

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042830.D
 Acq On : 13 Sep 2019 23:38
 Operator : HP/JU
 Sample : K4846-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-25-COMP

Quant Time: Sep 14 07:06:22 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

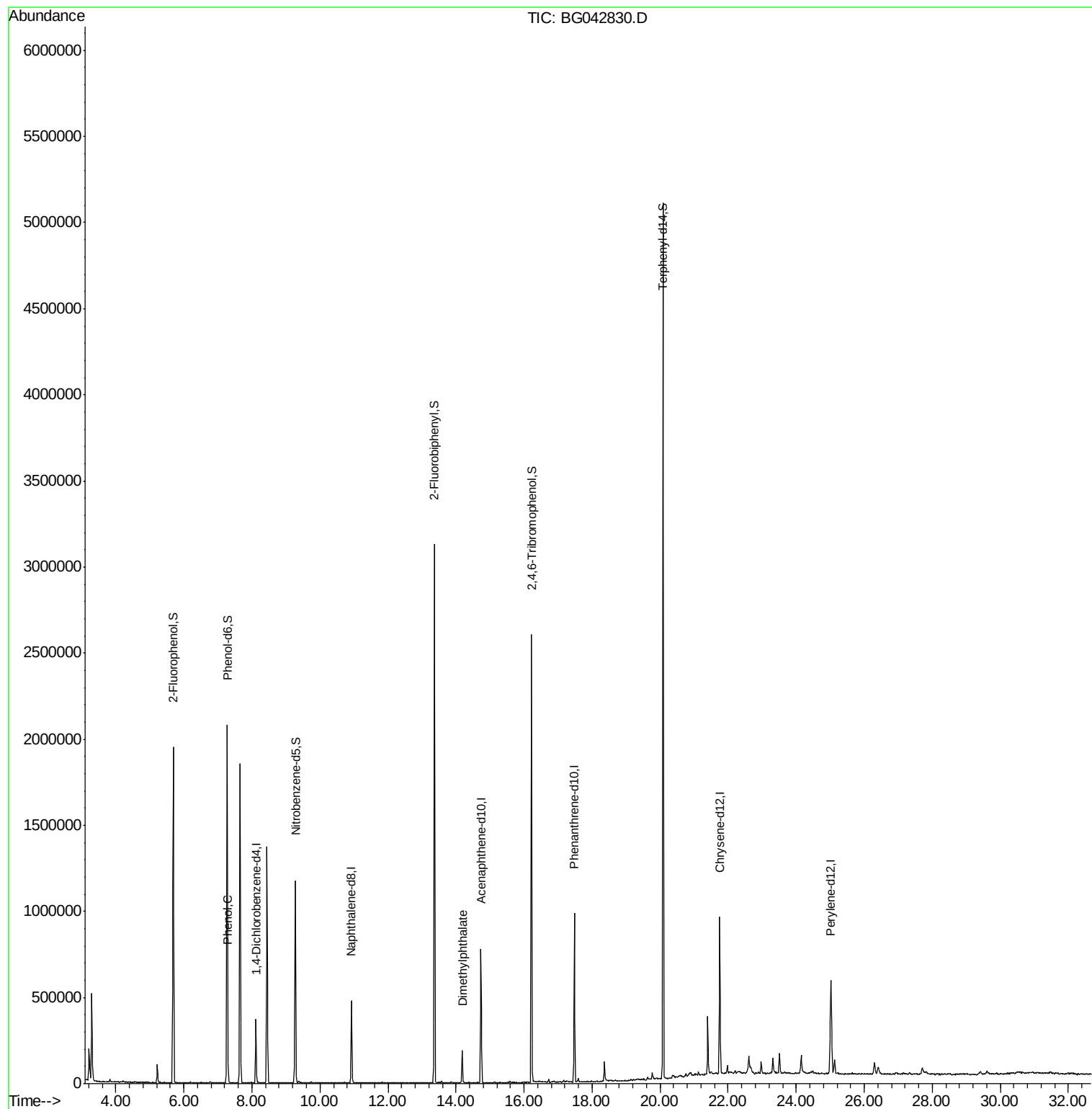
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	100909	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	393126	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	277531	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	607560	20.00	ng	0.00
76) Chrysene-d12	21.75	240	573577	20.00	ng	-0.01
87) Perylene-d12	25.02	264	634786	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	768189	132.35	ng	0.00
7) Phenol-d6	7.27	99	1159023	139.12	ng	0.00
23) Nitrobenzene-d5	9.28	82	732838	97.05	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	495691	134.25	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1582008	90.23	ng	0.00
79) Terphenyl-d14	20.09	244	2344842	90.60	ng	0.00
Target Compounds						
10) Phenol	7.30	94	41826	4.896	ng	90
50) Dimethylphthalate	14.18	163	120619	5.802	ng	# 95

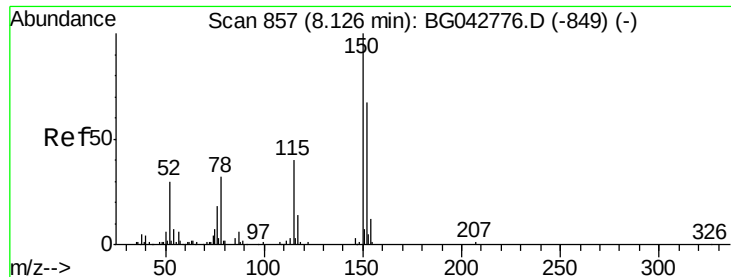
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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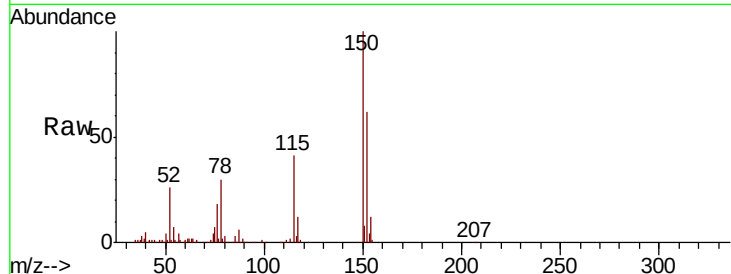


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Instrument :
BNA_G
ClientSampleId :
SB-25-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	118.9	178.3
115	66.4	47.4	71.2

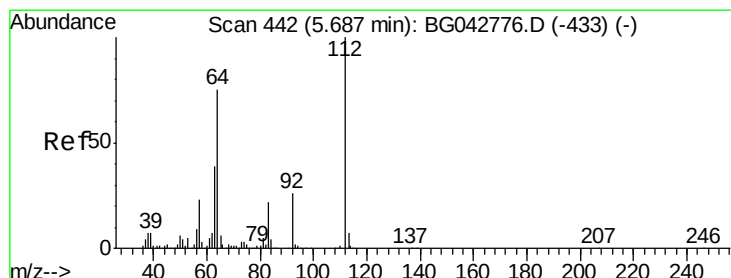
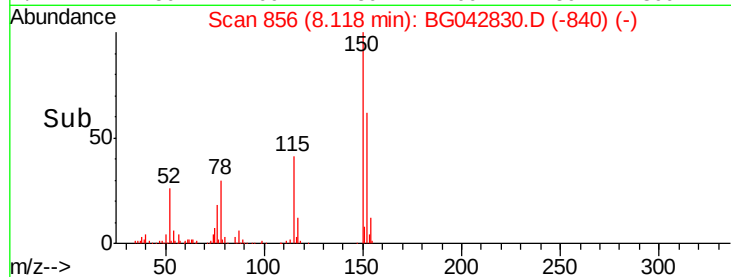
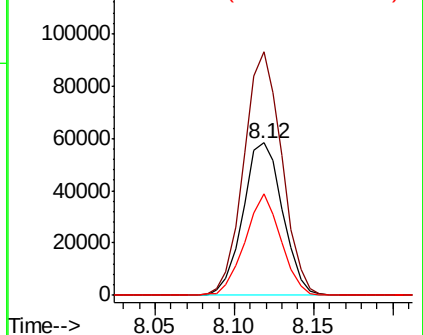


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

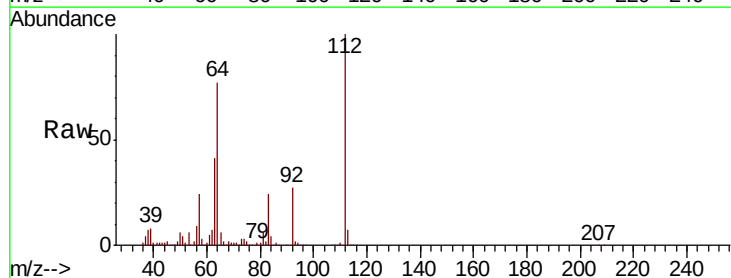
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.350 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	60.2	90.2
63	41.2	31.2	46.8

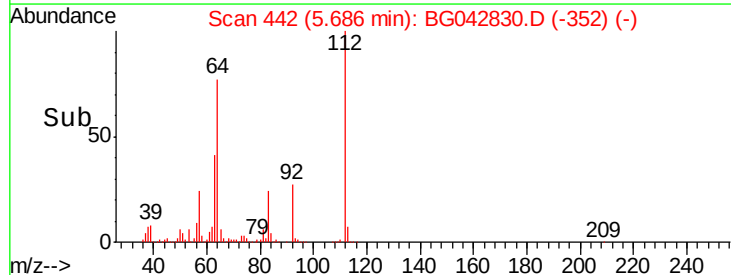
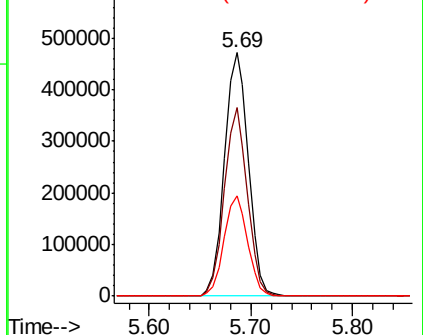


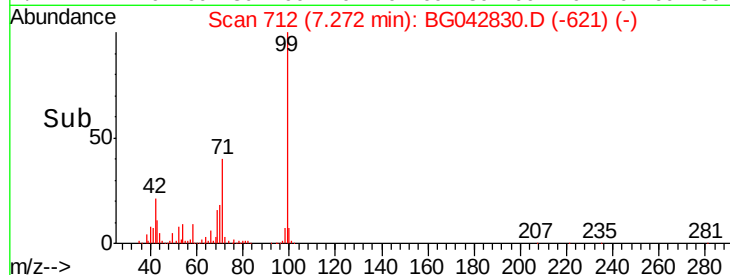
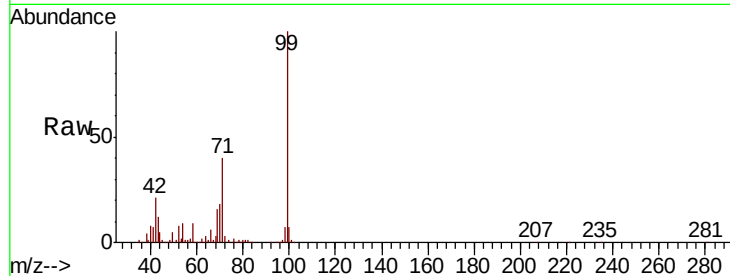
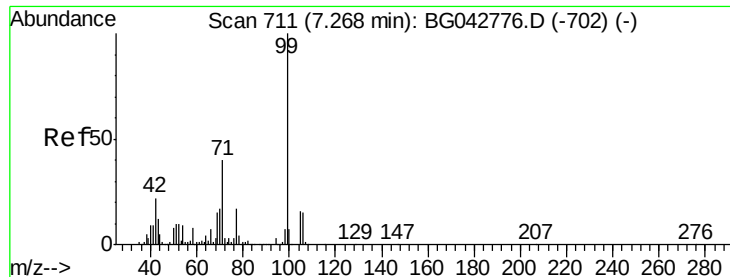
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 139.122 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

Instrument :

BNA_G

ClientSampleId :

SB-25-COMP

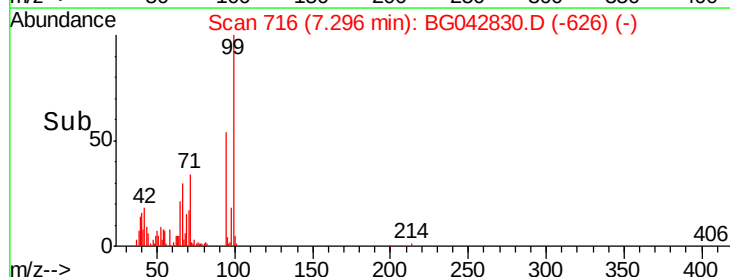
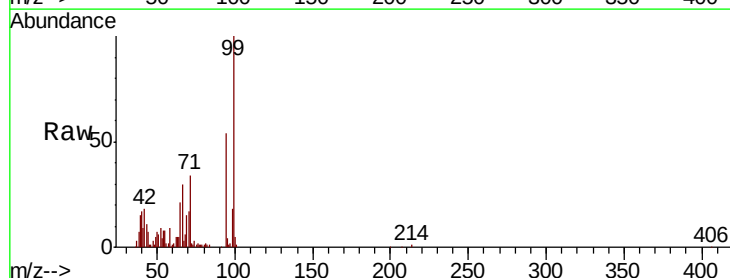
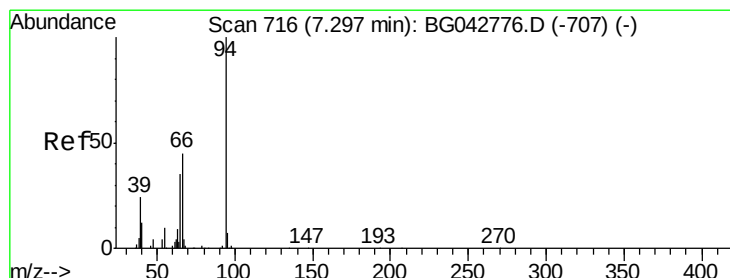
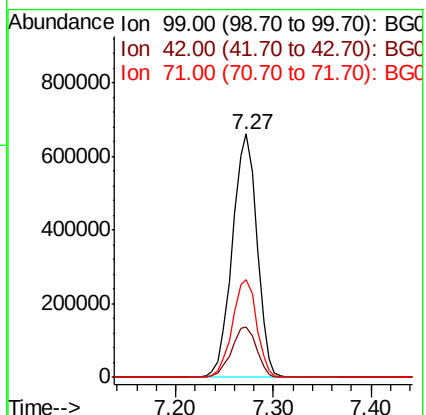
Tot Ion: 99 Resp: 1159023

Ion Ratio Lower Upper

99 100

42 20.8 17.5 26.3

71 40.2 32.0 48.0



#10

Phenol

Concen: 4.896 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

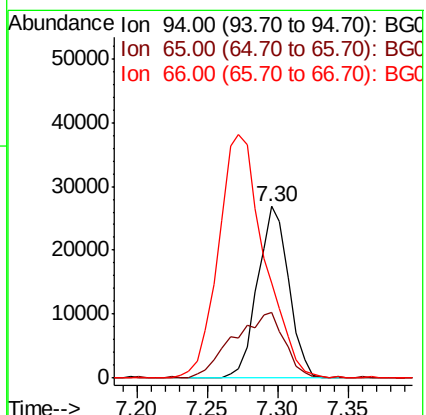
Tgt Ion: 94 Resp: 41826

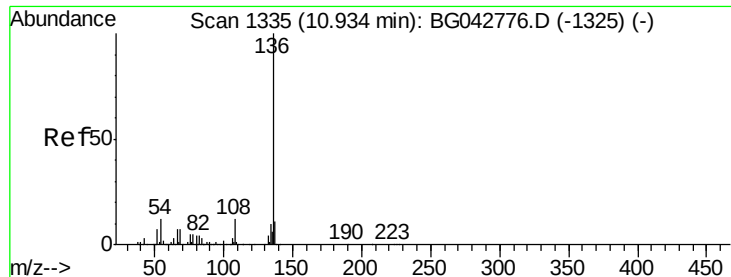
Ion Ratio Lower Upper

94 100

65 38.6 15.0 55.0

66 55.2 26.1 66.1

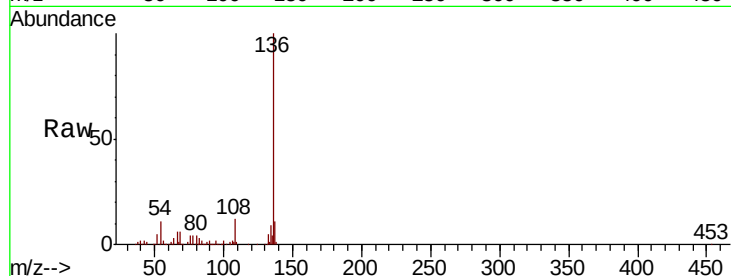




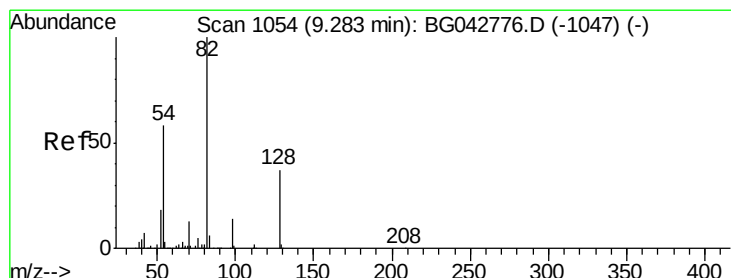
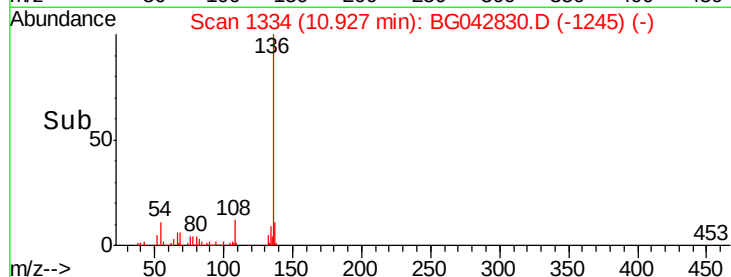
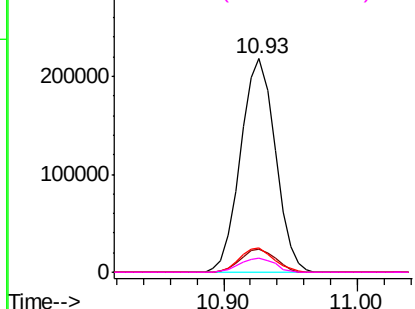
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Instrument :
BNA_G
ClientSampleId :
SB-25-COMP

Tot Ion:136	Resp:	393126
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	11.3	9.4 14.0
68	6.4	5.4 8.2

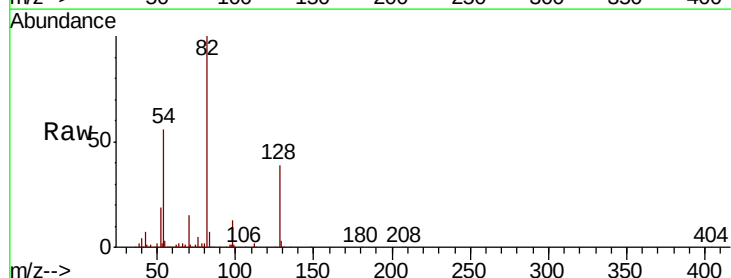


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

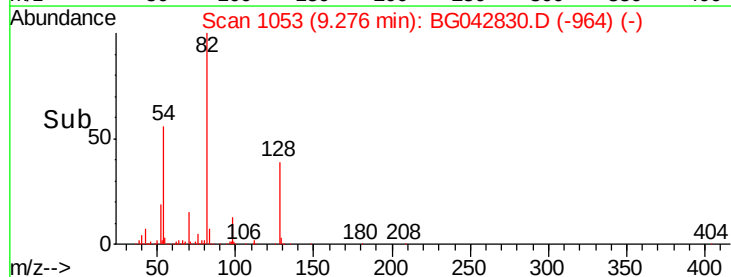
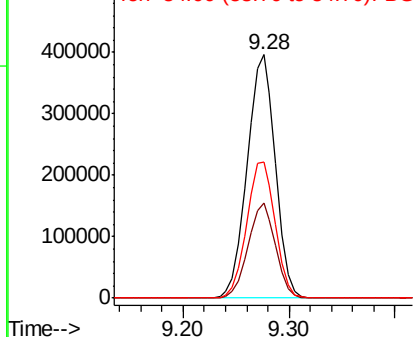


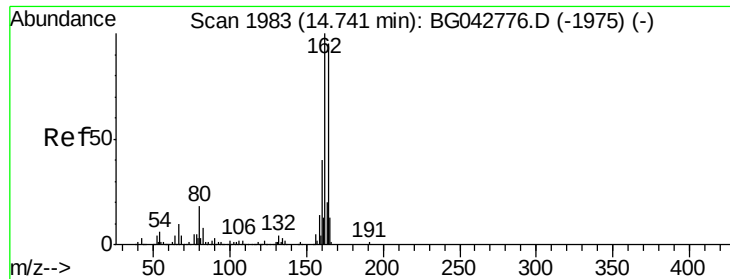
#23
Nitrobenzene-d5
Concen: 97.051 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Tgt Ion: 82	Resp:	732838
Ion Ratio	Lower	Upper
82	100	
128	39.0	29.8 44.8
54	55.8	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: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

Instrument :

BNA_G

ClientSampleId :

SB-25-COMP

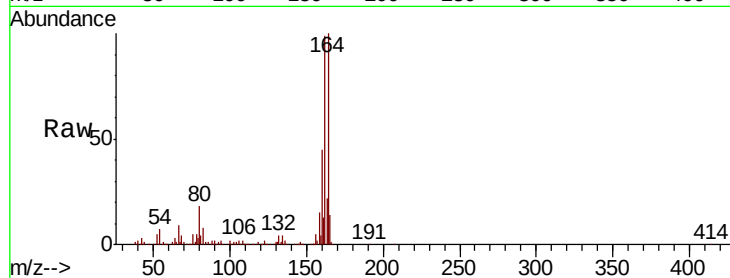
Tot Ion:164 Resp: 277531

Ion Ratio Lower Upper

164 100

162 98.8 84.6 126.8

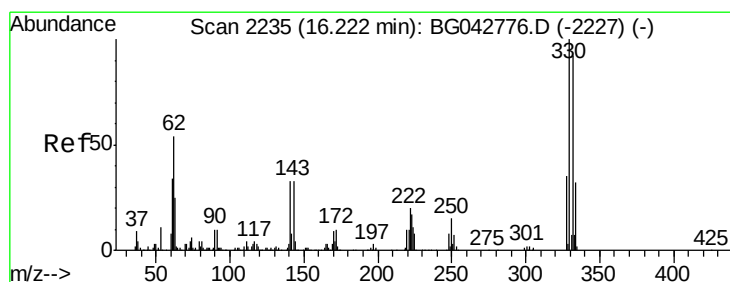
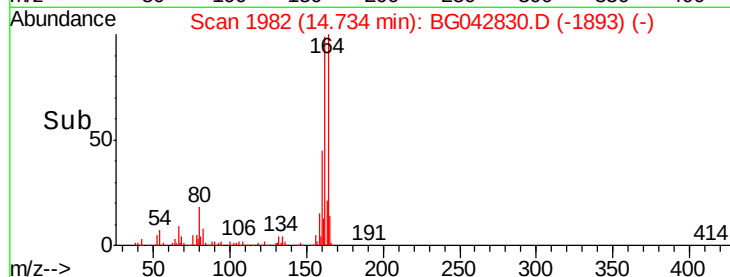
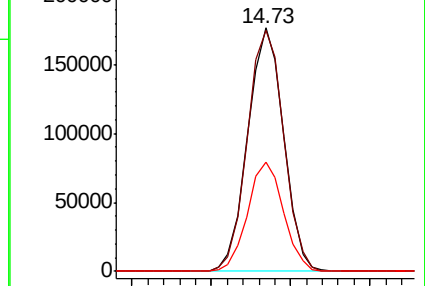
160 45.1 34.2 51.2



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: 134.249 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

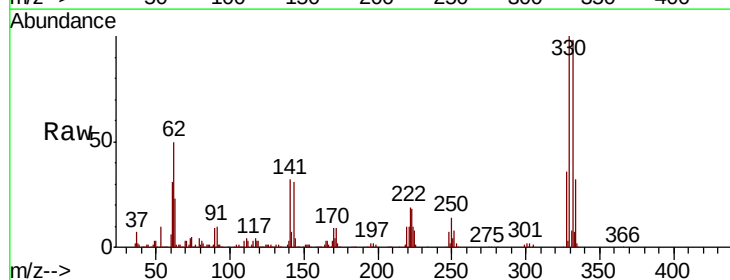
Tgt Ion:330 Resp: 495691

Ion Ratio Lower Upper

330 100

332 97.5 76.7 115.1

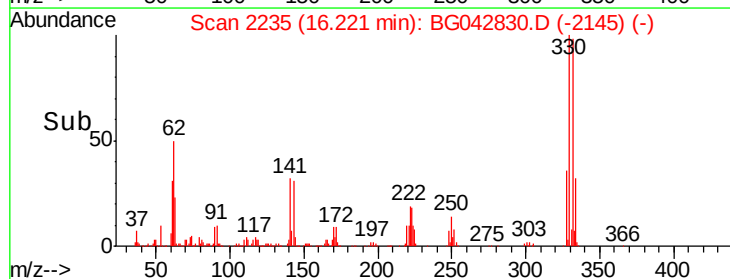
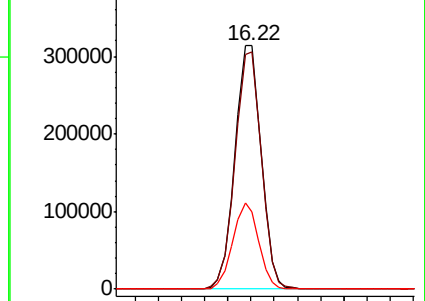
141 34.9 27.0 40.6

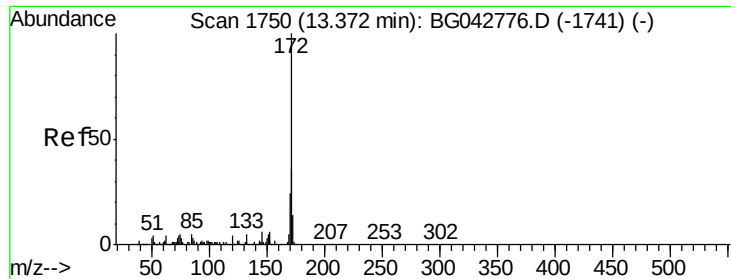


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

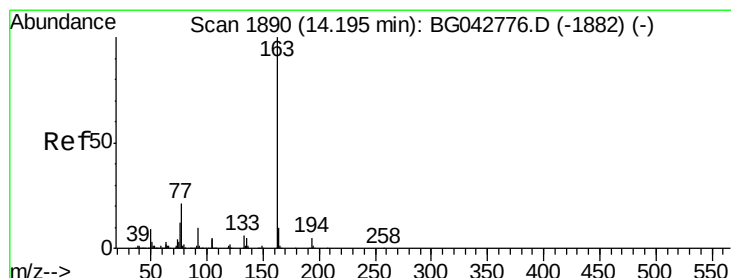
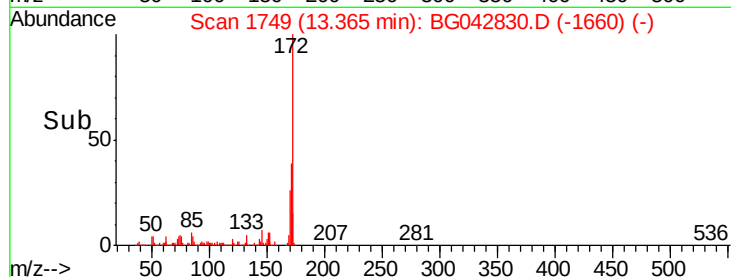
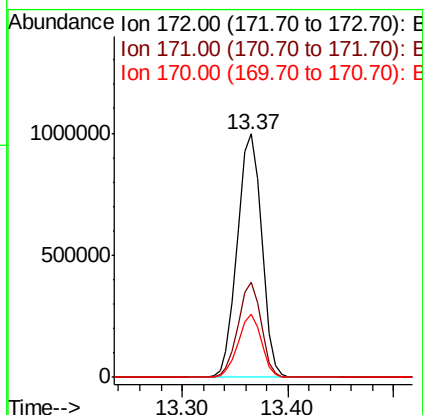
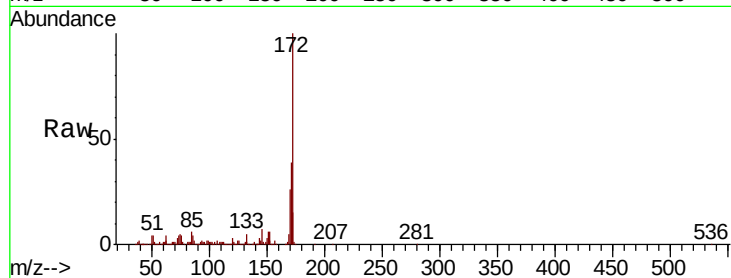




#45
2-Fluorobiphenyl
Concen: 90.232 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

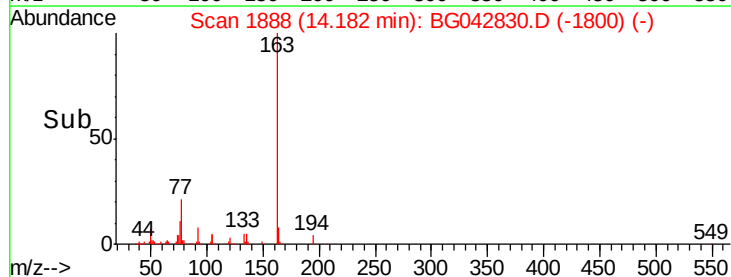
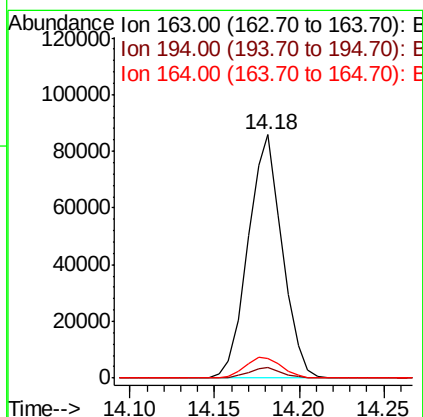
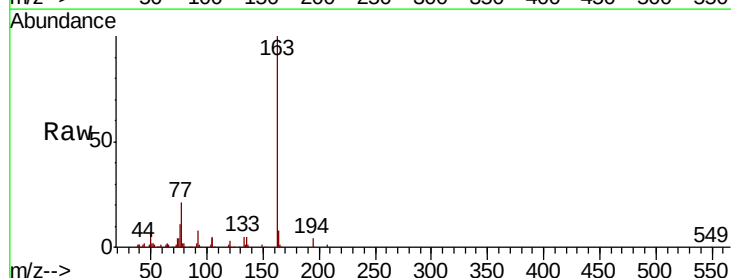
Instrument :
BNA_G
ClientSampleId :
SB-25-COMP

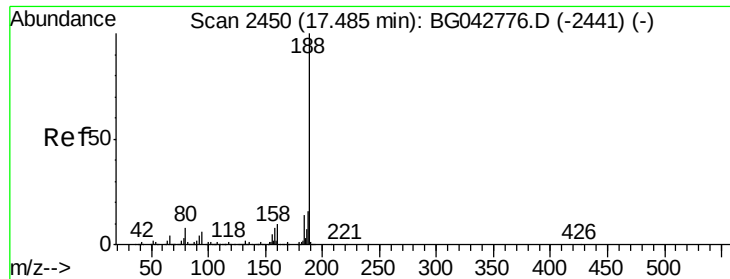
Tot Ion:172 Resp: 1582008
Ion Ratio Lower Upper
172 100
171 38.9 28.9 43.3
170 25.9 19.1 28.7



#50
Dimethylphthalate
Concen: 5.802 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042830.D
Acq: 13 Sep 2019 23:38

Tgt Ion:163 Resp: 120619
Ion Ratio Lower Upper
163 100
194 4.3 4.2 6.4
164 8.0 8.4 12.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

Instrument :

BNA_G

ClientSampleId :

SB-25-COMP

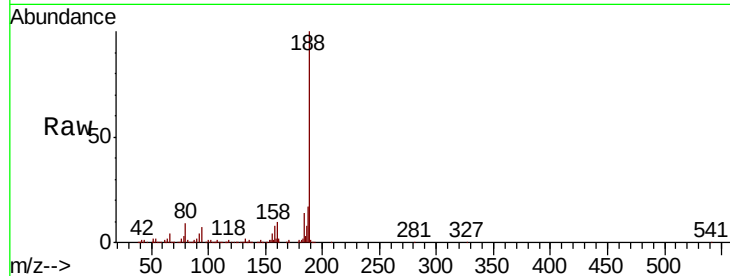
Tot Ion:188 Resp: 607560

Ion Ratio Lower Upper

188 100

94 7.2 4.8 7.2#

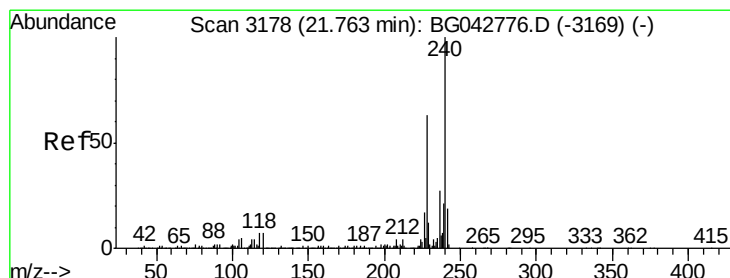
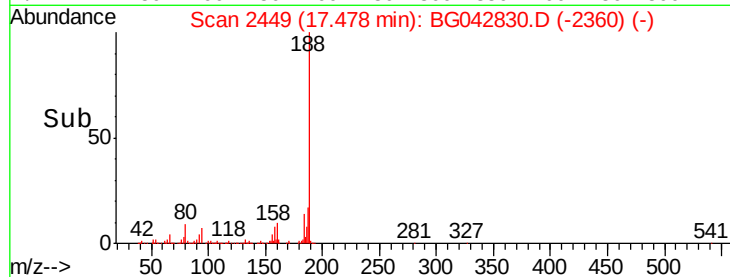
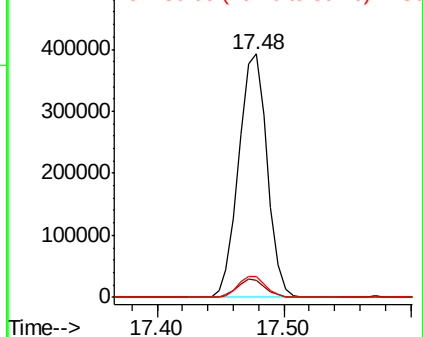
80 8.7 6.6 9.8



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: BG042830.D

Acq: 13 Sep 2019 23:38

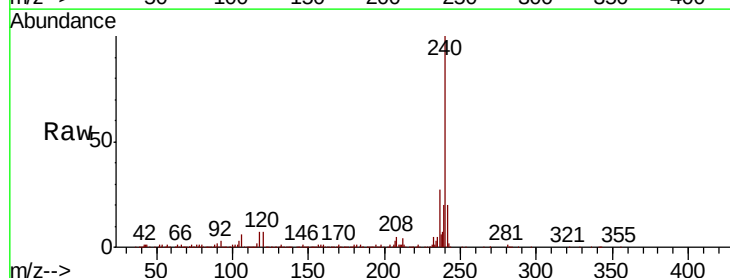
Tgt Ion:240 Resp: 573577

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.2

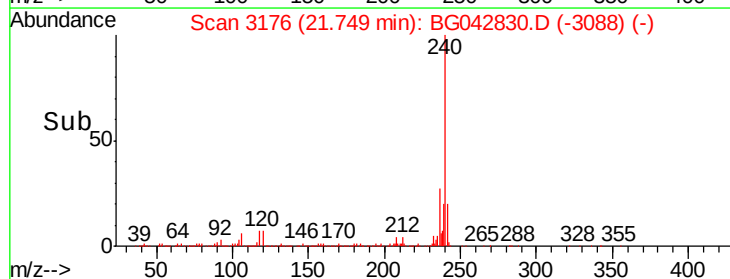
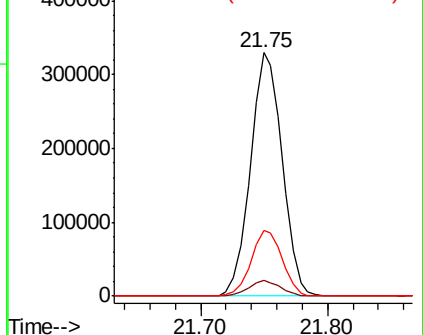
236 27.2 21.7 32.5

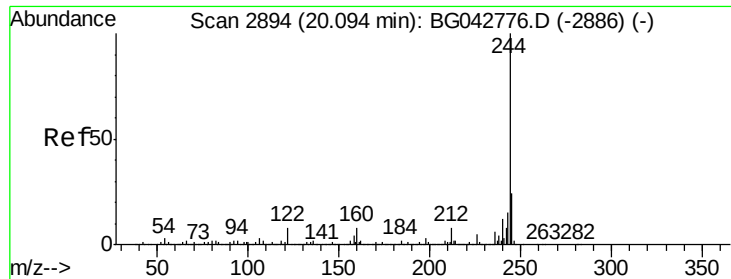


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.604 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

Instrument :

BNA_G

ClientSampleId :

SB-25-COMP

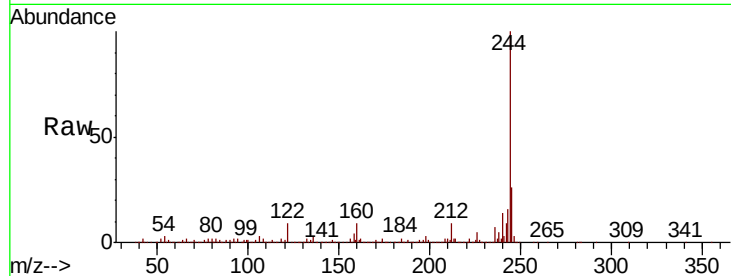
Tot Ion:244 Resp: 2344842

Ion Ratio Lower Upper

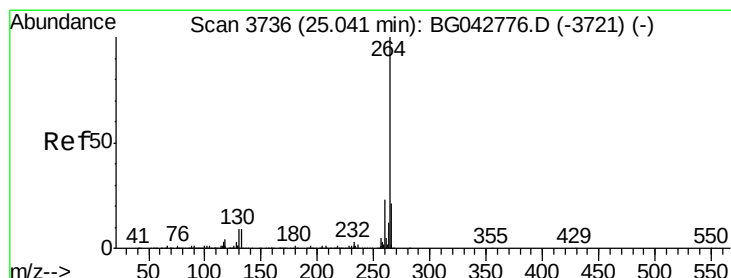
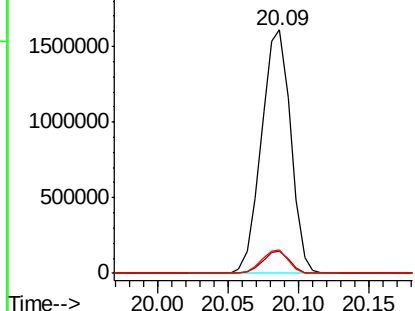
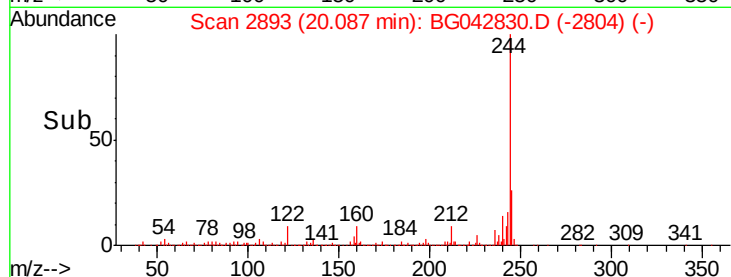
244 100

212 9.2 6.6 10.0

122 9.4 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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042830.D

Acq: 13 Sep 2019 23:38

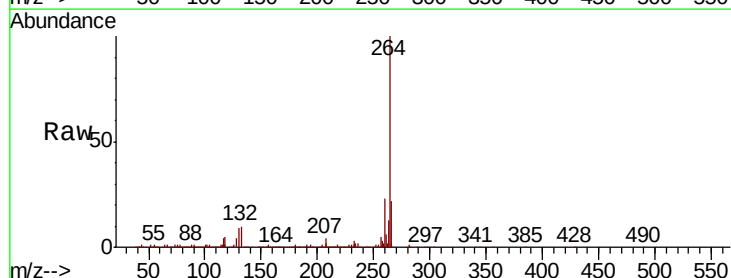
Tgt Ion:264 Resp: 634786

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 21.5 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

