

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044311.D
 Acq On : 5 Feb 2020 19:25
 Operator : CG/JU
 Sample : L1390-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

Quant Time: Feb 06 02:41:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

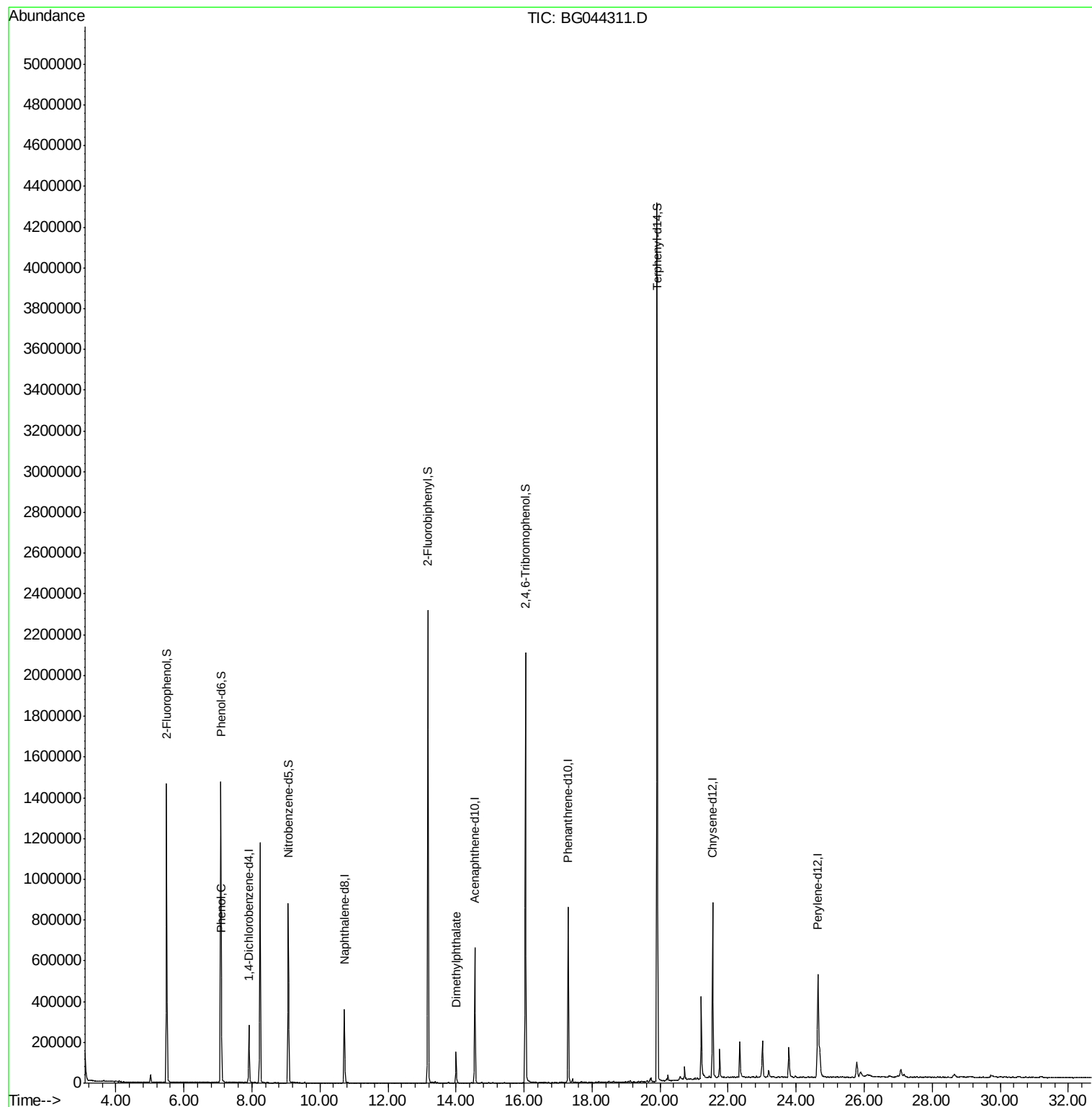
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	83391	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	342208	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	233974	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	549077	20.00	ng	0.00
76) Chrysene-d12	21.54	240	503958	20.00	ng	0.00
87) Perylene-d12	24.64	264	554981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	706375	149.49	ng	0.00
7) Phenol-d6	7.09	99	944518	148.86	ng	0.00
23) Nitrobenzene-d5	9.07	82	571059	94.21	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	414308	150.84	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1271811	91.02	ng	0.00
79) Terphenyl-d14	19.91	244	2077679	84.80	ng	0.00
Target Compounds						
10) Phenol	7.11	94	20280	3.230	ng	Qvalue # 74
50) Dimethylphthalate	14.00	163	113926	6.774	ng	# 97

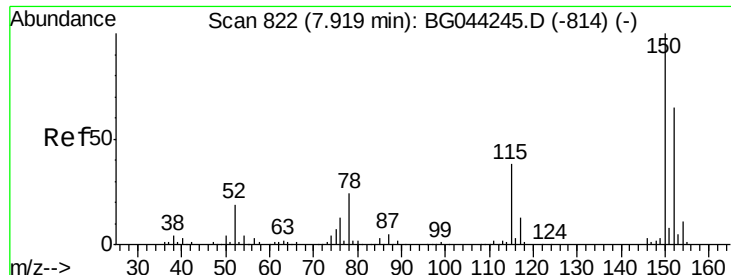
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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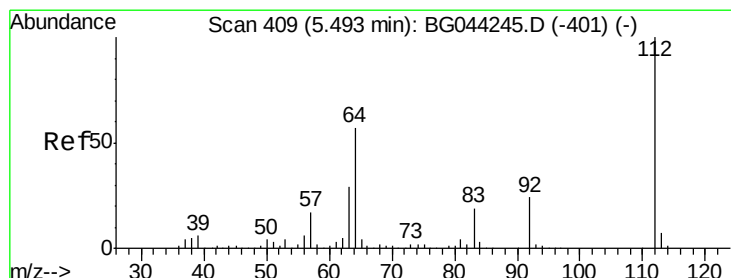
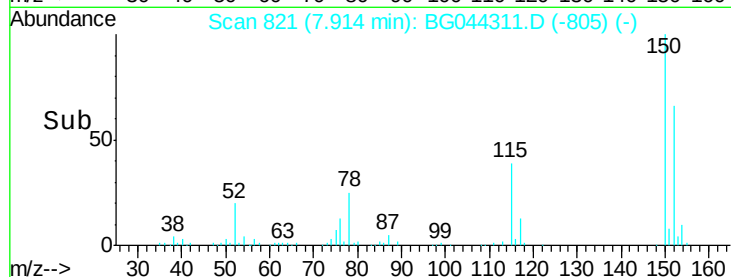
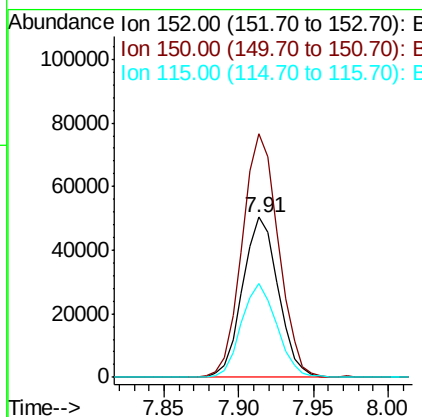
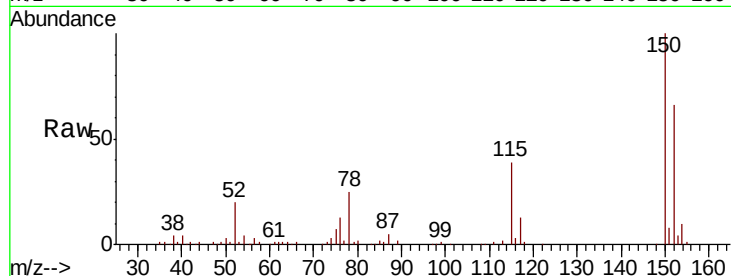


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044311.D
 Acq: 5 Feb 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

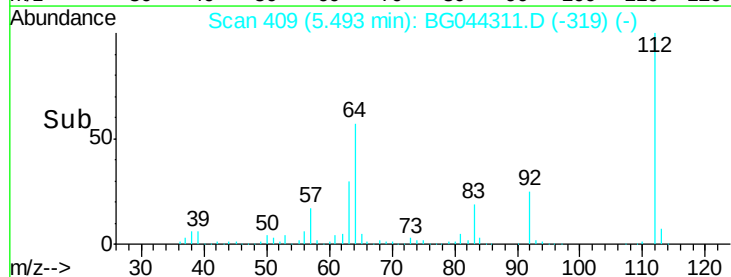
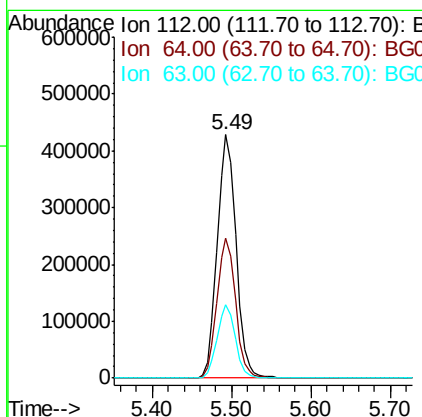
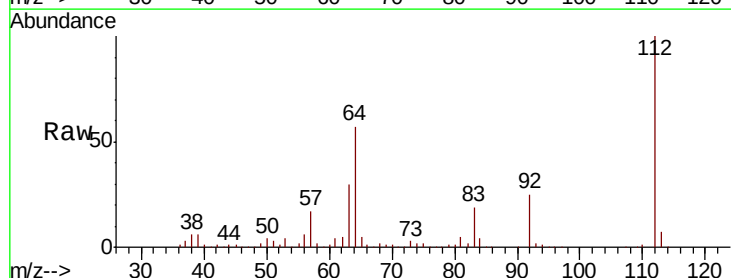
Tot Ion	152	Resp	83391
Ion Ratio	100	Lower	Upper
150	152.3	122.6	183.8
115	58.7	46.0	69.0

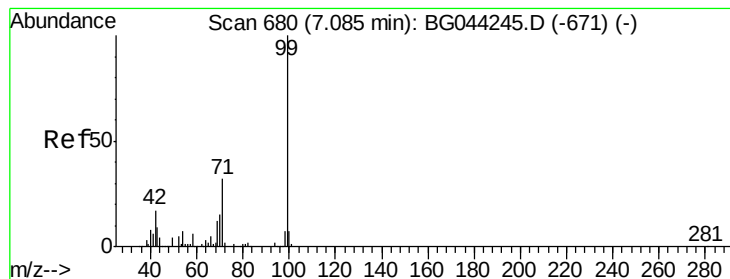


#5

2-Fluorophenol
 Concen: 149.493 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044311.D
 Acq: 5 Feb 2020 19:25

Tgt Ion	112	Resp	706375
Ion Ratio	100	Lower	Upper
64	57.3	45.4	68.2
63	30.0	22.9	34.3





#7

Phenol-d6

Concen: 148.857 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SB-4

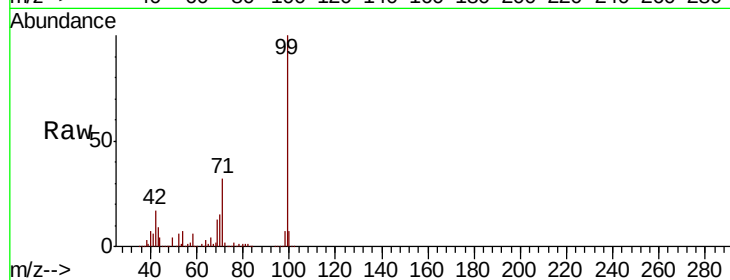
Tot Ion: 99 Resp: 944518

Ion Ratio Lower Upper

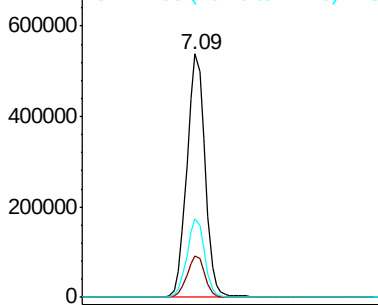
99 100

42 17.1 13.8 20.6

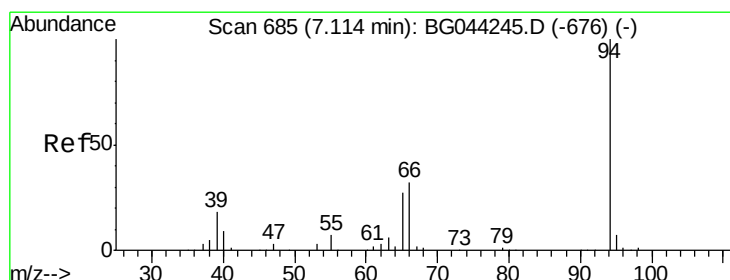
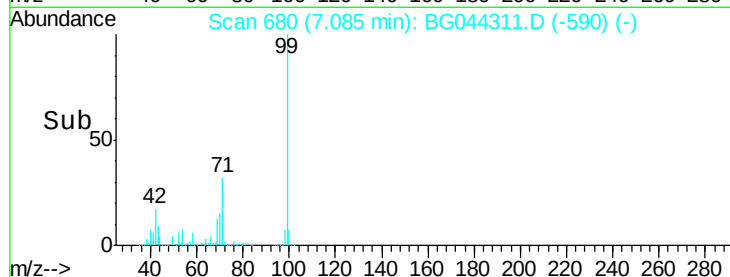
71 32.3 25.5 38.3



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



Time-->



#10

Phenol

Concen: 3.230 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

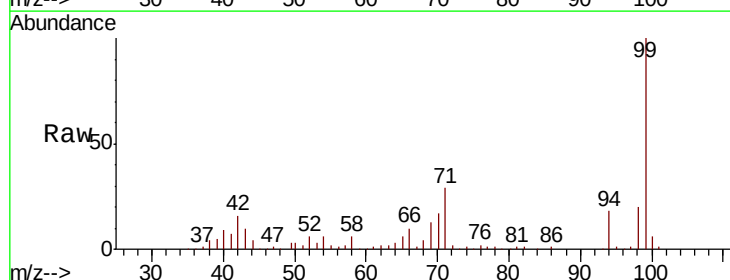
Tgt Ion: 94 Resp: 20280

Ion Ratio Lower Upper

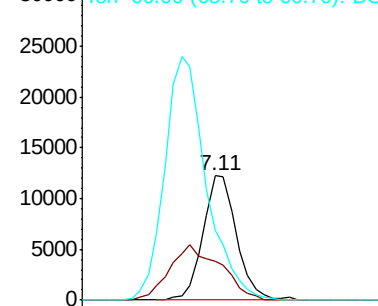
94 100

65 31.2 7.0 47.0

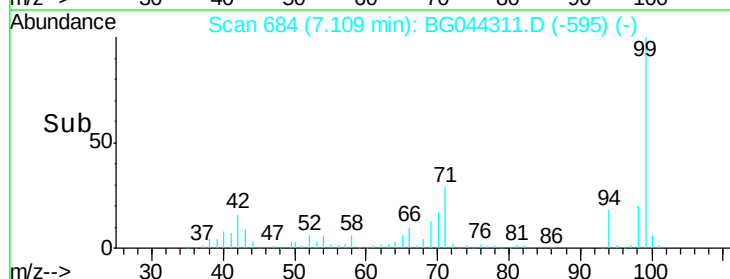
66 56.0 12.7 52.7#

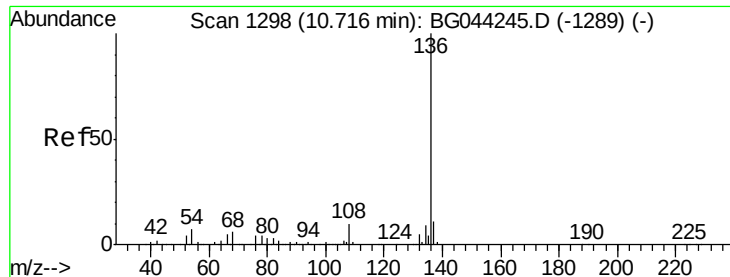


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->

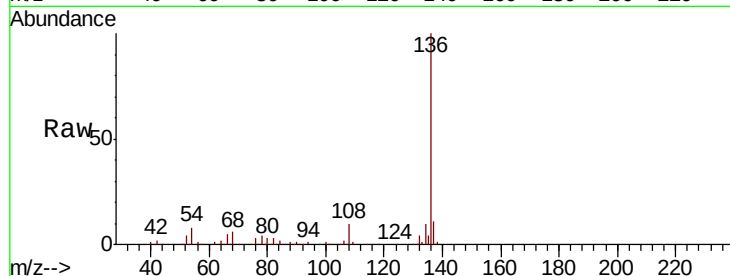




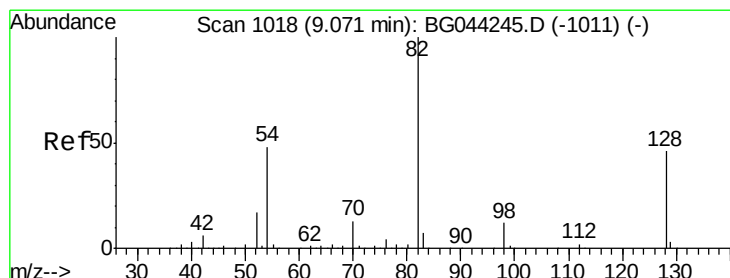
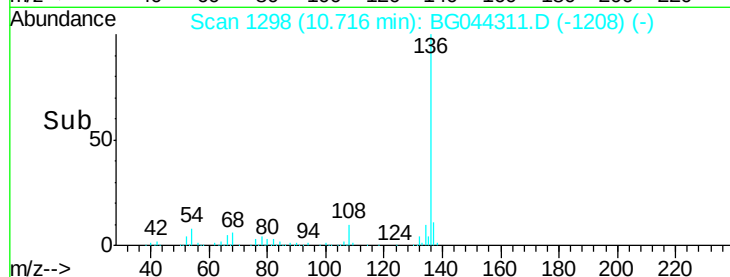
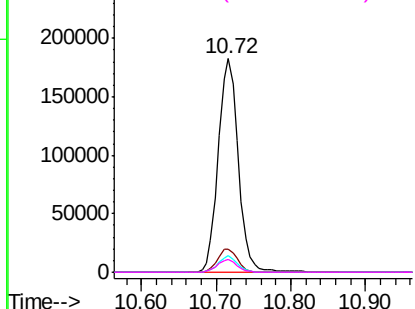
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

Instrument :
BNA_G
ClientSampled :
SB-4

Tot Ion:136	Resp:	342208
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 7.6	5.8	8.8
68 5.8	4.6	6.8

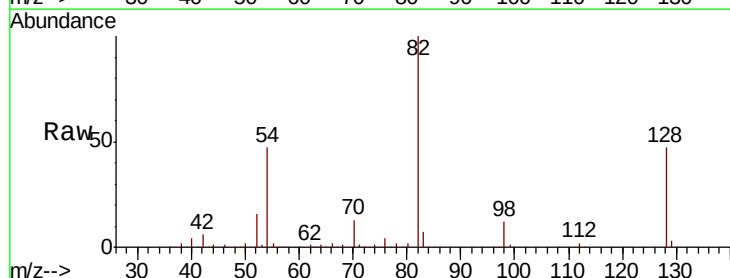


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

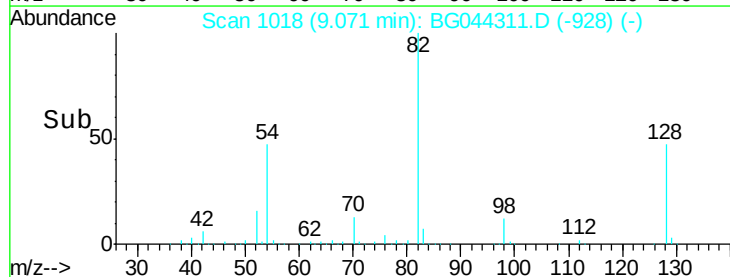
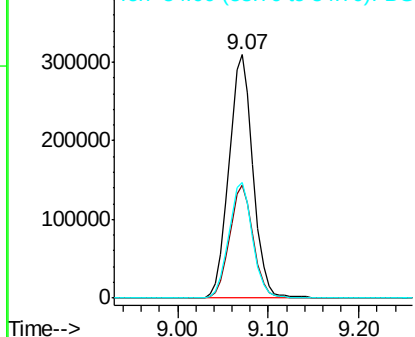


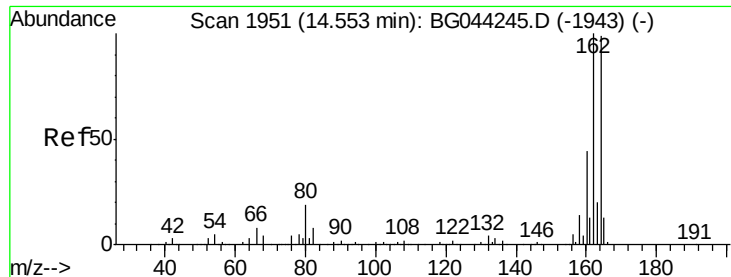
#23
Nitrobenzene-d5
Concen: 94.211 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044311.D
Acq: 5 Feb 2020 19:25

Tgt	Ion: 82	Resp:	571059
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	47.4	38.6	58.0



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: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SB-4

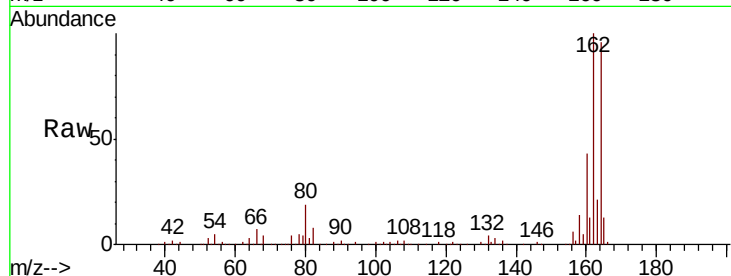
Tot Ion:164 Resp: 233974

Ion Ratio Lower Upper

164 100

162 104.1 80.7 121.1

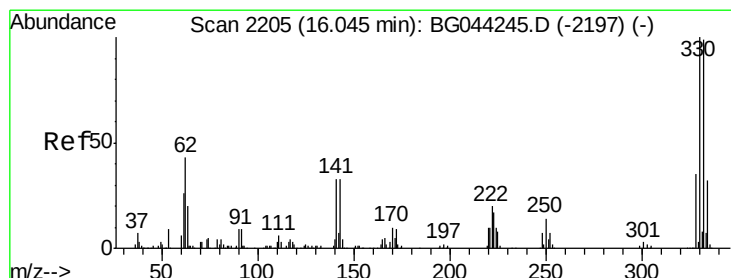
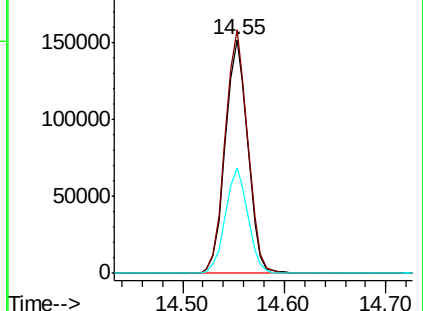
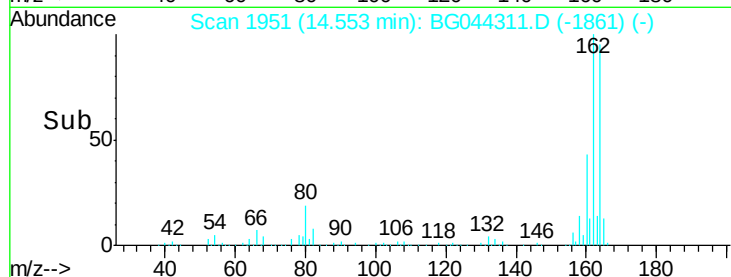
160 44.9 35.3 52.9



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: 150.837 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

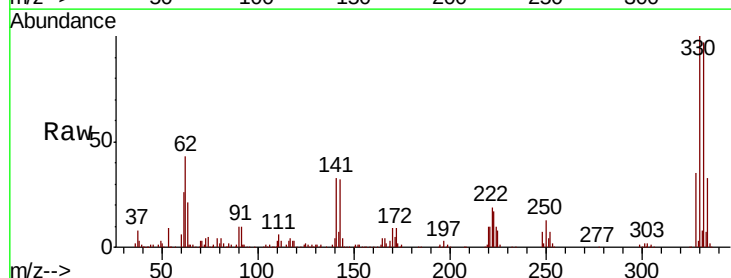
Tgt Ion:330 Resp: 414308

Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

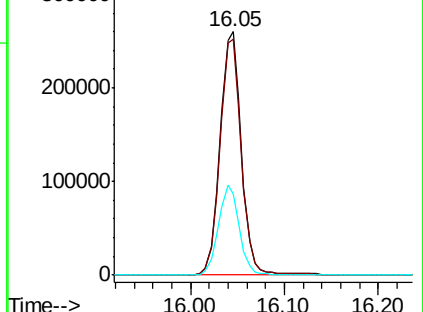
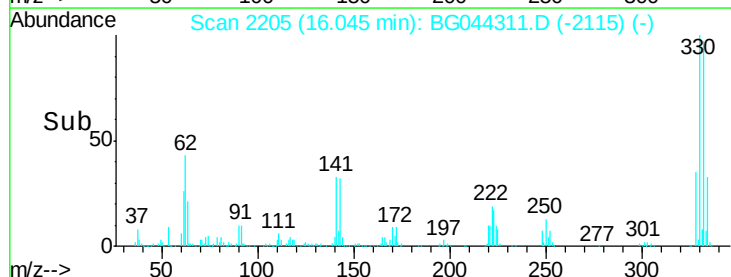
141 36.1 28.3 42.5

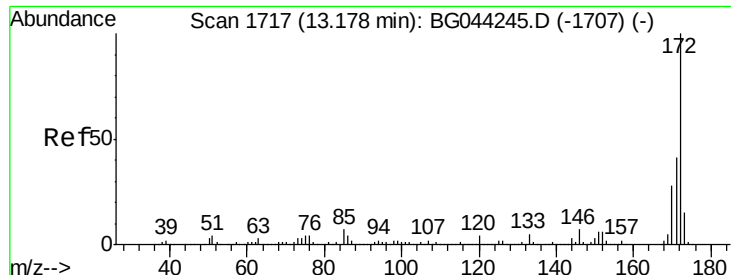


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

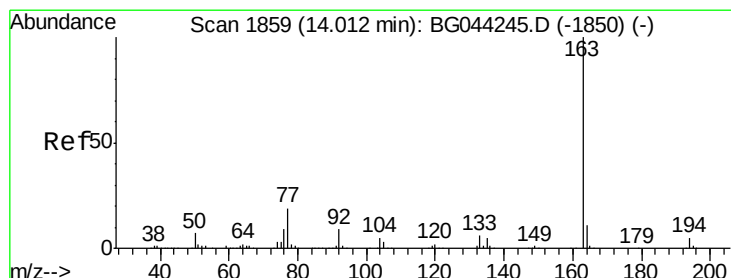
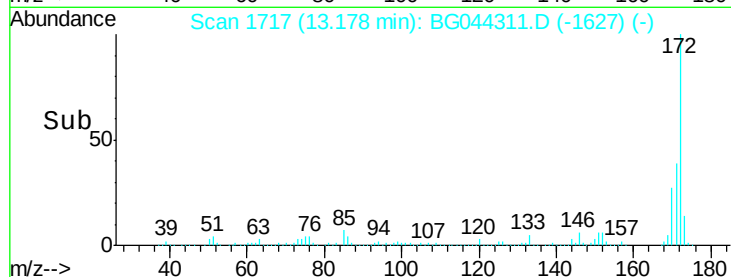
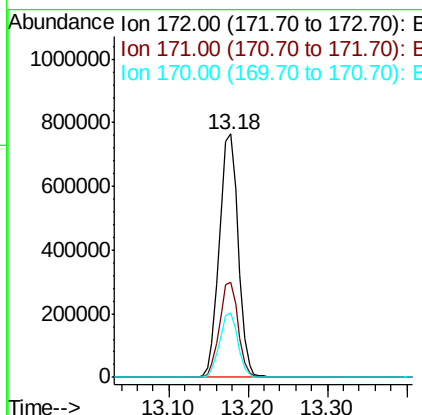
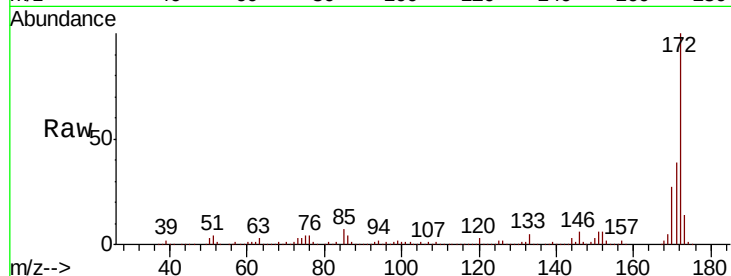




#45
 2-Fluorobiphenyl
 Concen: 91.024 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044311.D
 Acq: 5 Feb 2020 19:25

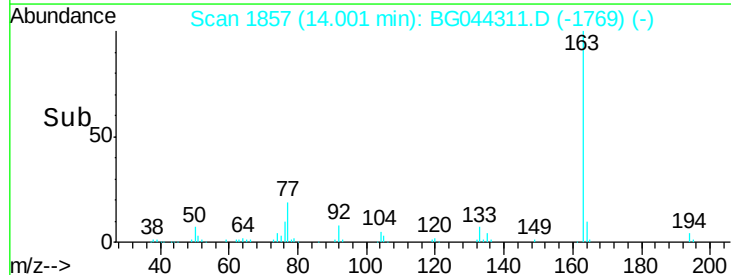
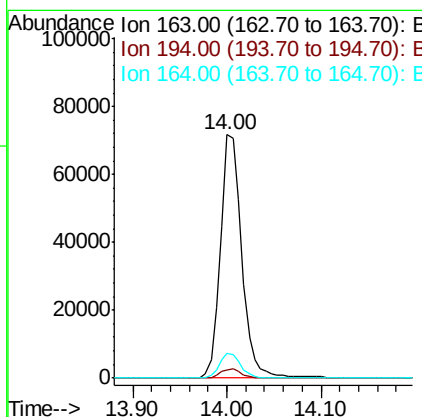
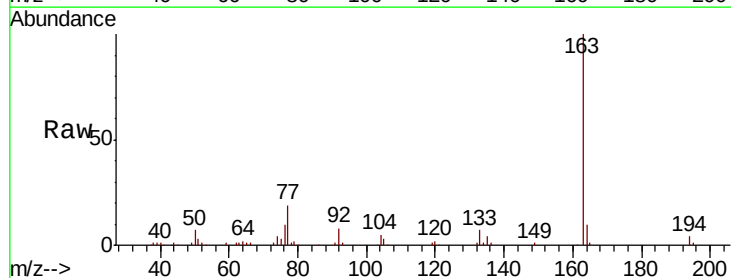
Instrument :
 BNA_G
 ClientSampled :
 SB-4

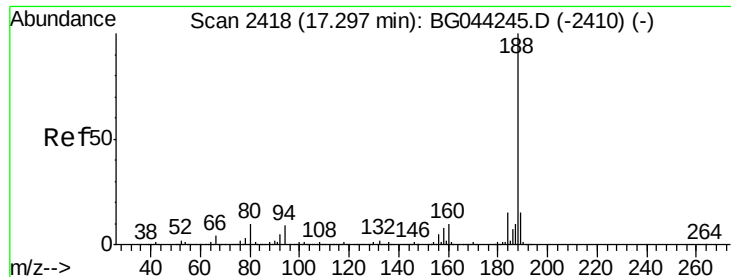
Tot Ion:172 Resp: 1271811
 Ion Ratio Lower Upper
 172 100
 171 39.1 32.9 49.3
 170 26.6 22.0 33.0



#50
 Dimethylphthalate
 Concen: 6.774 ng
 RT: 14.00 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BG044311.D
 Acq: 5 Feb 2020 19:25

Tgt Ion:163 Resp: 113926
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.6 5.4#
 164 9.9 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Instrument :

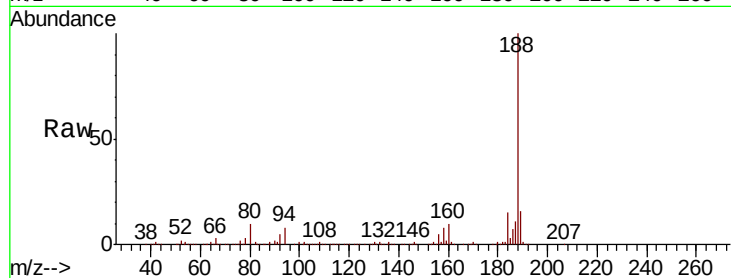
BNA_G

ClientSampleId :

SB-4

Tot Ion:188 Resp: 549077

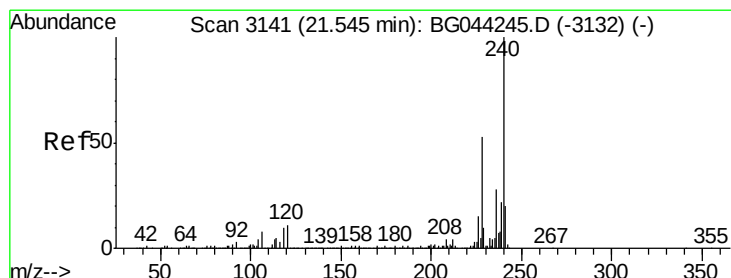
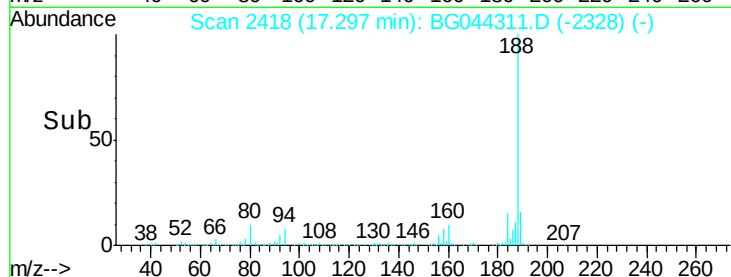
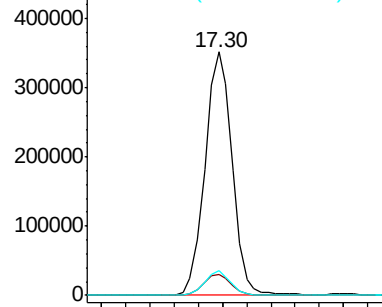
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	10.2	7.7	11.5



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: 21.54 min Scan# 3140

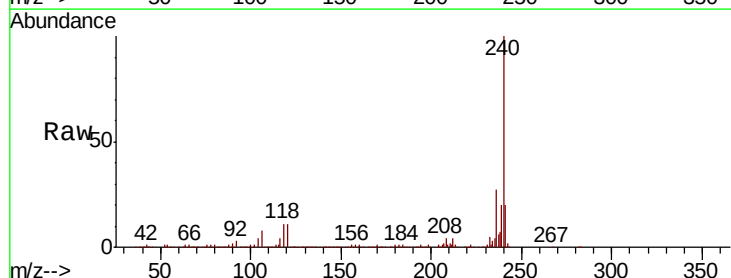
Delta R.T. -0.01 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Tgt Ion:240 Resp: 503958

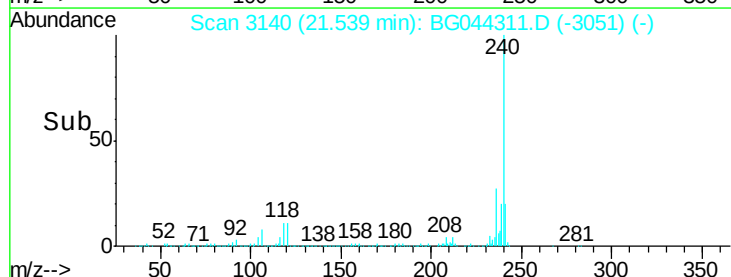
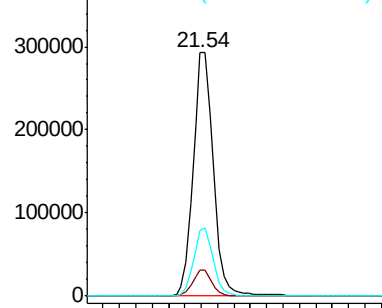
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	27.1	22.1	33.1

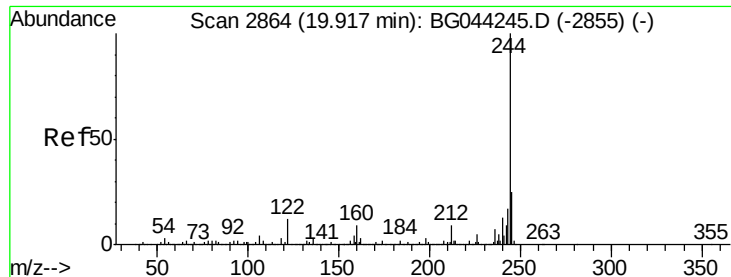


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.799 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SB-4

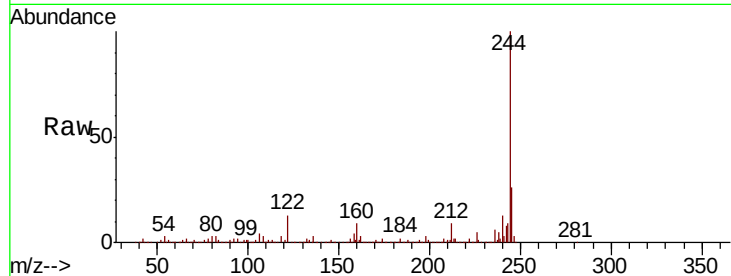
Tot Ion:244 Resp: 2077679

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.2

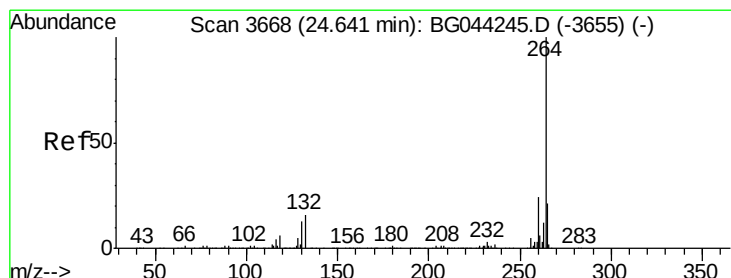
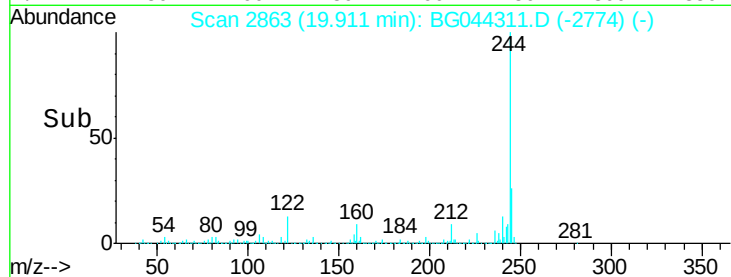
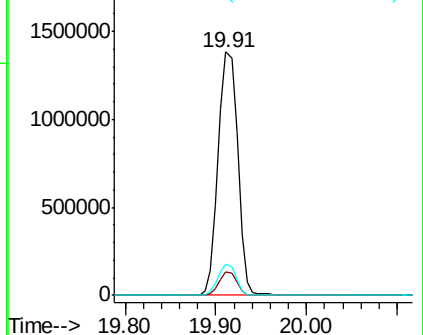
122 12.9 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044311.D

Acq: 5 Feb 2020 19:25

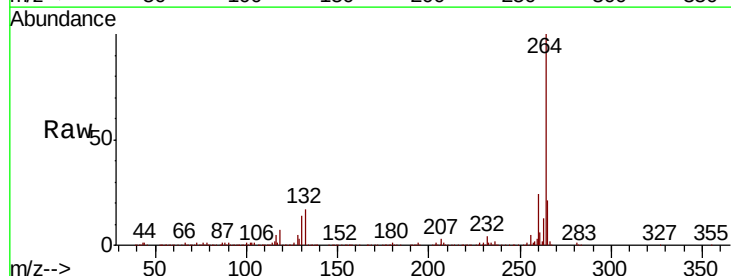
Tgt Ion:264 Resp: 554981

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.0 16.7 25.1



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

