

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043635.D
 Acq On : 14 Nov 2019 15:56
 Operator : JU
 Sample : K5826-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-S

Quant Time: Nov 15 02:33:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

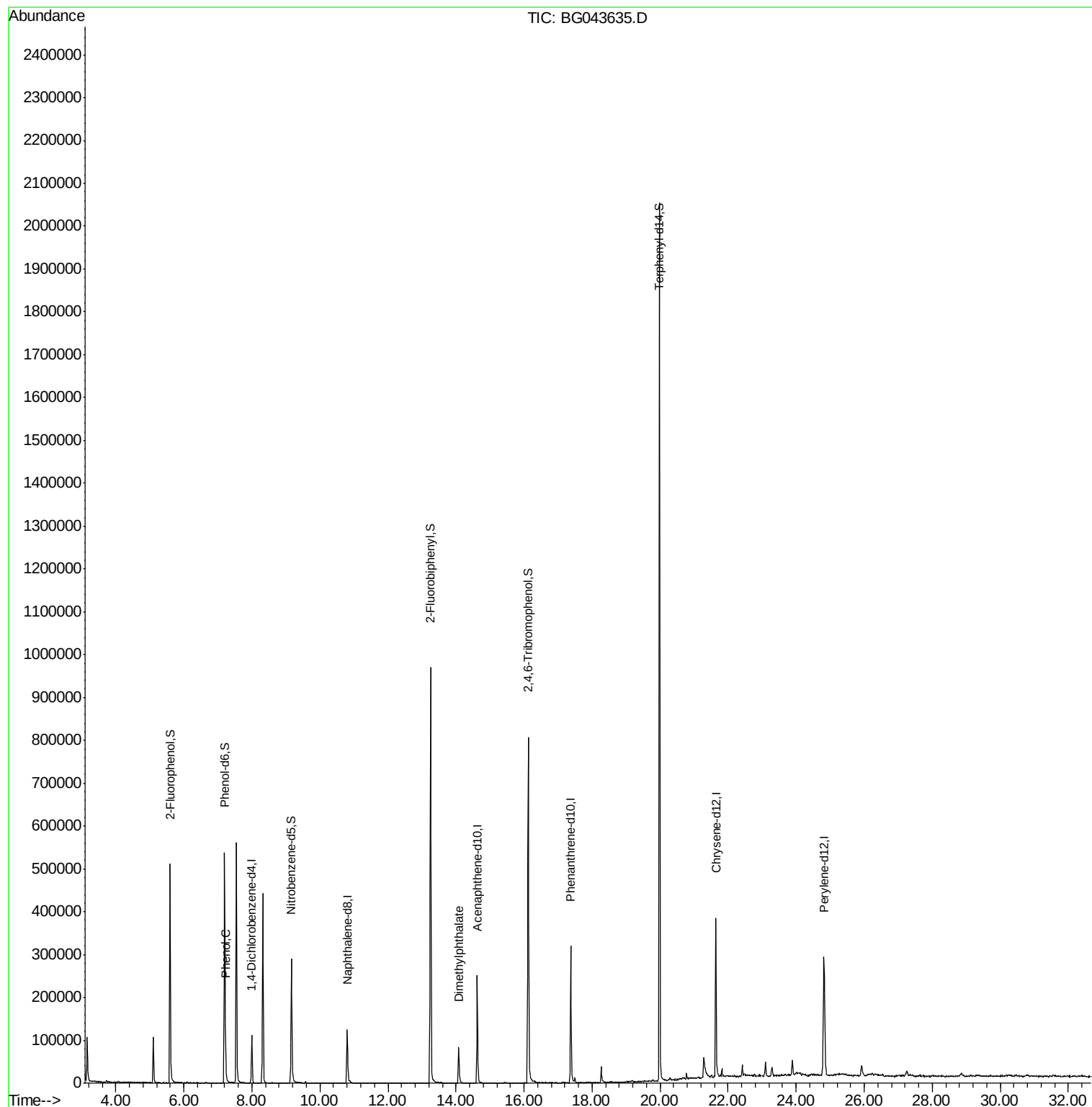
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33258	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	125024	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	99538	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	239749	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	255301	20.00	ng	-0.02
87) Perylene-d12	24.82	264	299031	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	236098	130.09	ng	0.00
7) Phenol-d6	7.20	99	336153	128.73	ng	0.00
23) Nitrobenzene-d5	9.16	82	201521	83.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	203888	107.64	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	565460	78.50	ng	-0.02
79) Terphenyl-d14	19.98	244	1086431	79.84	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	20227	8.477	ng	93
50) Dimethylphthalate	14.08	163	73015	9.470	ng	99

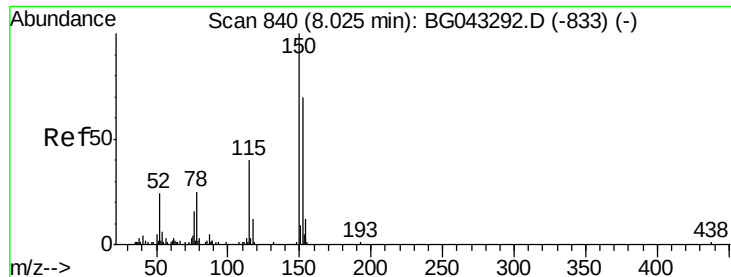
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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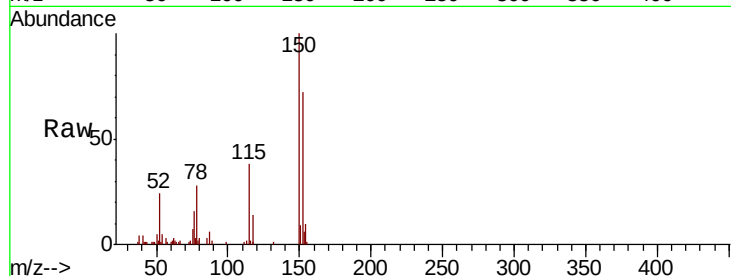


#1

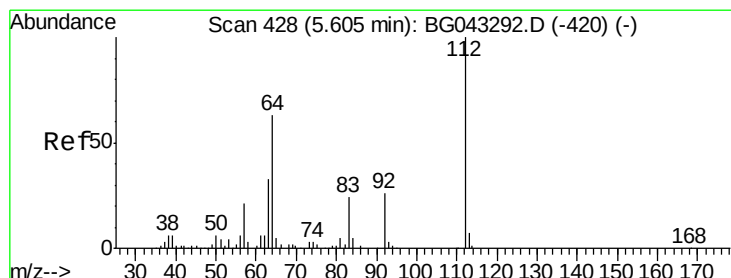
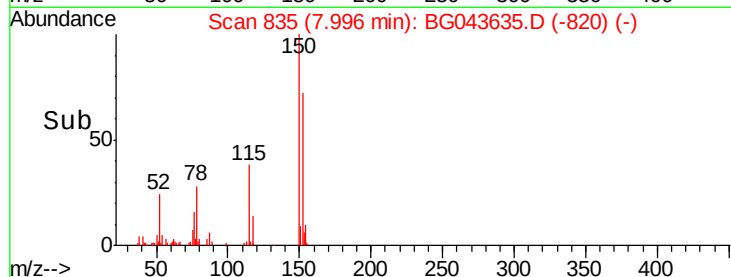
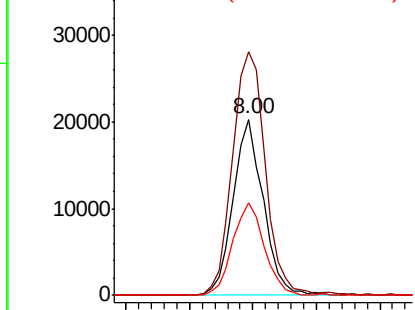
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Instrument :
BNA_G
ClientSampleId :
TP-14B-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.1	129.4	194.0
115	52.4	48.8	73.2



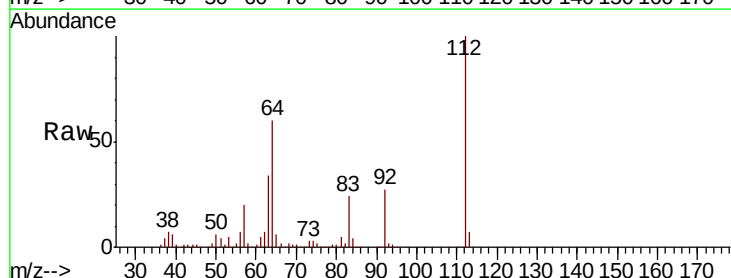
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



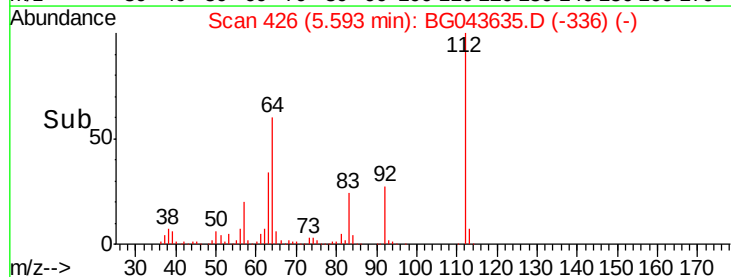
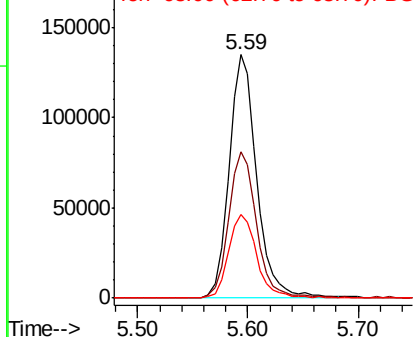
#5

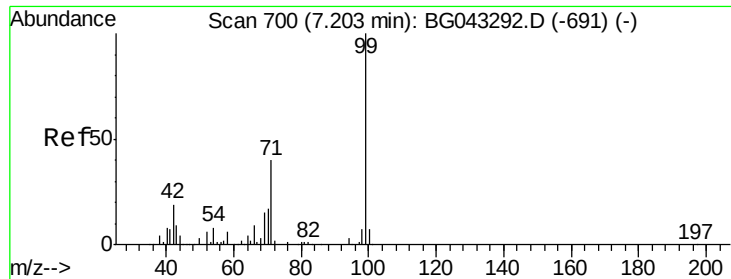
2-Fluorophenol
Concen: 130.085 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	50.0	75.0
63	34.4	26.6	40.0



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: 128.731 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043635.D

Acq: 14 Nov 2019 15:56

Instrument :

BNA_G

ClientSampleId :

TP-14B-S

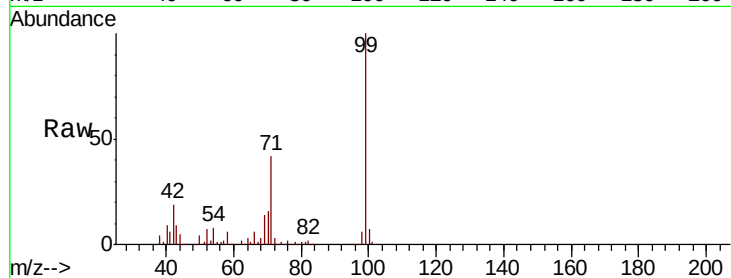
Tot Ion: 99 Resp: 336153

Ion Ratio Lower Upper

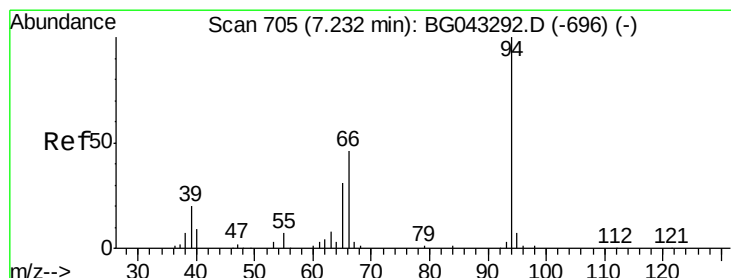
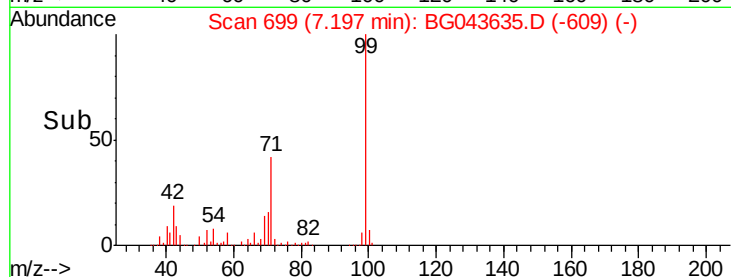
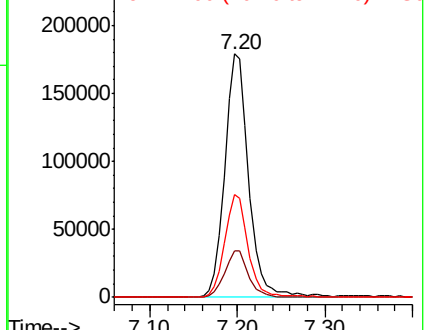
99 100

42 19.2 14.6 21.8

71 42.3 32.5 48.7



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: 8.477 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043635.D

Acq: 14 Nov 2019 15:56

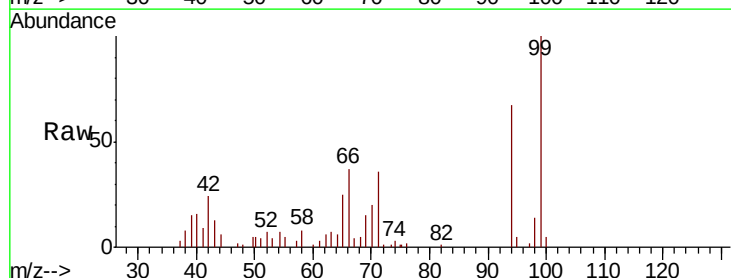
Tgt Ion: 94 Resp: 20227

Ion Ratio Lower Upper

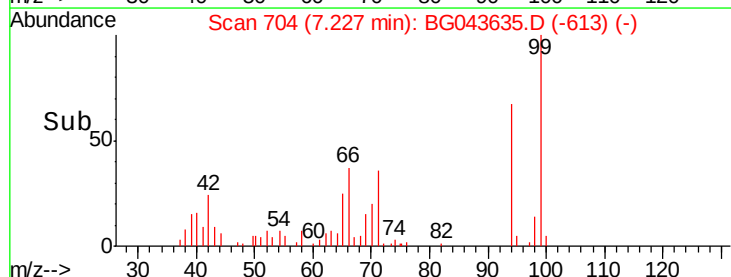
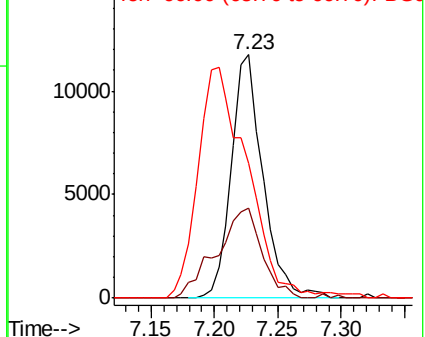
94 100

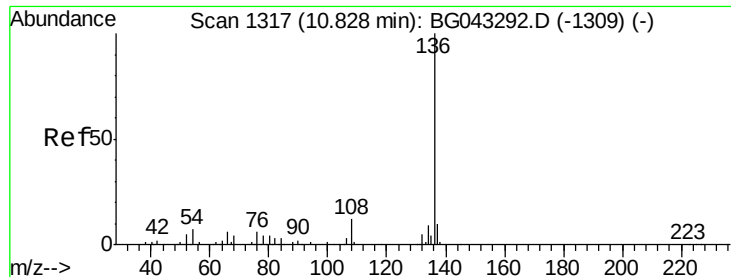
65 37.2 12.6 52.6

66 55.6 30.7 70.7



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

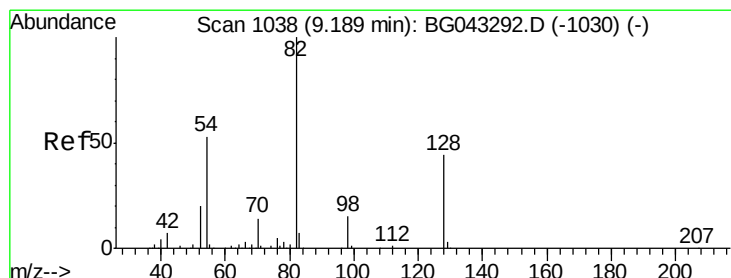
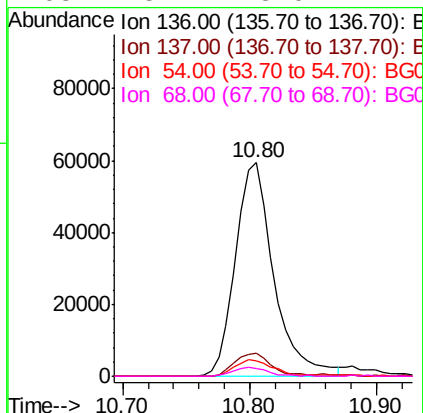
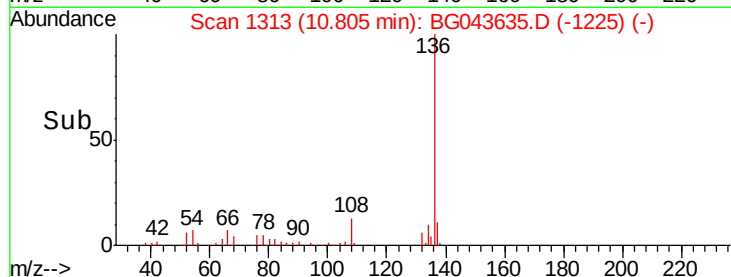
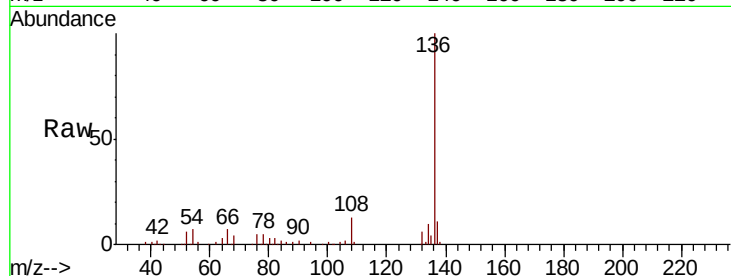




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

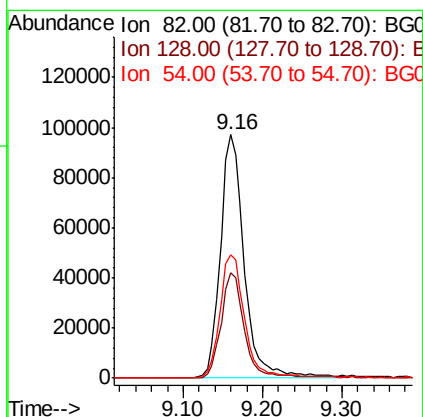
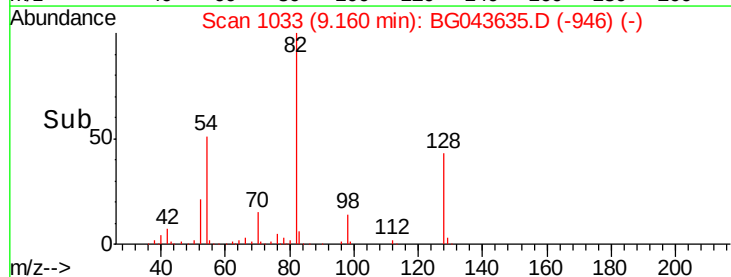
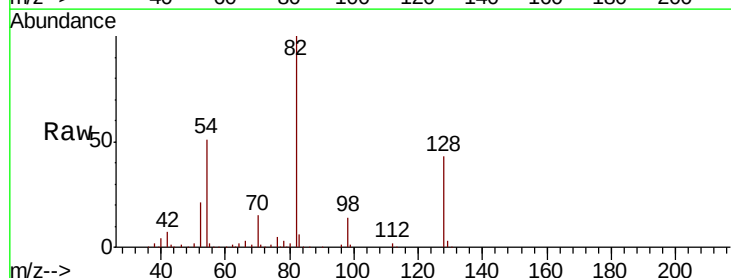
Instrument :
BNA_G
ClientSampleId :
TP-14B-S

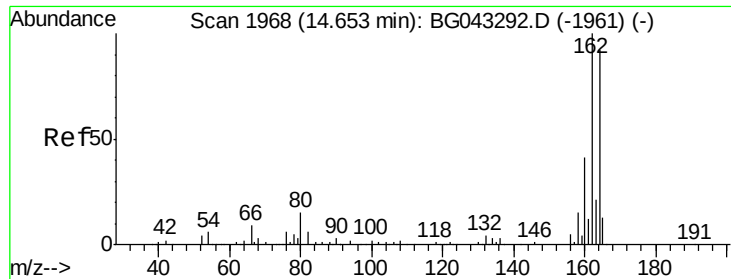
Tot Ion:136	Resp:	125024
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	7.2	5.4 8.2
68	3.7	3.0 4.4



#23
Nitrobenzene-d5
Concen: 83.099 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion: 82	Resp:	201521
Ion	Ratio	Lower Upper
82	100	
128	43.1	35.0 52.6
54	50.9	40.2 60.2

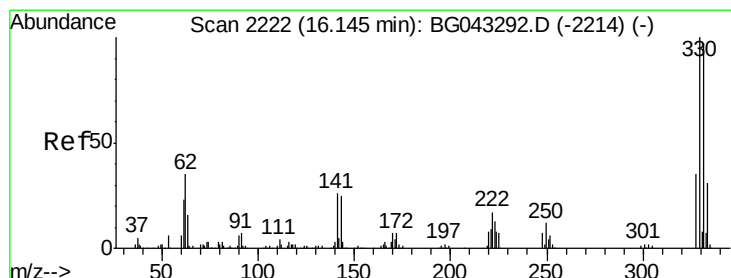
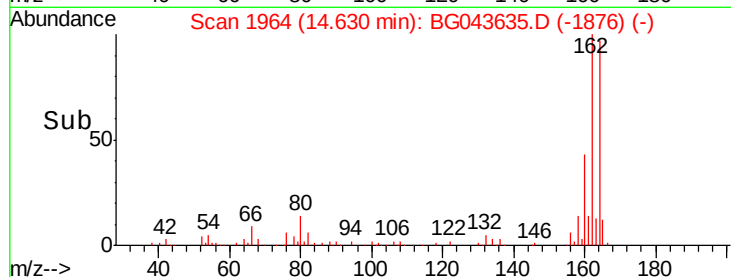
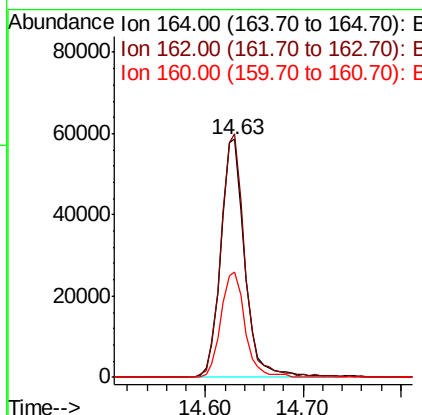
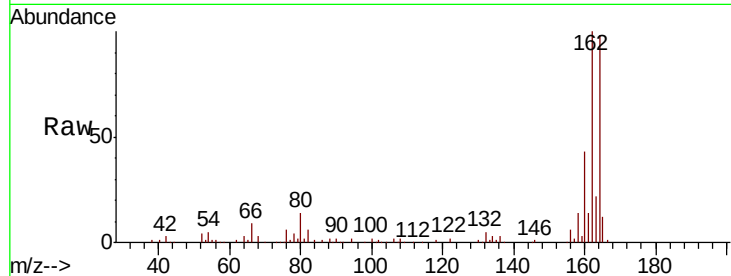




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

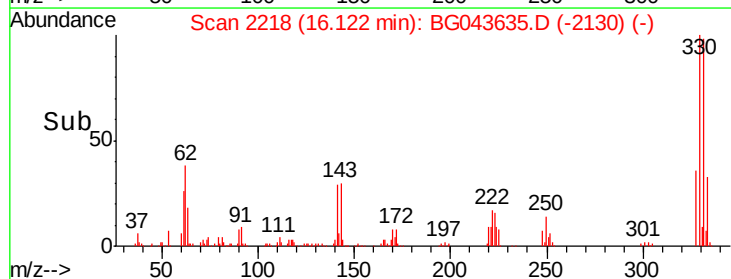
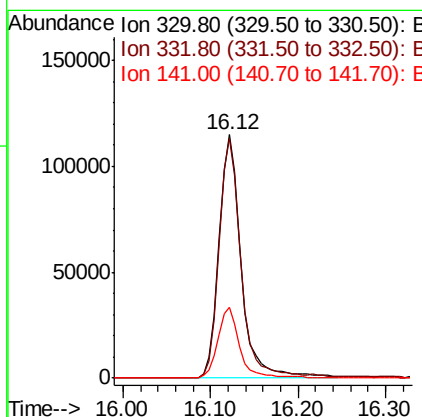
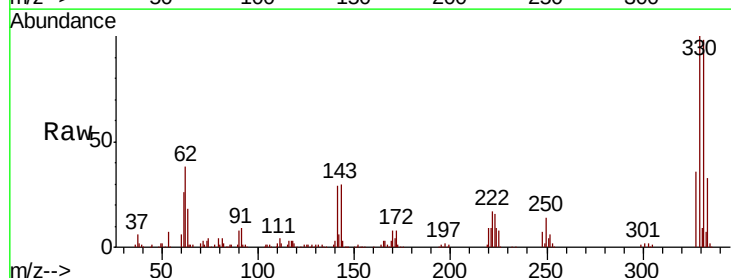
Instrument :
BNA_G
ClientSampleId :
TP-14B-S

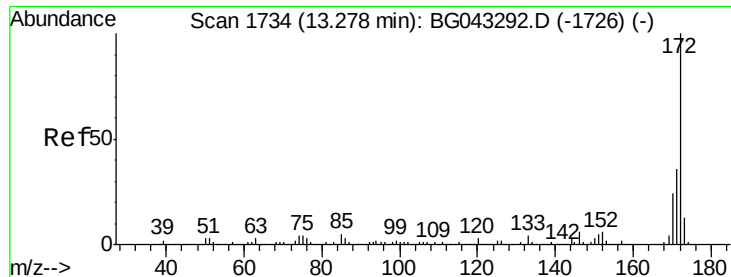
Tot Ion:164 Resp: 99538
Ion Ratio Lower Upper
164 100
162 102.2 83.5 125.3
160 44.1 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 107.637 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:330 Resp: 203888
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 28.2 22.8 34.2



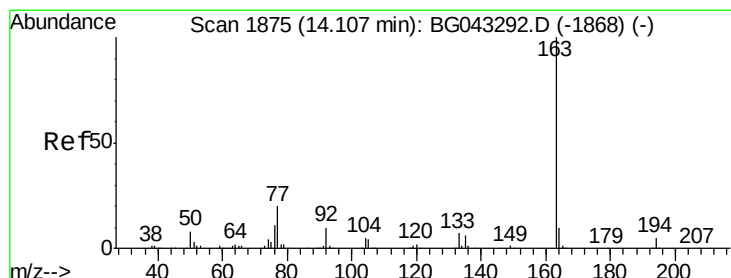
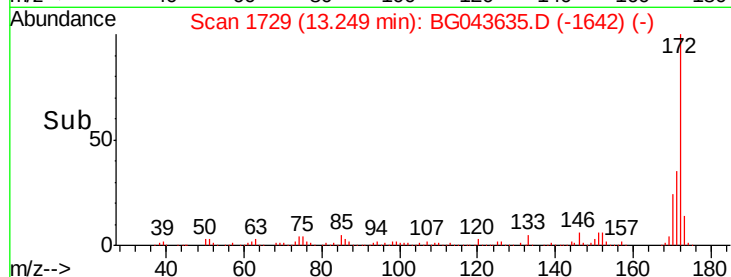
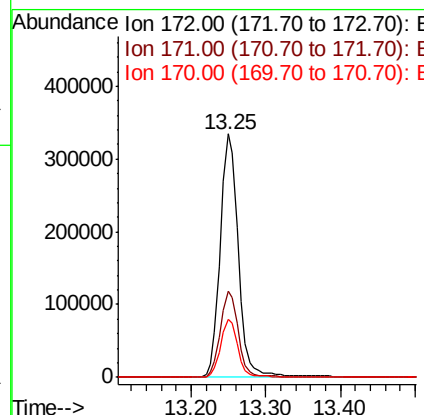
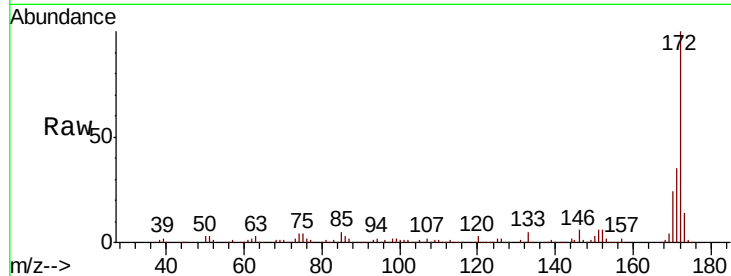


#45
 2-Fluorobiphenyl
 Concen: 78.498 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043635.D
 Acq: 14 Nov 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-S

Tot Ion:172 Resp: 565460

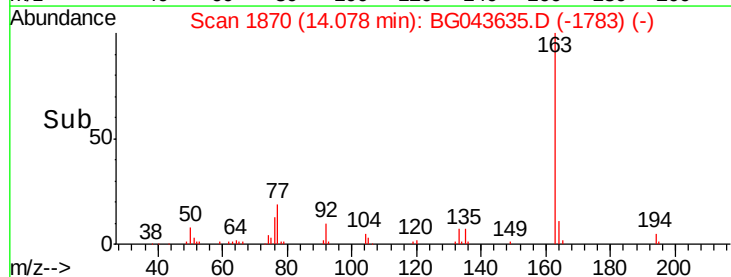
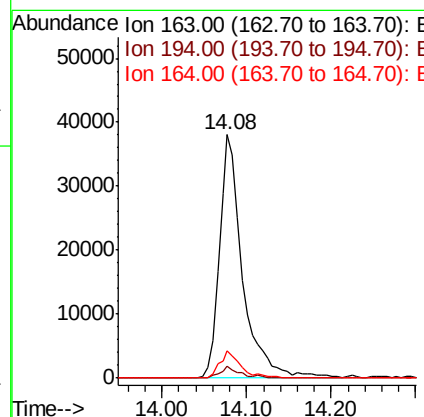
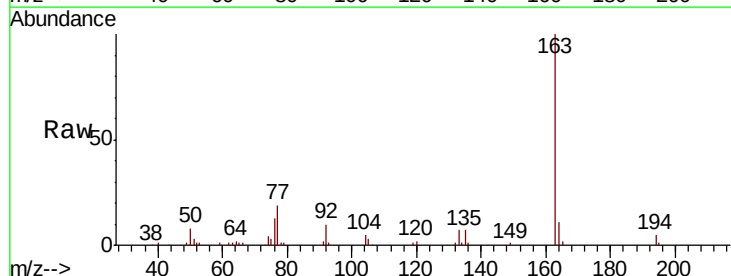
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.0	18.5	27.7

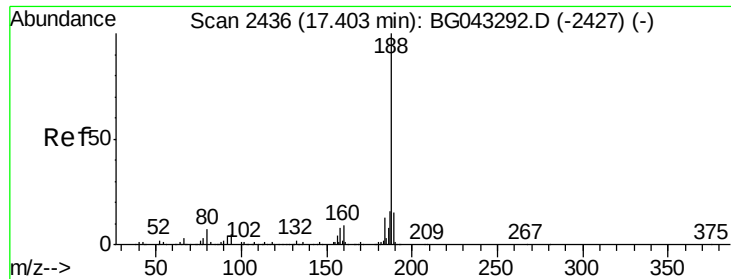


#50
 Dimethylphthalate
 Concen: 9.470 ng
 RT: 14.08 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BG043635.D
 Acq: 14 Nov 2019 15:56

Tgt Ion:163 Resp: 73015

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.6
164	11.3	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043635.D

Acq: 14 Nov 2019 15:56

Instrument :

BNA_G

ClientSampleId :

TP-14B-S

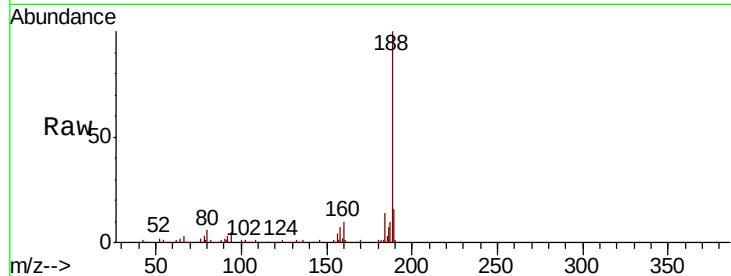
Tot Ion:188 Resp: 239749

Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.4

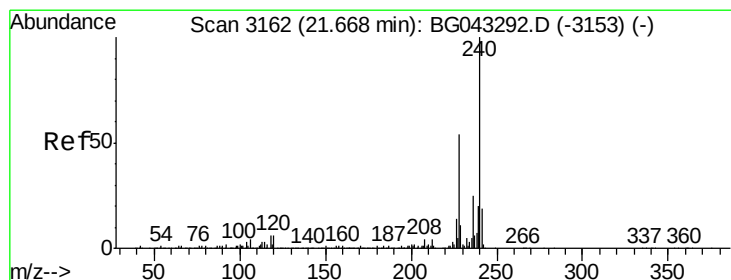
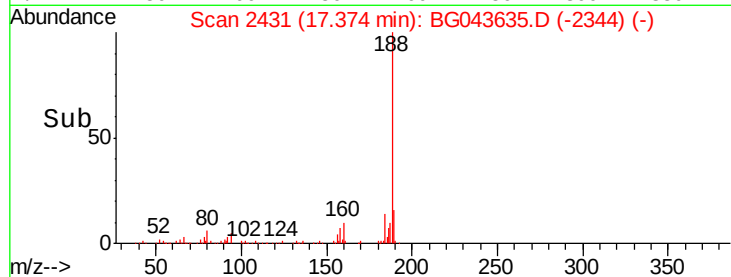
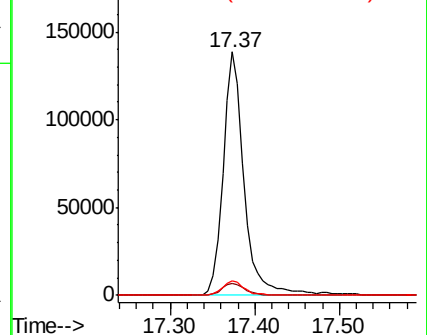
80 5.9 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.02 min

Lab File: BG043635.D

Acq: 14 Nov 2019 15:56

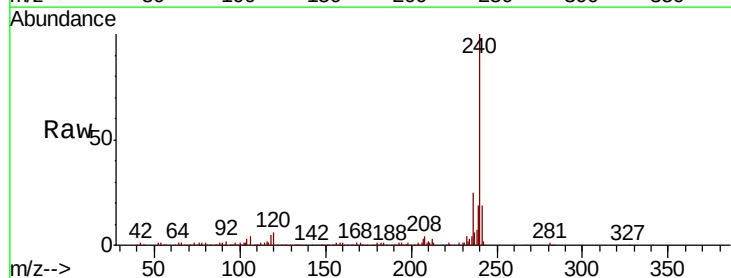
Tgt Ion:240 Resp: 255301

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

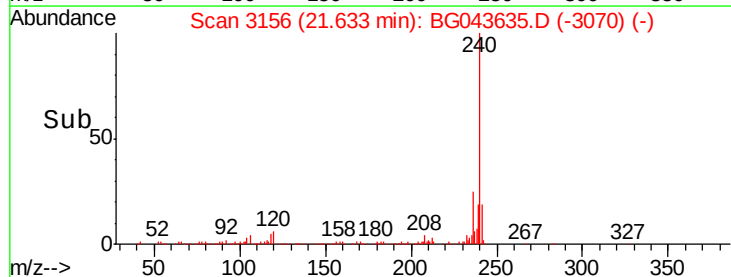
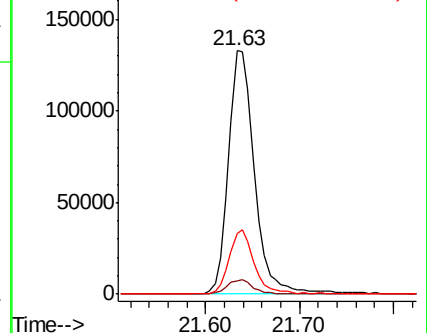
236 25.0 19.8 29.8

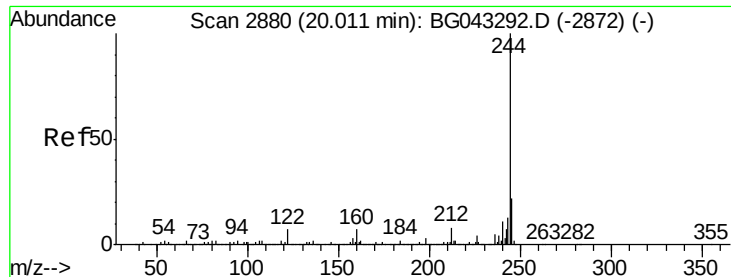


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.835 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043635.D

Acq: 14 Nov 2019 15:56

Instrument :

BNA_G

ClientSampleId :

TP-14B-S

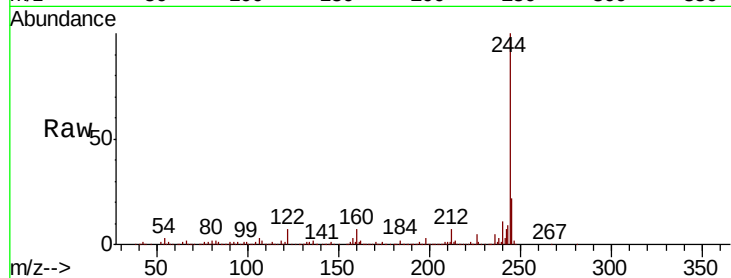
Tot Ion:244 Resp: 1086431

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

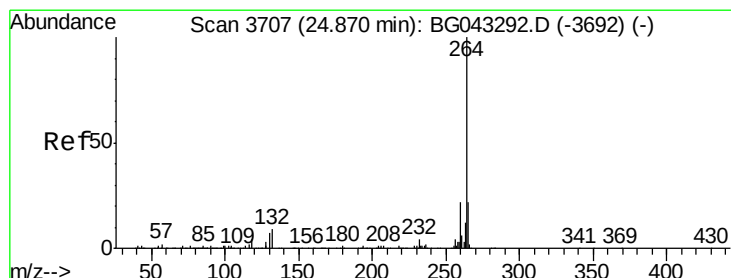
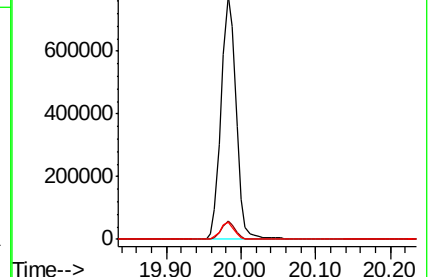
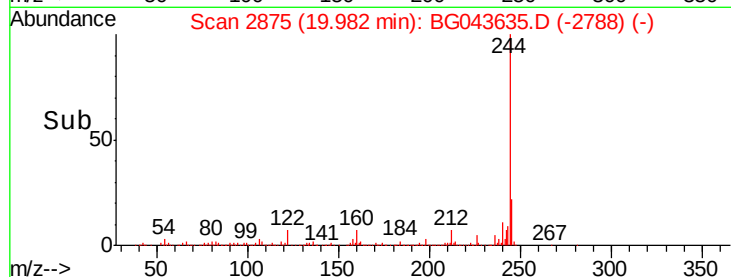
122 6.8 5.4 8.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043635.D

Acq: 14 Nov 2019 15:56

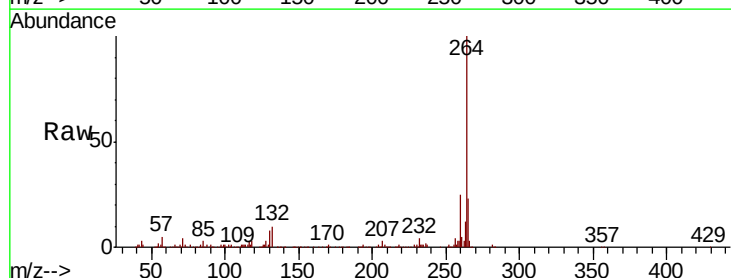
Tgt Ion:264 Resp: 299031

Ion Ratio Lower Upper

264 100

260 24.7 17.5 26.3

265 22.5 17.4 26.0



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

