

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043517.D
 Acq On : 5 Nov 2019 21:03
 Operator : JU
 Sample : K5662-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1

Quant Time: Nov 06 02:30:14 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

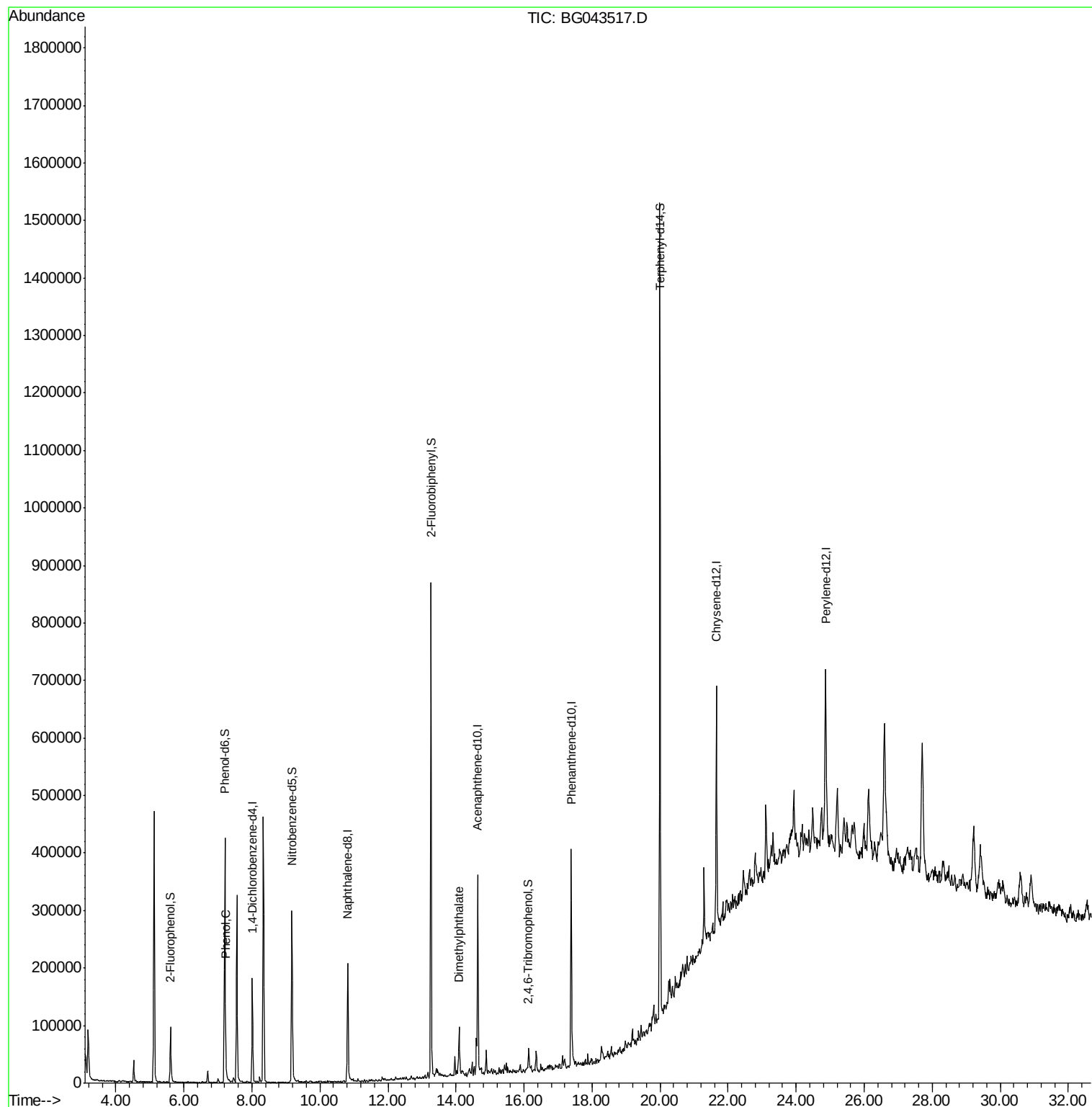
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	54801	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	199934	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	125009	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	270843	20.00	ng	0.00
76) Chrysene-d12	21.66	240	279047	20.00	ng	0.00
87) Perylene-d12	24.86	264	329694	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	51990	17.38	ng	0.01
7) Phenol-d6	7.20	99	285401	66.33	ng	0.00
23) Nitrobenzene-d5	9.18	82	206107	53.15	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	10784	4.53	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	510500	56.43	ng	0.00
79) Terphenyl-d14	20.00	244	795618	53.49	ng	0.00
Target Compounds						
10) Phenol	7.23	94	10967	2.789	ng	Qvalue # 71
50) Dimethylphthalate	14.09	163	58087	5.999	ng	98

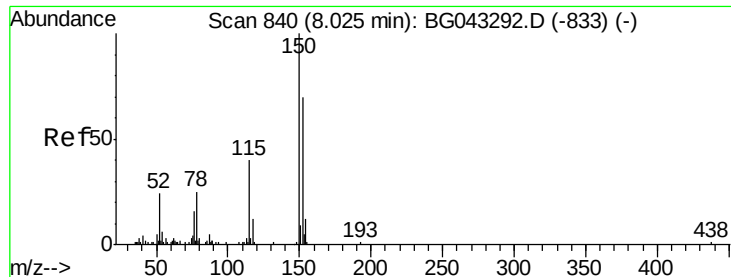
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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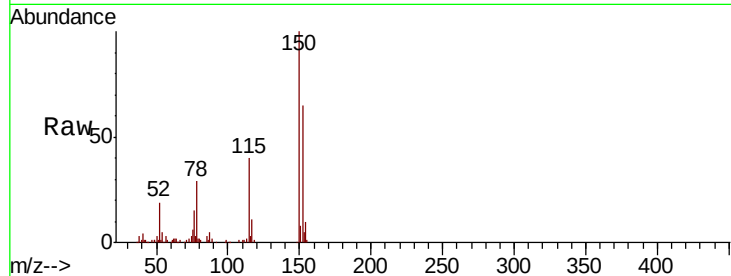


#1

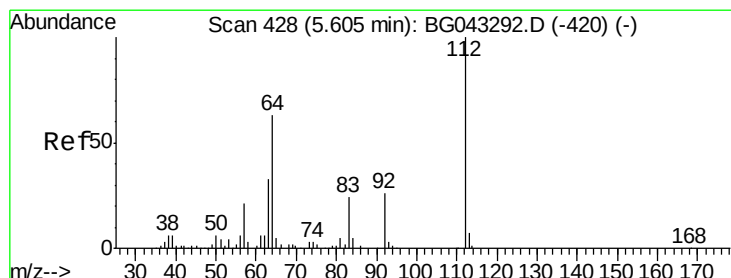
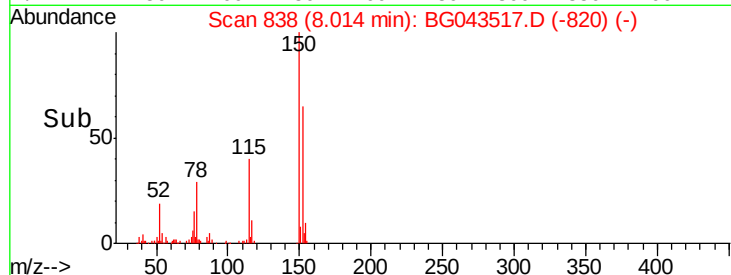
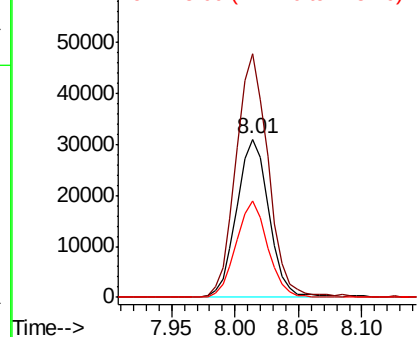
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG043517.D
Acq: 5 Nov 2019 21:03

Instrument :
BNA_G
ClientSampleId :
S-1

Tot Ion:152 Resp: 54801
Ion Ratio Lower Upper
152 100
150 154.1 129.4 194.0
115 60.9 48.8 73.2



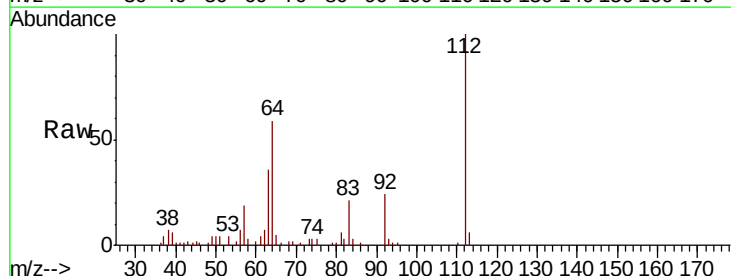
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



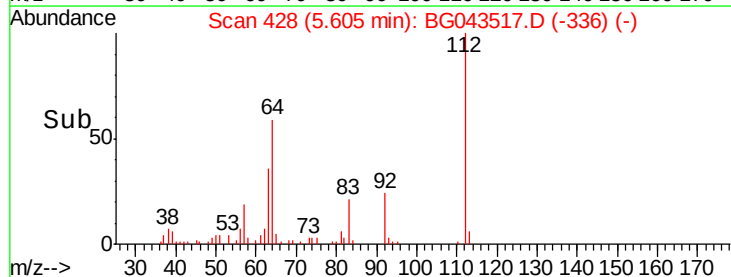
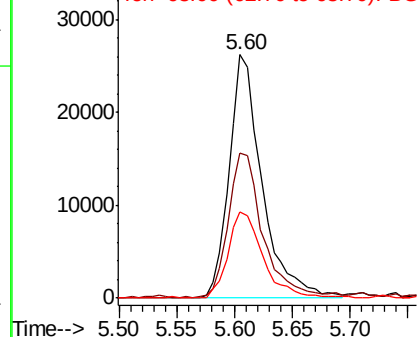
#5

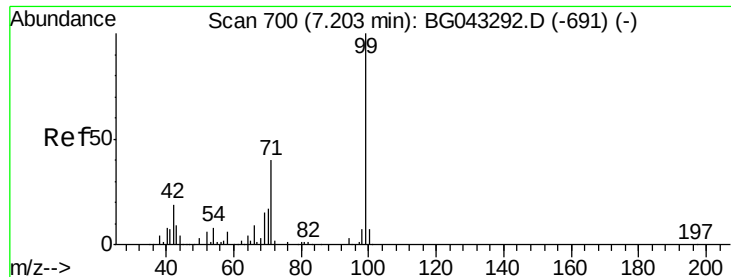
2-Fluorophenol
Concen: 17.385 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043517.D
Acq: 5 Nov 2019 21:03

Tgt Ion:112 Resp: 51990
Ion Ratio Lower Upper
112 100
64 59.4 50.0 75.0
63 35.5 26.6 40.0



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





#7

Phenol-d6

Concen: 66.330 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043517.D

Acq: 5 Nov 2019 21:03

Instrument :

BNA_G

ClientSampleId :

S-1

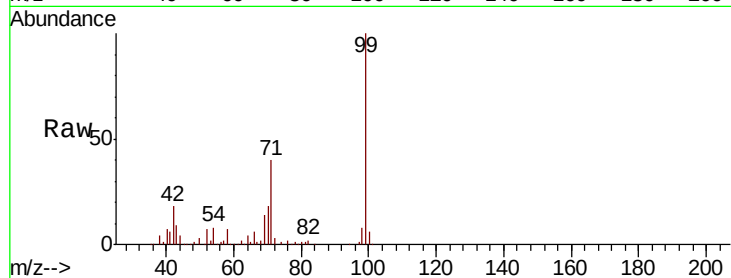
Tot Ion: 99 Resp: 285401

Ion Ratio Lower Upper

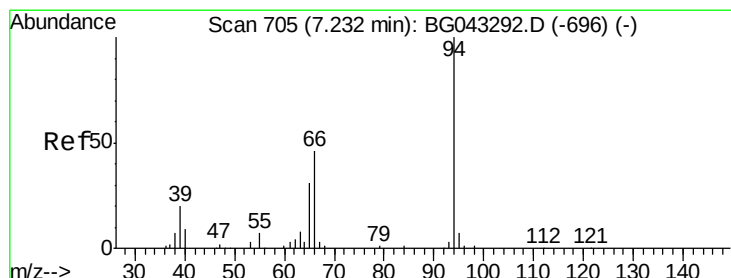
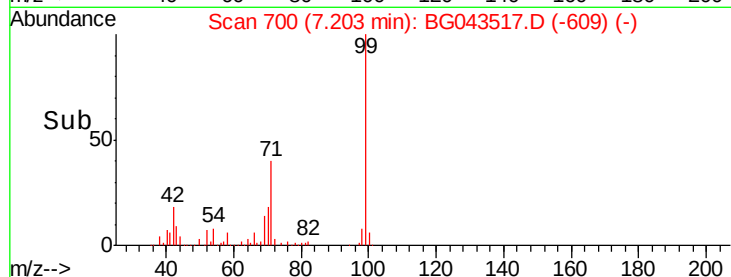
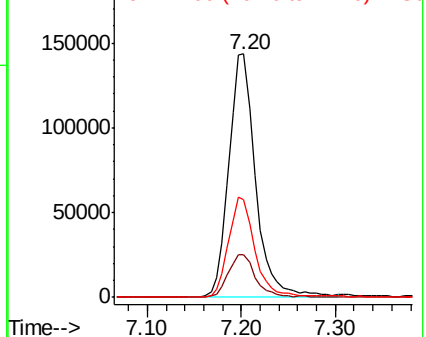
99 100

42 17.6 14.6 21.8

71 40.1 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: 2.789 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043517.D

Acq: 5 Nov 2019 21:03

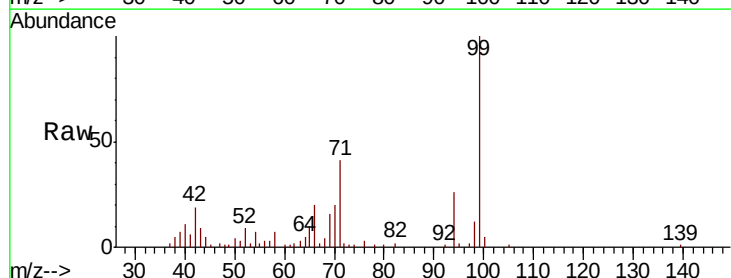
Tgt Ion: 94 Resp: 10967

Ion Ratio Lower Upper

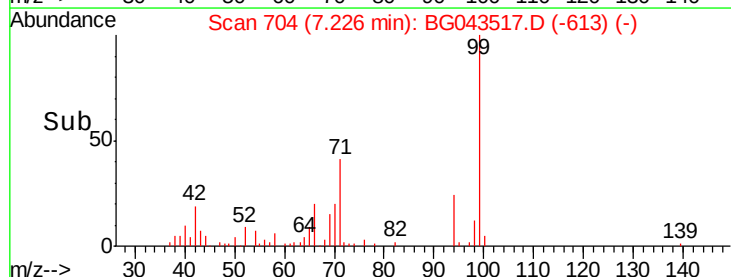
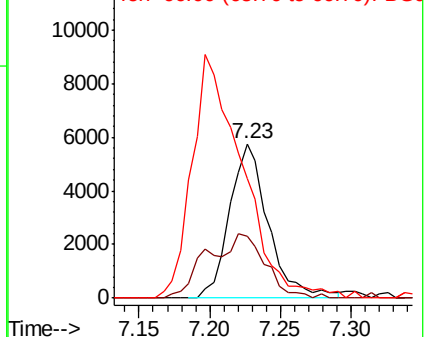
94 100

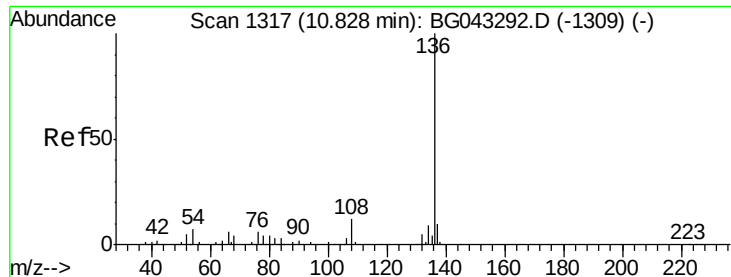
65 40.2 12.6 52.6

66 77.4 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

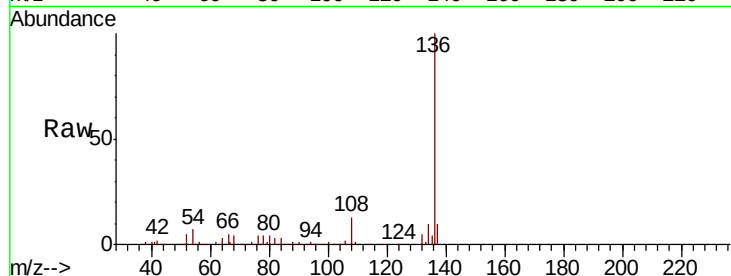




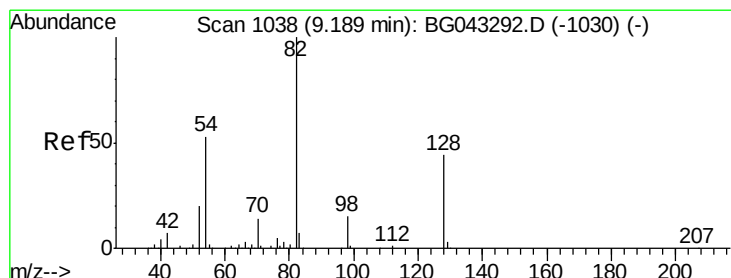
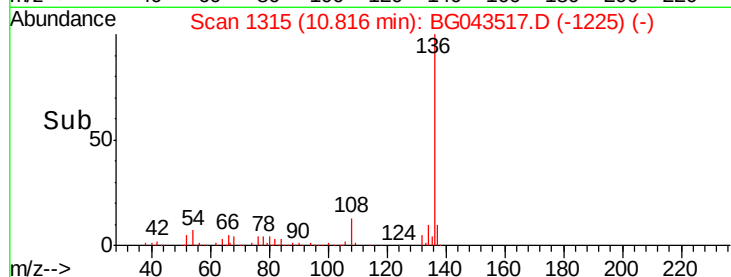
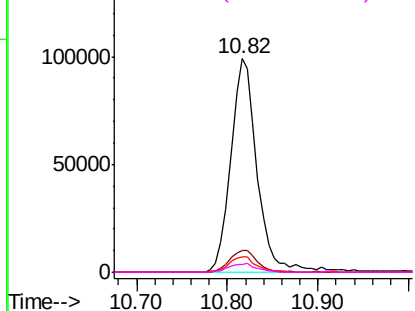
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043517.D
Acq: 5 Nov 2019 21:03

Instrument :
BNA_G
ClientSampleId :
S-1

Tot Ion:136	Resp:	199934
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.7 13.1
54	7.2	5.4 8.2
68	3.5	3.0 4.4

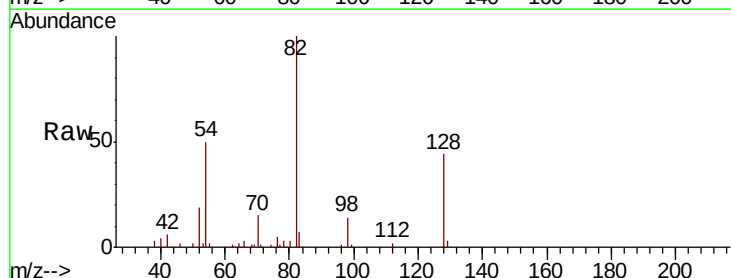


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

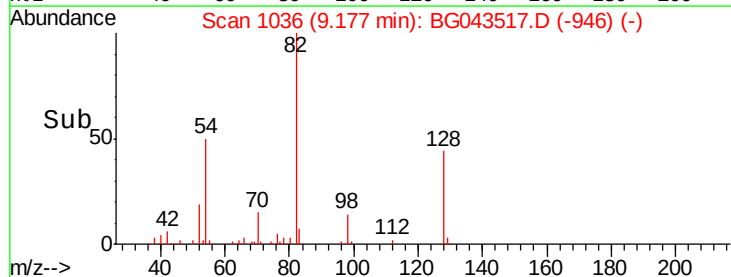
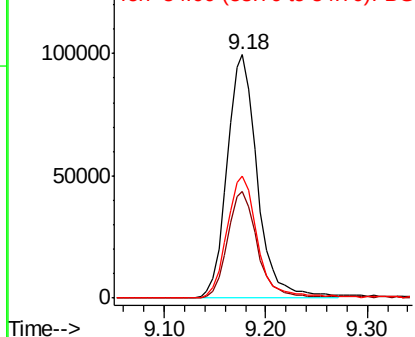


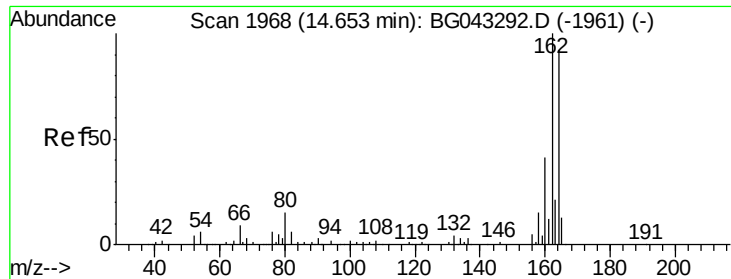
#23
Nitrobenzene-d5
Concen: 53.146 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG043517.D
Acq: 5 Nov 2019 21:03

Tgt Ion: 82	Resp:	206107
Ion	Ratio	Lower Upper
82	100	
128	43.9	35.0 52.6
54	50.1	40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG043517.D

Acq: 5 Nov 2019 21:03

Instrument :

BNA_G

ClientSampled :

S-1

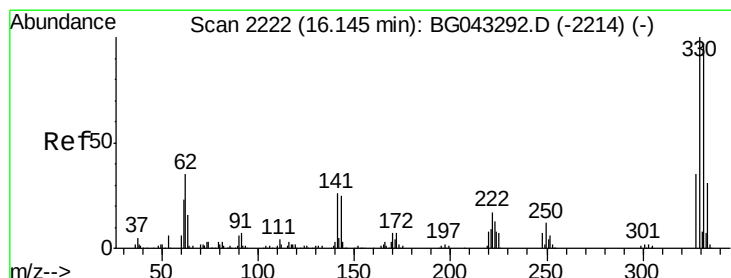
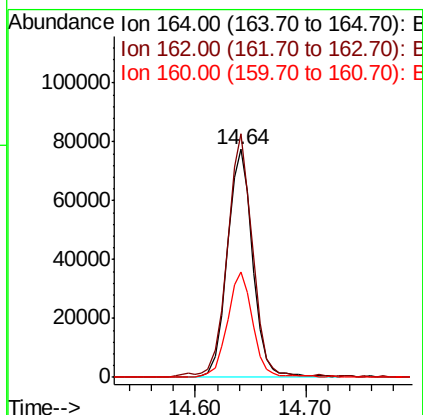
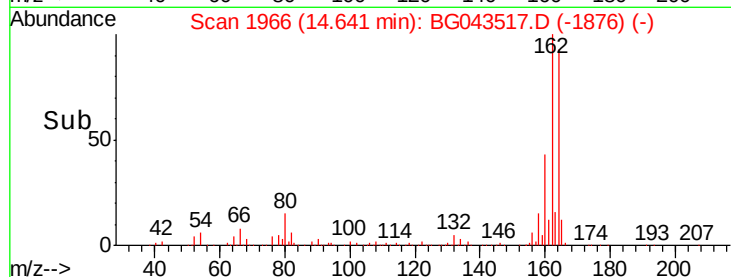
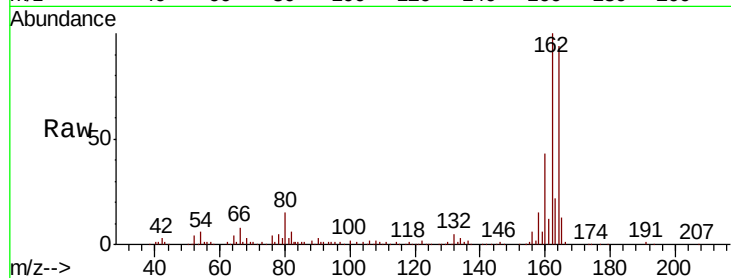
Tot Ion:164 Resp: 125009

Ion Ratio Lower Upper

164 100

162 106.9 83.5 125.3

160 46.0 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 4.533 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG043517.D

Acq: 5 Nov 2019 21:03

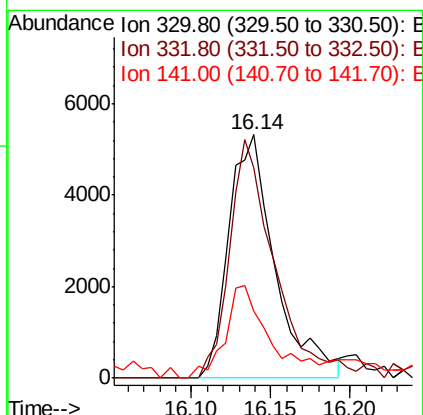
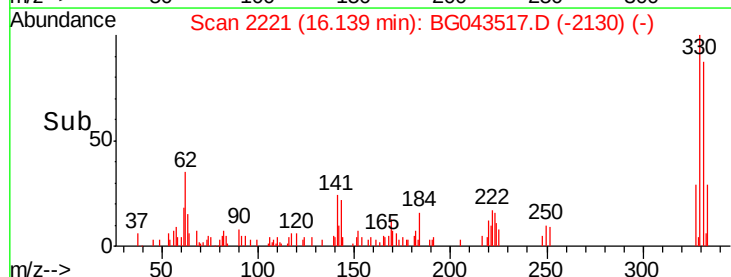
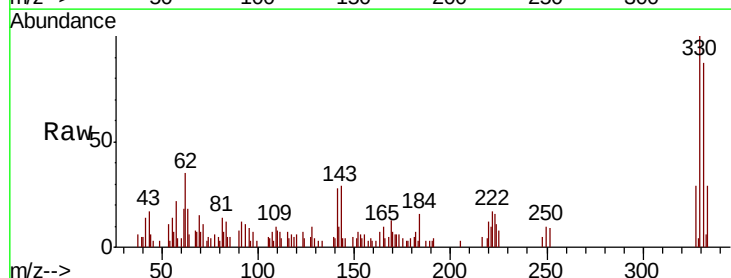
Tgt Ion:330 Resp: 10784

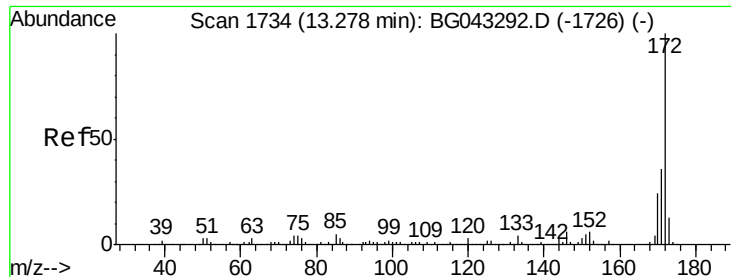
Ion Ratio Lower Upper

330 100

332 94.6 77.4 116.0

141 36.5 22.8 34.2#

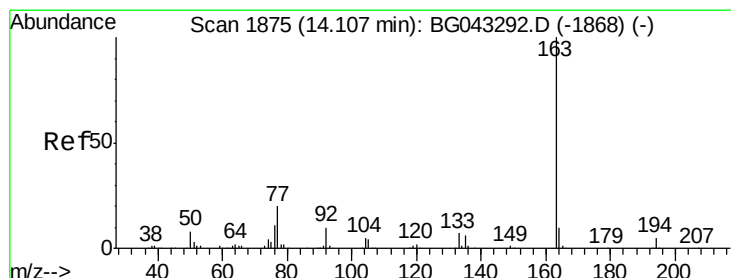
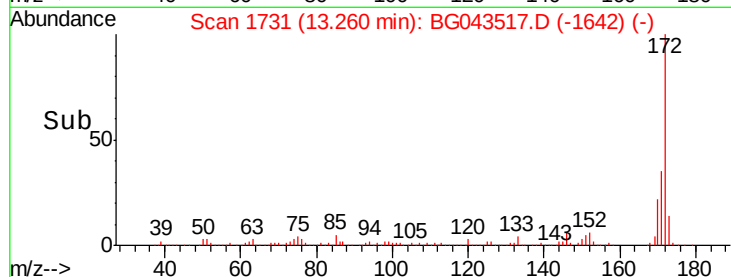
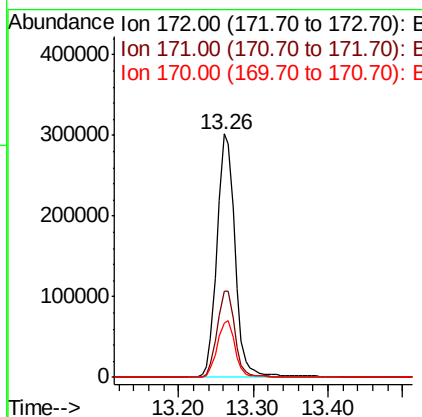
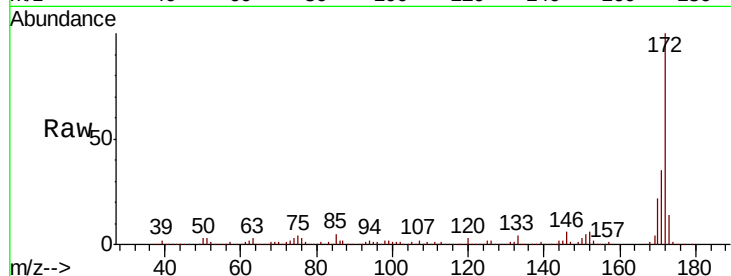




#45
2-Fluorobiphenyl
Concen: 56.429 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043517.D
Acq: 5 Nov 2019 21:03

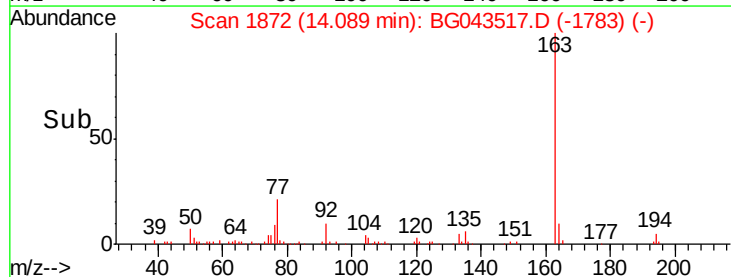
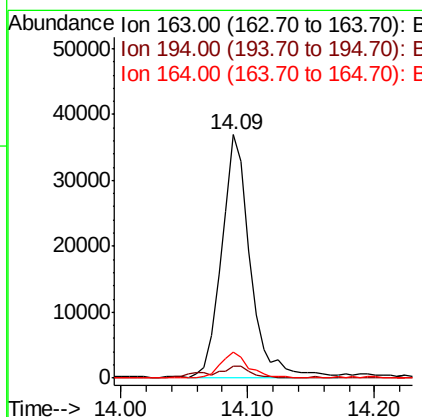
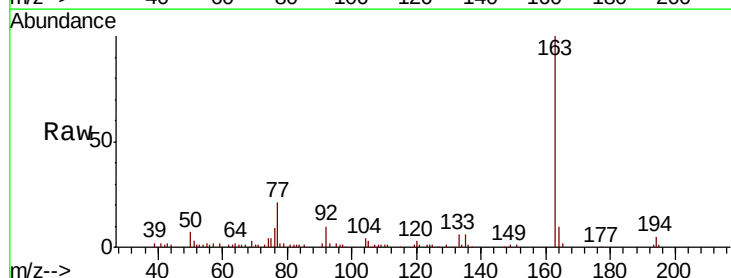
Instrument :
BNA_G
ClientSampleId :
S-1

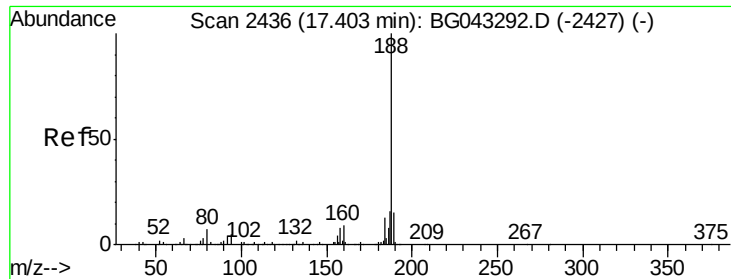
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	22.2	18.5	27.7



#50
Dimethylphthalate
Concen: 5.999 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043517.D
Acq: 5 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.6
164	10.5	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043517.D

Acq: 5 Nov 2019 21:03

Instrument :

BNA_G

ClientSampleId :

S-1

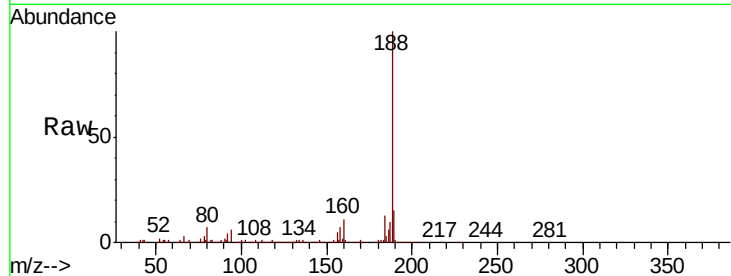
Tot Ion:188 Resp: 270843

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

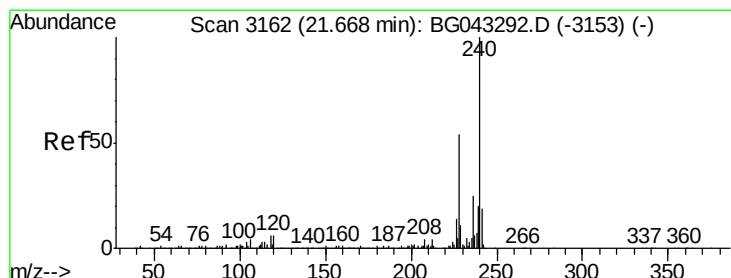
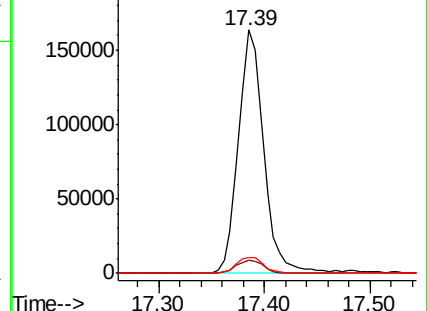
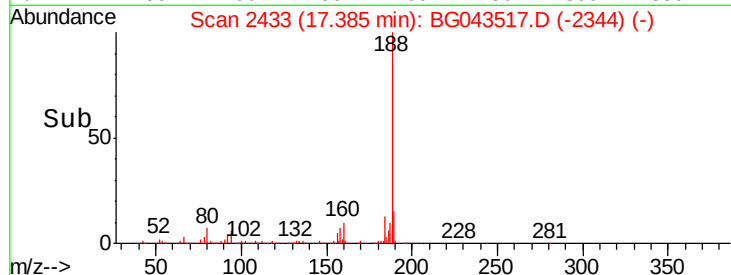
80 6.6 4.5 6.7



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: 21.66 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG043517.D

Acq: 5 Nov 2019 21:03

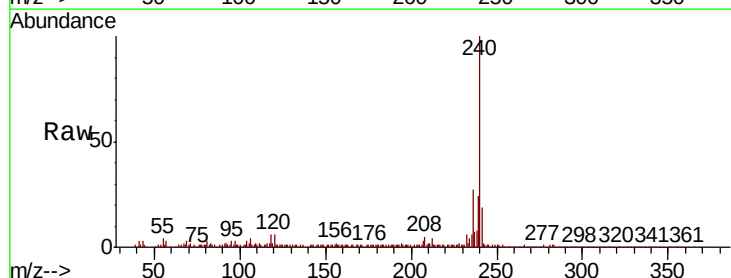
Tgt Ion:240 Resp: 279047

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

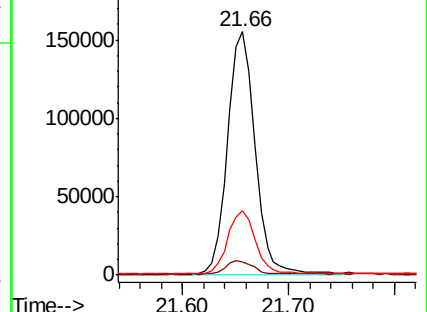
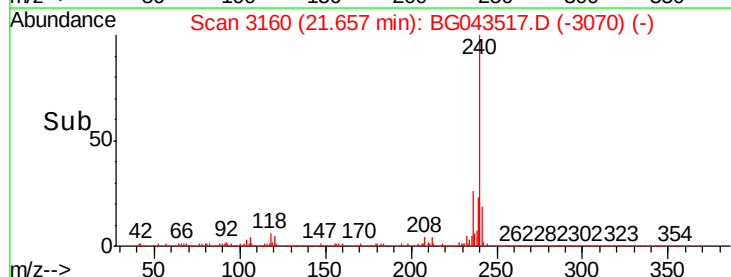
236 26.6 19.8 29.8

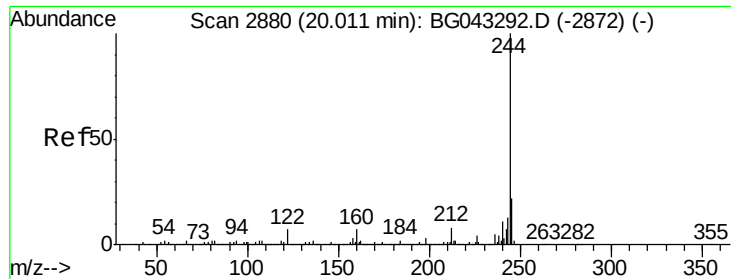


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.490 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG043517.D

Acq: 5 Nov 2019 21:03

Instrument :

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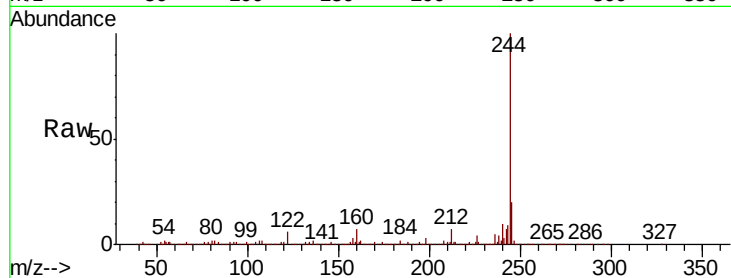
Tot Ion:244 Resp: 795618

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

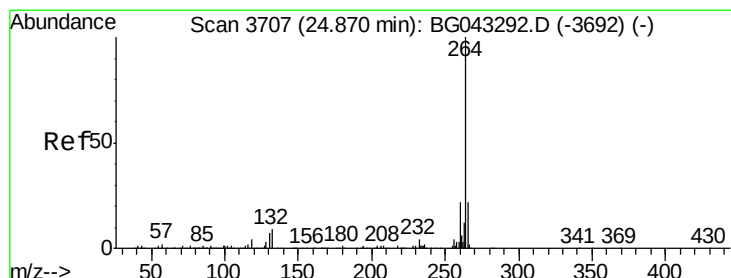
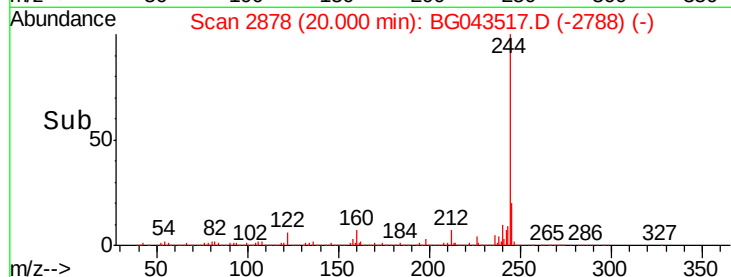
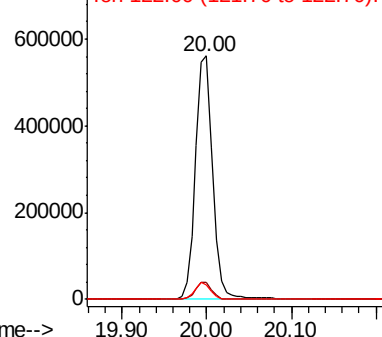
122 6.2 5.4 8.2



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: 24.86 min Scan# 3706

Delta R.T. 0.01 min

Lab File: BG043517.D

Acq: 5 Nov 2019 21:03

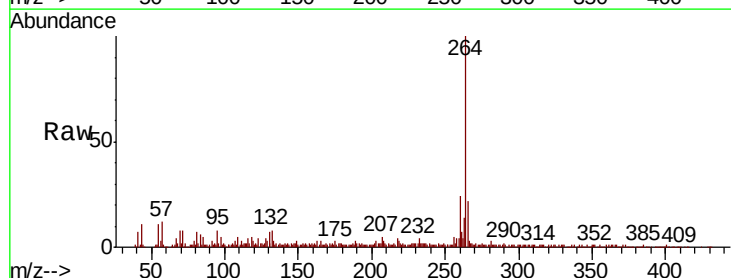
Tgt Ion:264 Resp: 329694

Ion Ratio Lower Upper

264 100

260 24.5 17.5 26.3

265 22.4 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

