

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028819.D
 Acq On : 19 Sep 2017 7:01
 Operator : SJ/JU
 Sample : I5265-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 07:56:07 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

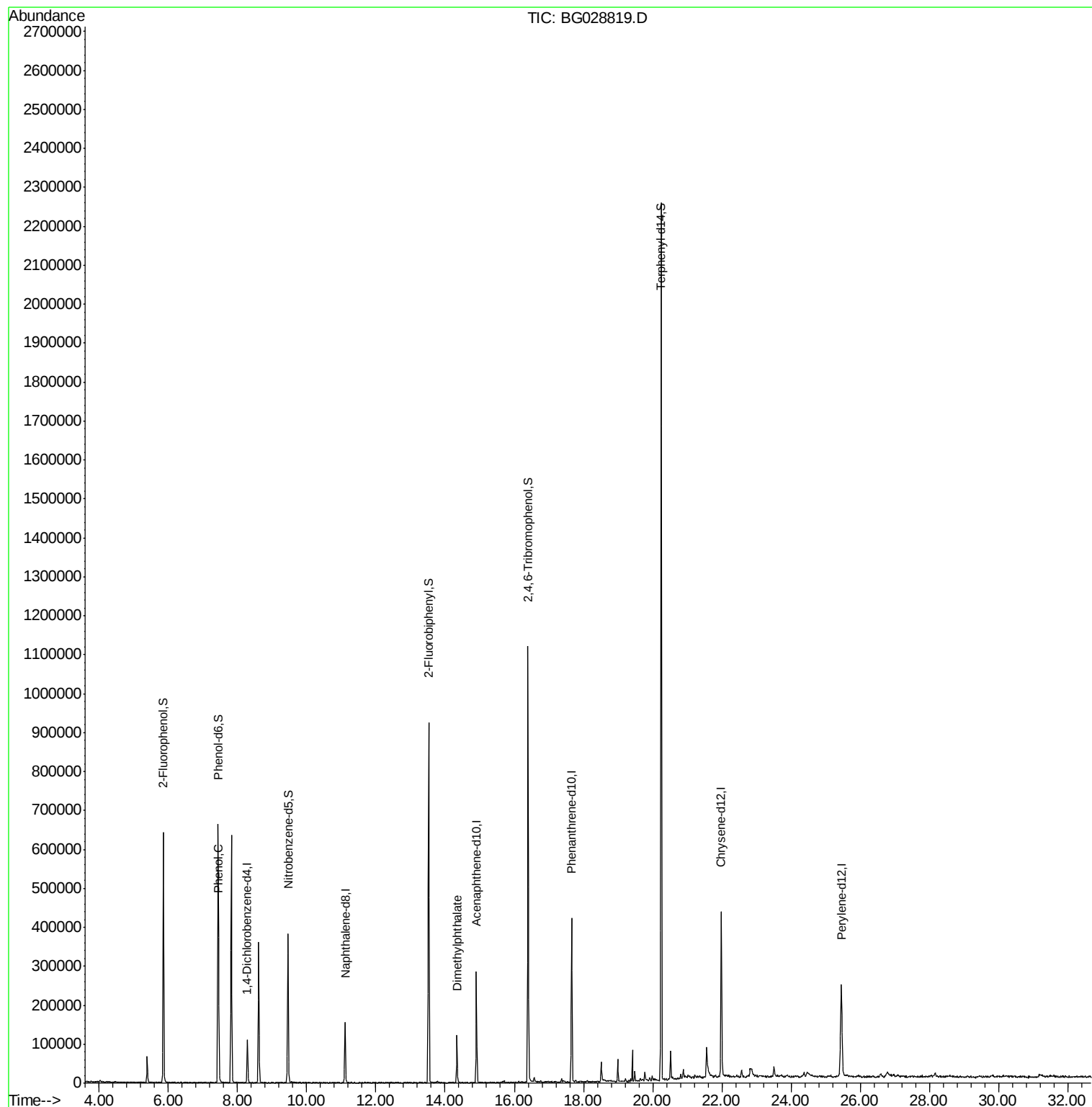
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32025	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	136529	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	102979	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	279867	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	303839	20.00	ng	-0.05
86) Perylene-d12	25.45	264	313509	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	277502	142.98	ng	-0.04
7) Phenol-d6	7.45	99	399423	136.69	ng	-0.04
23) Nitrobenzene-d5	9.46	82	239286	83.84	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	245871	144.36	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	512046	66.30	ng	-0.04
78) Terphenyl-d14	20.25	244	1050495	73.73	ng	-0.03
Target Compounds						
10) Phenol	7.46	94	7630	2.47	ng	# 29
49) Dimethylphthalate	14.34	163	82867	9.60	ng	# 95

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

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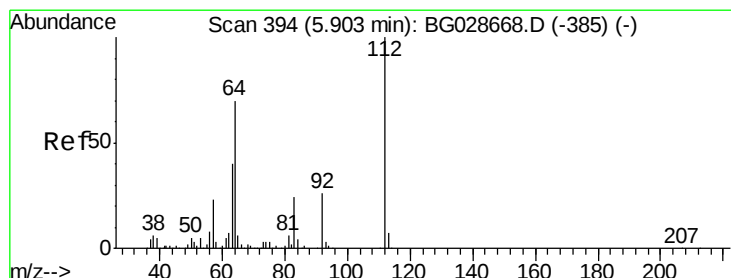
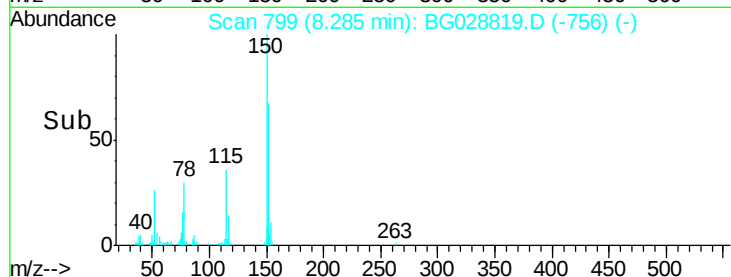
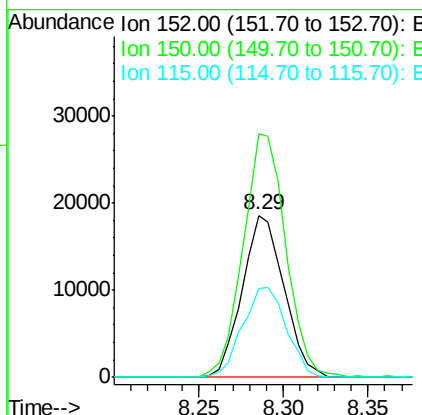
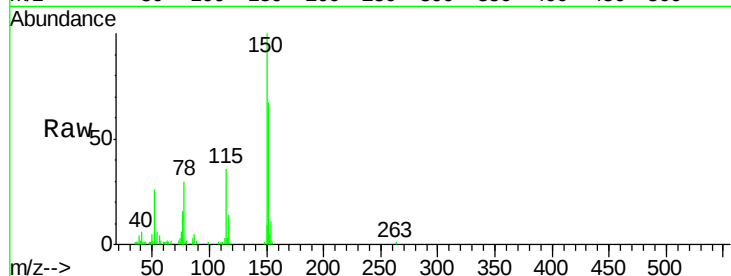


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 799
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

Instrument :
BNA_G
ClientSampleId :

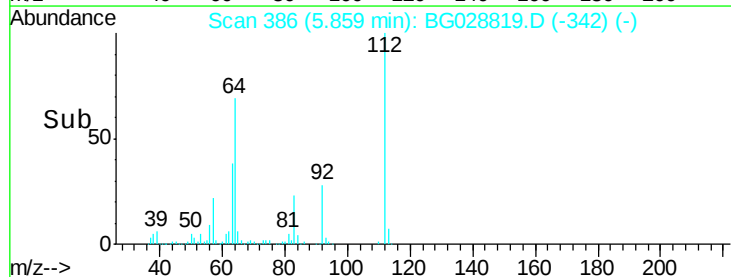
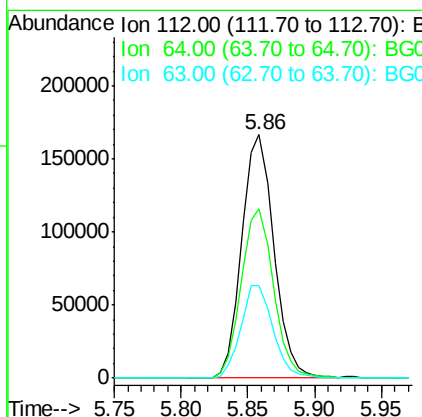
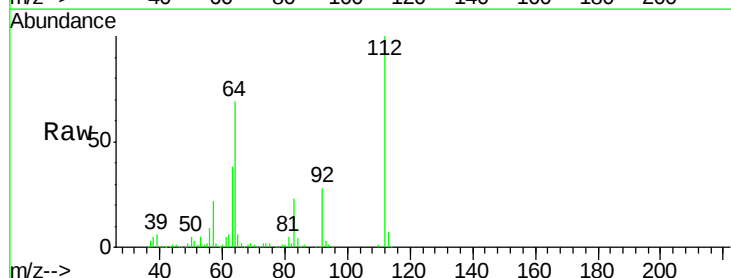
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	114.0	171.0
115	54.7	48.1	72.1

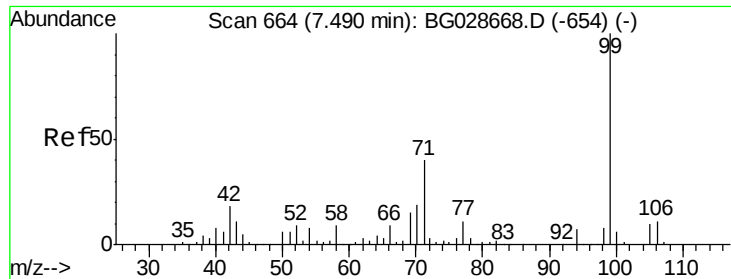


#5

2-Fluorophenol
Concen: 142.98 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	61.8	92.6
63	37.9	37.2	55.8





#7

Phenol-d6

Concen: 136.69 ng

RT: 7.45 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG028819.D

Acq: 19 Sep 2017 7:01

Instrument :

BNA_G

ClientSampleId :

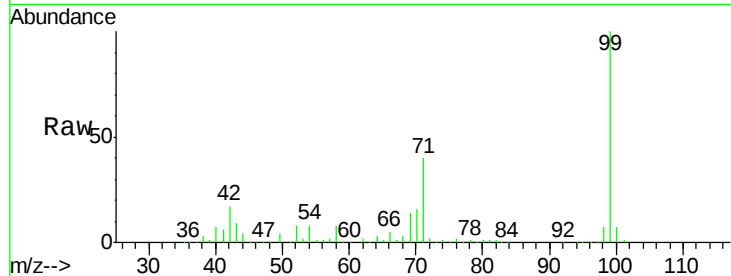
Tot Ion: 99 Resp: 399423

Ion Ratio Lower Upper

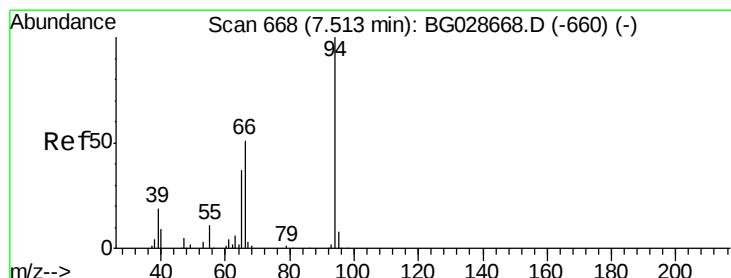
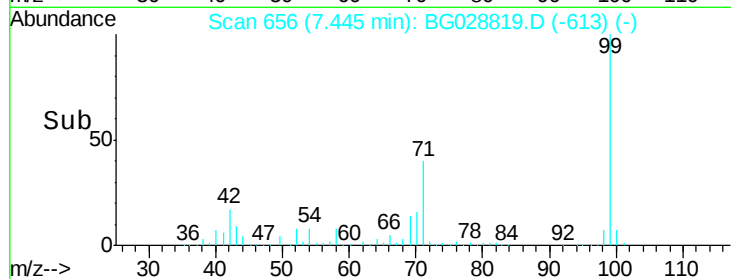
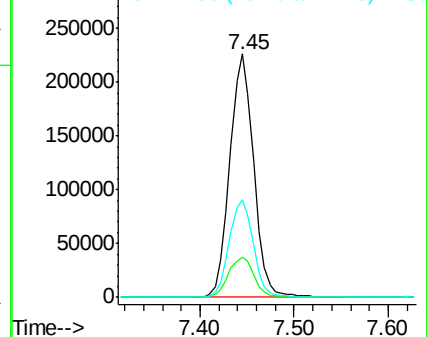
99 100

42 16.5 20.5 30.7#

71 40.1 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: 2.47 ng

RT: 7.46 min Scan# 659

Delta R.T. -0.05 min

Lab File: BG028819.D

Acq: 19 Sep 2017 7:01

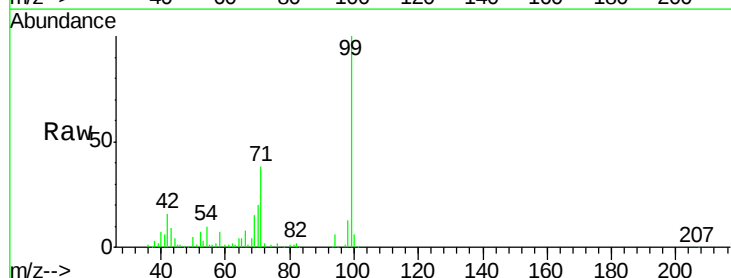
Tgt Ion: 94 Resp: 7630

Ion Ratio Lower Upper

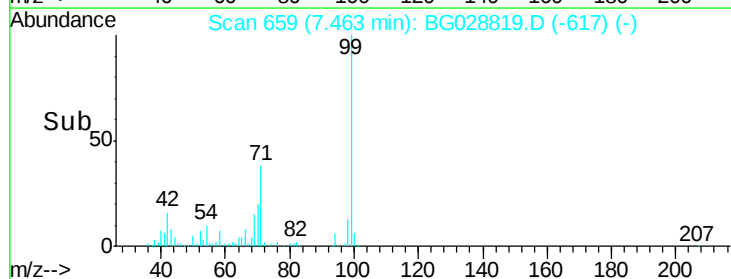
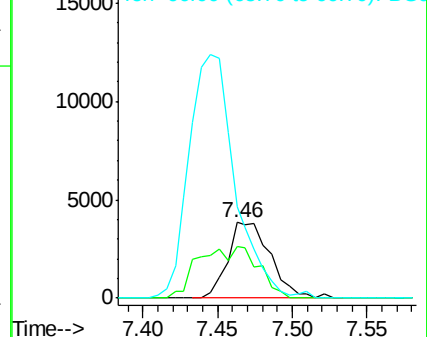
94 100

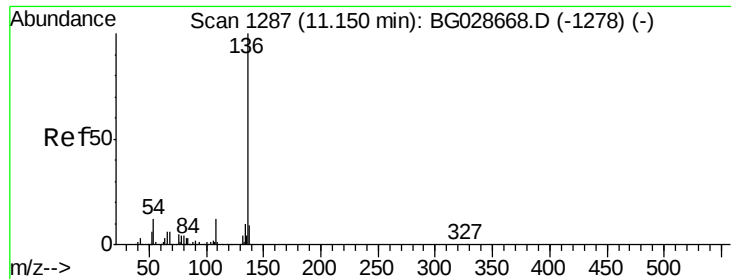
65 68.1 20.6 60.6#

66 121.1 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

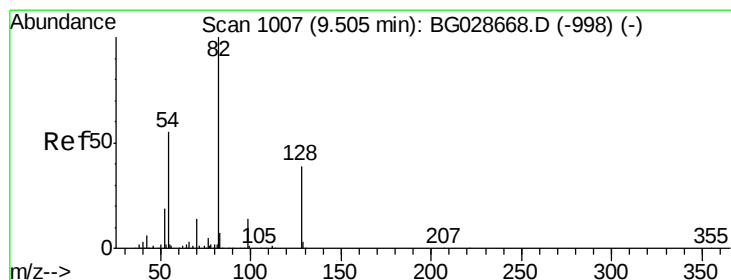
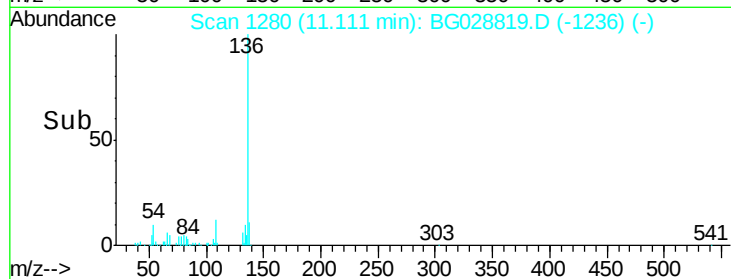
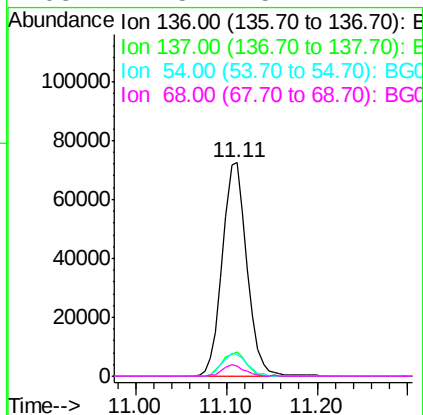
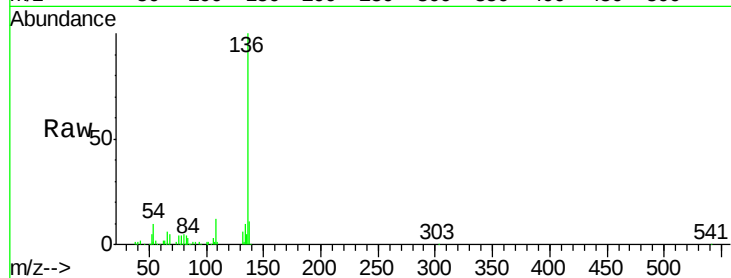




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

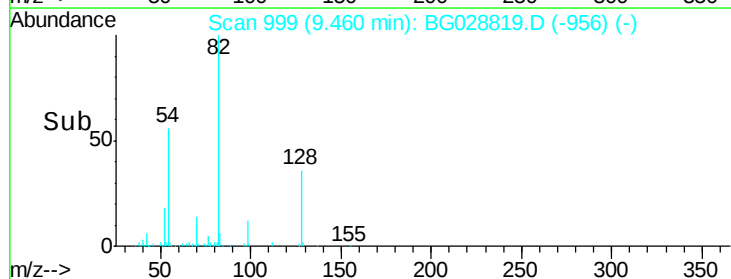
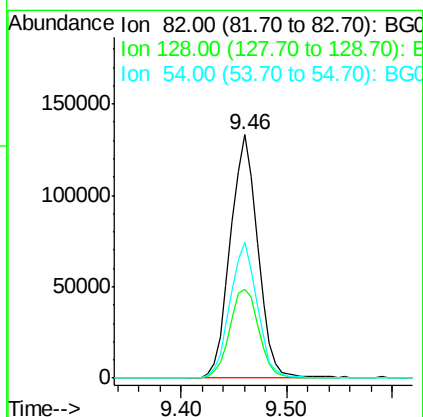
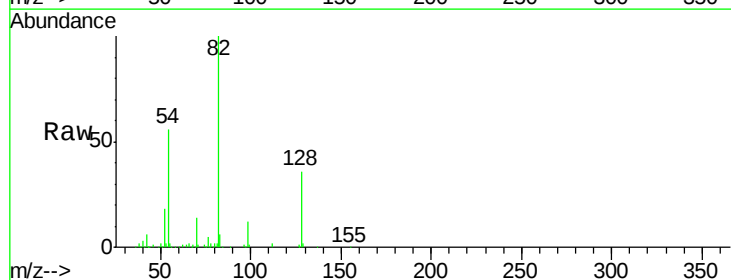
Instrument :
BNA_G
ClientSampleId :

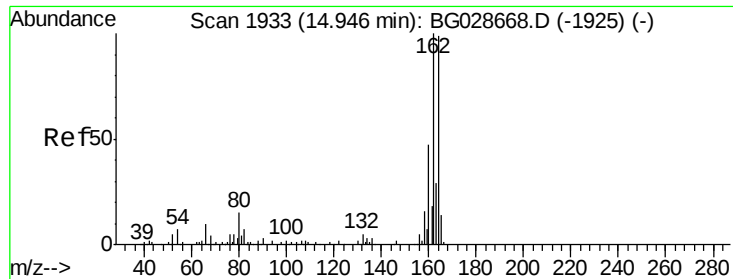
Tot Ion:136	Resp:	136529
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	10.5	9.3 13.9
68	4.8	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 83.84 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

Tgt Ion: 82	Resp:	239286
Ion Ratio	Lower	Upper
82	100	
128	36.5	26.4 39.6
54	56.0	49.4 74.2

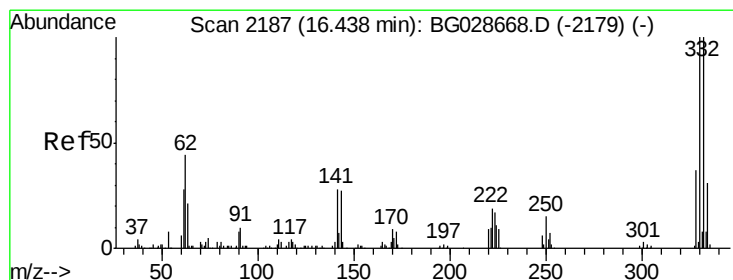
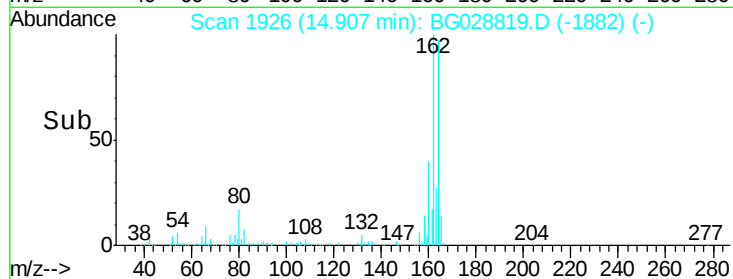
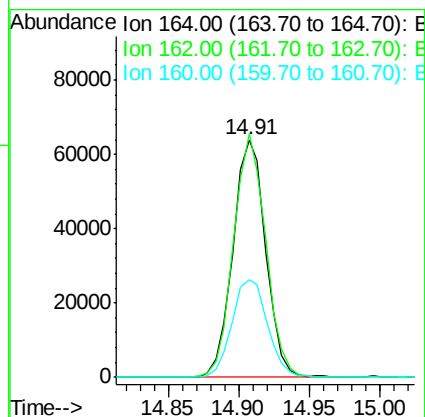
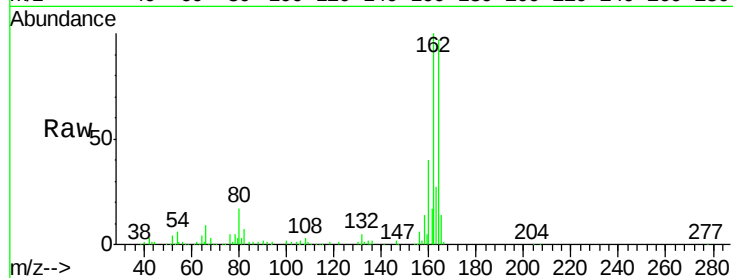




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

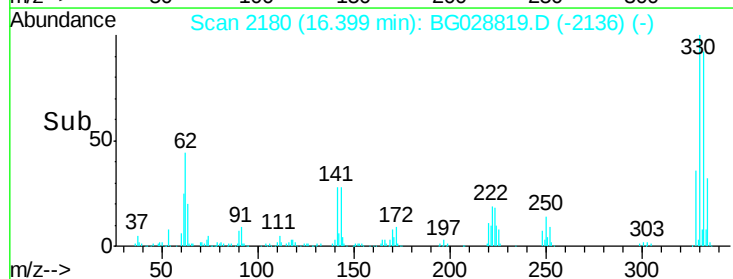
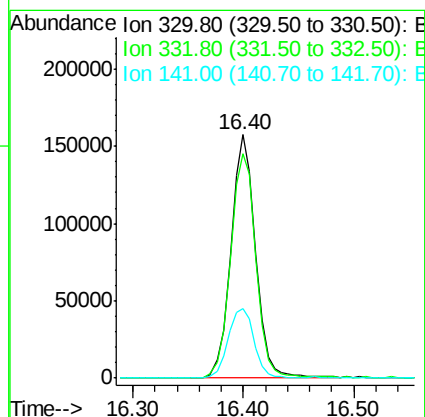
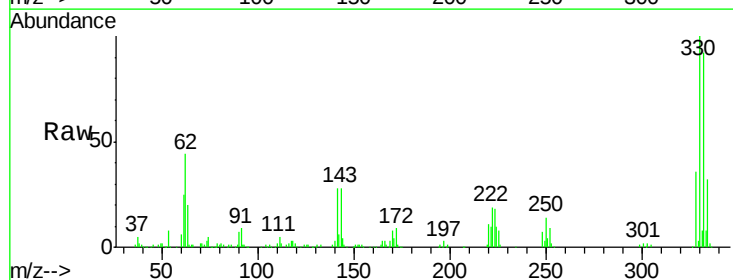
Instrument :
BNA_G
ClientSampleId :

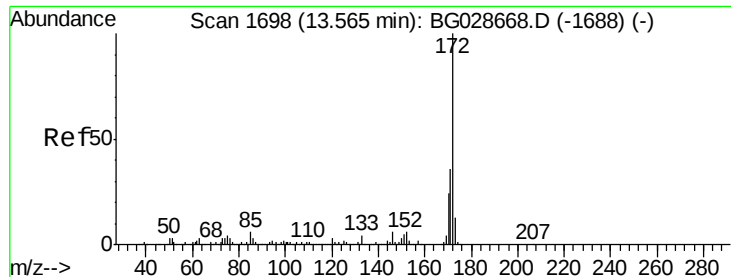
Tot Ion:164 Resp: 102979
Ion Ratio Lower Upper
164 100
162 102.6 85.1 127.7
160 41.3 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 144.36 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

Tgt Ion:330 Resp: 245871
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 30.1 32.1 48.1#

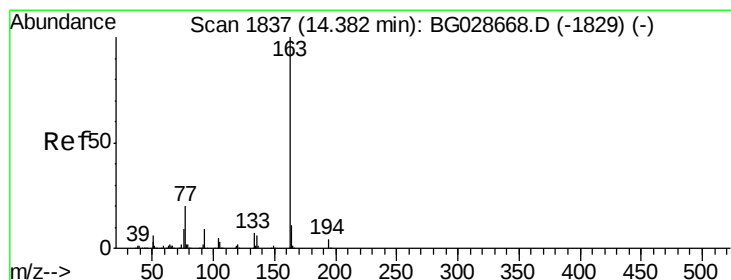
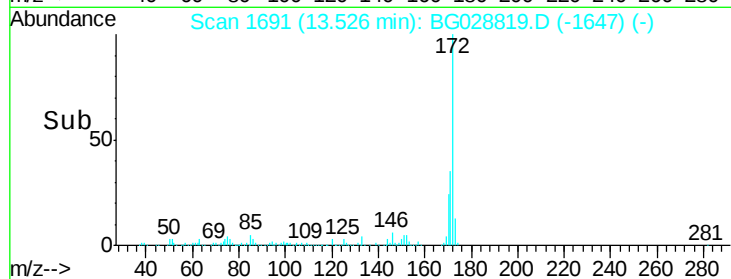
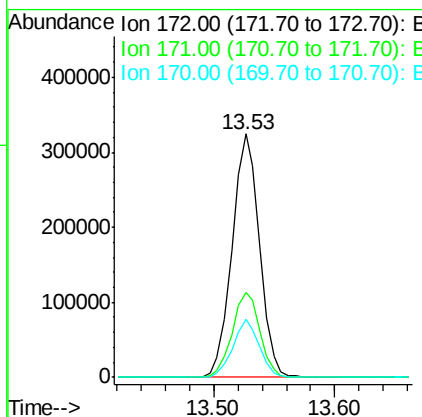
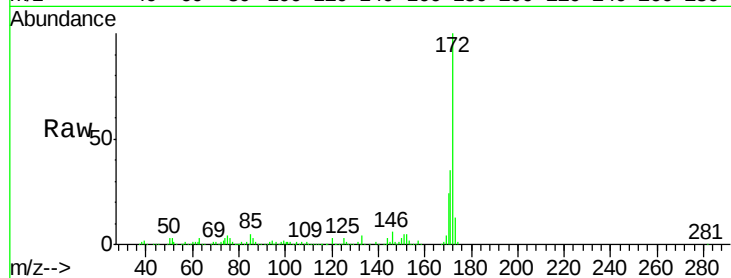




#44
2-Fluorobiphenyl
Concen: 66.30 ng
RT: 13.53 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

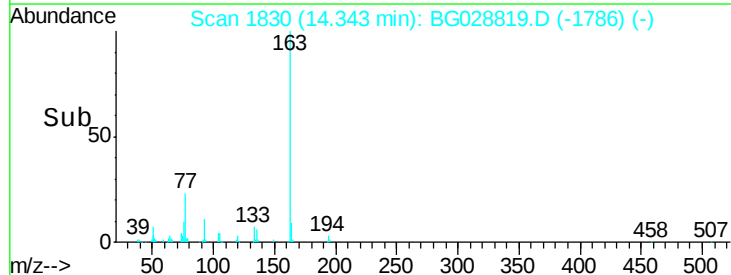
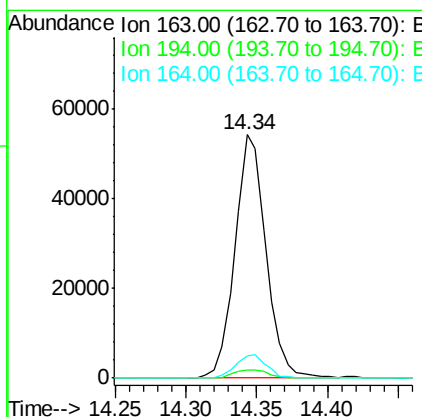
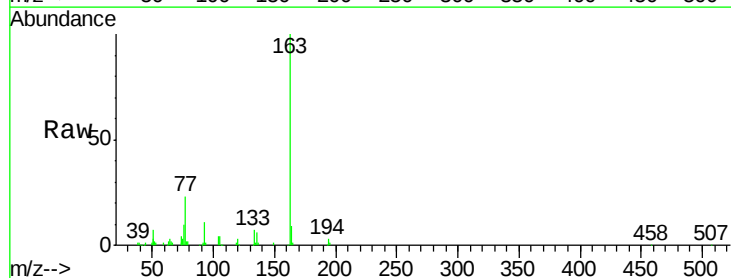
Instrument :
BNA_G
ClientSampleId :

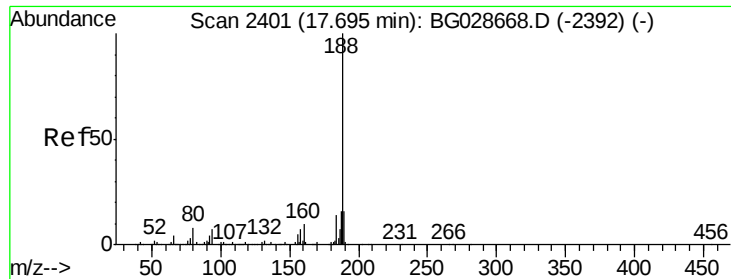
Tot Ion:172 Resp: 512046
Ion Ratio Lower Upper
172 100
171 35.0 32.2 48.2
170 23.7 21.8 32.6



#49
Dimethylphthalate
Concen: 9.60 ng
RT: 14.34 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

Tgt Ion:163 Resp: 82867
Ion Ratio Lower Upper
163 100
194 3.4 3.8 5.6#
164 9.3 9.3 13.9#

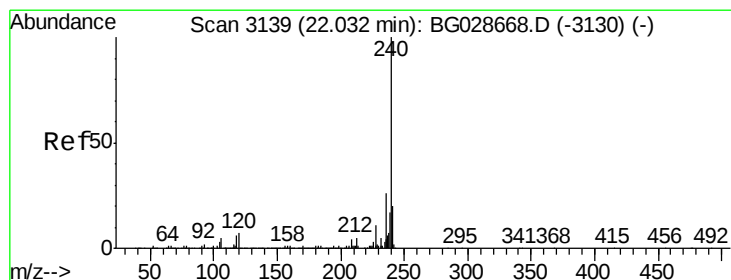
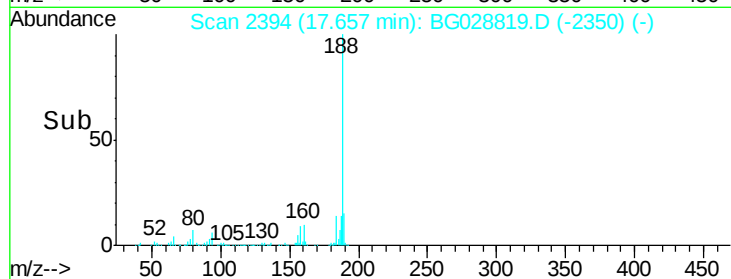
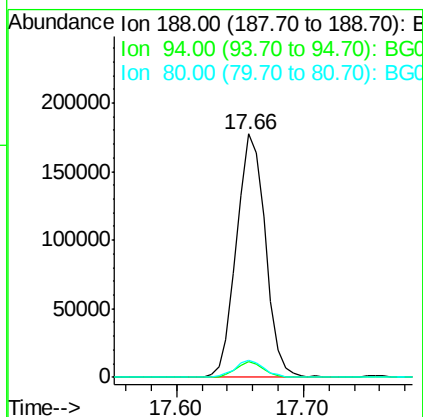
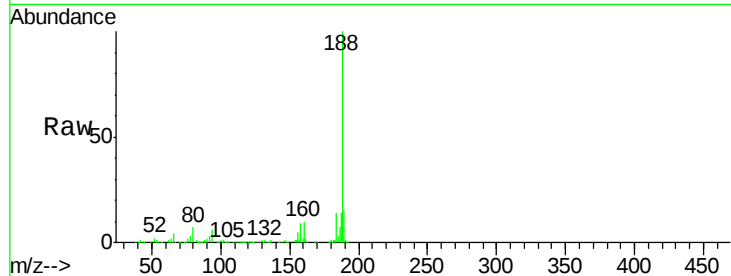




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

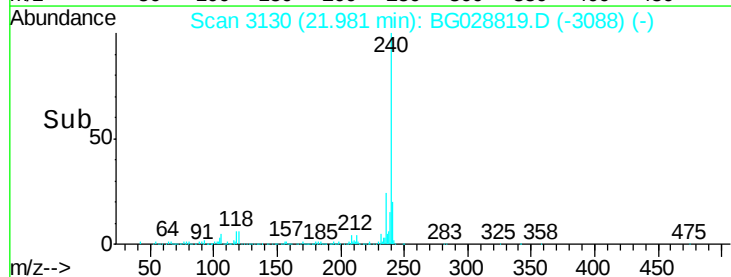
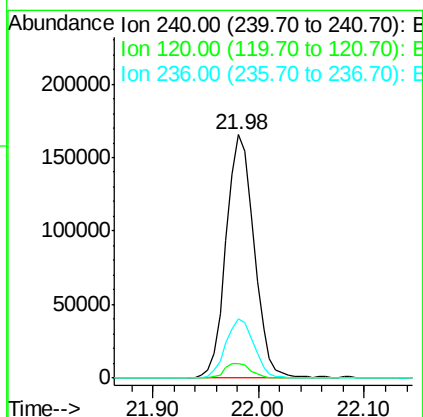
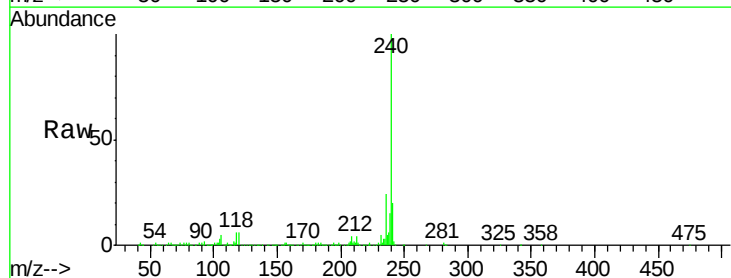
Instrument :
BNA_G
ClientSampleId :

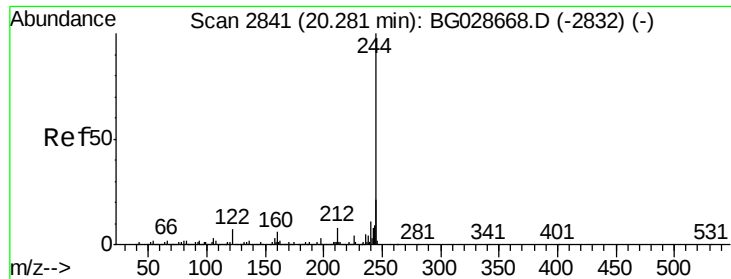
Tot Ion:188 Resp: 279867
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 6.9 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3130
Delta R.T. -0.05 min
Lab File: BG028819.D
Acq: 19 Sep 2017 7:01

Tgt Ion:240 Resp: 303839
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 24.1 22.2 33.4





#78

Terphenyl-d14

Concen: 73.73 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028819.D

Acq: 19 Sep 2017 7:01

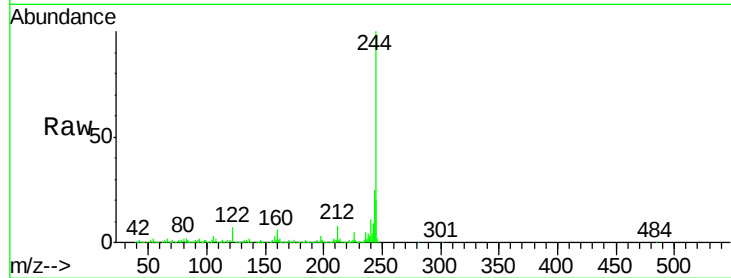
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1050495

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	6.6	8.6	12.8#

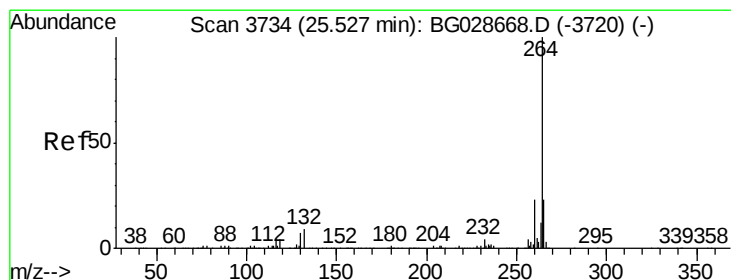
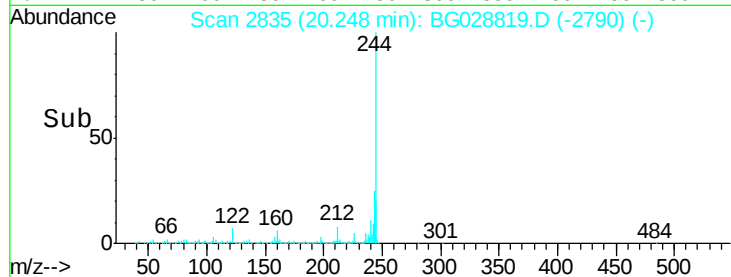
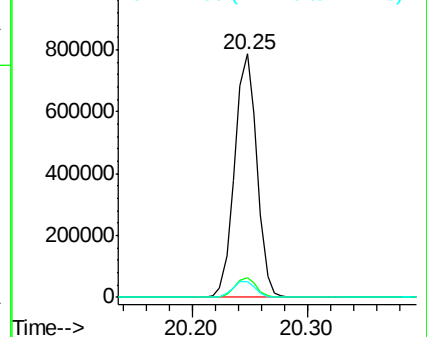


Abundance

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

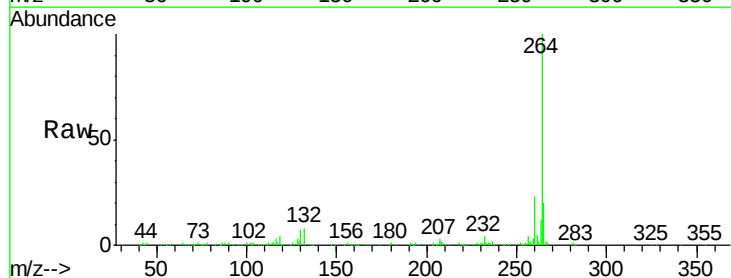
Delta R.T. -0.07 min

Lab File: BG028819.D

Acq: 19 Sep 2017 7:01

Tgt Ion:264 Resp: 313509

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.3	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

