

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042882.D
 Acq On : 18 Sep 2019 00:29
 Operator : HP/JU
 Sample : K4871-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11

Quant Time: Sep 18 02:30:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

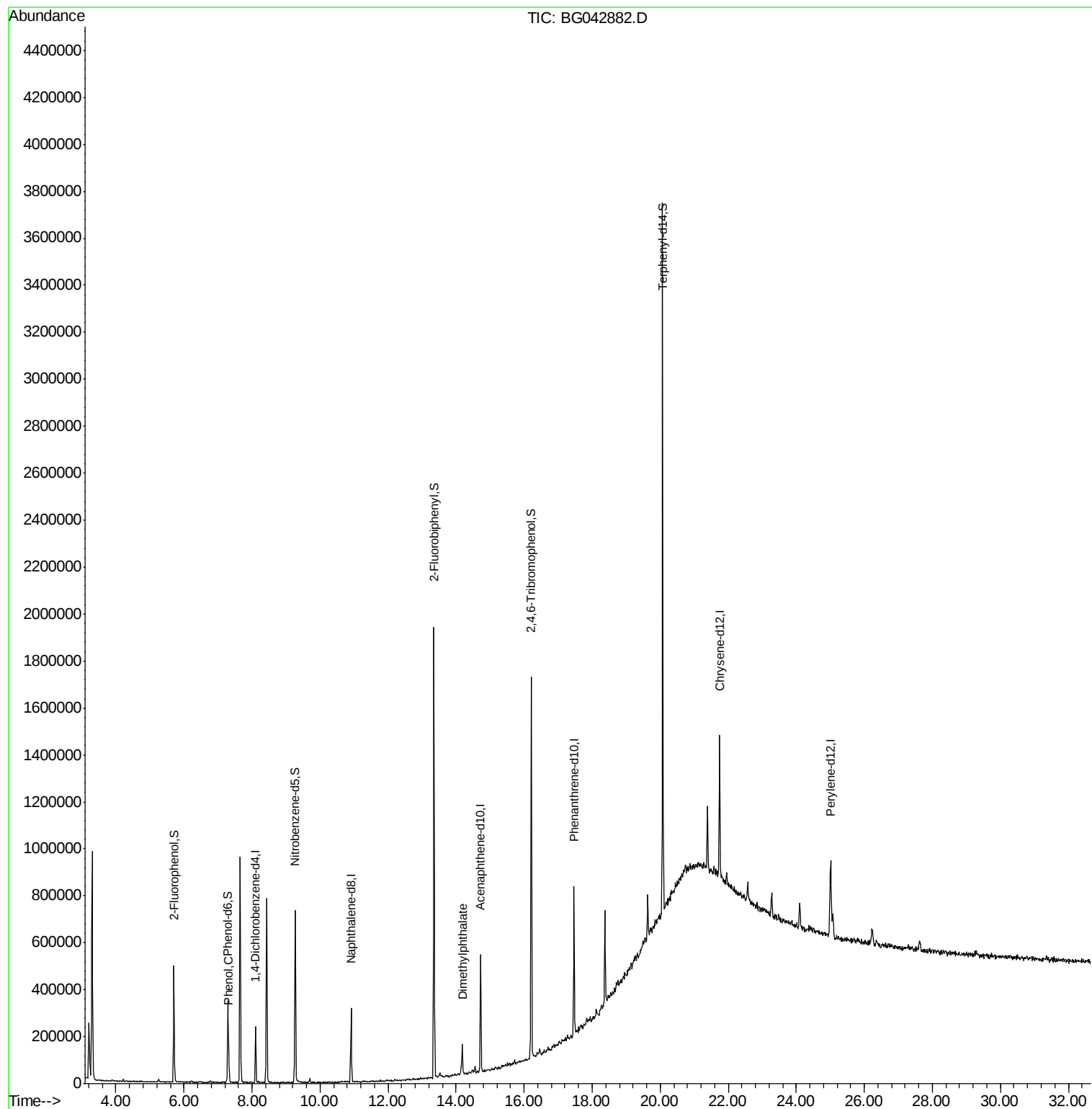
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62163	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	262195	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	175360	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	389746	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	364422	20.00	ng	-0.01
87) Perylene-d12	25.01	264	390139	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	194924	54.52	ng	0.01
7) Phenol-d6	7.29	99	179378	34.95	ng	0.03
23) Nitrobenzene-d5	9.27	82	437731	86.92	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	322247	138.12	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	999852	90.25	ng	-0.02
79) Terphenyl-d14	20.07	244	1448431	88.09	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	36410	6.918	ng	89
50) Dimethylphthalate	14.18	163	84844	6.459	ng	98

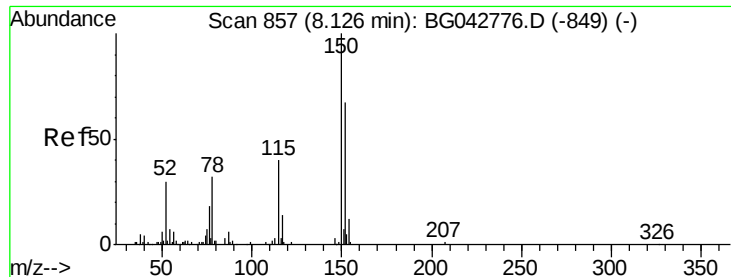
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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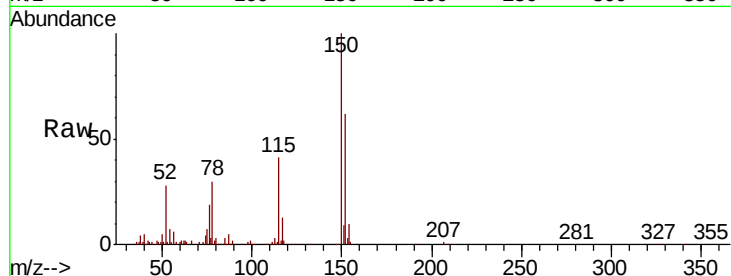


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BG042882.D
 Acq: 18 Sep 2019 00:29

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	118.9	178.3
115	65.9	47.4	71.2

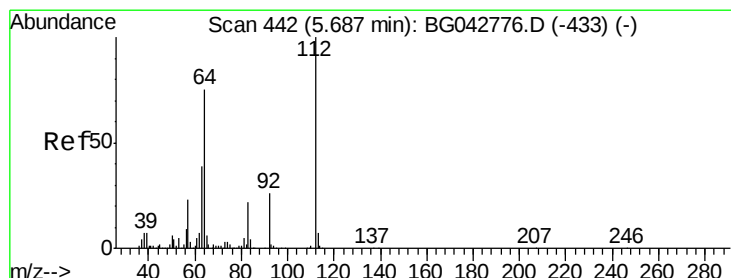
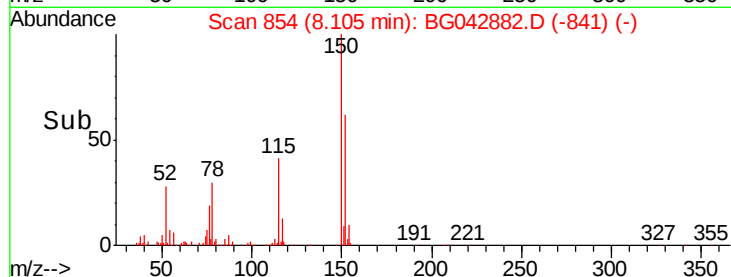
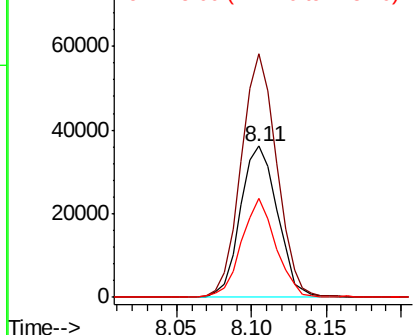


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

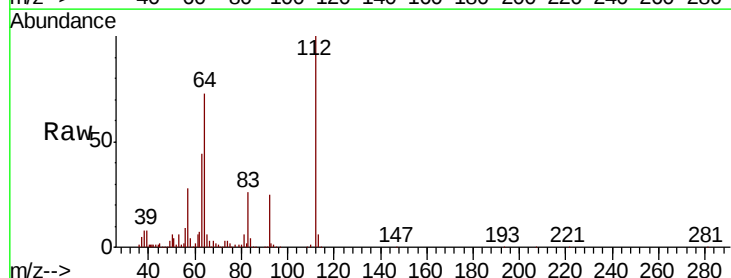
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 54.516 ng
 RT: 5.70 min Scan# 445
 Delta R.T. 0.01 min
 Lab File: BG042882.D
 Acq: 18 Sep 2019 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	60.2	90.2
63	43.8	31.2	46.8

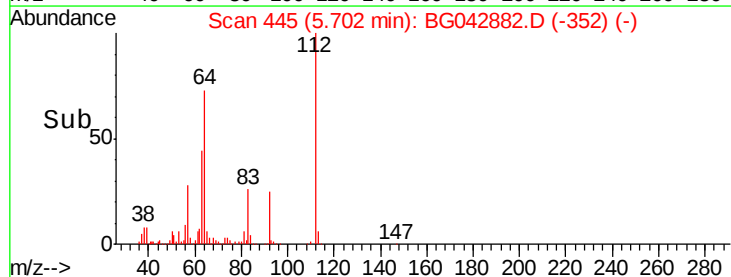
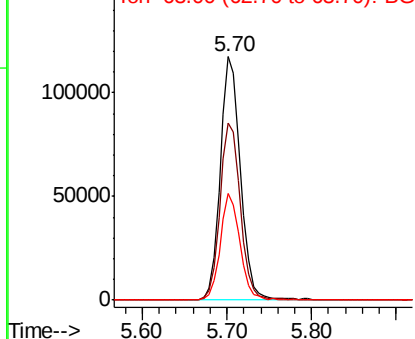


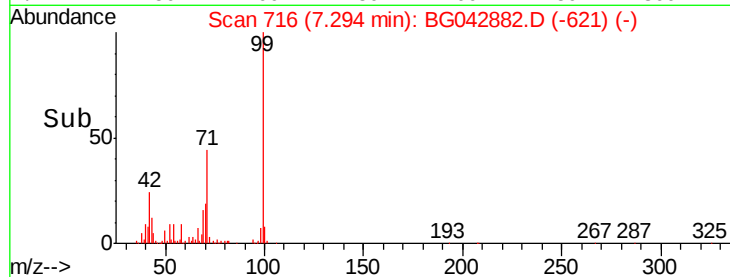
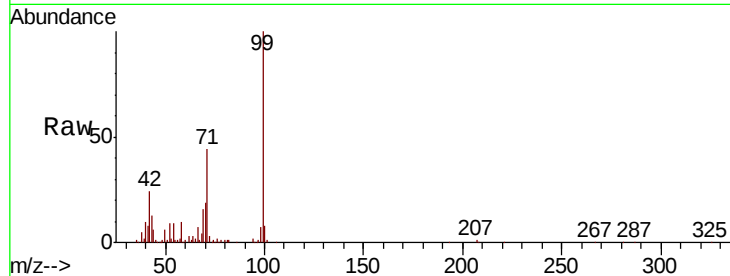
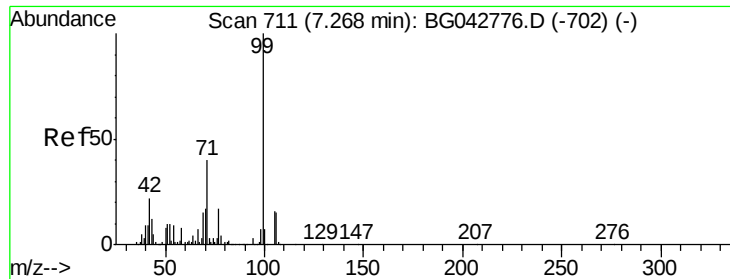
Abundance

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: 34.952 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042882.D

Acq: 18 Sep 2019 00:29

Instrument :

BNA_G

ClientSampleId :

VE-4-11

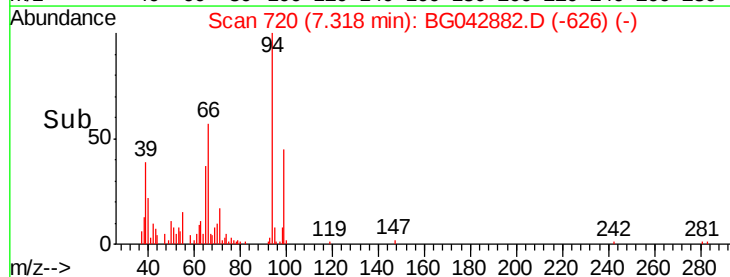
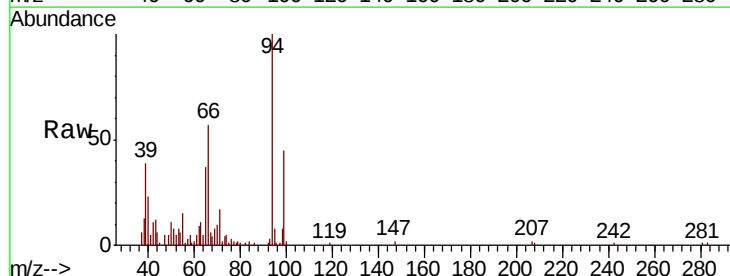
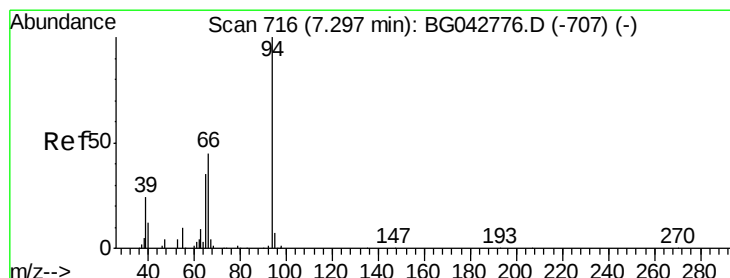
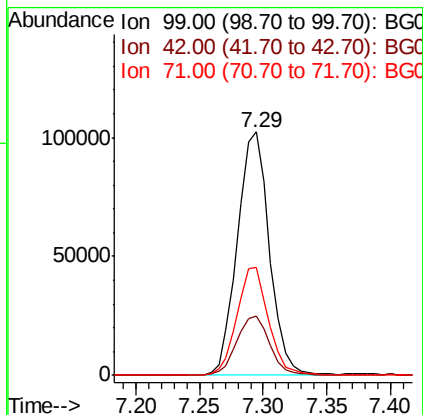
Tot Ion: 99 Resp: 179378

Ion Ratio Lower Upper

99 100

42 24.3 17.5 26.3

71 44.2 32.0 48.0



#10

Phenol

Concen: 6.918 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BG042882.D

Acq: 18 Sep 2019 00:29

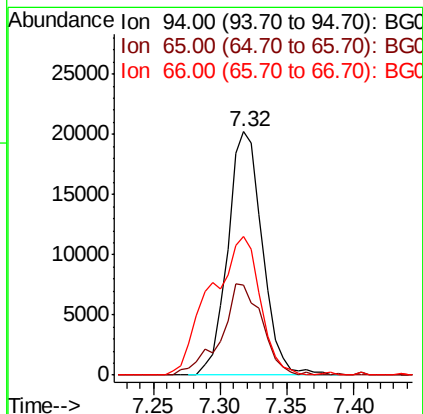
Tgt Ion: 94 Resp: 36410

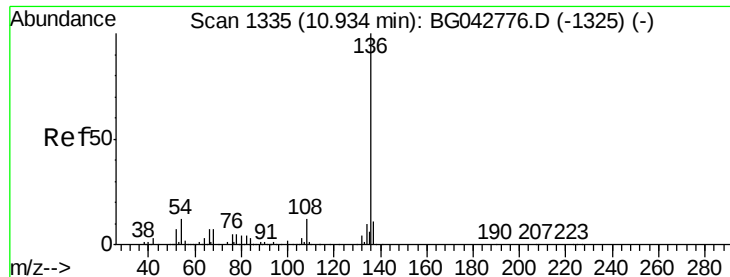
Ion Ratio Lower Upper

94 100

65 36.8 15.0 55.0

66 56.8 26.1 66.1

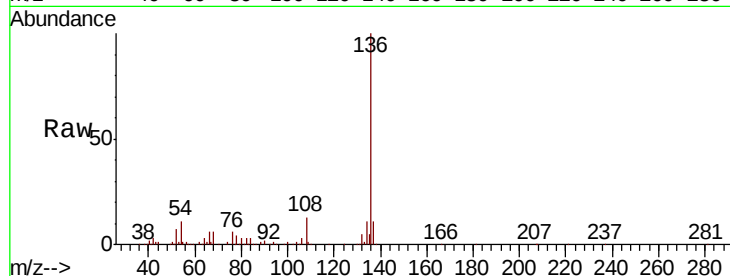




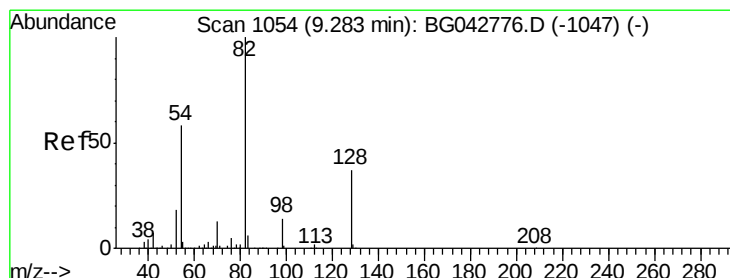
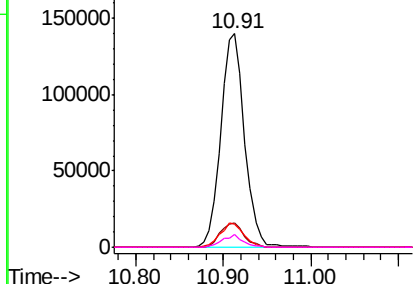
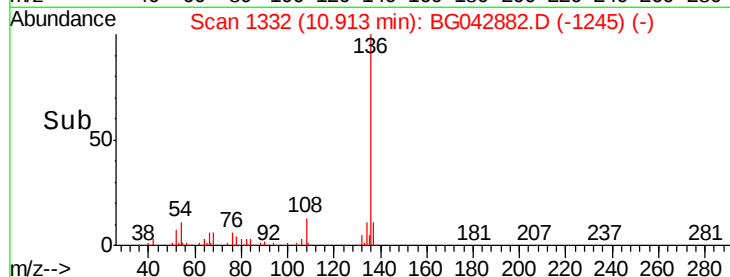
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042882.D
Acq: 18 Sep 2019 00:29

Instrument :
BNA_G
ClientSampleId :
VE-4-11

Tot Ion:136	Resp:	262195
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.0 13.6
54	10.7	9.4 14.0
68	5.8	5.4 8.2

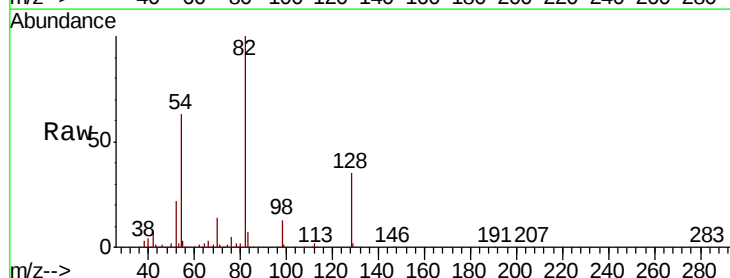


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

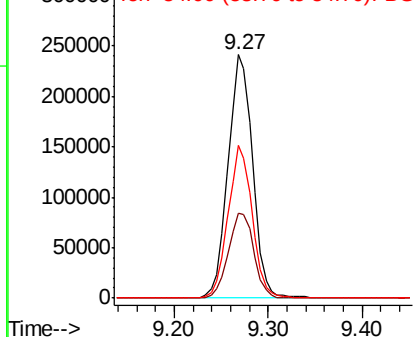
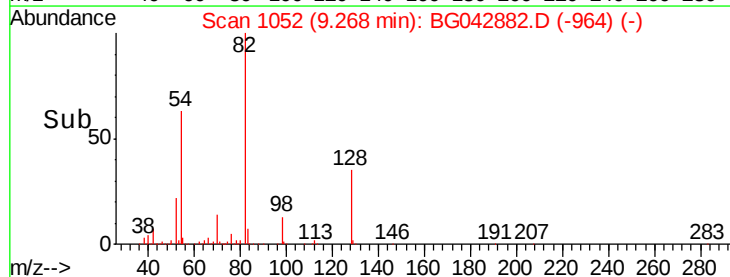


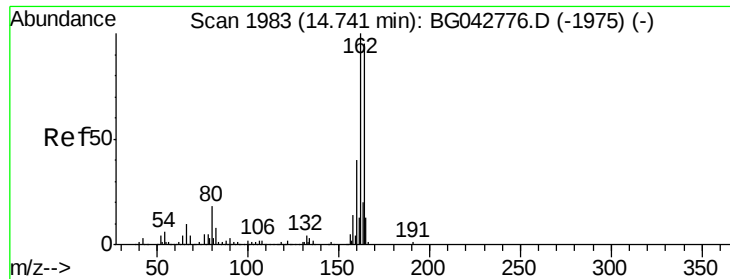
#23
Nitrobenzene-d5
Concen: 86.918 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042882.D
Acq: 18 Sep 2019 00:29

Tgt Ion: 82	Resp:	437731
Ion	Ratio	Lower Upper
82	100	
128	35.1	29.8 44.8
54	62.6	46.1 69.1



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: 14.72 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BG042882.D

Acq: 18 Sep 2019 00:29

Instrument :

BNA_G

ClientSampleId :

VE-4-11

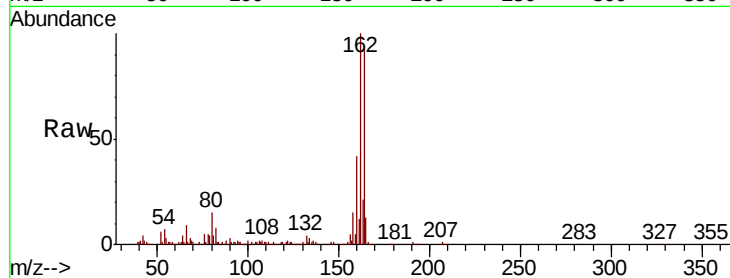
Tot Ion:164 Resp: 175360

Ion Ratio Lower Upper

164 100

162 107.6 84.6 126.8

160 45.7 34.2 51.2

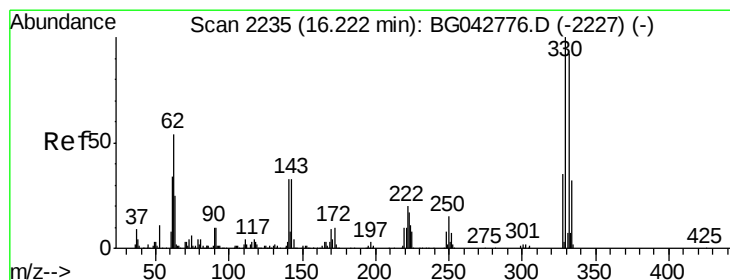
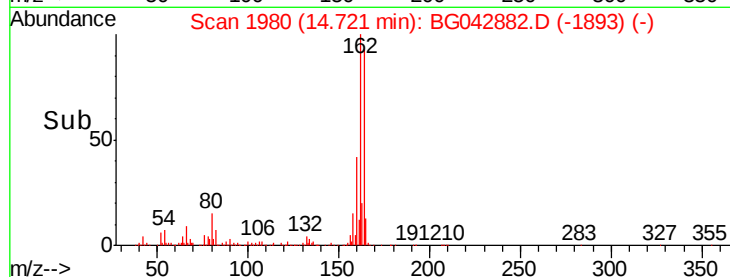
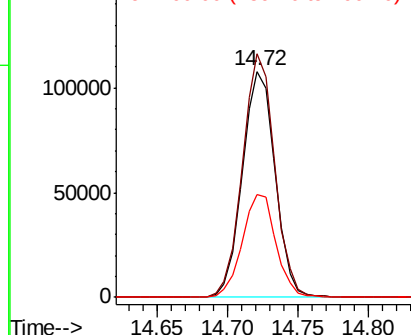


Abundance

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: 138.124 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042882.D

Acq: 18 Sep 2019 00:29

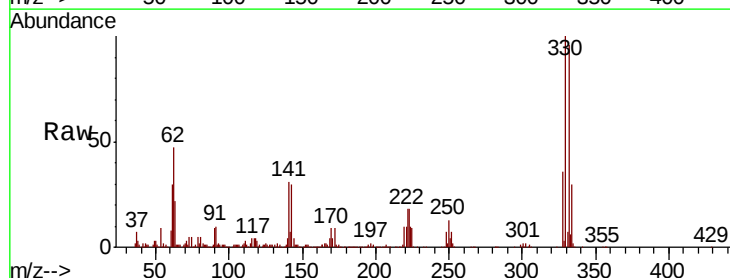
Tgt Ion:330 Resp: 322247

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 33.7 27.0 40.6

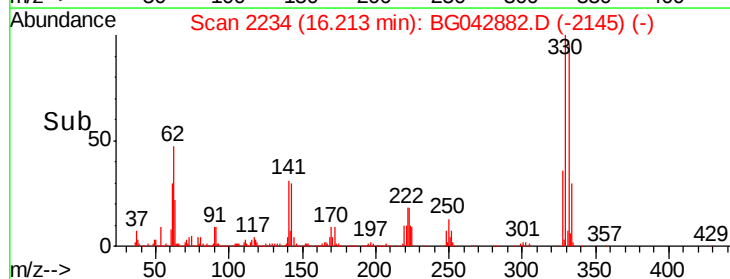
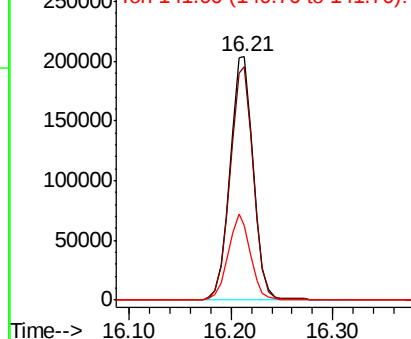


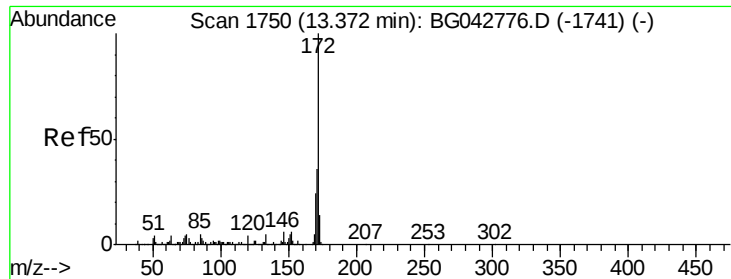
Abundance

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

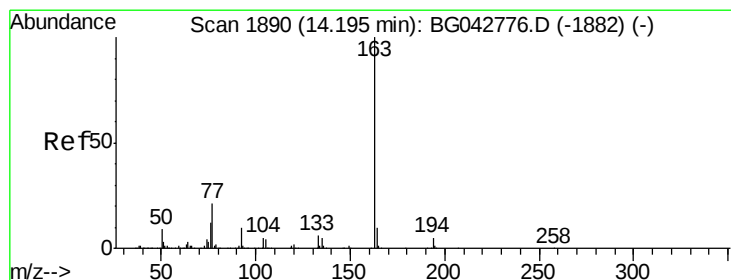
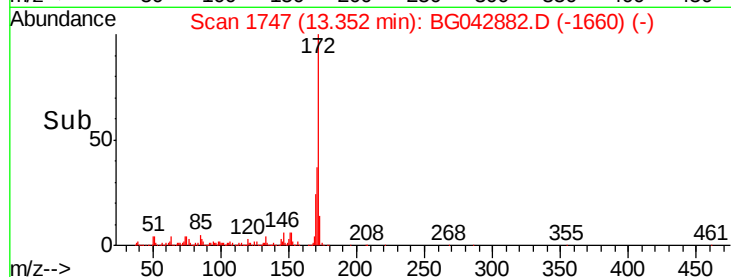
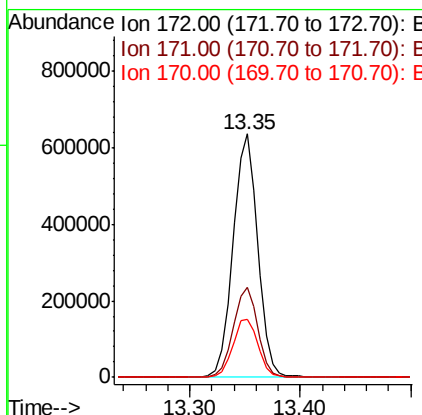
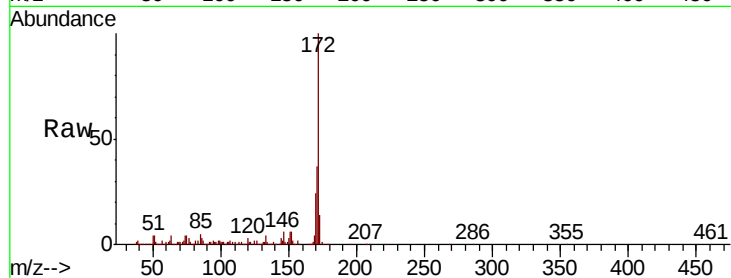




#45
 2-Fluorobiphenyl
 Concen: 90.254 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG042882.D
 Acq: 18 Sep 2019 00:29

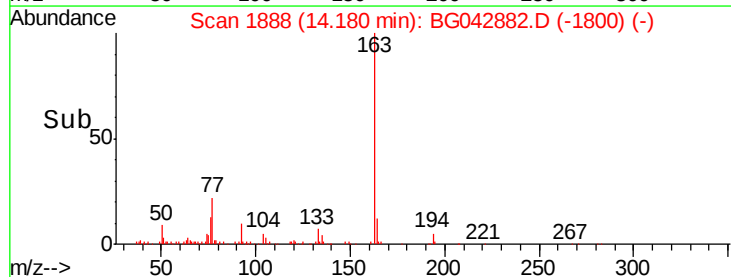
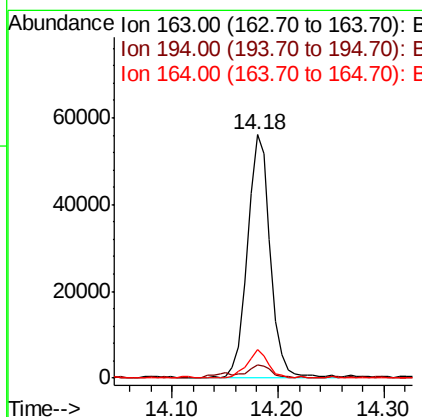
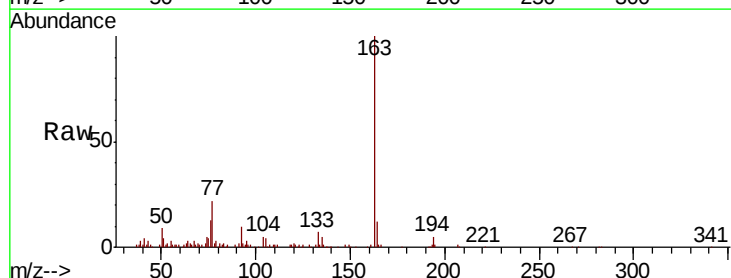
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11

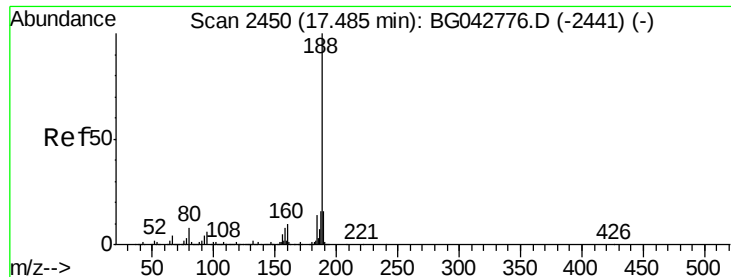
Tot Ion:172 Resp: 999852
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 24.1 19.1 28.7



#50
 Dimethylphthalate
 Concen: 6.459 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042882.D
 Acq: 18 Sep 2019 00:29

Tgt Ion:163 Resp: 84844
 Ion Ratio Lower Upper
 163 100
 194 5.4 4.2 6.4
 164 11.8 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG042882.D

Acq: 18 Sep 2019 00:29

Instrument :

BNA_G

ClientSampleId :

VE-4-11

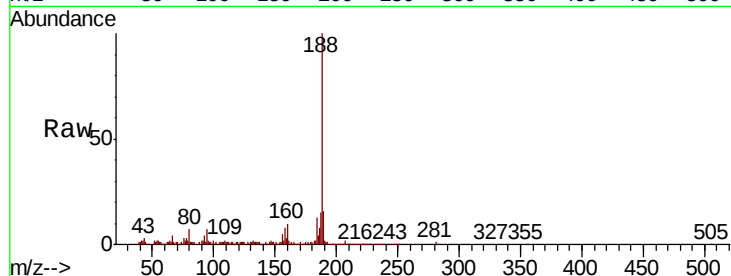
Tot Ion:188 Resp: 389746

Ion Ratio Lower Upper

188 100

94 6.6 4.8 7.2

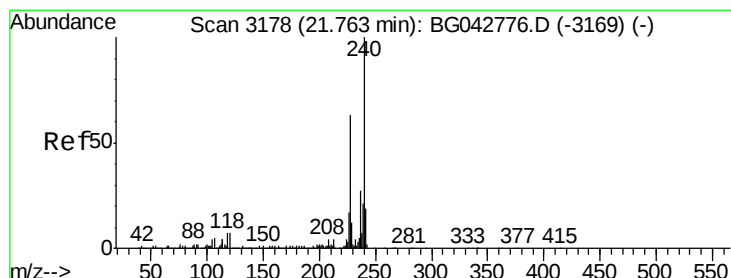
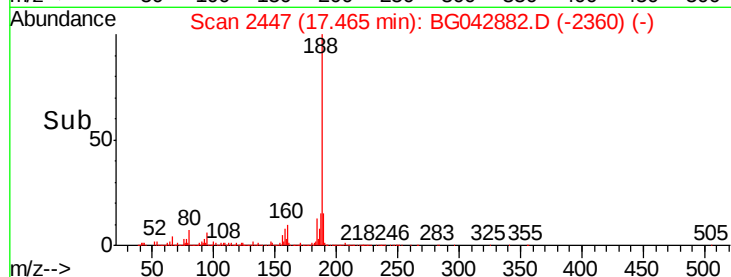
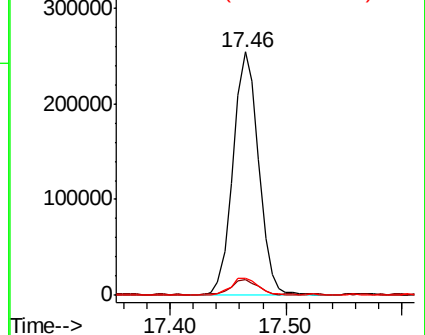
80 7.1 6.6 9.8



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: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042882.D

Acq: 18 Sep 2019 00:29

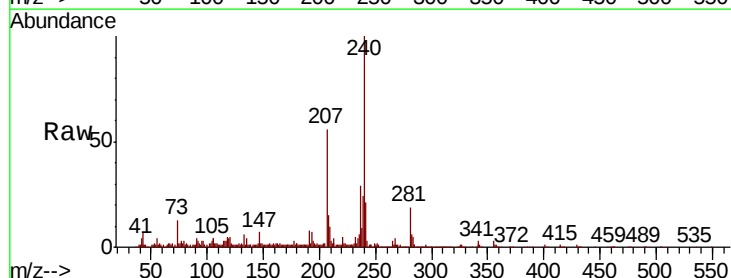
Tgt Ion:240 Resp: 364422

Ion Ratio Lower Upper

240 100

120 5.4 5.4 8.2#

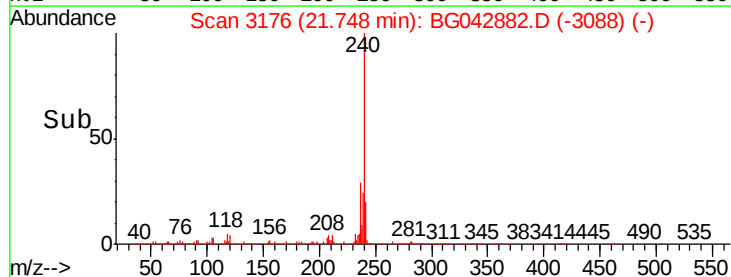
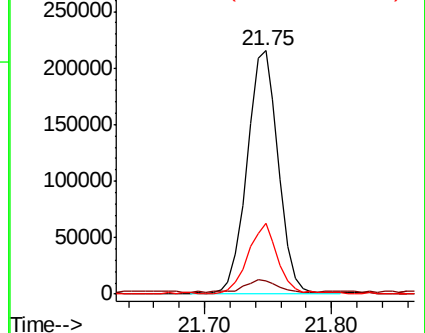
236 29.0 21.7 32.5

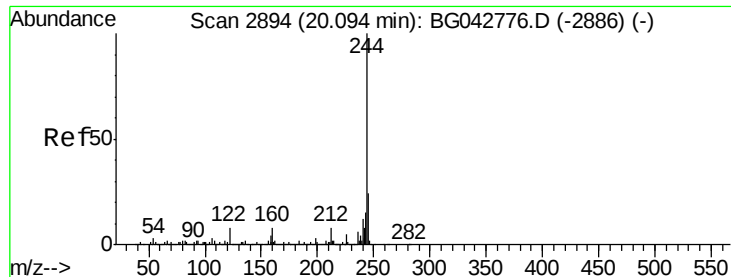


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.088 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042882.D

Acq: 18 Sep 2019 00:29

Instrument :

BNA_G

ClientSampled :

VE-4-11

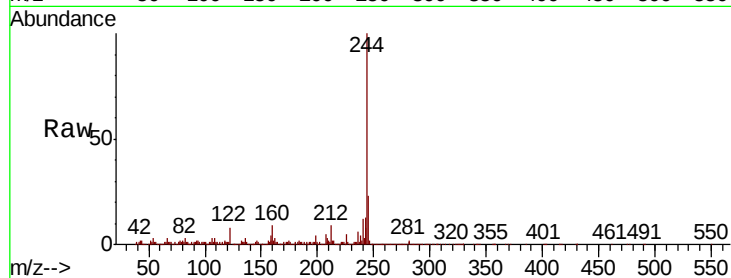
Tot Ion:244 Resp: 1448431

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

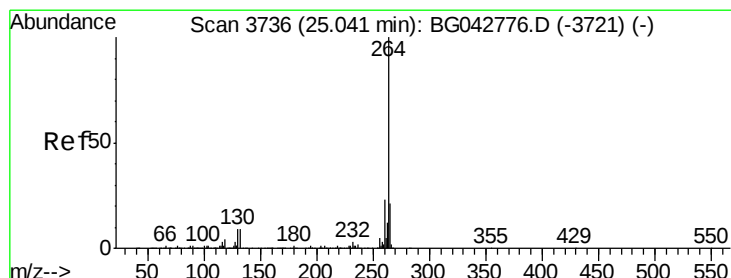
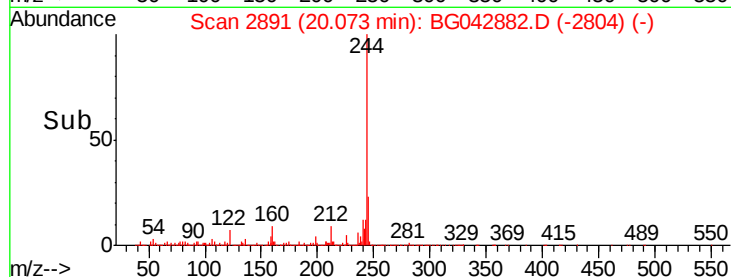
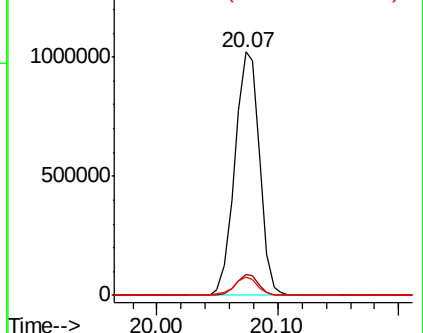
122 7.6 6.2 9.4



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: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG042882.D

Acq: 18 Sep 2019 00:29

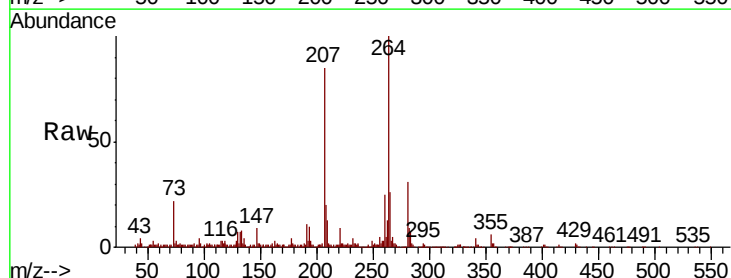
Tgt Ion:264 Resp: 390139

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.2

265 25.8 16.9 25.3#



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

