

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042902.D
 Acq On : 18 Sep 2019 20:06
 Operator : HP/JU
 Sample : K4878-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-8

Quant Time: Sep 19 02:45:01 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

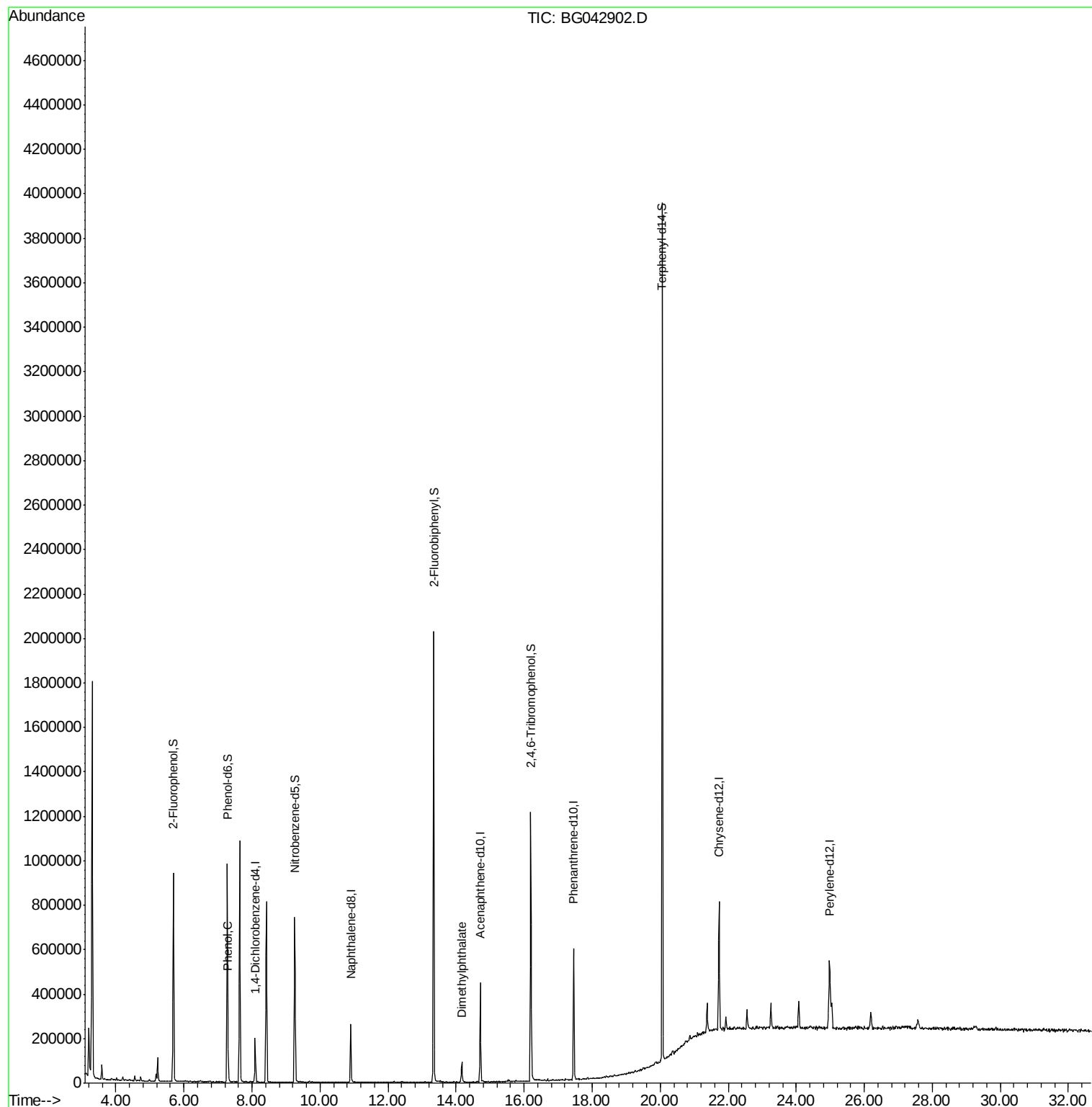
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54235	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	210481	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	161685	20.00	ng	-0.03
64) Phenanthrene-d10	17.45	188	370935	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	355366	20.00	ng	-0.03
87) Perylene-d12	24.98	264	376885	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	359234	115.16	ng	0.00
7) Phenol-d6	7.28	99	491668	109.81	ng	0.00
23) Nitrobenzene-d5	9.26	82	436206	107.90	ng	-0.03
42) 2,4,6-Tribromophenol	16.20	330	232377	108.03	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	1044513	102.26	ng	-0.03
79) Terphenyl-d14	20.06	244	1765681	110.12	ng	-0.03
Target Compounds						
10) Phenol	7.30	94	16858	3.671	ng	# 77
50) Dimethylphthalate	14.16	163	62457	5.157	ng	# 95

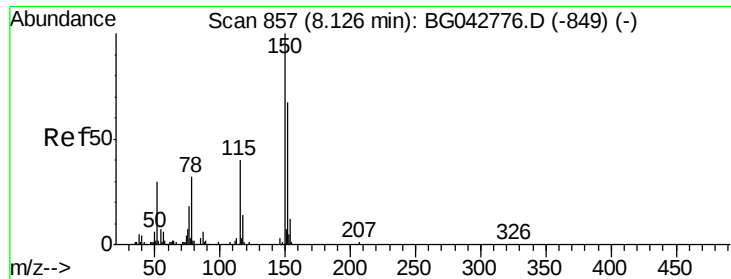
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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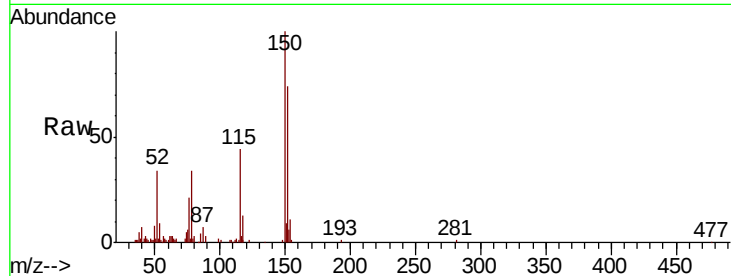


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042902.D
Acq: 18 Sep 2019 20:06

Instrument :
BNA_G
ClientSampleId :
CSA-2-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.0	118.9	178.3
115	59.2	47.4	71.2

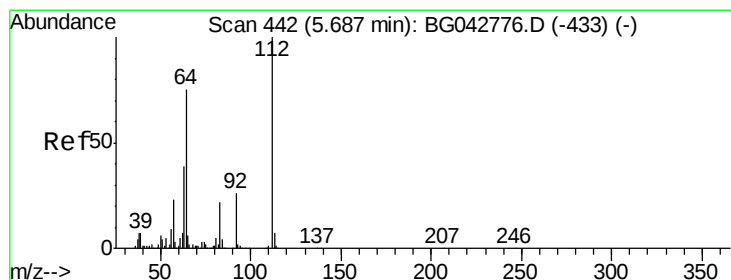
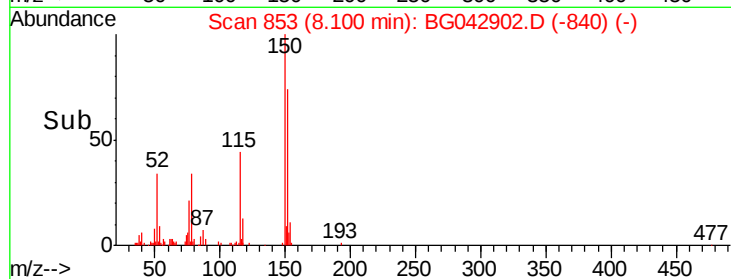
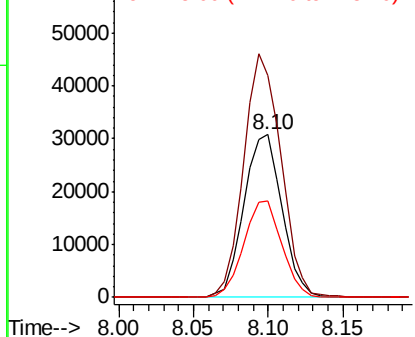


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

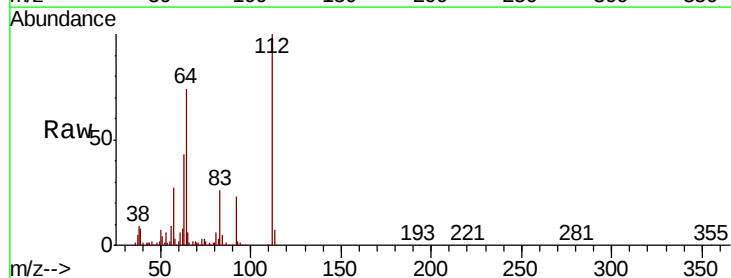
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.156 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.00 min
Lab File: BG042902.D
Acq: 18 Sep 2019 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	60.2	90.2
63	42.6	31.2	46.8

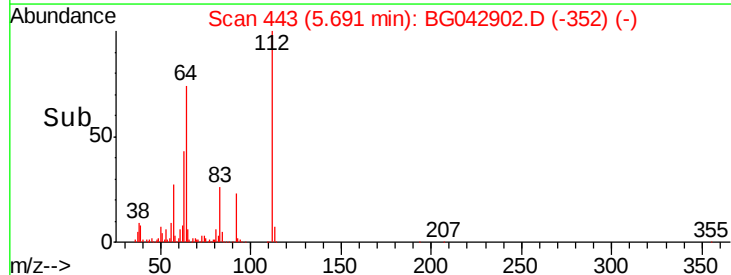
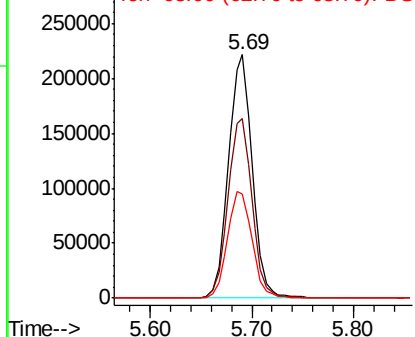


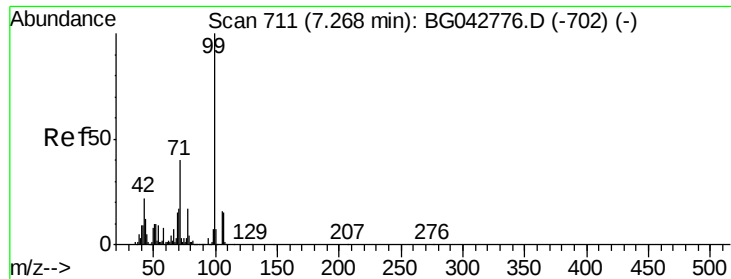
Abundance

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: 109.806 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042902.D

Acq: 18 Sep 2019 20:06

Instrument :

BNA_G

ClientSampleId :

CSA-2-8

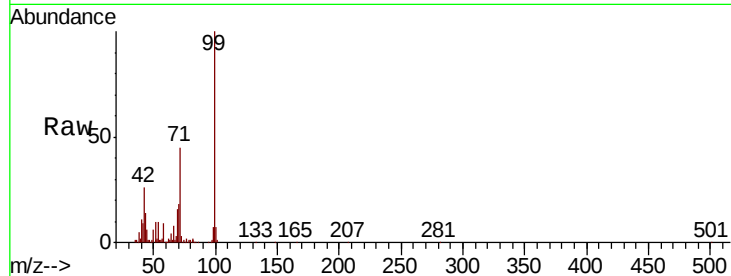
Tot Ion: 99 Resp: 491668

Ion Ratio Lower Upper

99 100

42 26.1 17.5 26.3

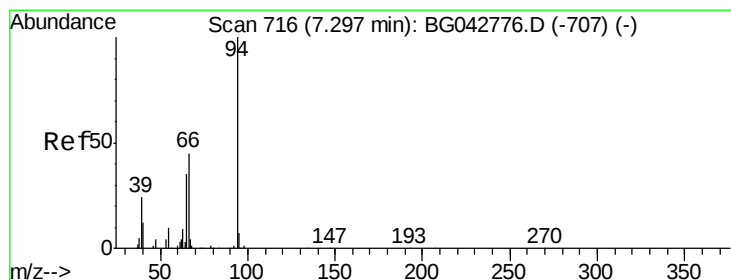
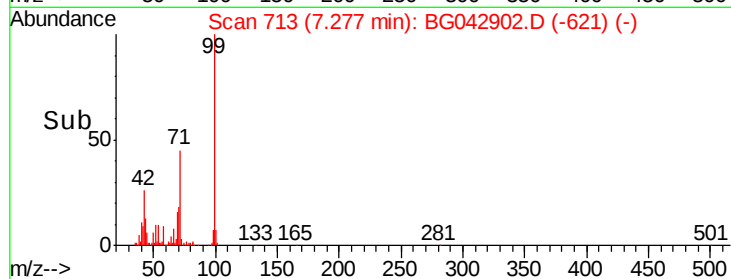
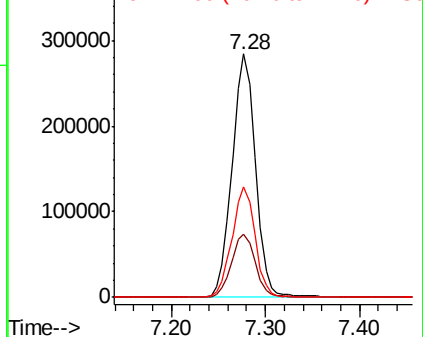
71 45.1 32.0 48.0



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: 3.671 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG042902.D

Acq: 18 Sep 2019 20:06

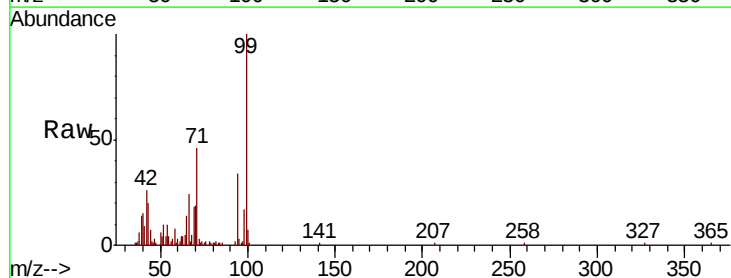
Tgt Ion: 94 Resp: 16858

Ion Ratio Lower Upper

94 100

65 40.1 15.0 55.0

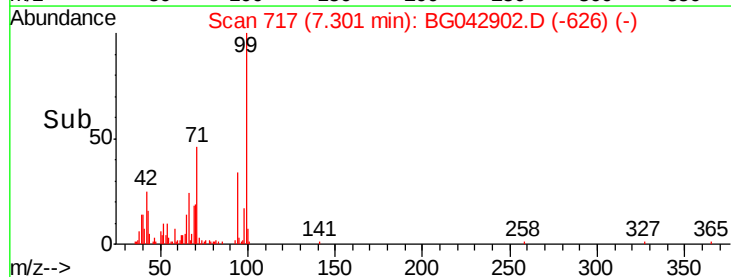
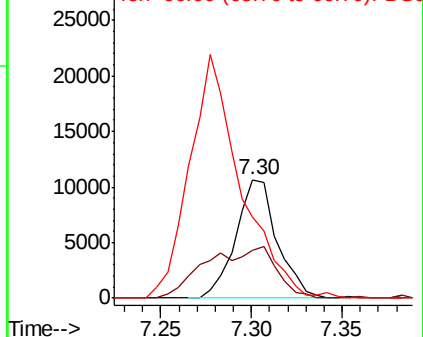
66 68.5 26.1 66.1#

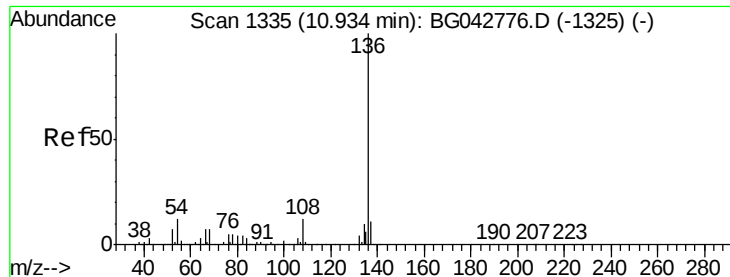


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

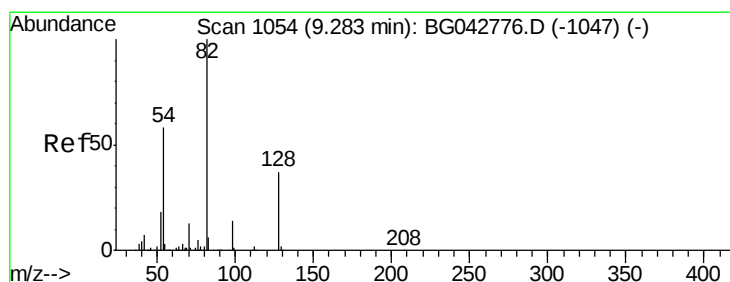
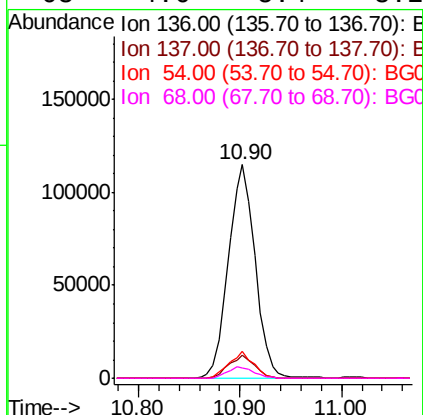
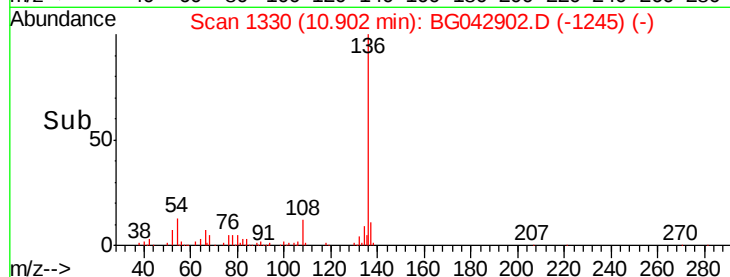
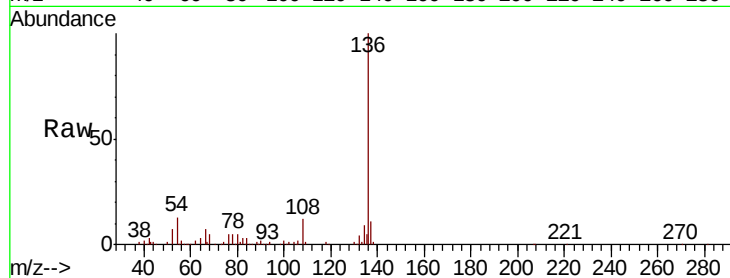




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BG042902.D
Acq: 18 Sep 2019 20:06

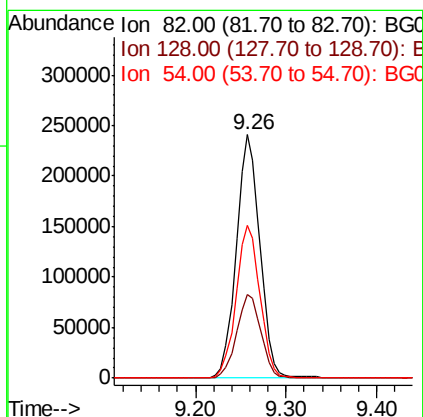
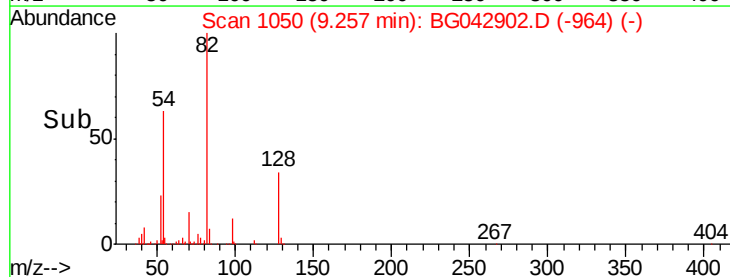
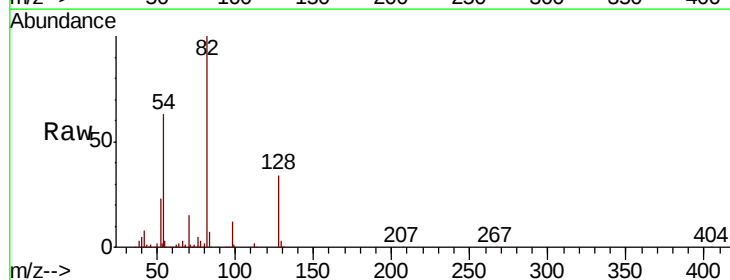
Instrument :
BNA_G
ClientSampleId :
CSA-2-8

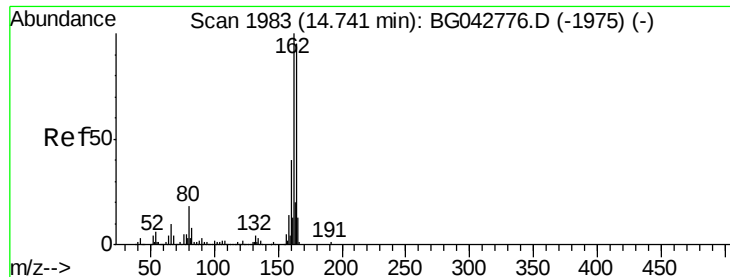
Tot Ion:136	Resp:	210481
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	12.7	9.4 14.0
68	4.6	5.4 8.2#



#23
Nitrobenzene-d5
Concen: 107.896 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BG042902.D
Acq: 18 Sep 2019 20:06

Tgt Ion: 82	Resp:	436206
Ion	Ratio	Lower Upper
82	100	
128	34.4	29.8 44.8
54	62.8	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.03 min

Lab File: BG042902.D

Acq: 18 Sep 2019 20:06

Instrument :

BNA_G

ClientSampled :

CSA-2-8

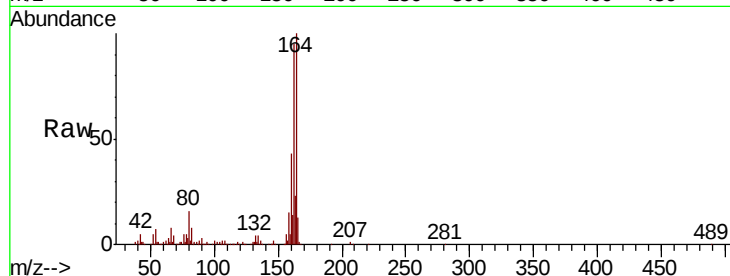
Tot Ion:164 Resp: 161685

Ion Ratio Lower Upper

164 100

162 94.8 84.6 126.8

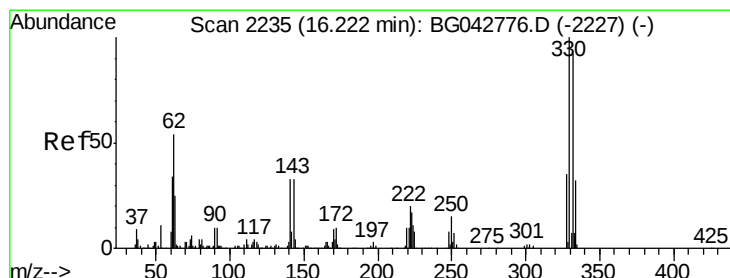
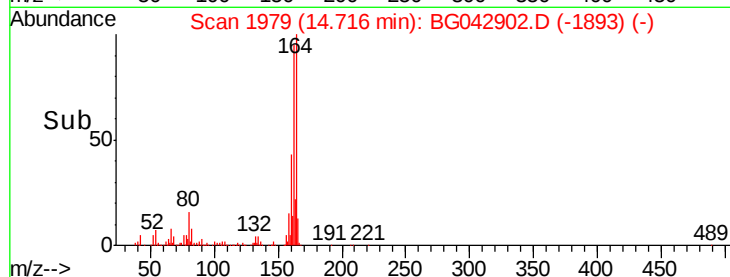
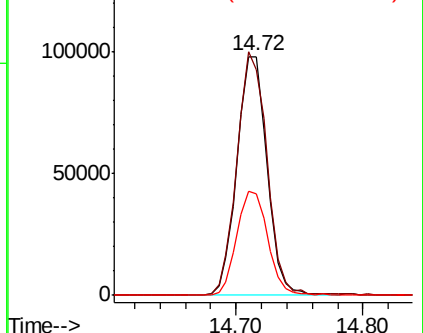
160 42.6 34.2 51.2



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: 108.027 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BG042902.D

Acq: 18 Sep 2019 20:06

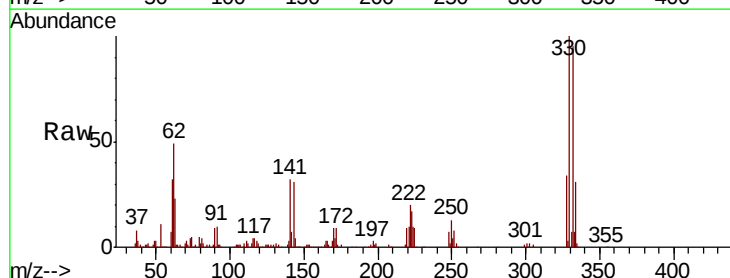
Tgt Ion:330 Resp: 232377

Ion Ratio Lower Upper

330 100

332 97.6 76.7 115.1

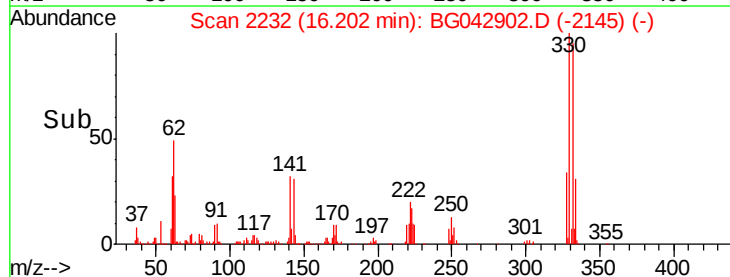
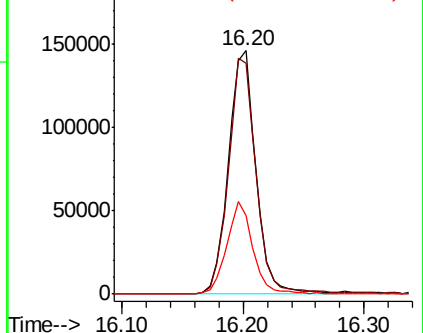
141 35.9 27.0 40.6

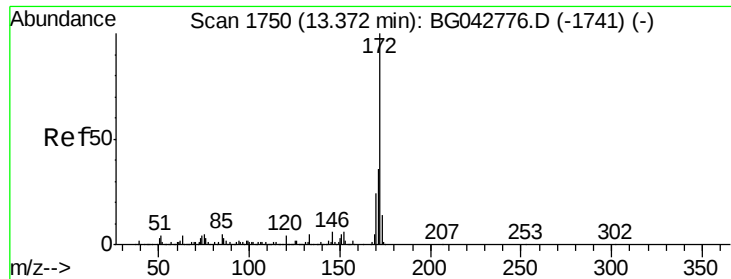


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

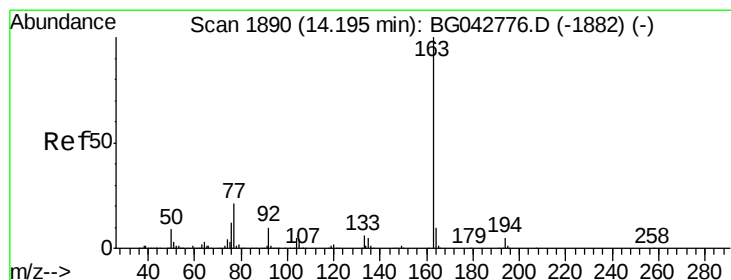
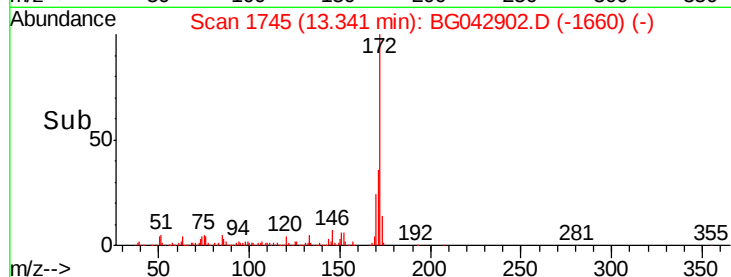
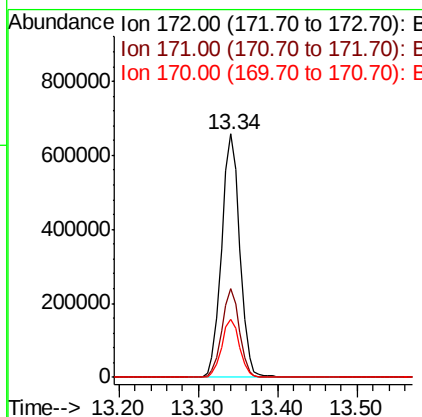
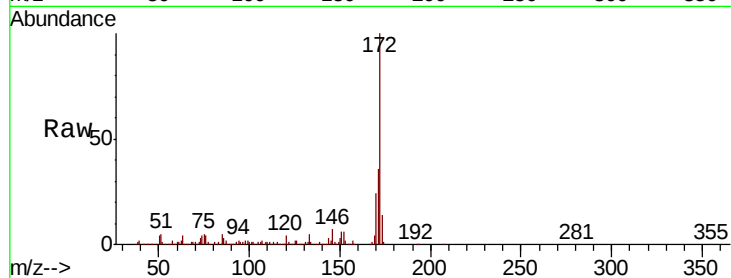




#45
2-Fluorobiphenyl
Concen: 102.260 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BG042902.D
Acq: 18 Sep 2019 20:06

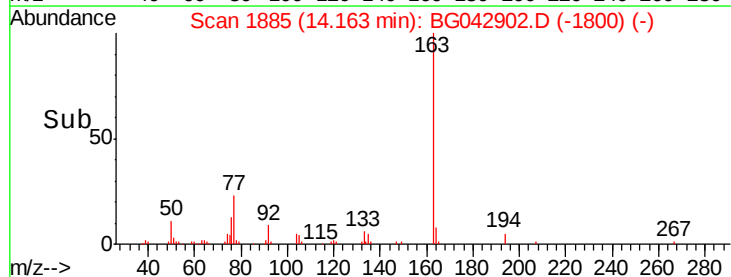
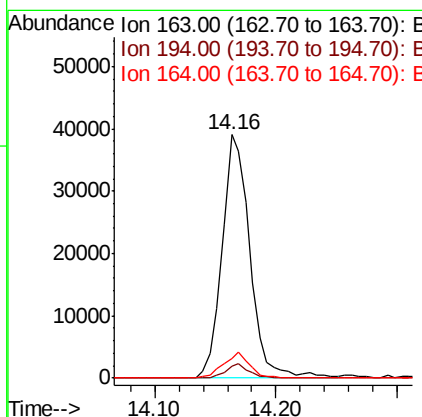
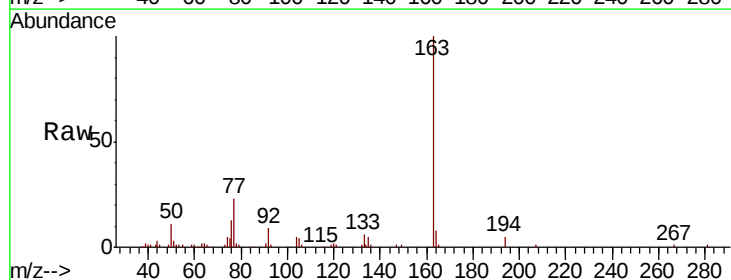
Instrument :
BNA_G
ClientSampleId :
CSA-2-8

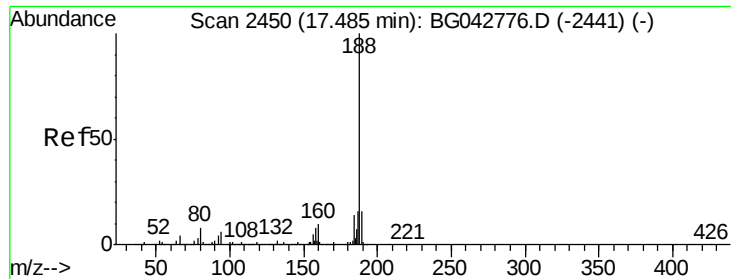
Tot Ion:172 Resp: 1044513
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.0 19.1 28.7



#50
Dimethylphthalate
Concen: 5.157 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.03 min
Lab File: BG042902.D
Acq: 18 Sep 2019 20:06

Tgt Ion:163 Resp: 62457
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.4
164 7.9 8.4 12.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.03 min

Lab File: BG042902.D

Acq: 18 Sep 2019 20:06

Instrument :

BNA_G

ClientSampleId :

CSA-2-8

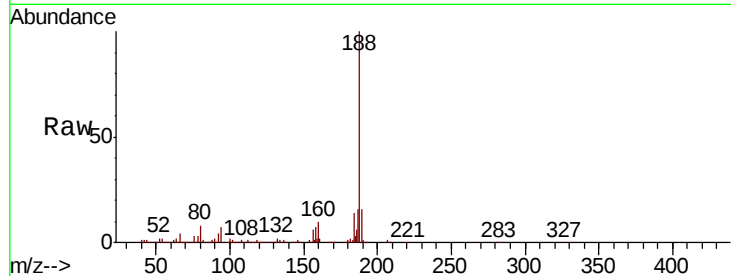
Tot Ion:188 Resp: 370935

Ion Ratio Lower Upper

188 100

94 6.7 4.8 7.2

80 7.6 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

300000

250000

200000

150000

100000

50000

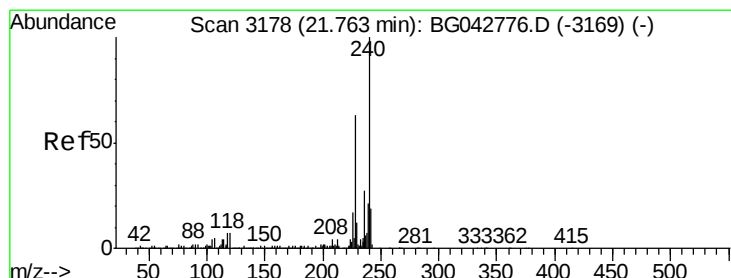
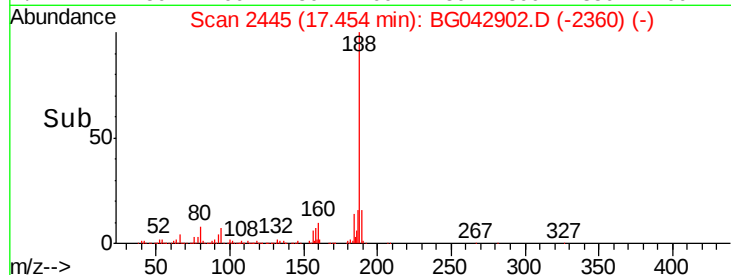
0

17.45

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.03 min

Lab File: BG042902.D

Acq: 18 Sep 2019 20:06

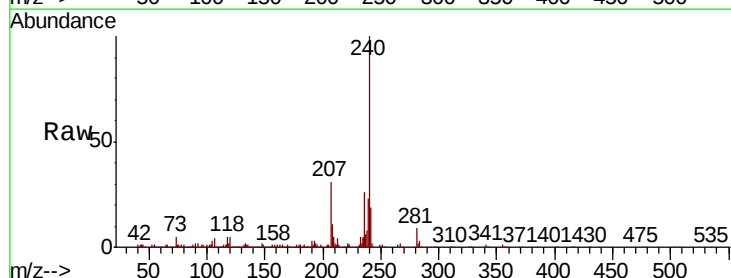
Tgt Ion:240 Resp: 355366

Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.2#

236 26.2 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

250000

200000

150000

100000

50000

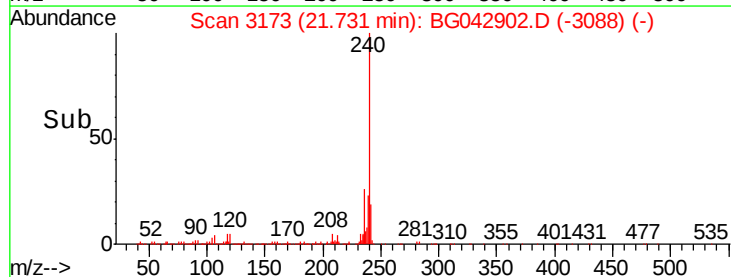
0

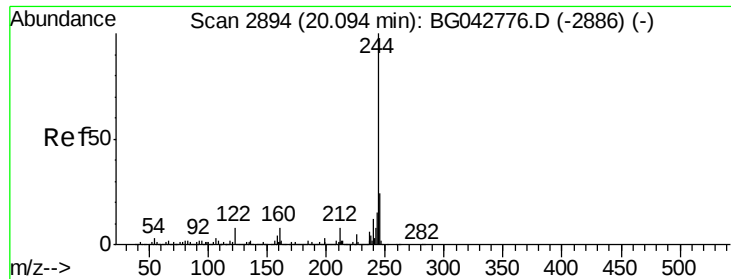
21.73

21.70

21.80

Time-->





#79

Terphenyl-d14

Concen: 110.119 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG042902.D

Acq: 18 Sep 2019 20:06

Instrument :

BNA_G

ClientSampleId :

CSA-2-8

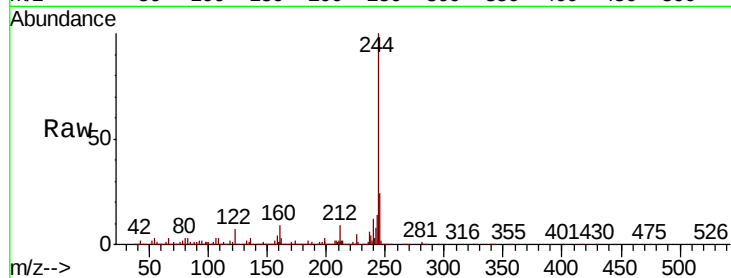
Tot Ion:244 Resp: 1765681

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

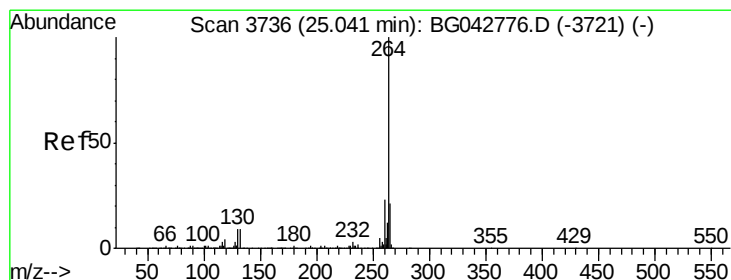
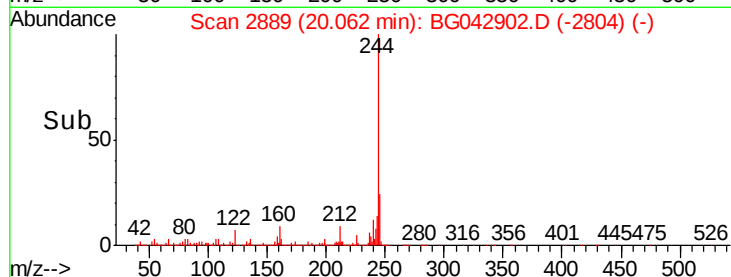
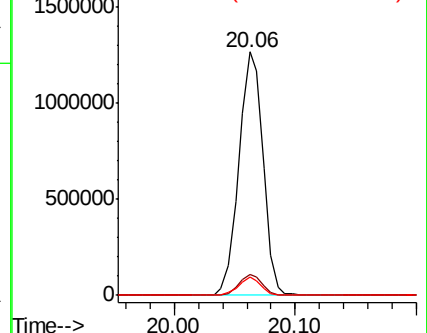
122 7.5 6.2 9.4



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: 24.98 min Scan# 3726

Delta R.T. -0.06 min

Lab File: BG042902.D

Acq: 18 Sep 2019 20:06

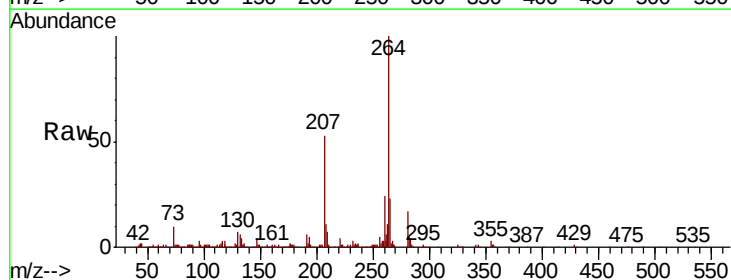
Tgt Ion:264 Resp: 376885

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 22.9 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

