

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043367.D
 Acq On : 29 Oct 2019 2:00
 Operator : JU
 Sample : K5503-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 171-06-(0-1.9)

Quant Time: Oct 29 12:52:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

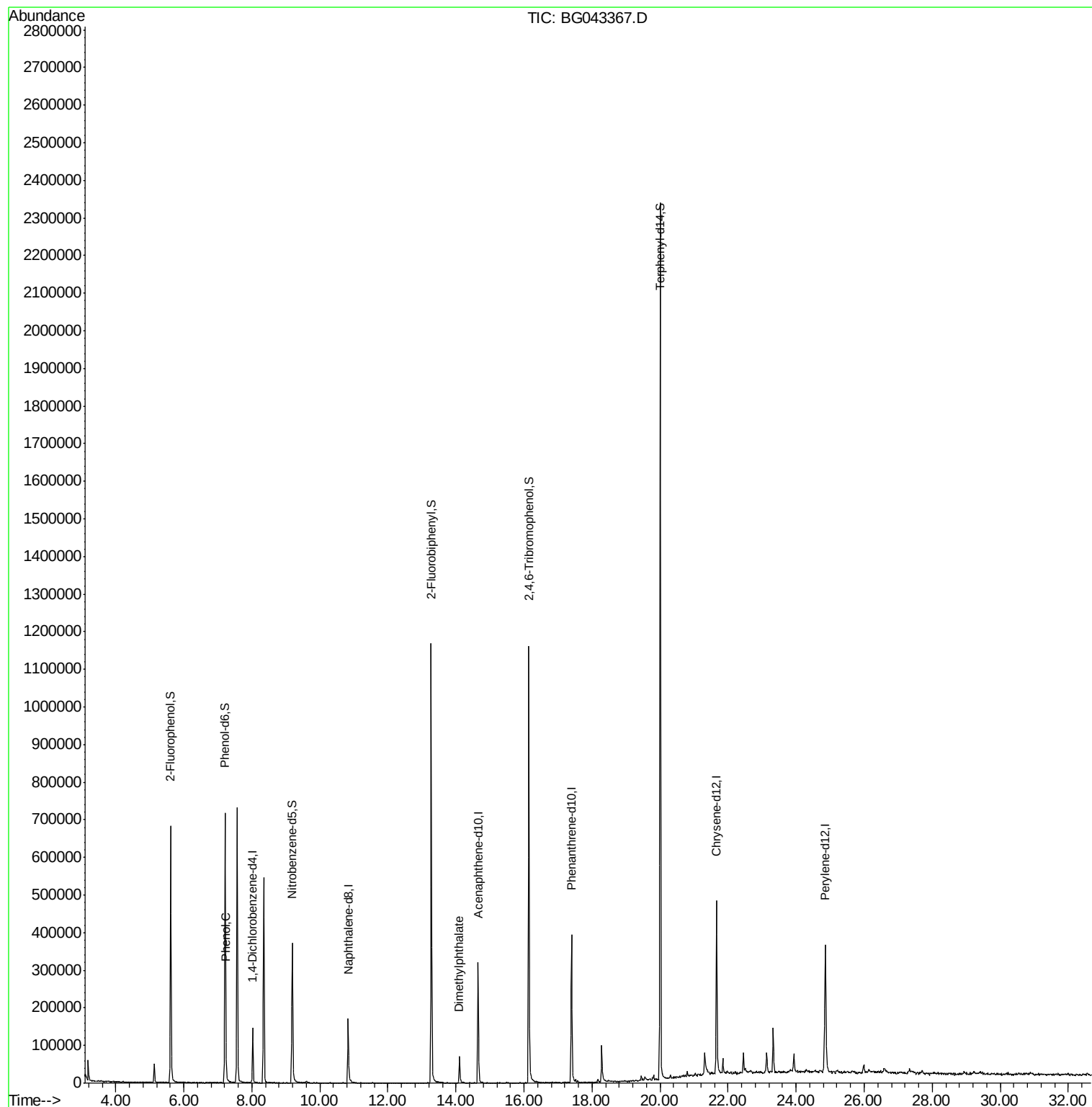
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44810	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	170606	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	123871	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	284788	20.00	ng	0.00
76) Chrysene-d12	21.66	240	320837	20.00	ng	0.00
87) Perylene-d12	24.85	264	377873	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	316009	129.23	ng	0.00
7) Phenol-d6	7.22	99	451129	128.22	ng	0.01
23) Nitrobenzene-d5	9.18	82	267427	80.81	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	281620	119.47	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	677317	75.56	ng	0.00
79) Terphenyl-d14	20.01	244	1259777	73.66	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12000	3.732	ng	76
50) Dimethylphthalate	14.10	163	60410	6.296	ng	# 95

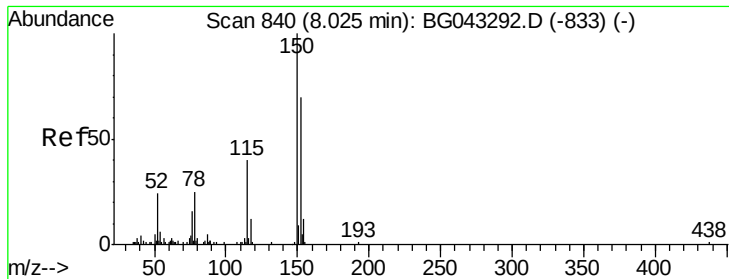
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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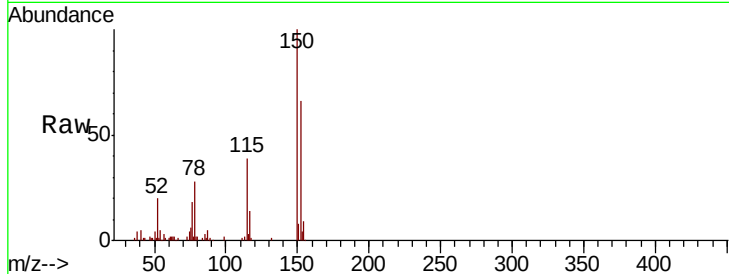


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :
171-06-(0-1.9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	113.6	170.4
115	59.7	45.9	68.9

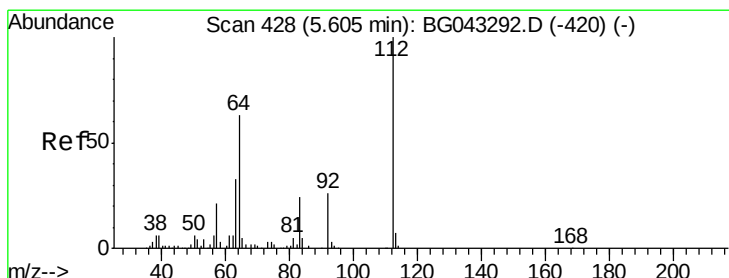
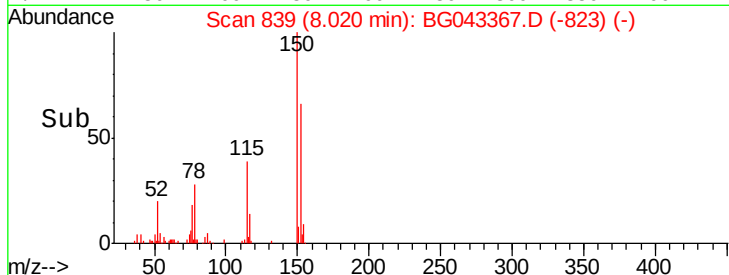
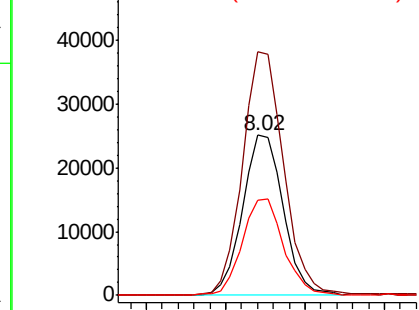


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

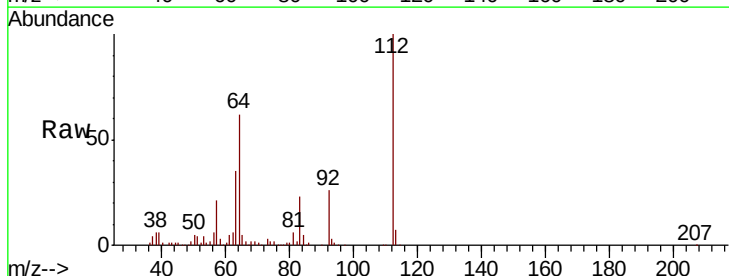
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.228 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.2
63	35.2	26.7	40.1

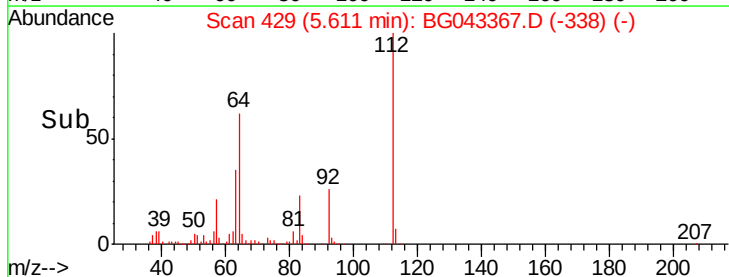
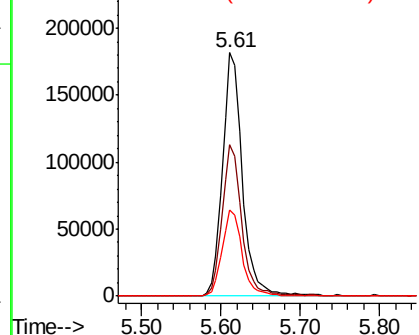


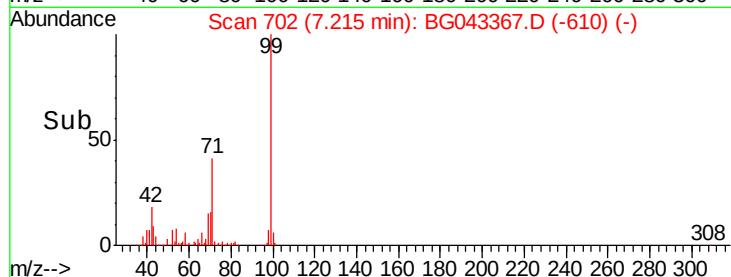
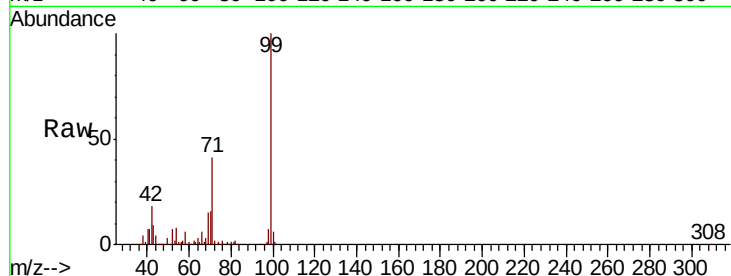
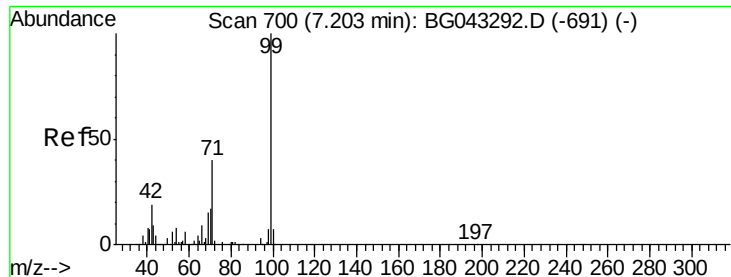
Abundance

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: 128.224 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043367.D

Acq: 29 Oct 2019 2:00

Instrument :

BNA_G

ClientSampleId :

171-06-(0-1.9)

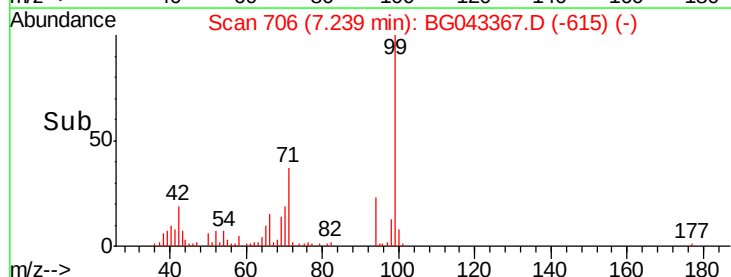
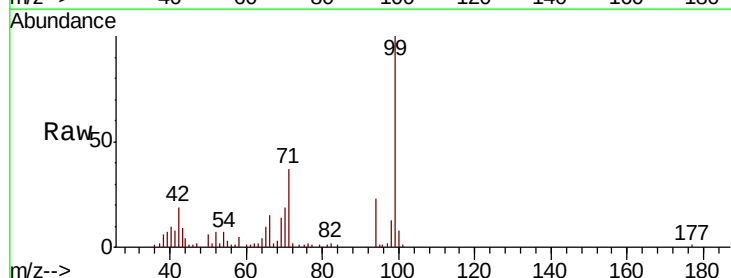
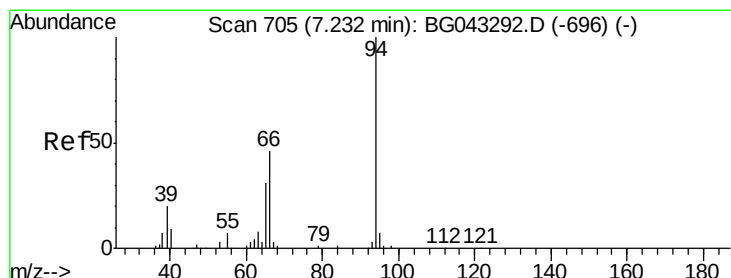
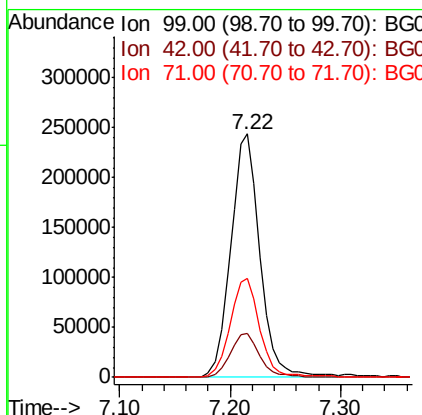
Tot Ion: 99 Resp: 451129

Ion Ratio Lower Upper

99 100

42 17.8 14.9 22.3

71 40.5 32.2 48.2



#10

Phenol

Concen: 3.732 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043367.D

Acq: 29 Oct 2019 2:00

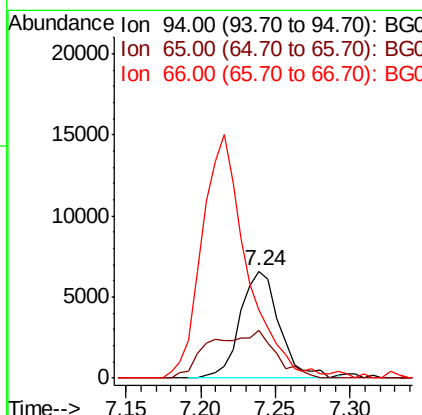
Tgt Ion: 94 Resp: 12000

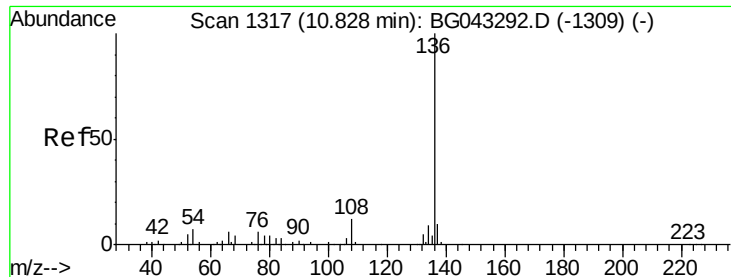
Ion Ratio Lower Upper

94 100

65 44.6 11.1 51.1

66 64.3 27.8 67.8

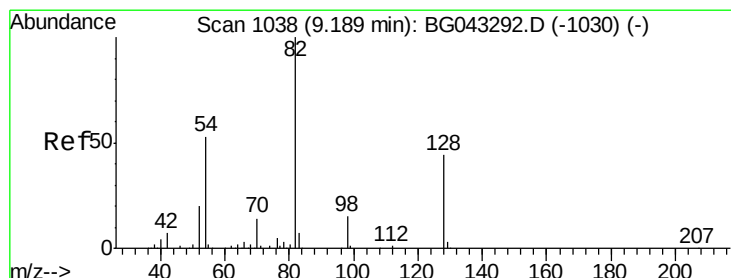
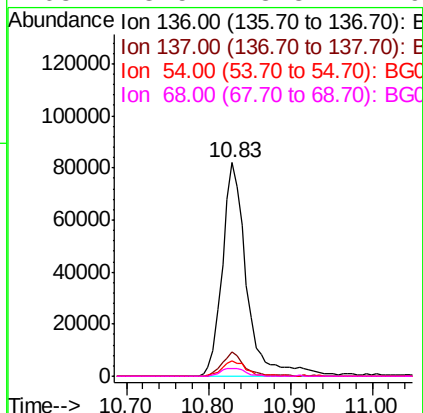
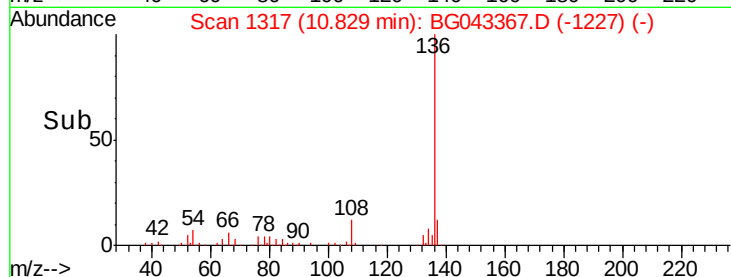
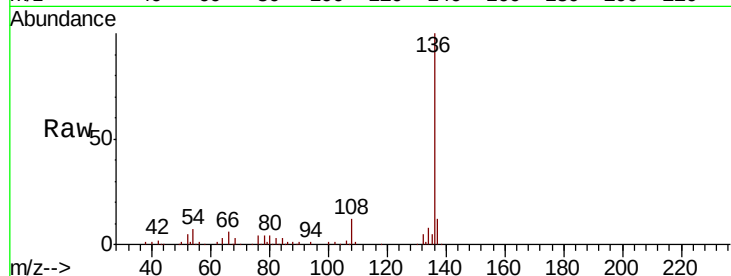




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

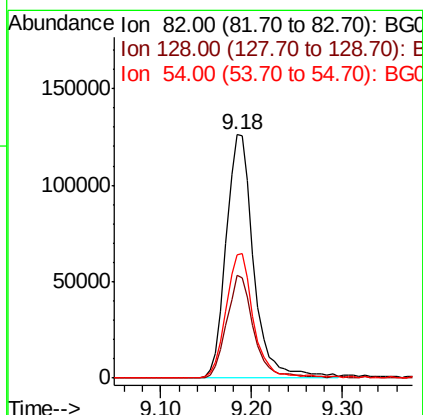
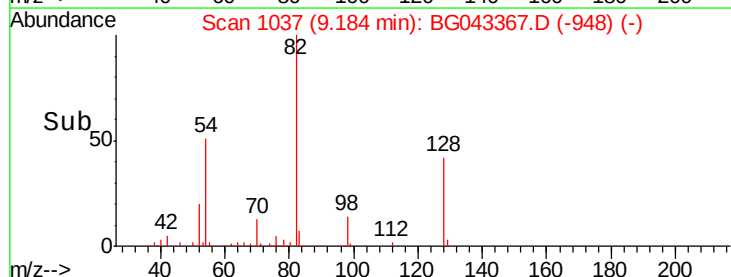
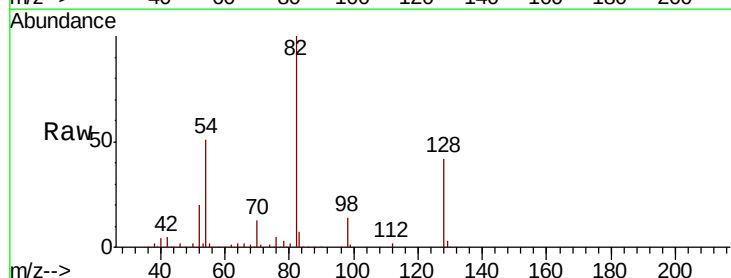
Instrument :
BNA_G
ClientSampleId :
171-06-(0-1.9)

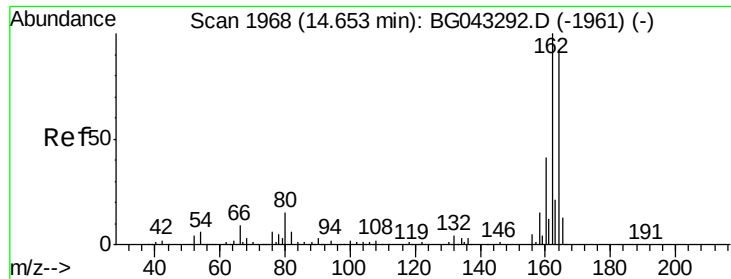
Tot Ion:136	Resp:	170606
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.2 12.2
54	7.4	5.4 8.2
68	3.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 80.812 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion: 82	Resp:	267427
Ion	Ratio	Lower Upper
82	100	
128	42.2	35.3 52.9
54	50.8	42.3 63.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043367.D

Acq: 29 Oct 2019 2:00

Instrument :

BNA_G

ClientSampleId :

171-06-(0-1.9)

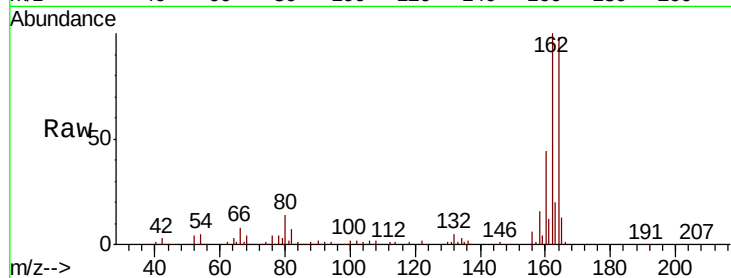
Tot Ion:164 Resp: 123871

Ion Ratio Lower Upper

164 100

162 102.0 87.0 130.4

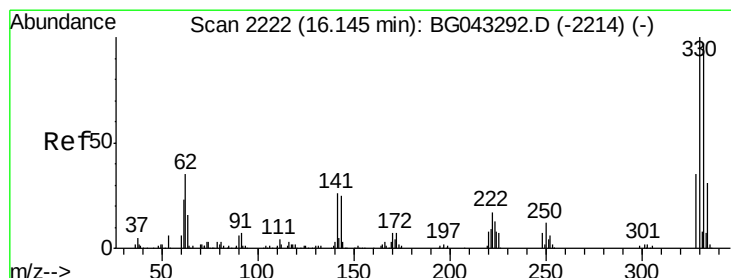
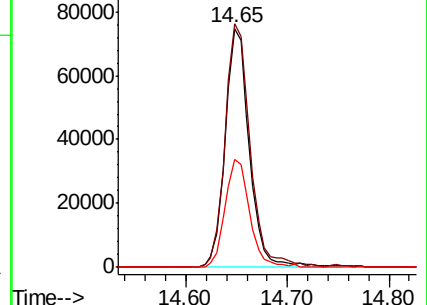
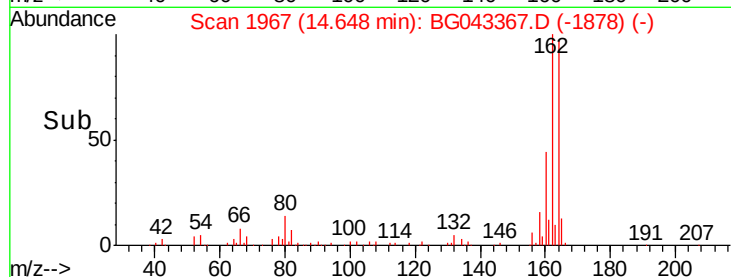
160 45.3 35.5 53.3



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



#42

2,4,6-Tribromophenol

Concen: 119.469 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043367.D

Acq: 29 Oct 2019 2:00

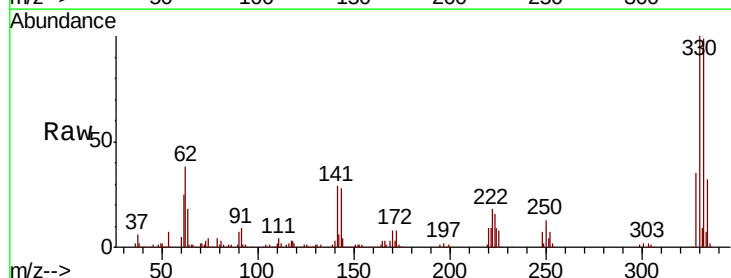
Tgt Ion:330 Resp: 281620

Ion Ratio Lower Upper

330 100

332 97.0 76.4 114.6

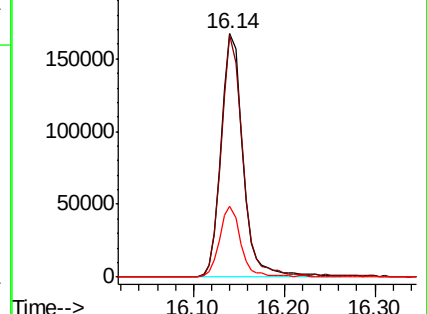
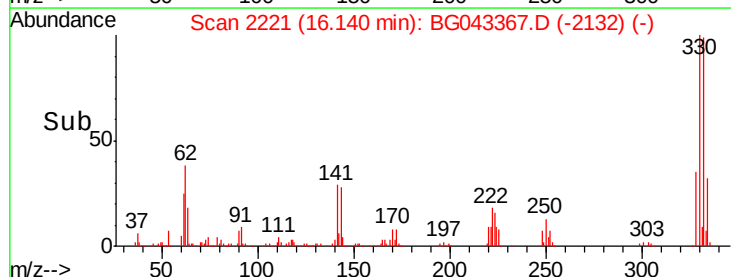
141 28.0 21.4 32.0

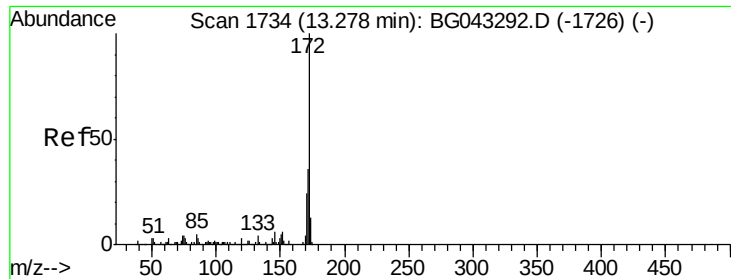


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

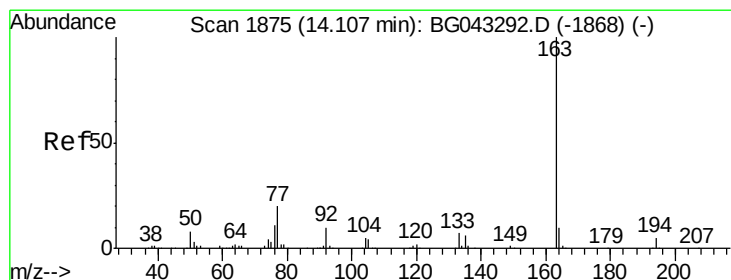
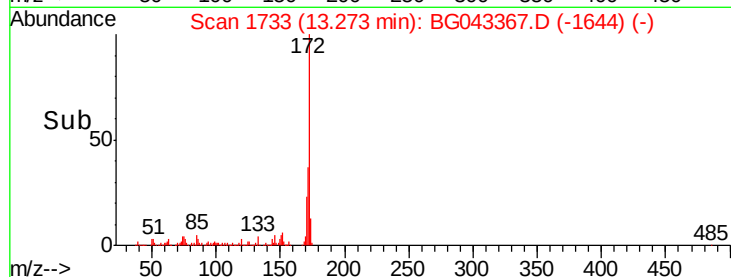
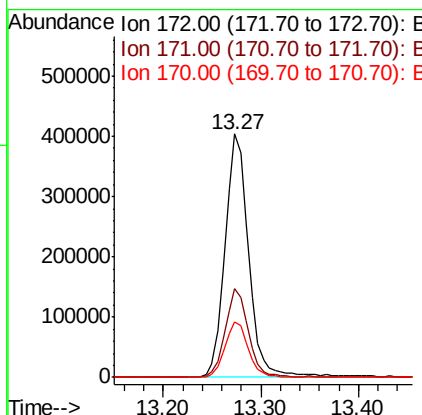
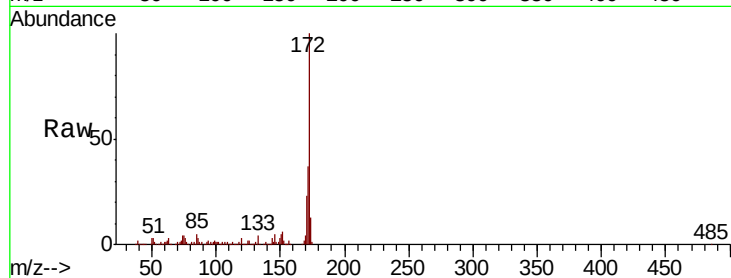




#45
2-Fluorobiphenyl
Concen: 75.556 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

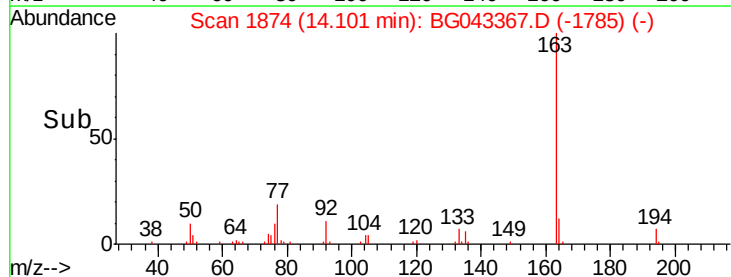
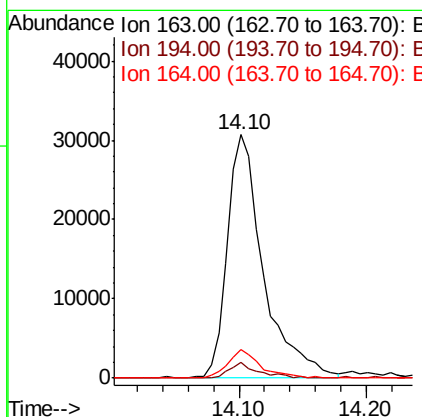
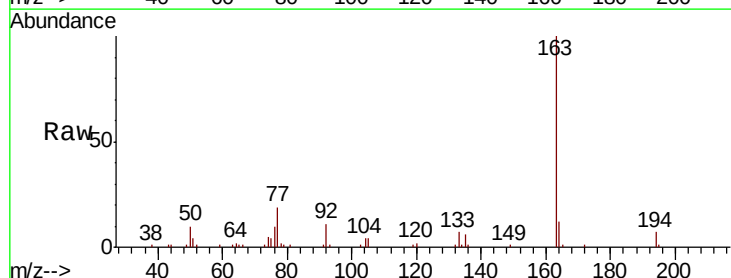
Instrument :
BNA_G
ClientSampleId :
171-06-(0-1.9)

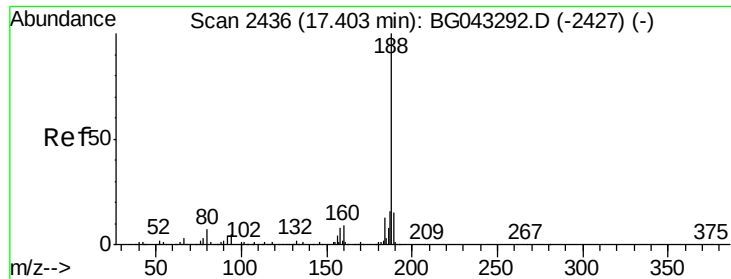
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	22.9	18.8	28.2



#50
Dimethylphthalate
Concen: 6.296 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.7	5.5#
164	12.0	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043367.D

Acq: 29 Oct 2019 2:00

Instrument :

BNA_G

ClientSampleId :

171-06-(0-1.9)

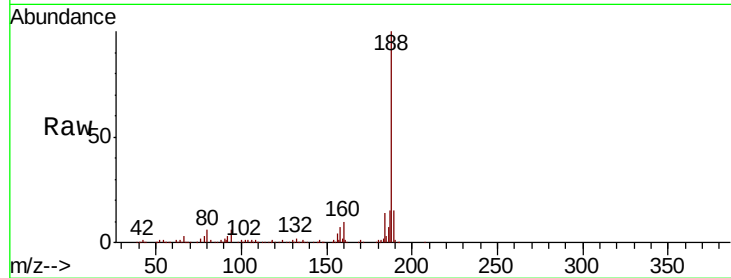
Tot Ion:188 Resp: 284788

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

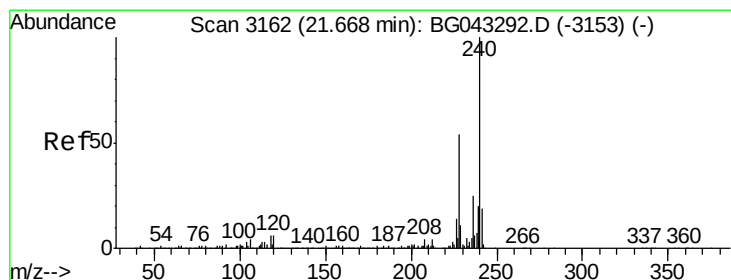
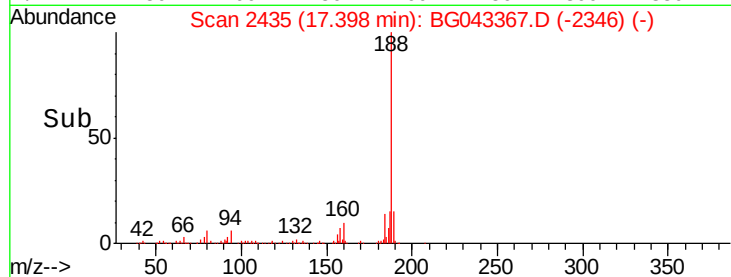
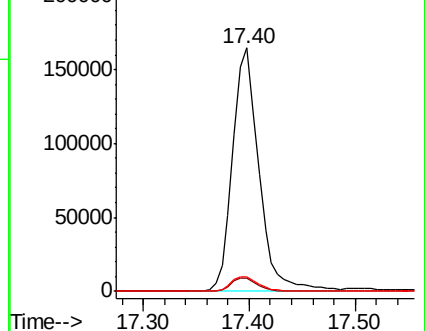
80 6.0 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043367.D

Acq: 29 Oct 2019 2:00

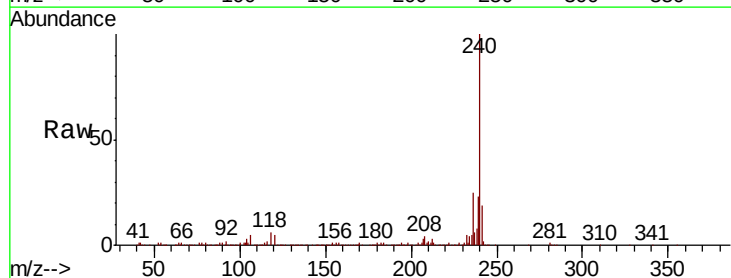
Tgt Ion:240 Resp: 320837

Ion Ratio Lower Upper

240 100

120 5.1 4.6 7.0

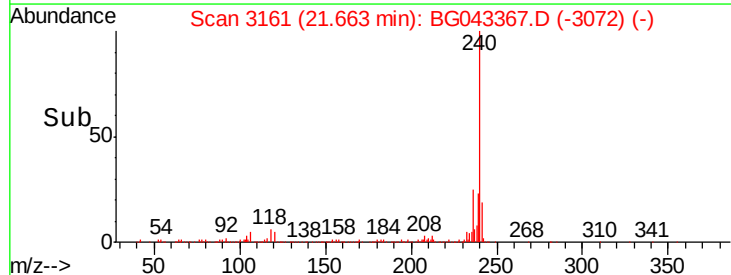
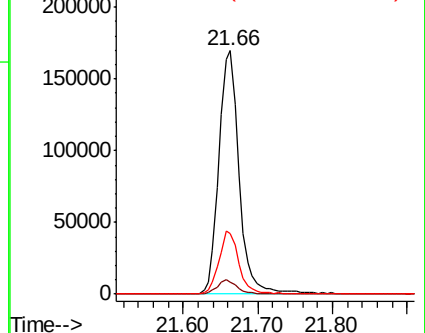
236 25.0 20.2 30.4

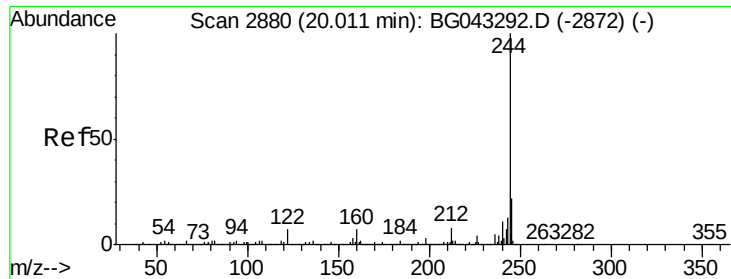


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.664 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043367.D

Acq: 29 Oct 2019 2:00

Instrument :

BNA_G

ClientSampleId :

171-06-(0-1.9)

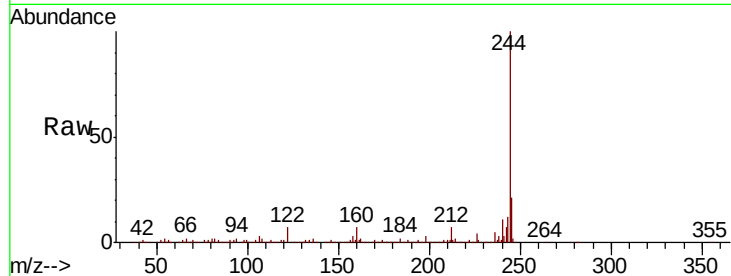
Tot Ion:244 Resp: 1259777

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	6.8	5.3	7.9

244 100

212 7.3 6.4 9.6

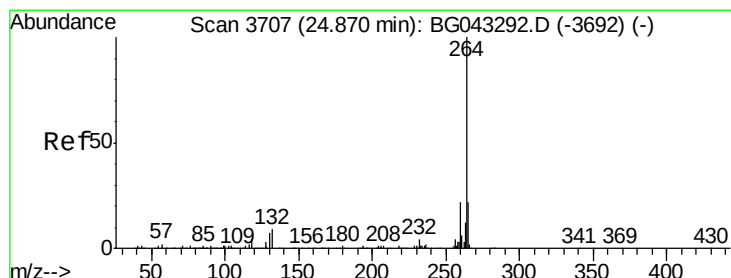
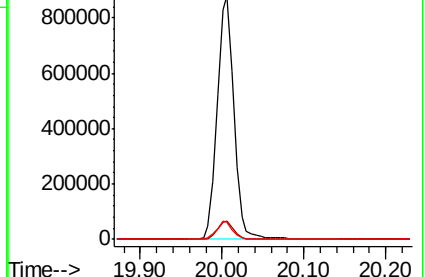
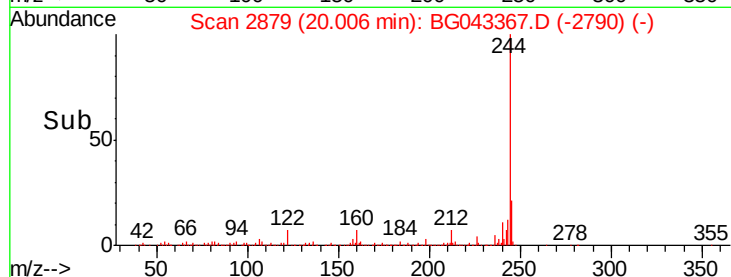
122 6.8 5.3 7.9



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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043367.D

Acq: 29 Oct 2019 2:00

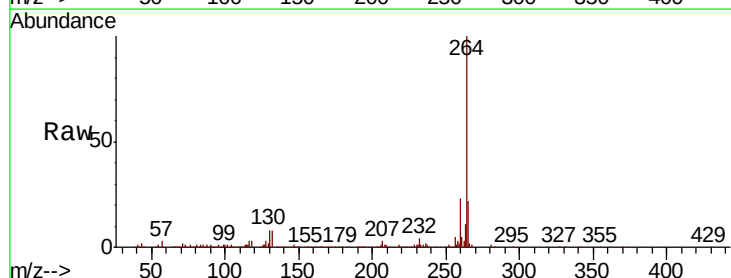
Tgt Ion:264 Resp: 377873

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	21.9	17.4	26.2

264 100

260 22.7 17.9 26.9

265 21.9 17.4 26.2



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

