

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028803.D
 Acq On : 18 Sep 2017 20:19
 Operator : SJ/JU
 Sample : I5259-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 01:12:12 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

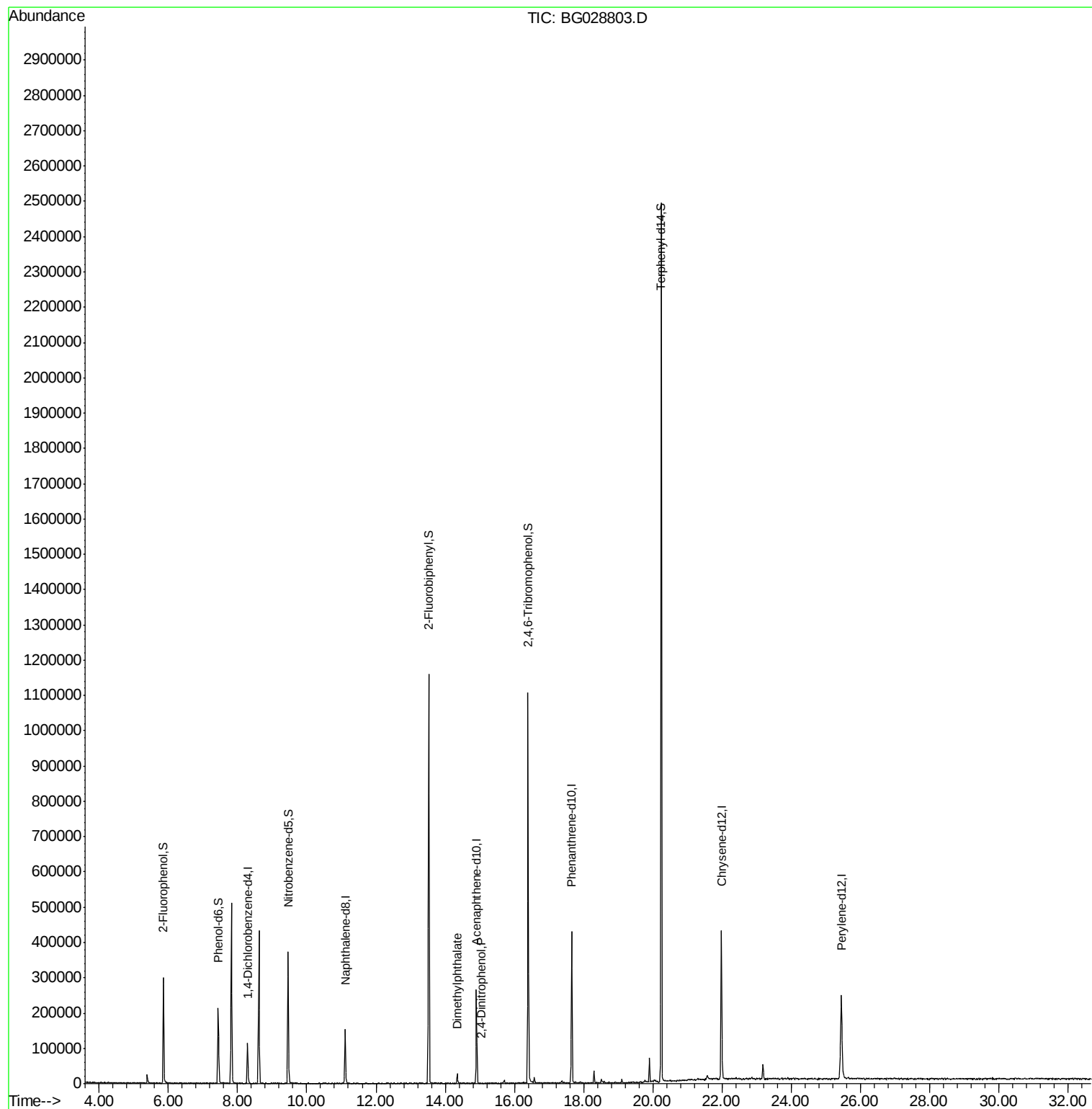
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32006	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	132590	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	97237	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	277475	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	304596	20.00	ng	-0.05
86) Perylene-d12	25.45	264	311354	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	130143	67.09	ng	-0.05
7) Phenol-d6	7.44	99	133244	45.62	ng	-0.05
23) Nitrobenzene-d5	9.46	82	243007	87.67	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	246095	153.02	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	650874	89.26	ng	-0.04
78) Terphenyl-d14	20.24	244	1203092	84.23	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.35	163	19818	2.43	ng	# 98
53) 2,4-Dinitrophenol	15.03	184	54	8.05	ng	# 15

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

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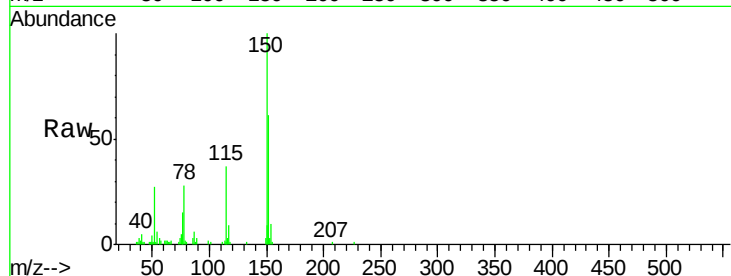


#1

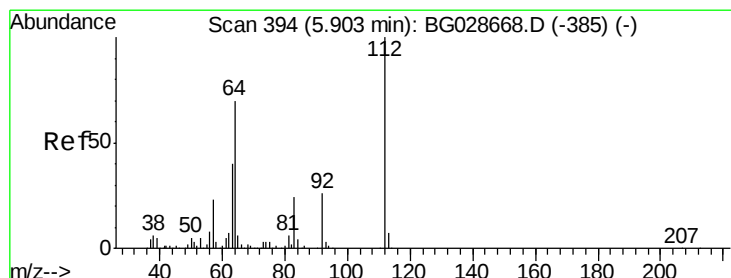
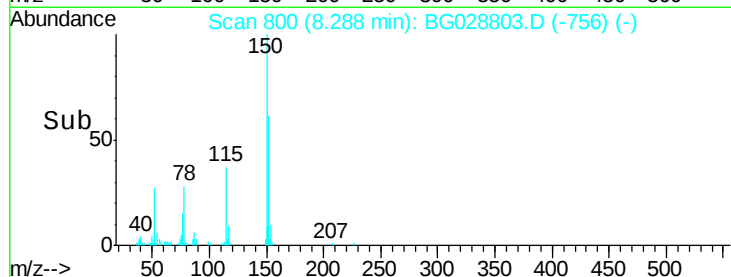
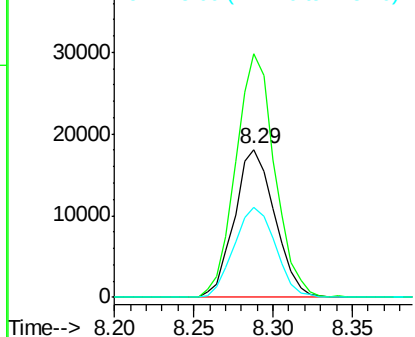
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	114.0	171.0
115	61.2	48.1	72.1



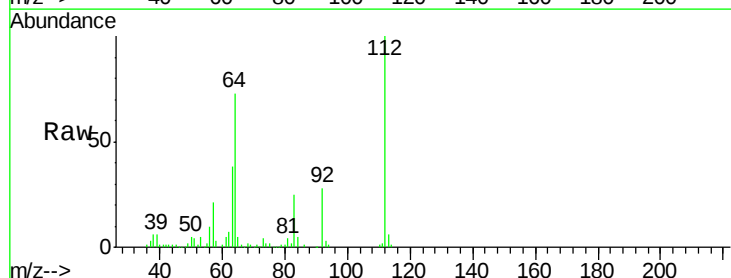
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



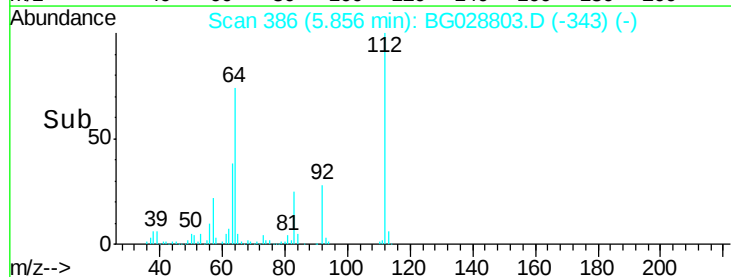
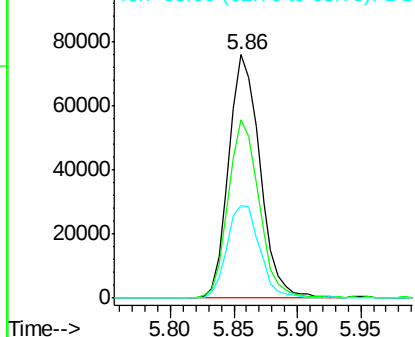
#5

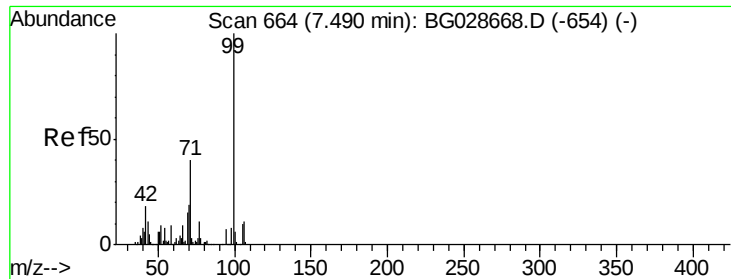
2-Fluorophenol
Concen: 67.09 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	61.8	92.6
63	38.0	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 45.62 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

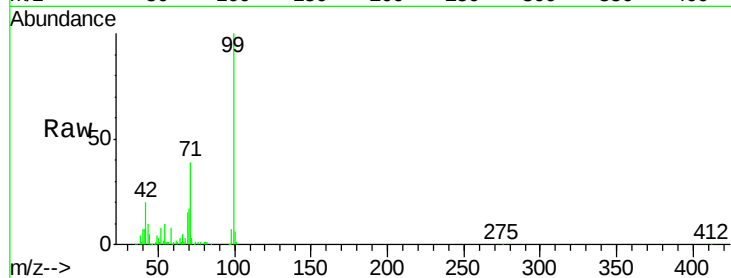
Instrument :

BNA_G

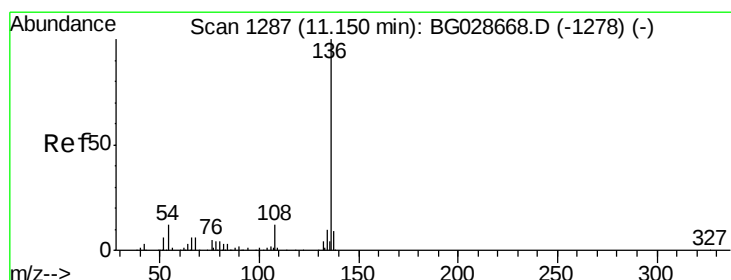
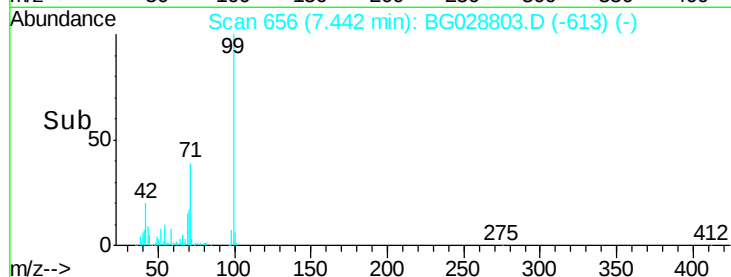
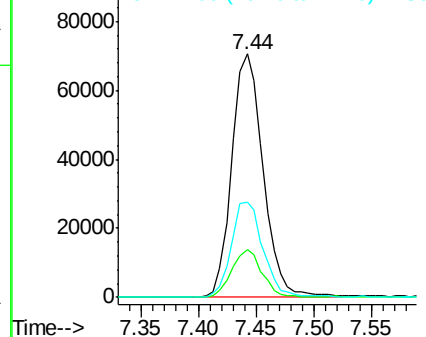
ClientSampled :

Tot Ion: 99 Resp: 133244

Ion	Ratio	Lower	Upper
99	100		
42	19.7	20.5	30.7#
71	39.2	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

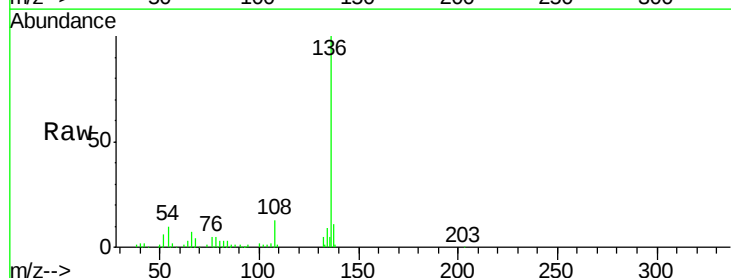
Delta R.T. -0.04 min

Lab File: BG028803.D

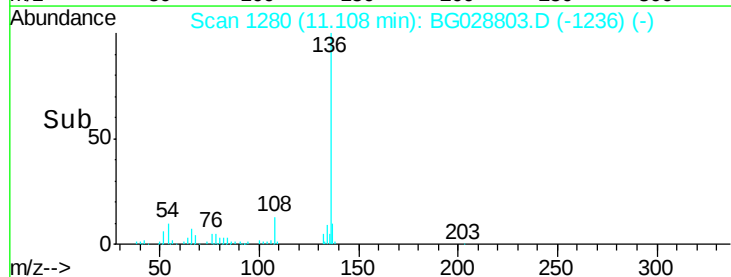
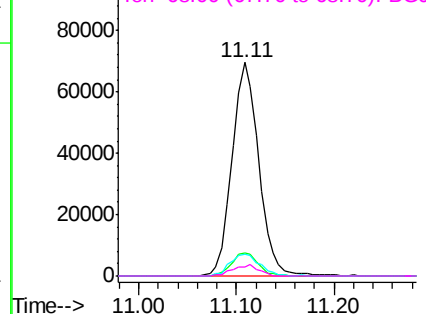
Acq: 18 Sep 2017 20:19

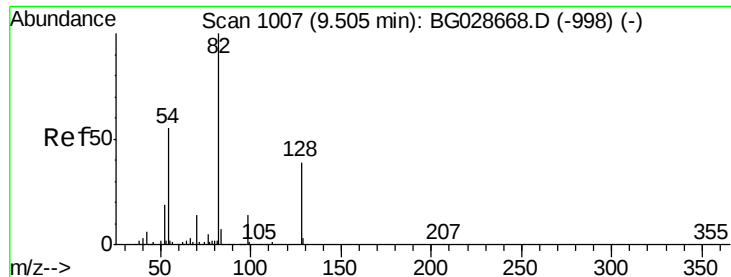
Tgt Ion: 136 Resp: 132590

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.3	9.3	13.9
68	4.5	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

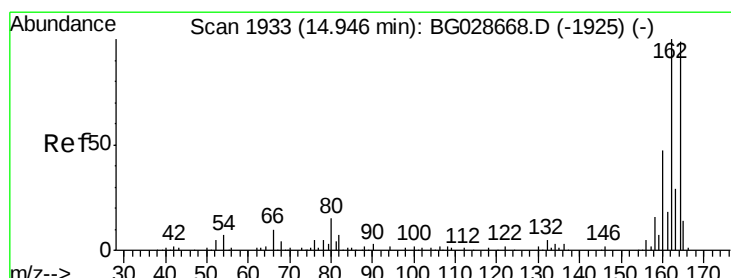
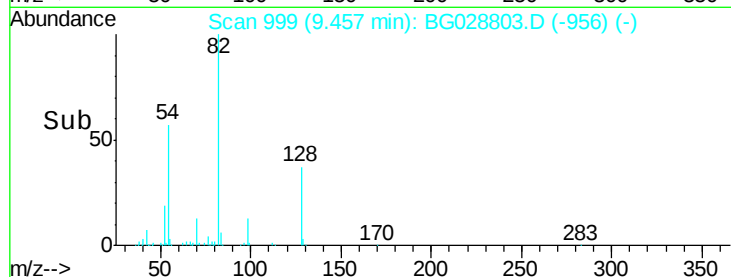
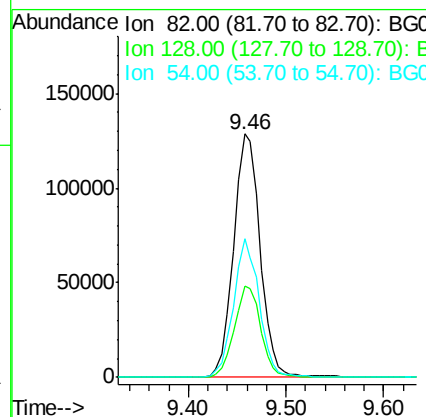
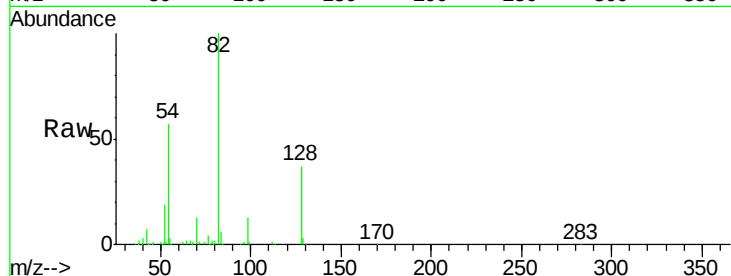




#23
Nitrobenzene-d5
Concen: 87.67 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

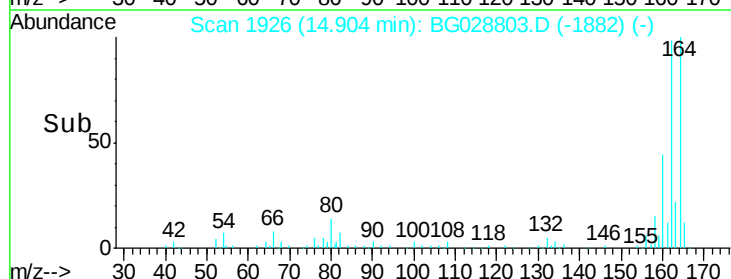
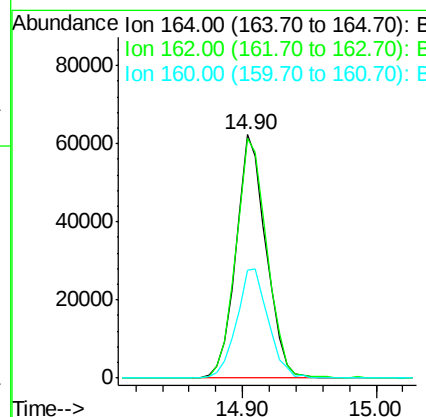
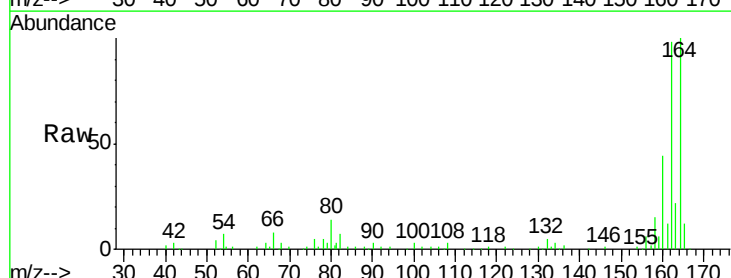
Instrument :
BNA_G
ClientSampleId :

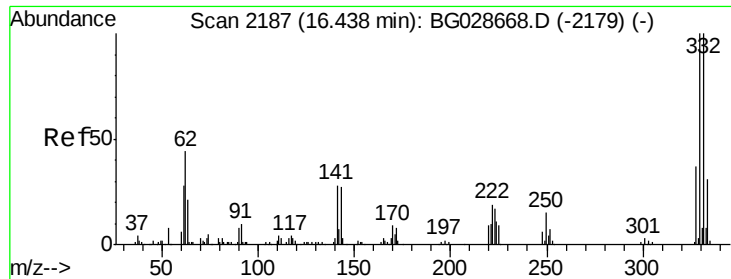
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	57.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	85.1	127.7
160	44.3	34.7	52.1

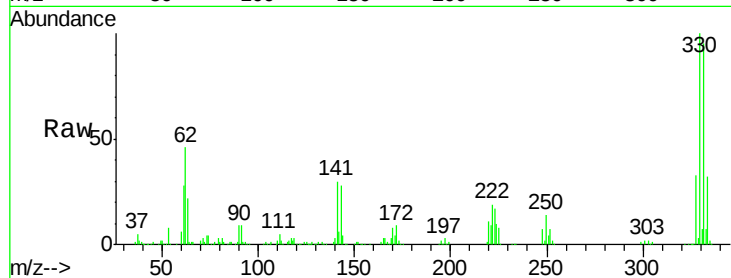




#41
 2,4,6-Tribromophenol
 Concen: 153.02 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028803.D
 Acq: 18 Sep 2017 20:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	29.4	32.1	48.1

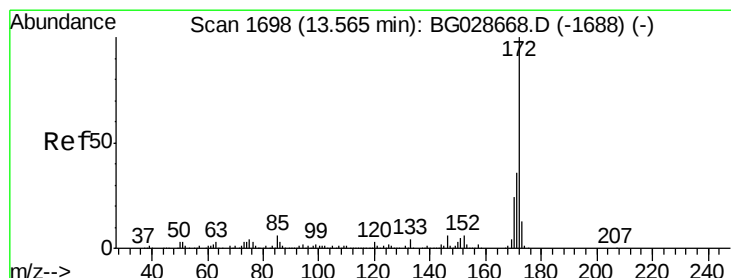
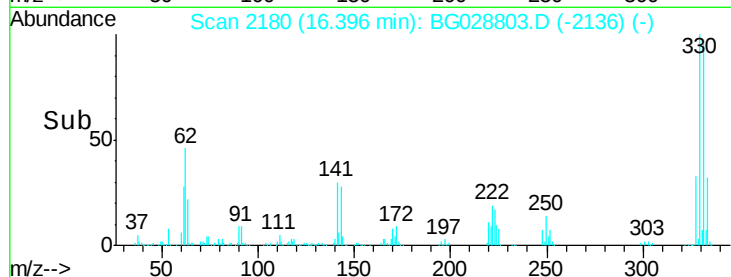
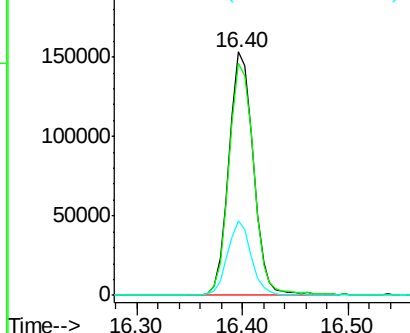


Abundance

Ion 329.80 (329.50 to 330.50): E

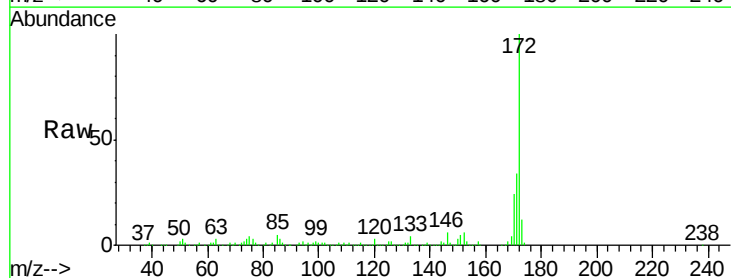
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.26 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028803.D
 Acq: 18 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	32.2	48.2
170	23.7	21.8	32.6

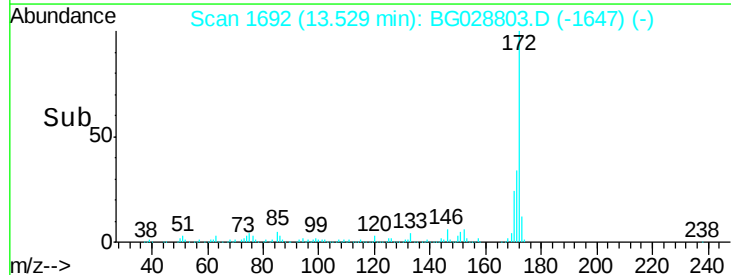
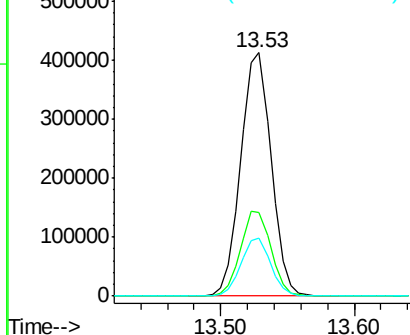


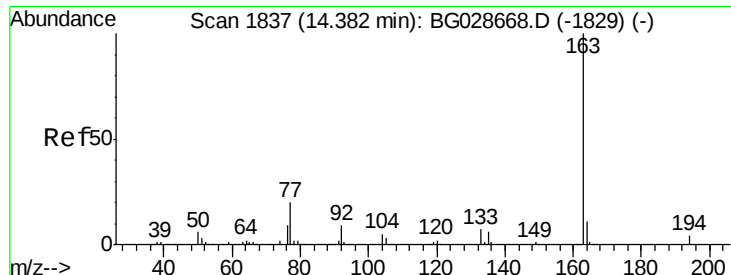
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.43 ng

RT: 14.35 min Scan# 1832

Delta R.T. -0.03 min

Lab File: BG028803.D

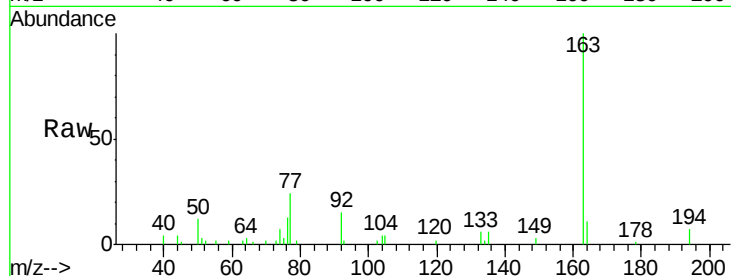
Acq: 18 Sep 2017 20:19

Instrument :

BNA_G

ClientSampled :

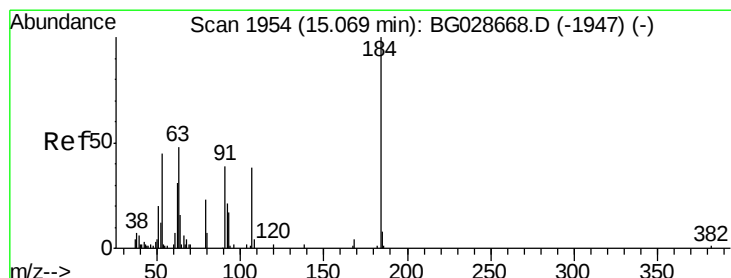
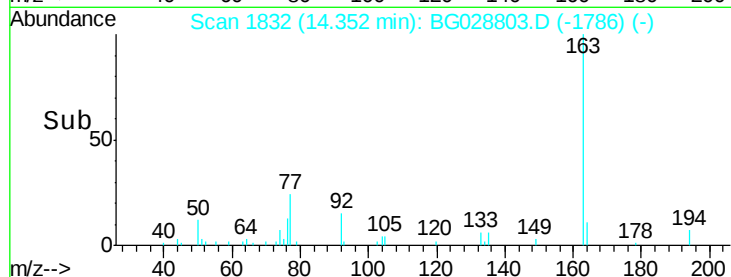
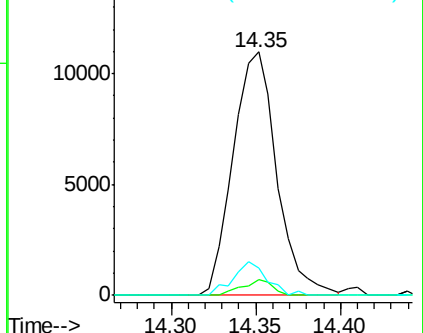
Tot Ion:163	Resp:	19818
Ion Ratio	Lower	Upper
163	100	
194	6.5	3.8 5.6#
164	11.1	9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.05 ng

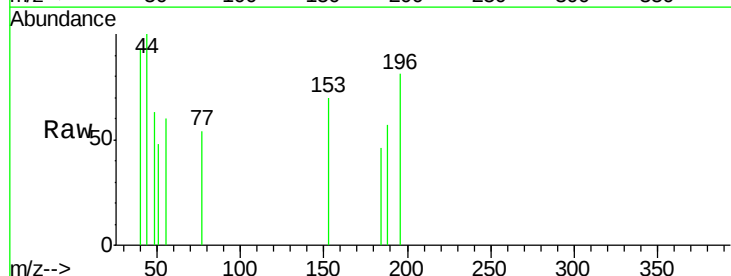
RT: 15.03 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

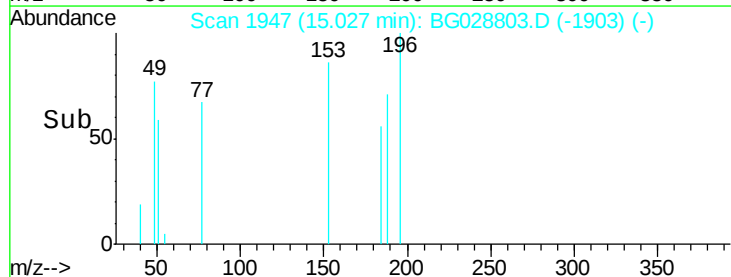
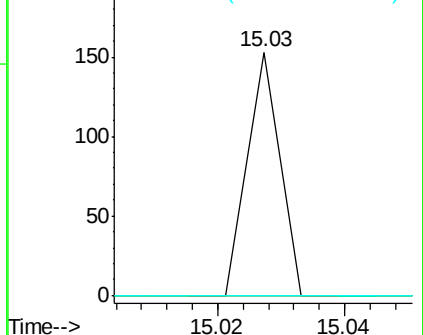
Tgt Ion:184	Resp:	54
Ion Ratio	Lower	Upper
184	100	
63	0.0	52.7 79.1#
154	0.0	57.3 85.9#

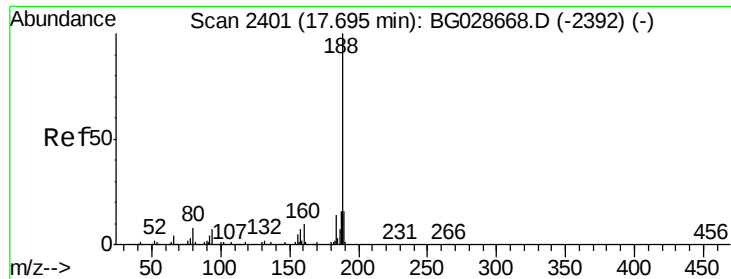


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

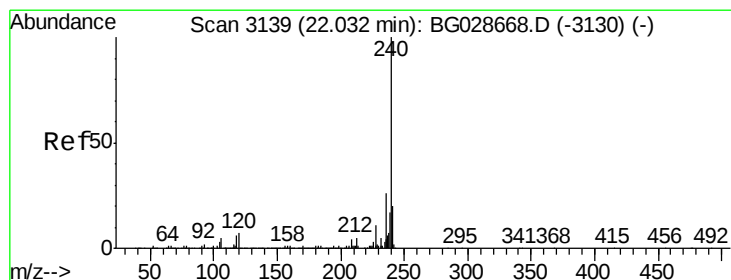
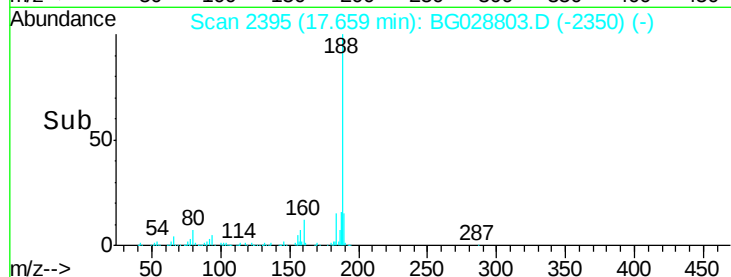
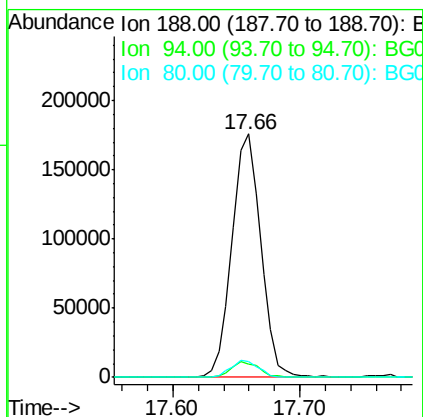
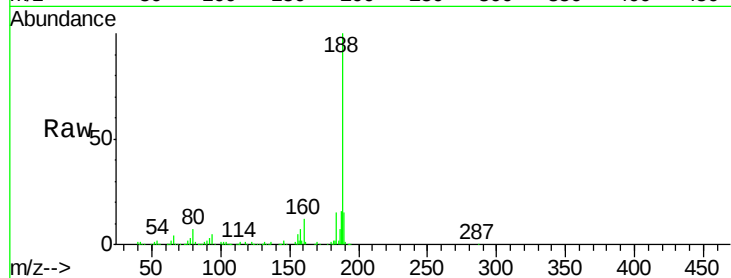




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

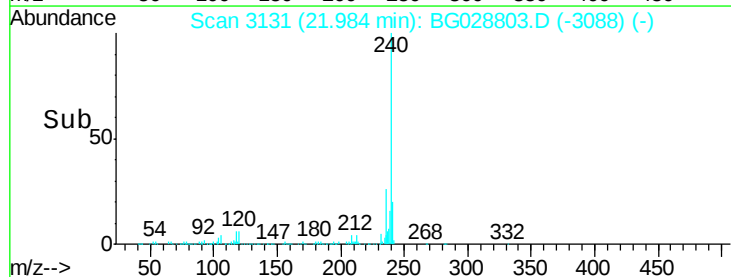
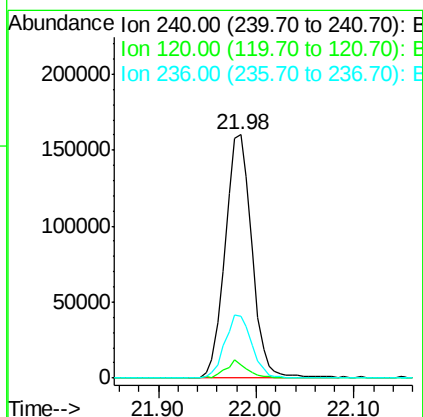
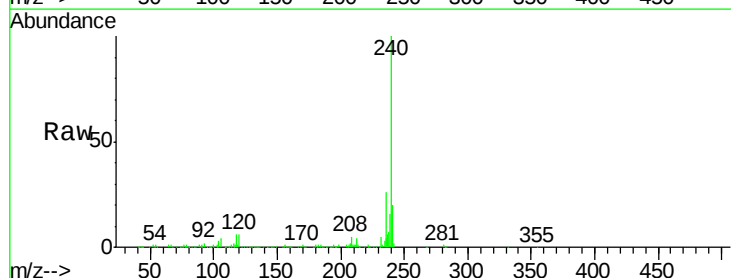
Instrument :
BNA_G
ClientSampleId :

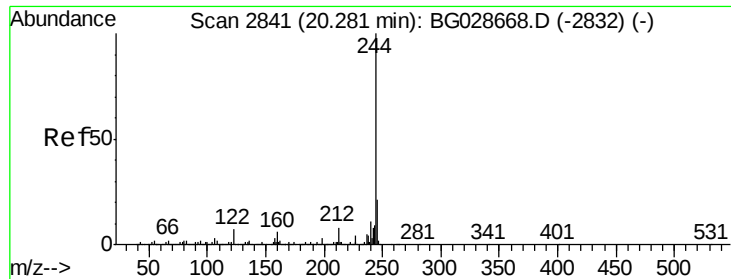
Tot Ion:188 Resp: 277475
Ion Ratio Lower Upper
188 100
94 5.5 5.8 8.8#
80 6.6 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

Tgt Ion:240 Resp: 304596
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 25.5 22.2 33.4





#78

Terphenyl-d14

Concen: 84.23 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

Instrument :

BNA_G

ClientSampled :

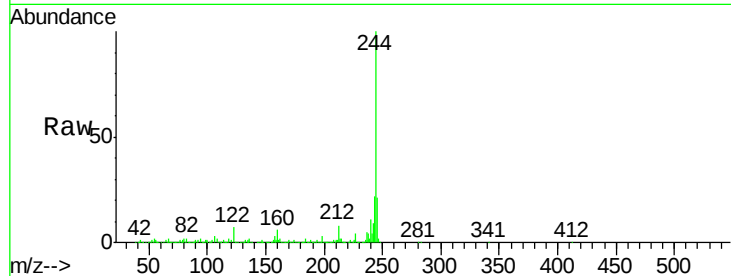
Tot Ion:244 Resp: 1203092

Ion Ratio Lower Upper

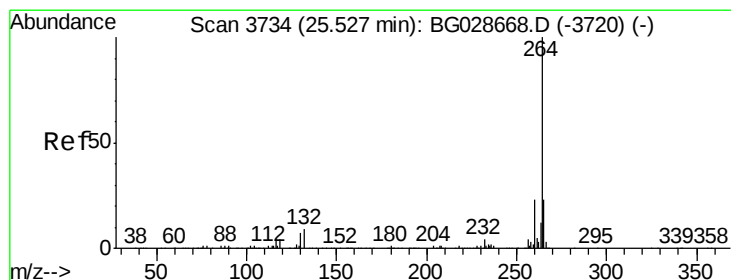
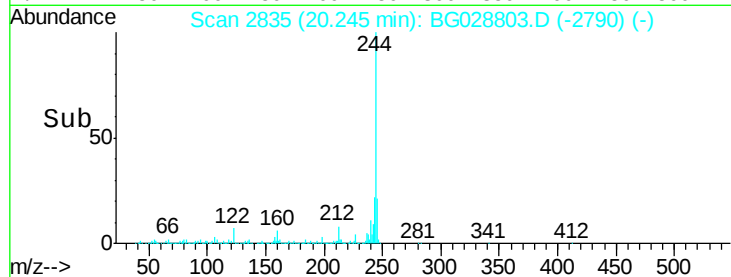
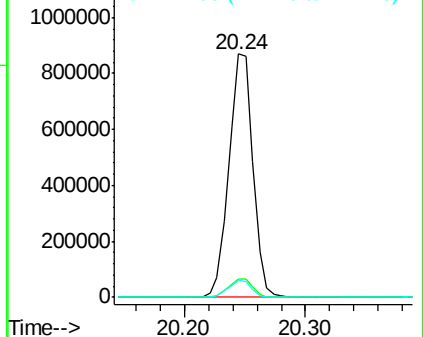
244 100

212 7.6 10.0 15.0#

122 6.9 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: BG028803.D

Acq: 18 Sep 2017 20:19

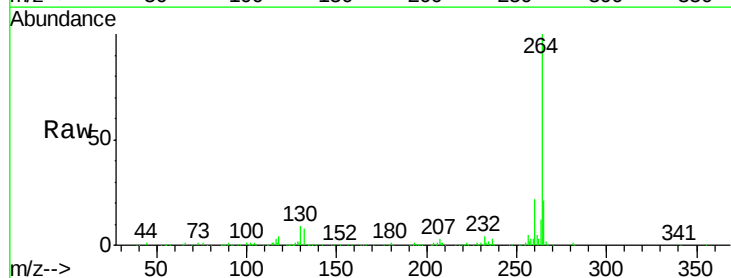
Tgt Ion:264 Resp: 311354

Ion Ratio Lower Upper

264 100

260 21.9 21.8 32.8

265 21.2 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

