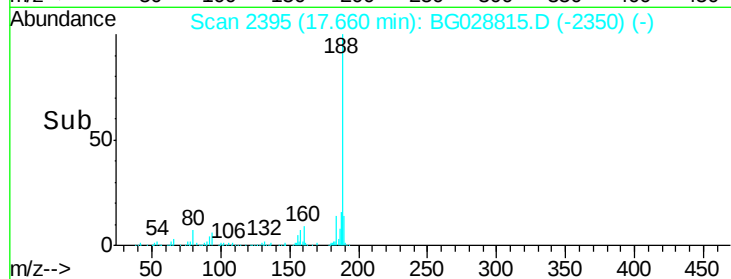
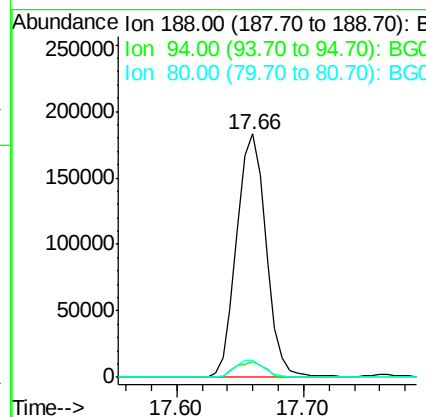
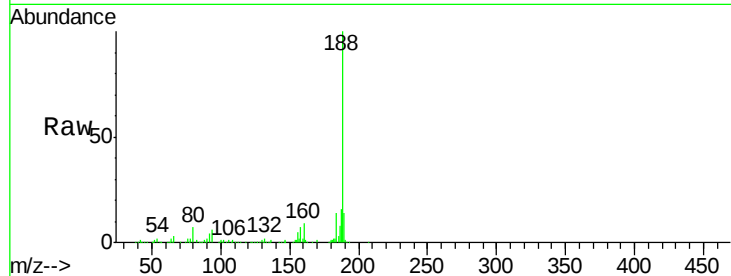




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028815.D
Acq: 19 Sep 2017 4:22

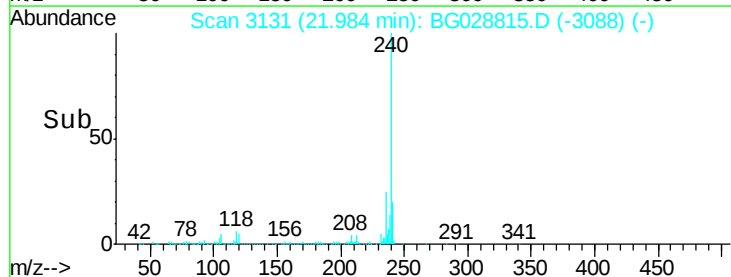
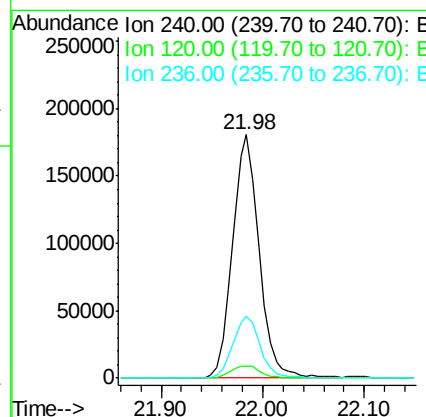
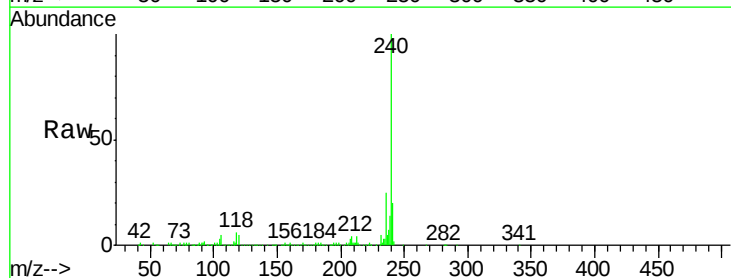
Instrument :
BNA_G
ClientSampleId :

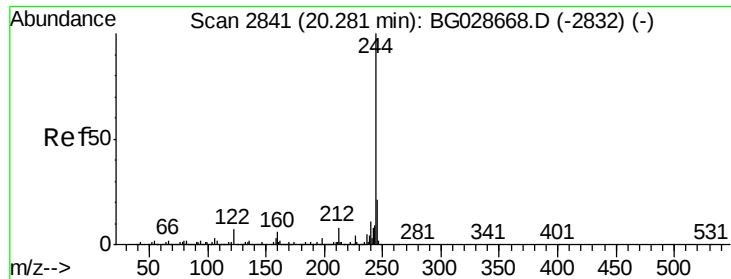
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	7.2	7.5	11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028815.D
Acq: 19 Sep 2017 4:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	25.2	22.2	33.4





#78

Terphenyl-d14

Concen: 88.80 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

Instrument :

BNA_G

ClientSampleId :

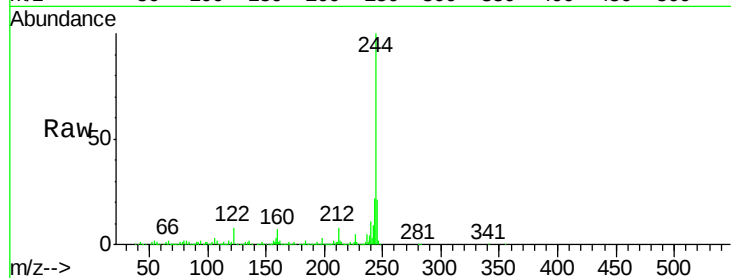
Tot Ion:244 Resp: 1369222

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

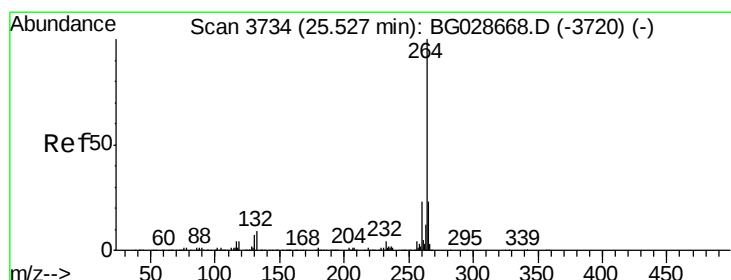
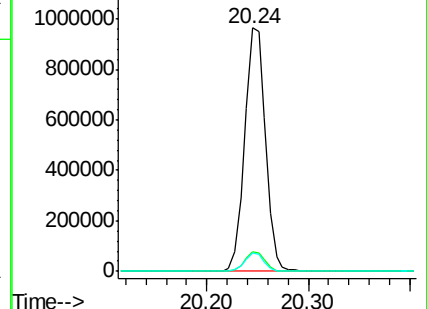
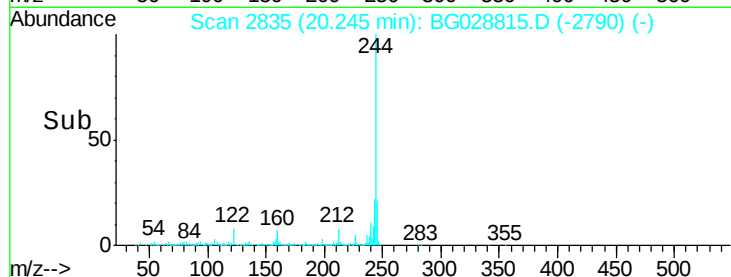
122 7.8 8.6 12.8#



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: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028815.D

Acq: 19 Sep 2017 4:22

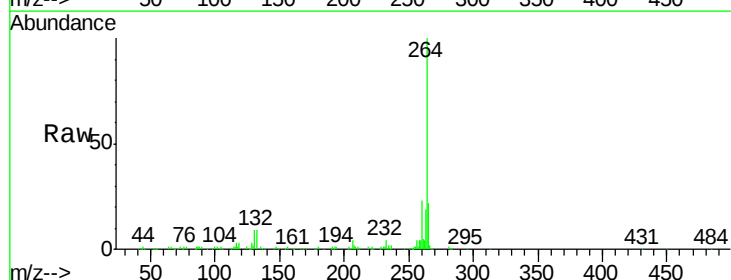
Tgt Ion:264 Resp: 279497

Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

265 21.8 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

