

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028713.D
 Acq On : 14 Sep 2017 2:06
 Operator : SJ/JU
 Sample : PB102225TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:49:37 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

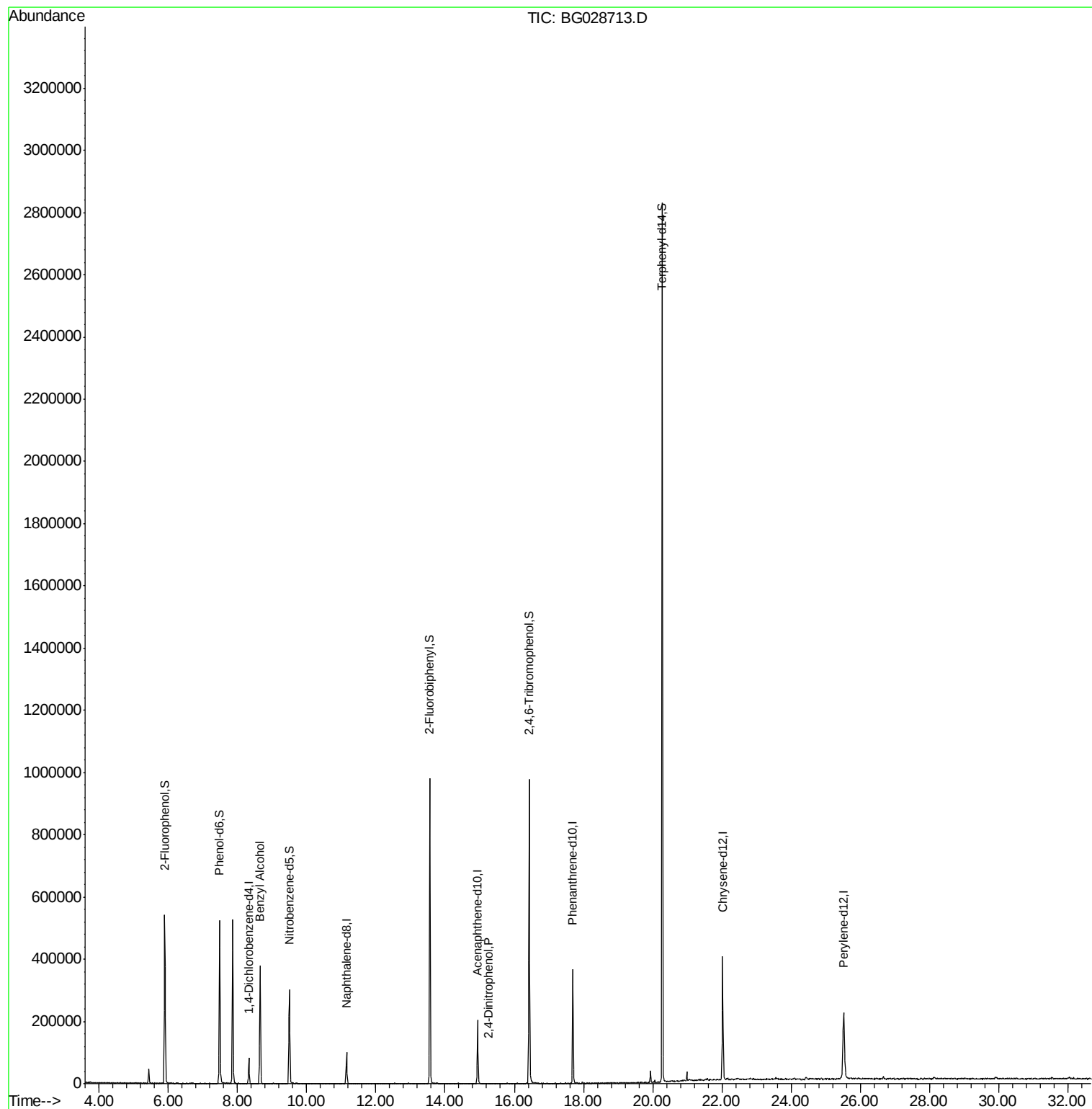
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	22828	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	94316	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	72029	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	245599	20.00	ng	0.00
75) Chrysene-d12	22.02	240	284549	20.00	ng	0.00
86) Perylene-d12	25.52	264	293675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	234852	169.76	ng	0.00
7) Phenol-d6	7.49	99	320911	154.06	ng	0.00
23) Nitrobenzene-d5	9.50	82	193483	98.14	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	227669	191.11	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	541806	100.30	ng	0.00
78) Terphenyl-d14	20.28	244	1295532	97.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.66	79	3615	2.223	ng	# 32
53) 2,4-Dinitrophenol	15.27	184	64	8.083	ng	# 15

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

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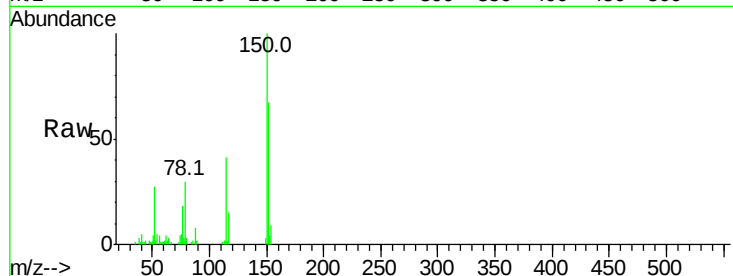


#1

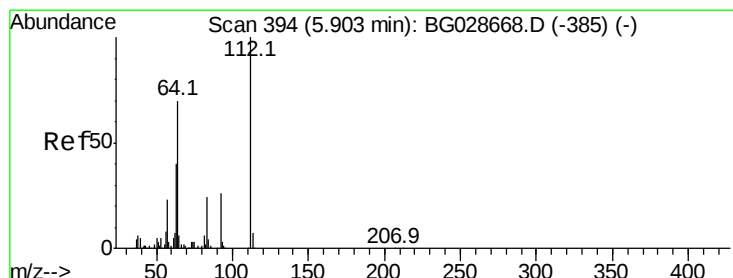
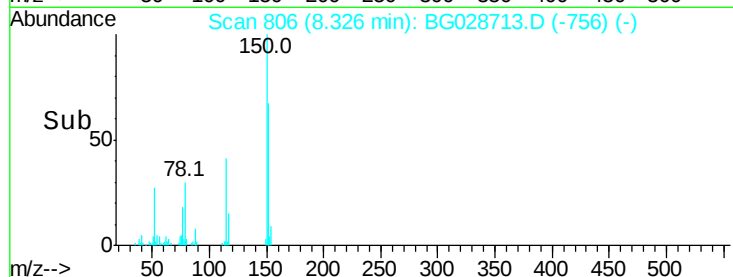
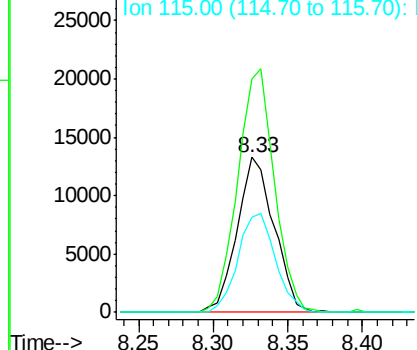
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 22828
Ion Ratio Lower Upper
152 100
150 150.3 114.0 171.0
115 61.1 48.1 72.1



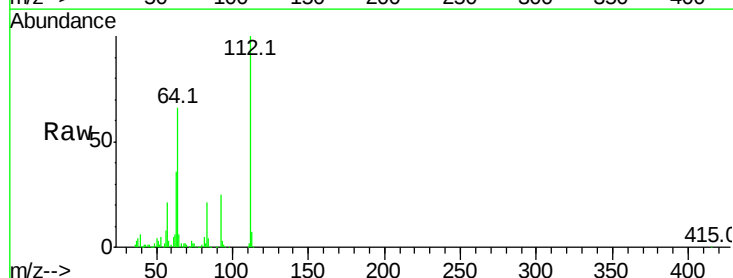
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



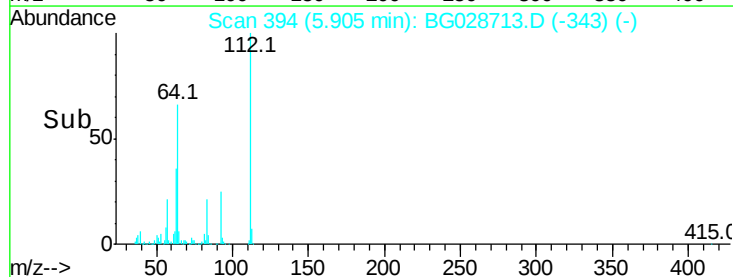
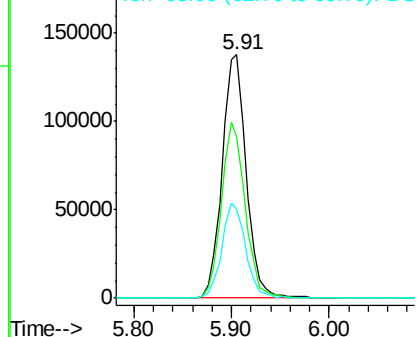
#5

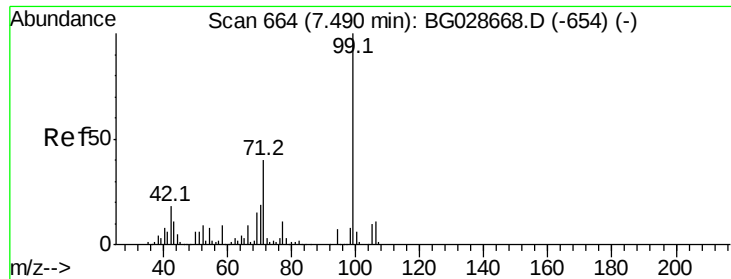
2-Fluorophenol
Concen: 169.755 ng
RT: 5.91 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

Tgt Ion:112 Resp: 234852
Ion Ratio Lower Upper
112 100
64 66.2 61.8 92.6
63 36.2 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: 154.063 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

Instrument :

BNA_G

ClientSampled :

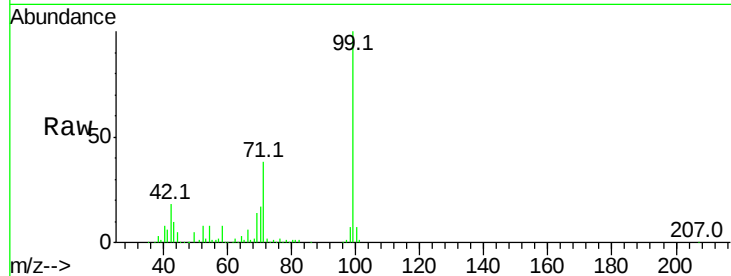
Tot Ion: 99 Resp: 320911

Ion Ratio Lower Upper

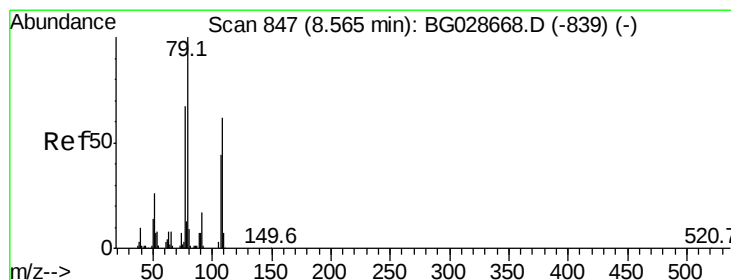
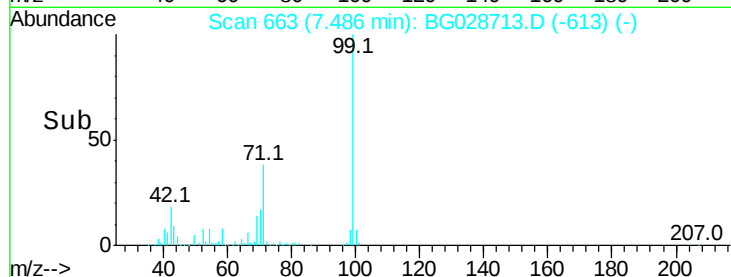
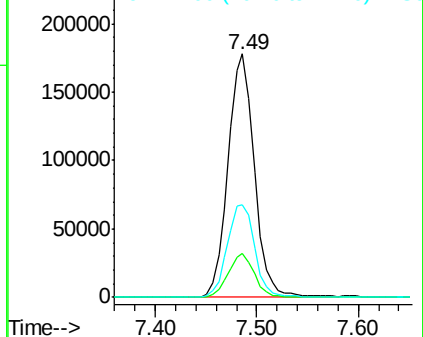
99 100

42 18.2 20.5 30.7#

71 37.9 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



#15

Benzyl Alcohol

Concen: 2.223 ng

RT: 8.66 min Scan# 862

Delta R.T. 0.09 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

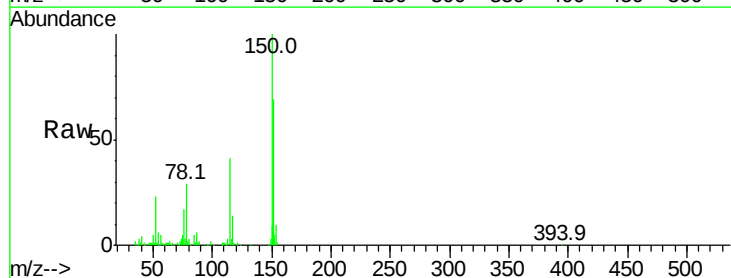
Tgt Ion: 79 Resp: 3615

Ion Ratio Lower Upper

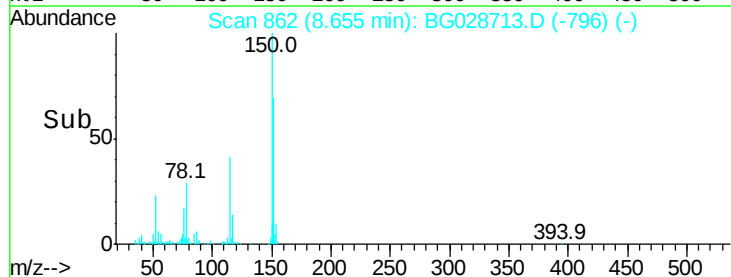
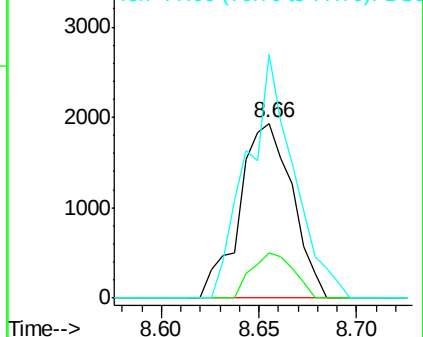
79 100

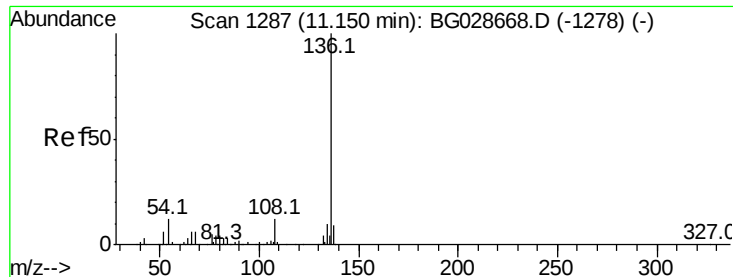
108 25.7 45.5 68.3#

77 139.4 54.3 81.5#



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

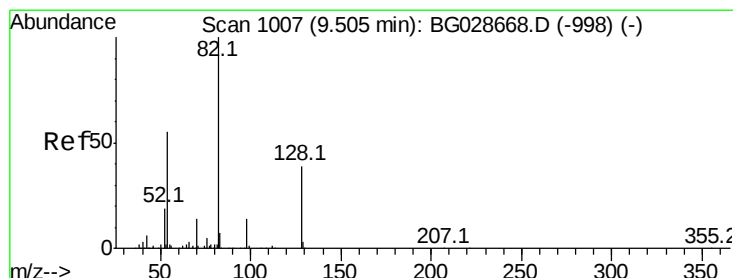
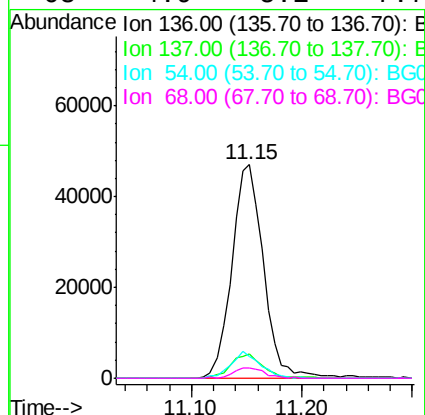
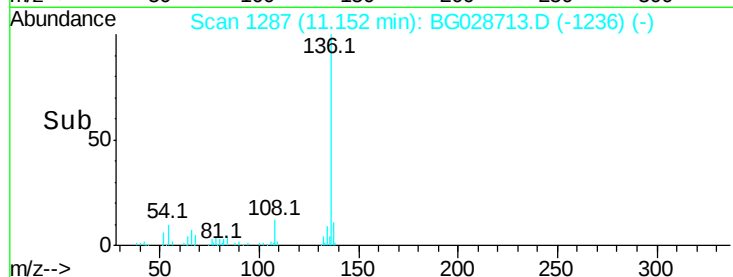
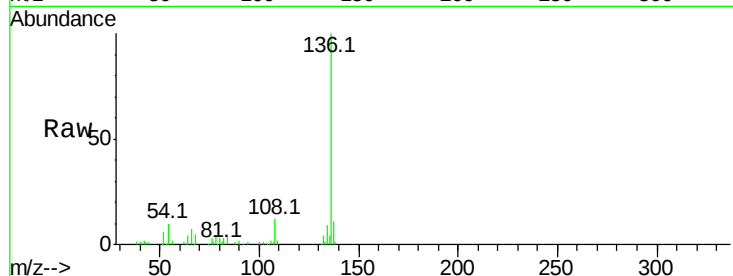




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

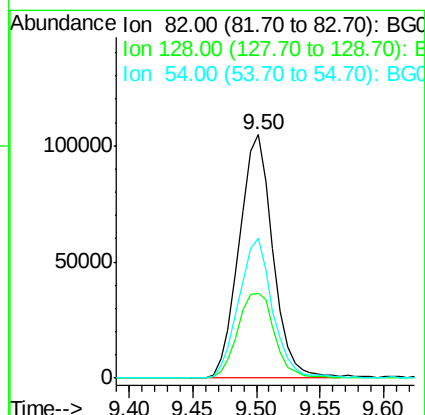
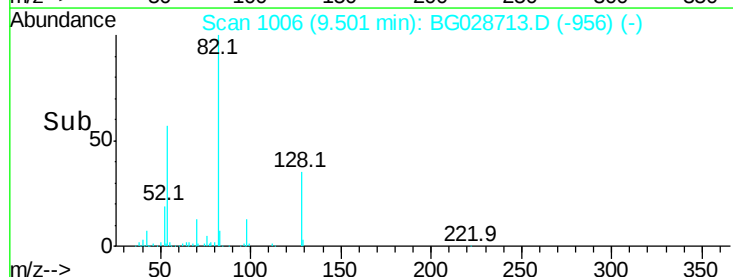
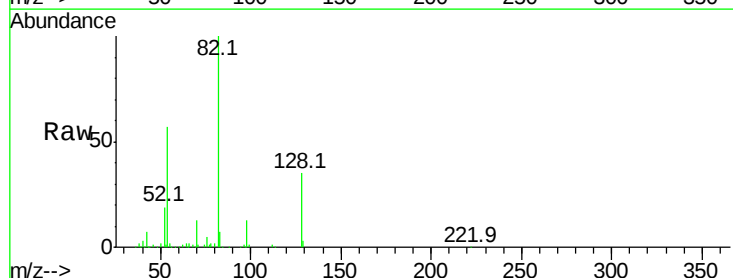
Instrument :
BNA_G
ClientSampleId :

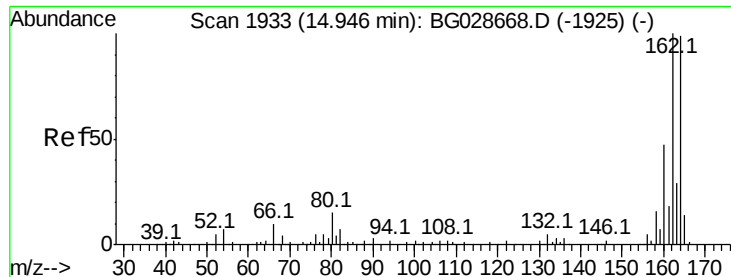
Tot Ion:136	Resp:	94316
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	10.0	9.3 13.9
68	4.9	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 98.135 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

Tgt Ion: 82	Resp:	193483
Ion	Ratio	Lower Upper
82	100	
128	34.8	26.4 39.6
54	57.3	49.4 74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

Instrument :

BNA_G

ClientSampleId :

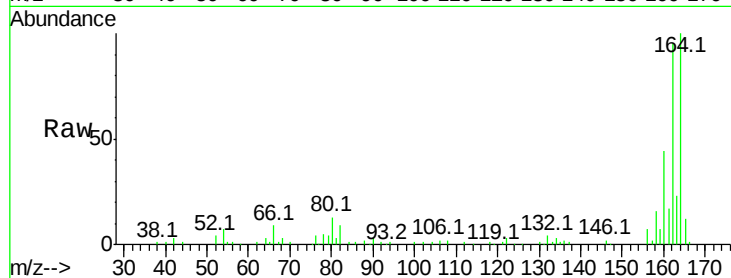
Tot Ion:164 Resp: 72029

Ion Ratio Lower Upper

164 100

162 95.4 85.1 127.7

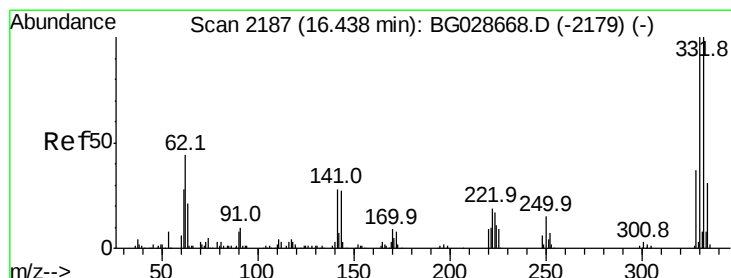
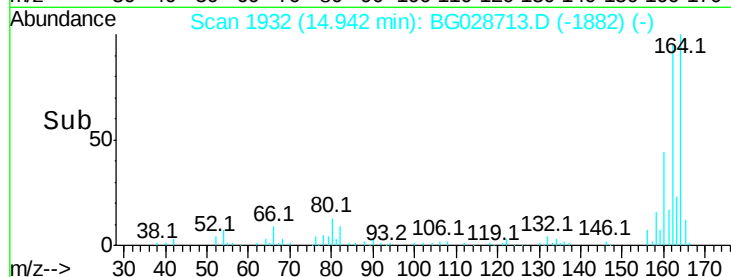
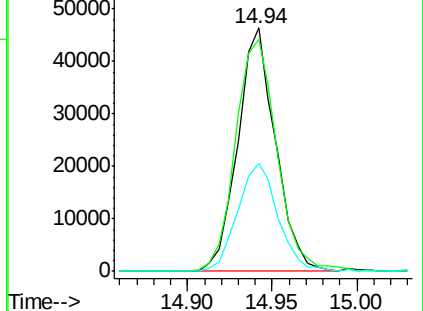
160 44.1 34.7 52.1



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: 191.107 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

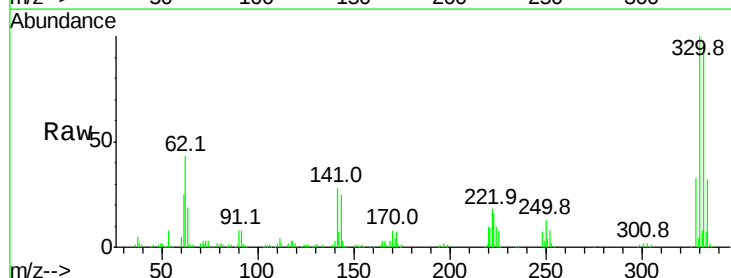
Tgt Ion:330 Resp: 227669

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

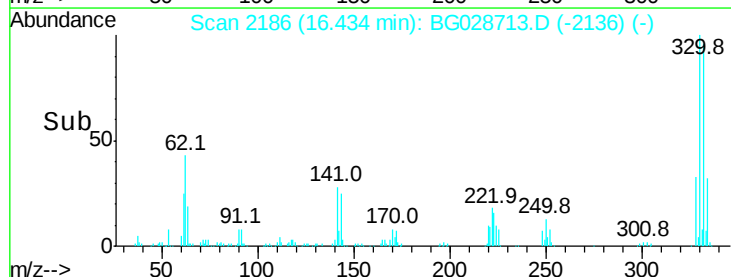
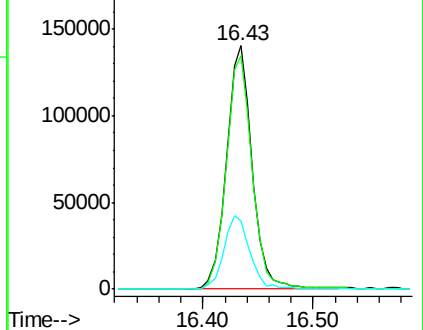
141 30.8 32.1 48.1#

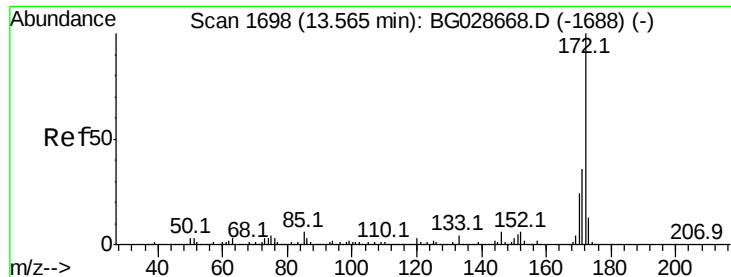


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

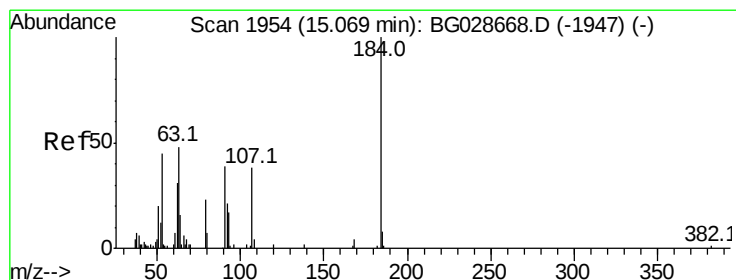
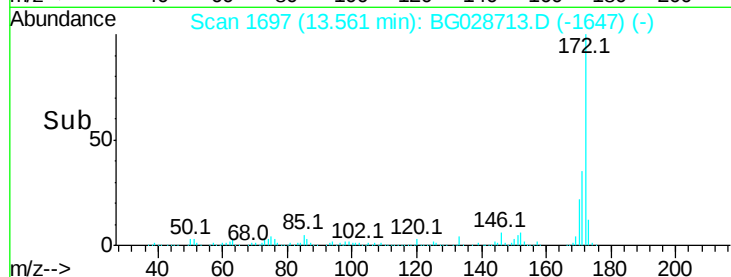
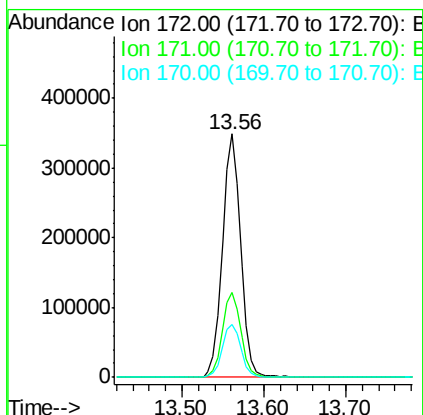
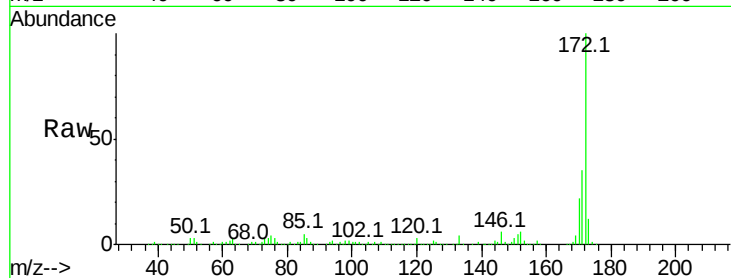




#44
2-Fluorobiphenyl
Concen: 100.301 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

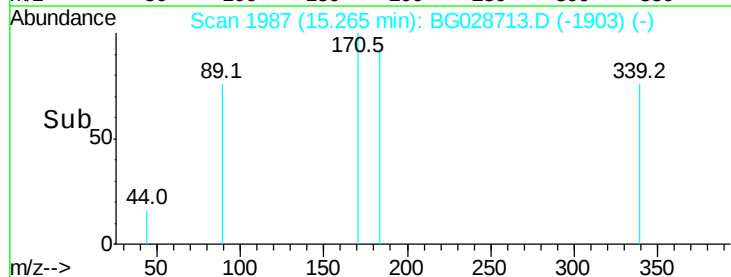
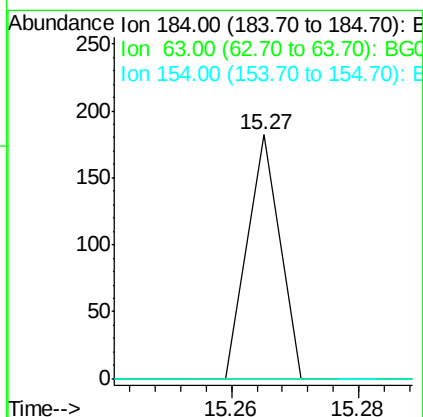
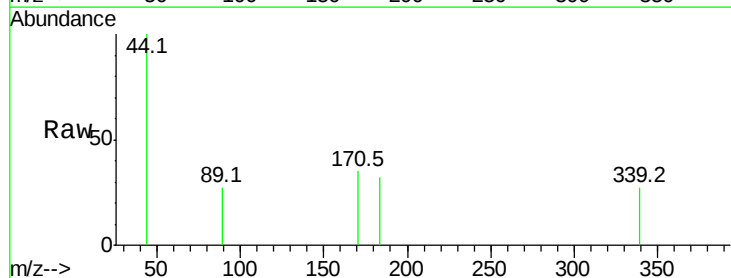
Instrument :
BNA_G
ClientSampleId :

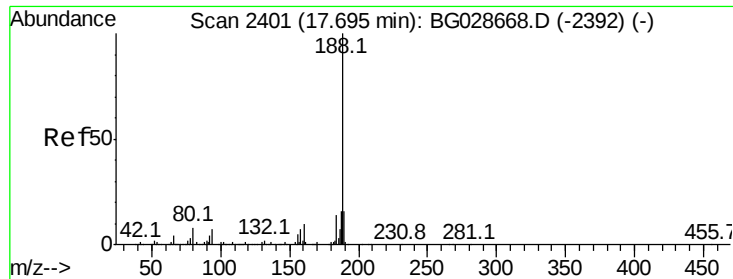
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	21.6	21.8	32.6



#53
2,4-Dinitrophenol
Concen: 8.083 ng
RT: 15.27 min Scan# 1987
Delta R.T. 0.20 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

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

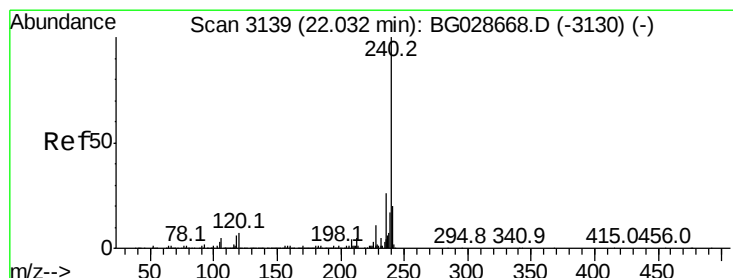
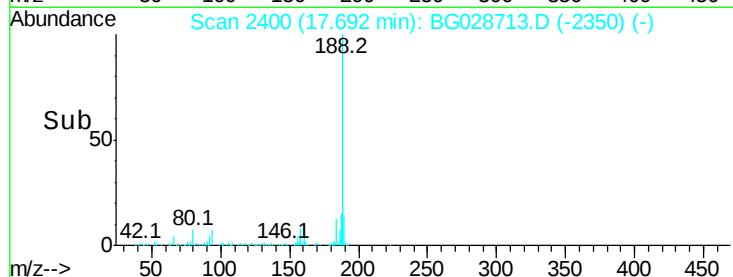
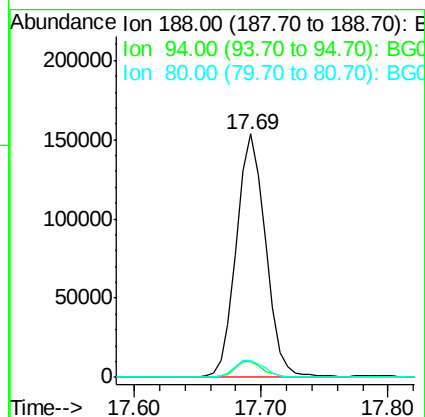
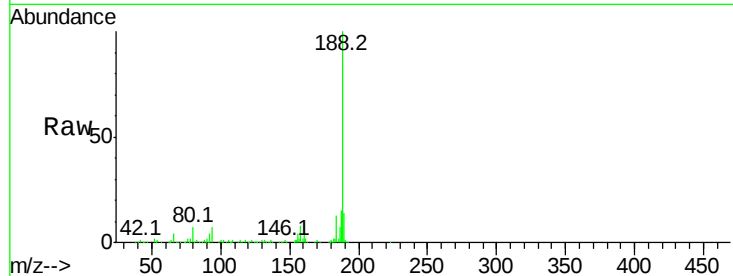




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

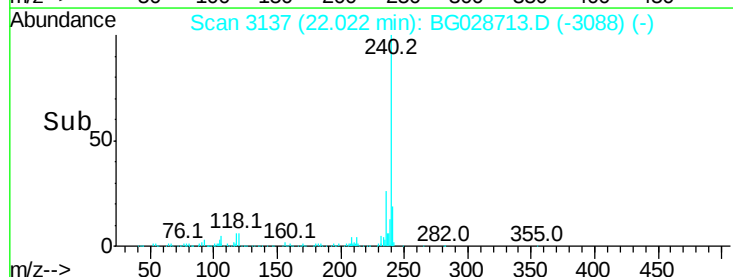
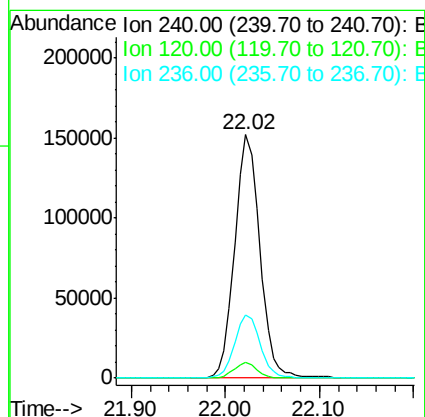
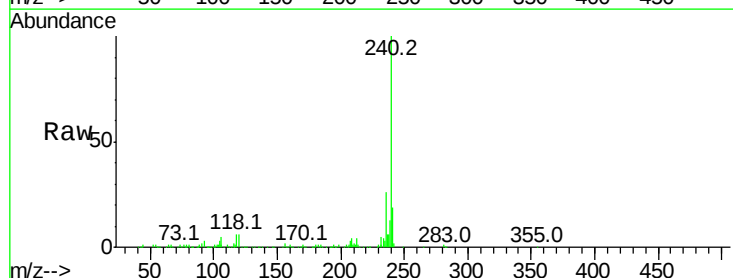
Instrument :
BNA_G
ClientSampleId :

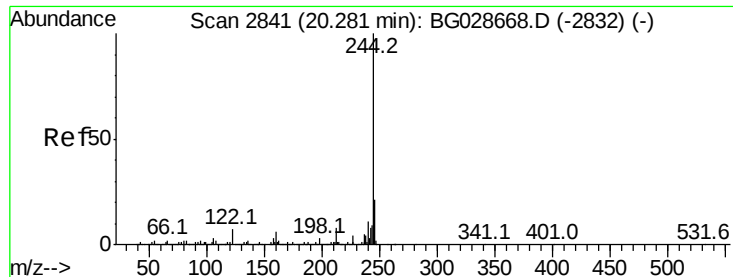
Tot Ion:188 Resp: 245599
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 7.0 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG028713.D
Acq: 14 Sep 2017 2:06

Tgt Ion:240 Resp: 284549
Ion Ratio Lower Upper
240 100
120 6.4 5.7 8.5
236 26.0 22.2 33.4





#78

Terphenyl-d14

Concen: 97.094 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

Instrument :

BNA_G

ClientSampleId :

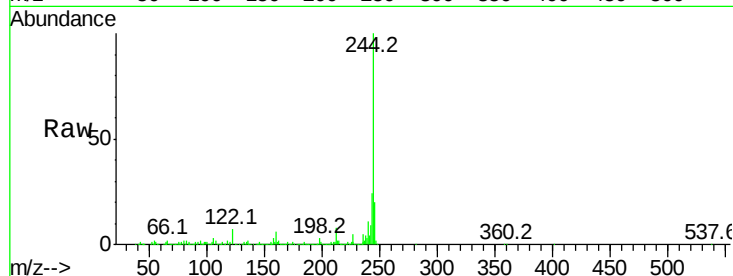
Tot Ion:244 Resp: 1295532

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

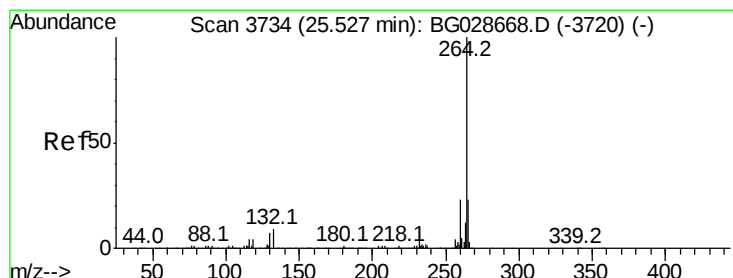
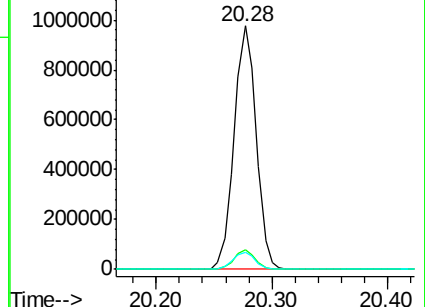
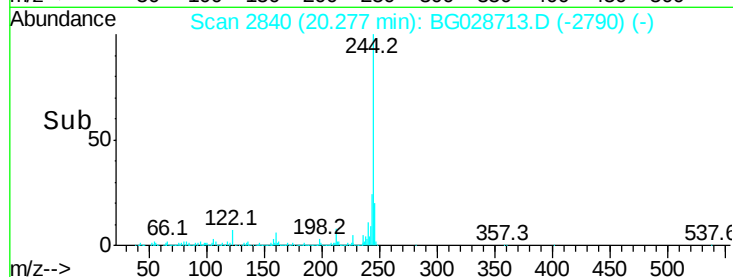
122 7.2 8.6 12.8#



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: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG028713.D

Acq: 14 Sep 2017 2:06

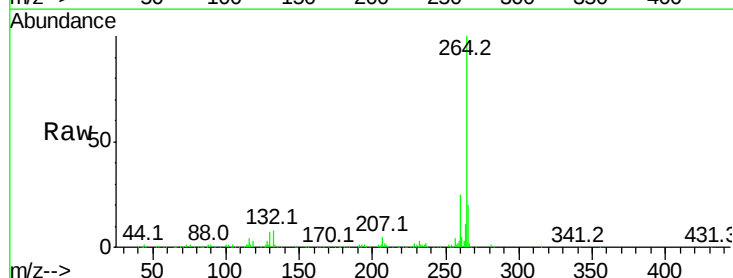
Tgt Ion:264 Resp: 293675

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

265 20.2 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

