

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022506.D
 Acq On : 03 Sep 2019 17:06
 Operator : HP/JU
 Sample : K4555-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 02:02:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

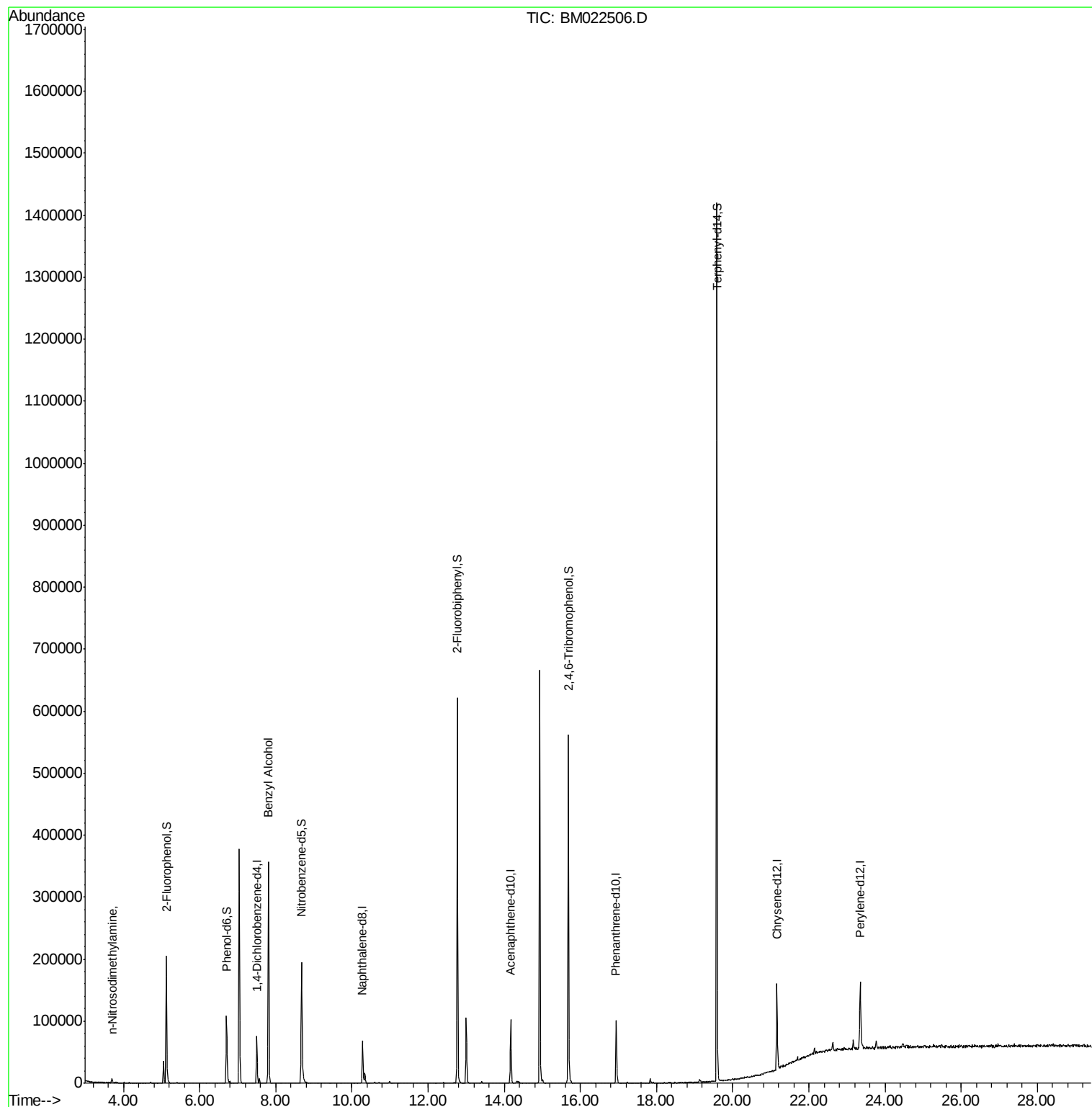
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	16180	20.00	ng	-0.01
21) Naphthalene-d8	10.28	136	55520	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	34051	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	69785	20.00	ng	0.00
76) Chrysene-d12	21.16	240	76650	20.00	ng	0.00
87) Perylene-d12	23.34	264	92598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	65573	71.14	ng	0.00
7) Phenol-d6	6.70	99	52234	42.38	ng	0.00
23) Nitrobenzene-d5	8.68	82	119447	94.23	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	80786	115.94	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	262171	87.22	ng	0.00
79) Terphenyl-d14	19.58	244	558172	96.11	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.70	42	1693	2.400	ng	Qvalue # 14
15) Benzyl Alcohol	7.81	79	2718	2.324	ng	# 1

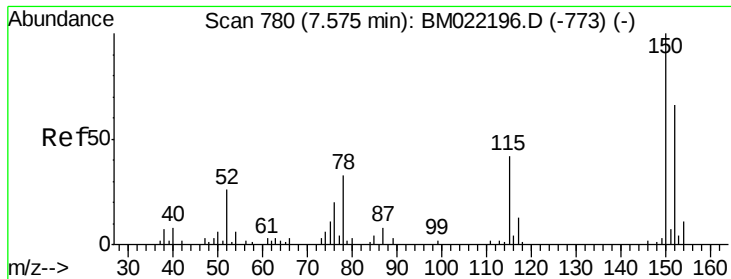
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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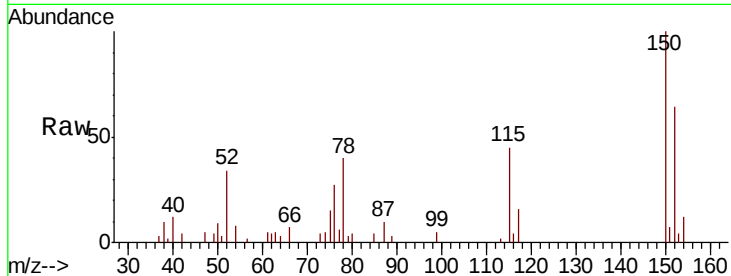


#1

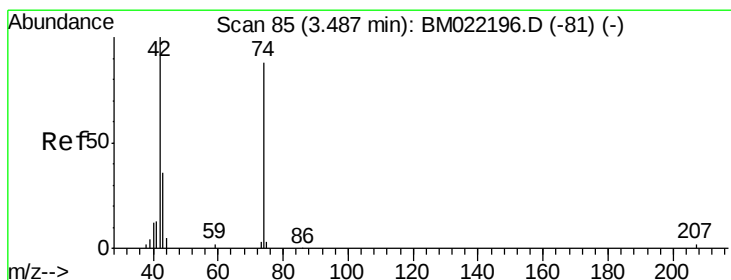
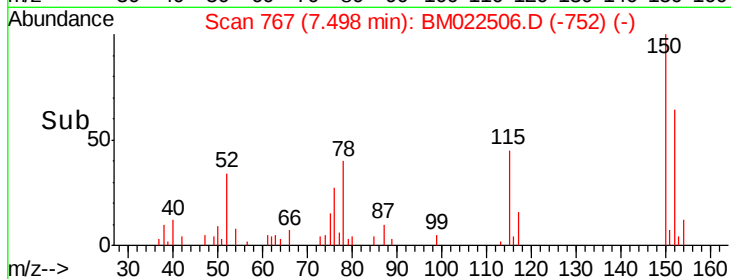
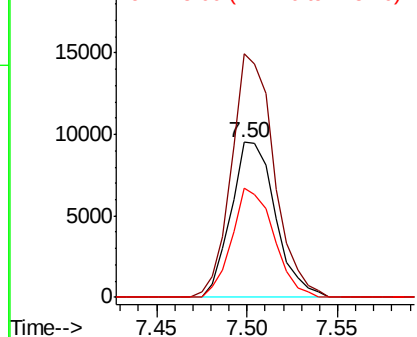
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BM022506.D
 Acq: 03 Sep 2019 17:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 16180
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.4 188.0
 115 70.7 50.3 75.5



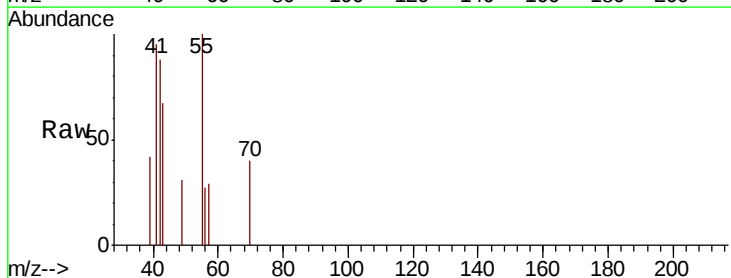
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



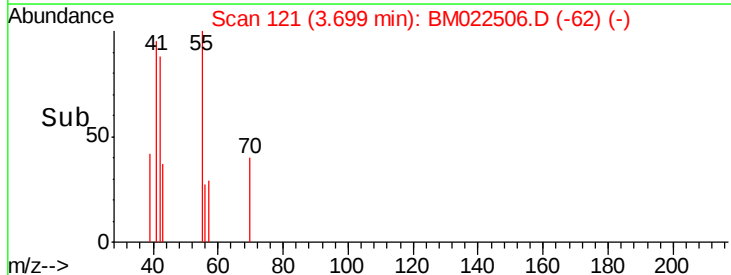
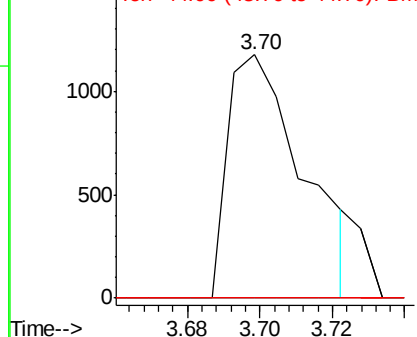
#4

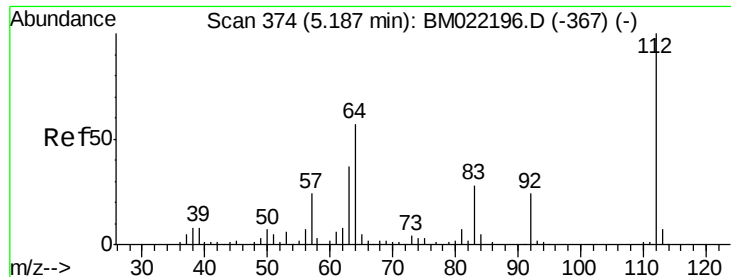
n-Nitrosodimethylamine
 Concen: 2.400 ng
 RT: 3.70 min Scan# 121
 Delta R.T. 0.25 min
 Lab File: BM022506.D
 Acq: 03 Sep 2019 17:06

Tgt Ion: 42 Resp: 1693
 Ion Ratio Lower Upper
 42 100
 74 0.0 63.0 94.6#
 44 0.0 3.0 4.6#



Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 71.139 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.00 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

Instrument :

BNA_M

ClientSampled :

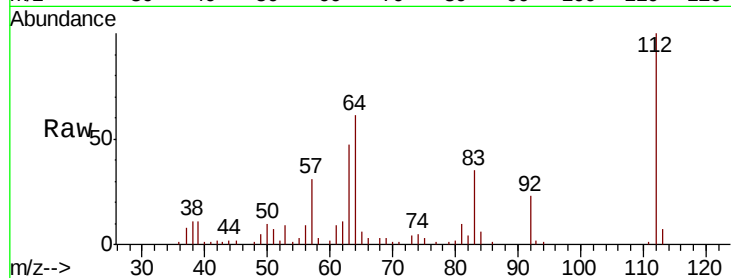
Tot Ion: 112 Resp: 65573

Ion Ratio Lower Upper

112 100

64 61.5 45.4 68.2

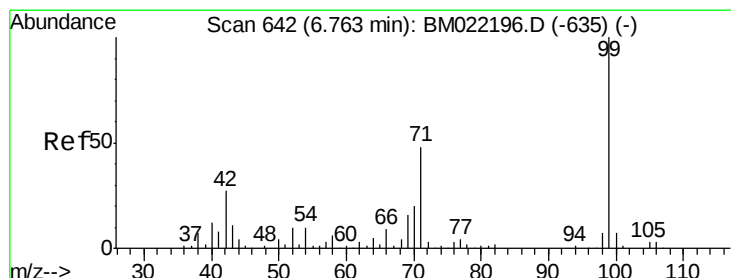
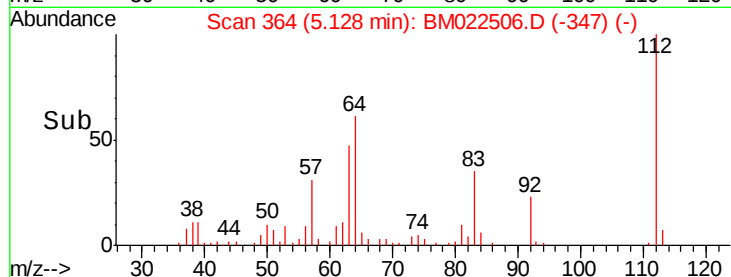
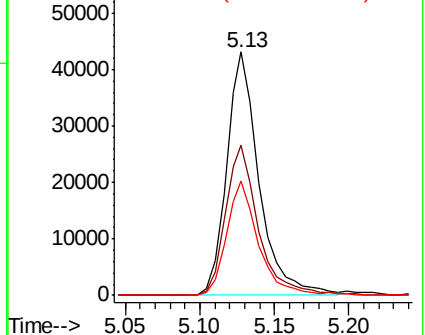
63 46.8 34.5 51.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 42.376 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

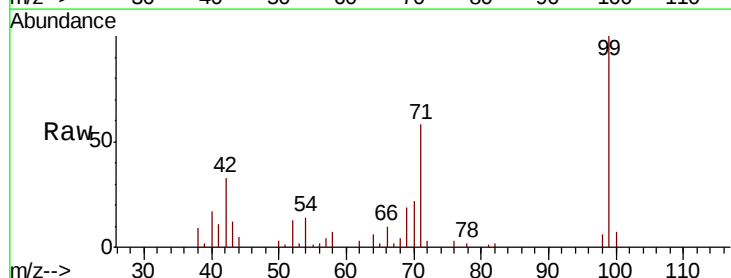
Tgt Ion: 99 Resp: 52234

Ion Ratio Lower Upper

99 100

42 32.7 26.3 39.5

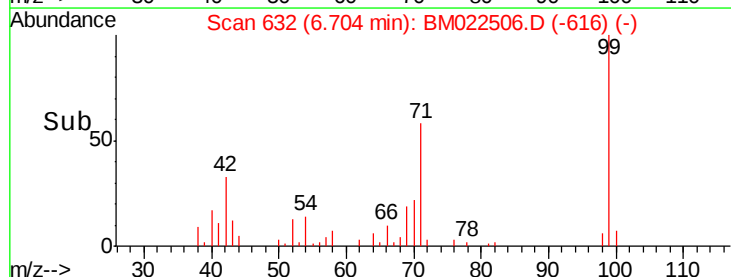
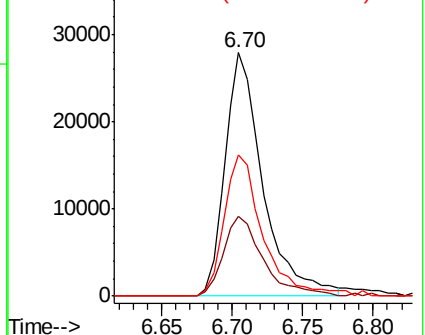
71 58.2 46.6 69.8

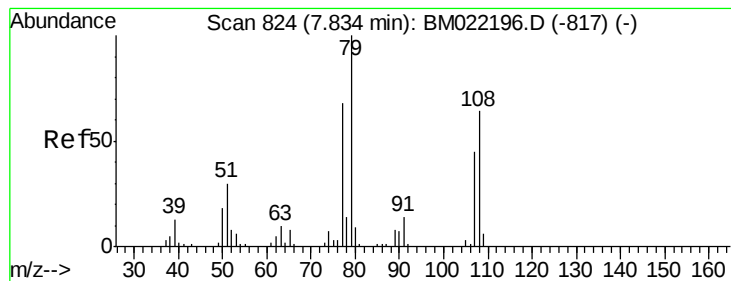


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#15

Benzyl Alcohol

Concen: 2.324 ng

RT: 7.81 min Scan# 820

Delta R.T. 0.03 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

Instrument :

BNA_M

ClientSampled :

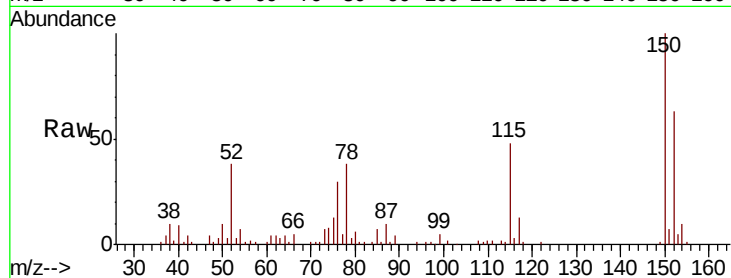
Tot Ion: 79 Resp: 2718

Ion Ratio Lower Upper

79 100

108 81.0 48.2 72.4#

77 204.8 56.6 85.0#

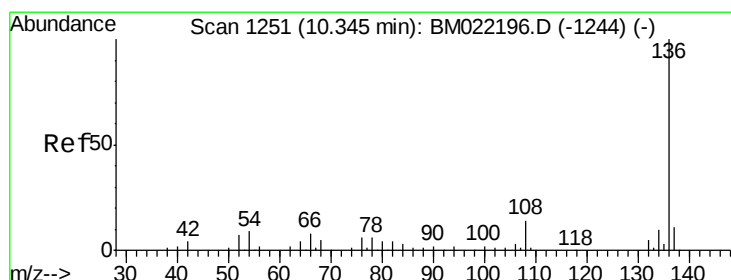
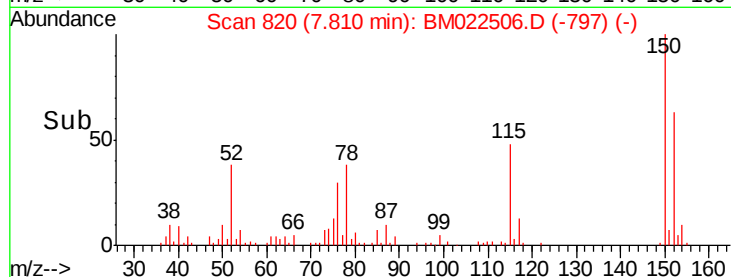
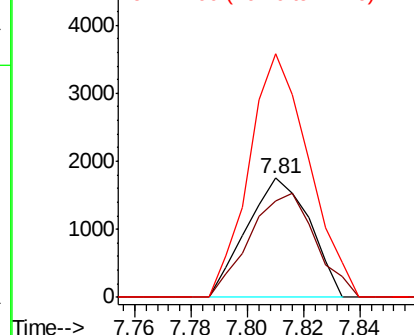


Abundance

Ion 79.00 (78.70 to 79.70): BM0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

Tgt Ion: 136 Resp: 55520

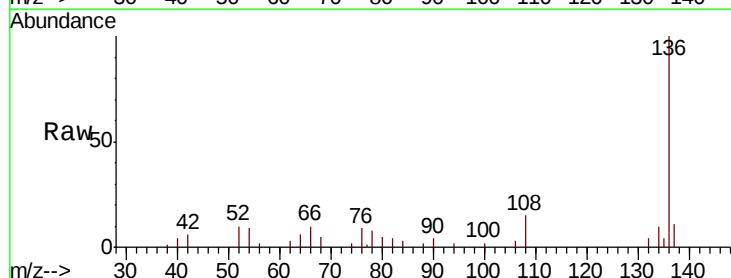
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 9.4 7.0 10.6

68 4.8 2.9 4.3#



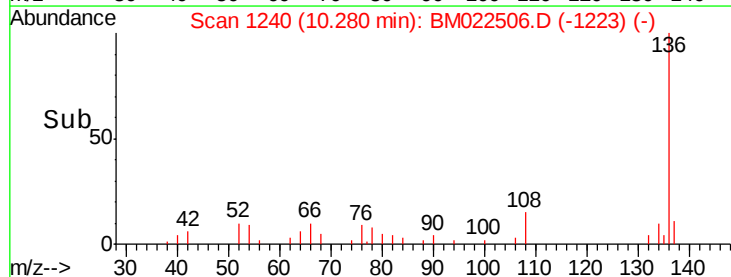
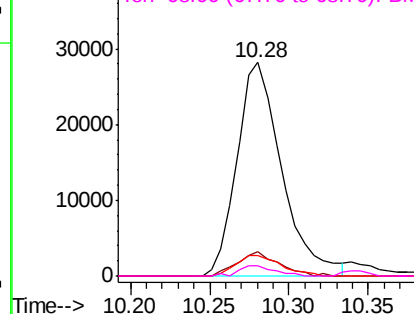
Abundance

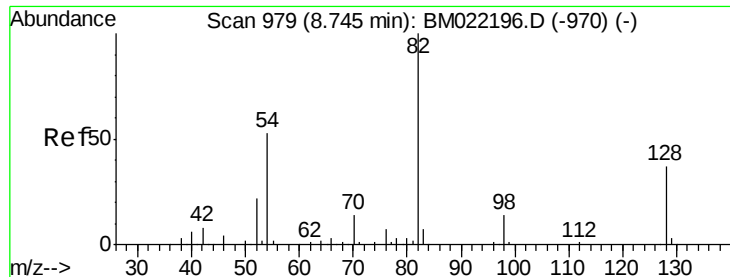
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

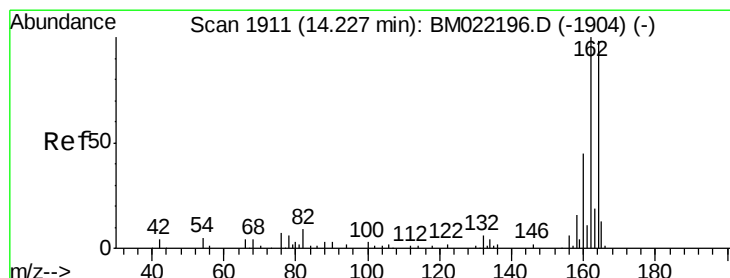
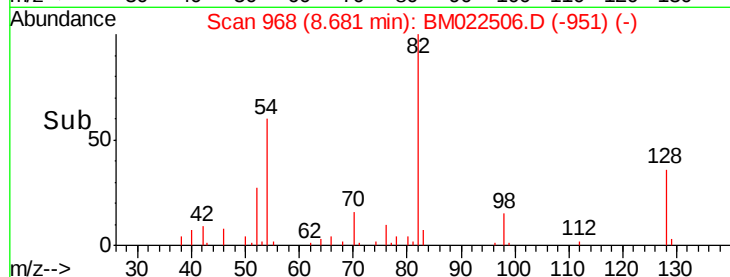
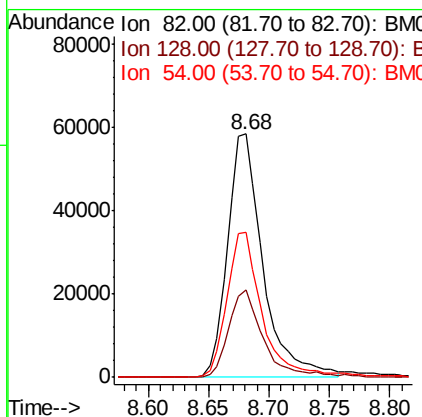
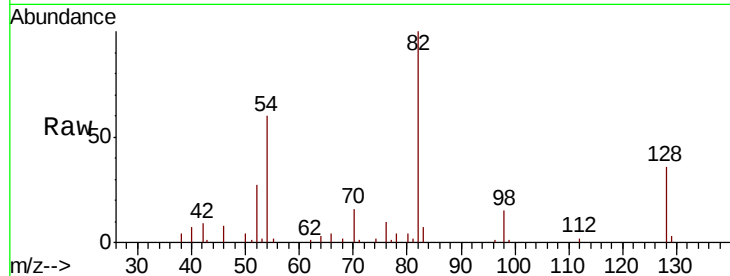




#23
Nitrobenzene-d5
Concen: 94.233 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM022506.D
Acq: 03 Sep 2019 17:06

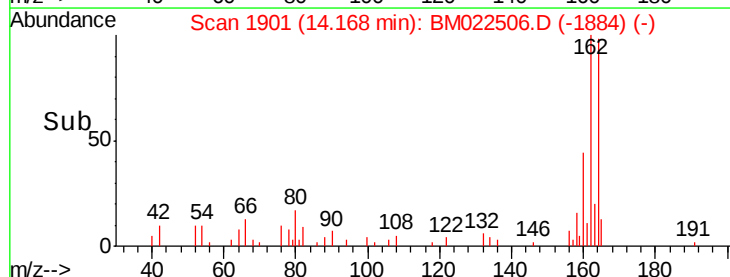
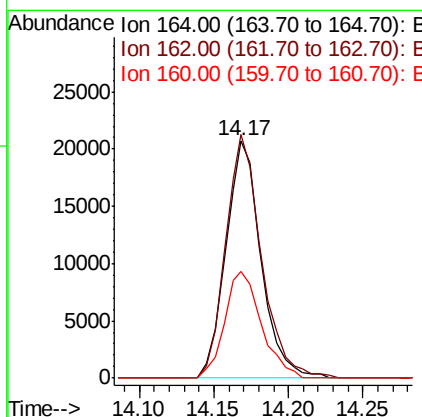
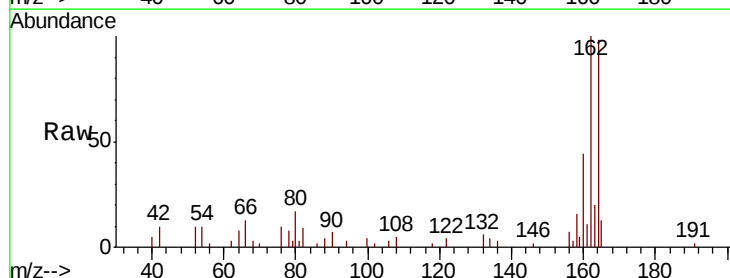
Instrument :
BNA_M
ClientSampleId :

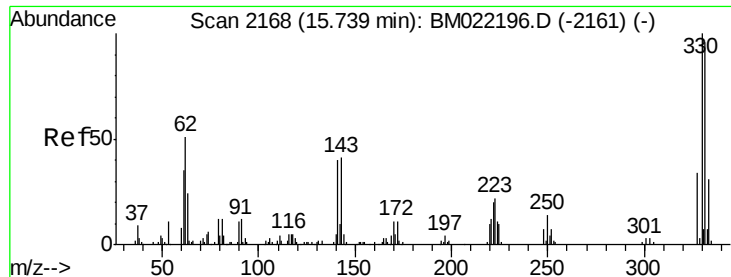
Tot Ion: 82 Resp: 119447
Ion Ratio Lower Upper
82 100
128 35.8 27.9 41.9
54 59.7 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM022506.D
Acq: 03 Sep 2019 17:06

Tgt Ion:164 Resp: 34051
Ion Ratio Lower Upper
164 100
162 102.4 80.6 121.0
160 45.1 37.3 55.9

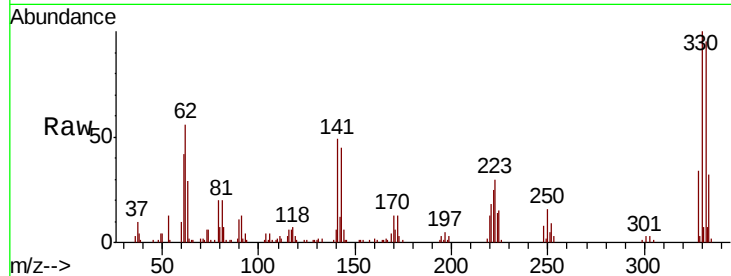




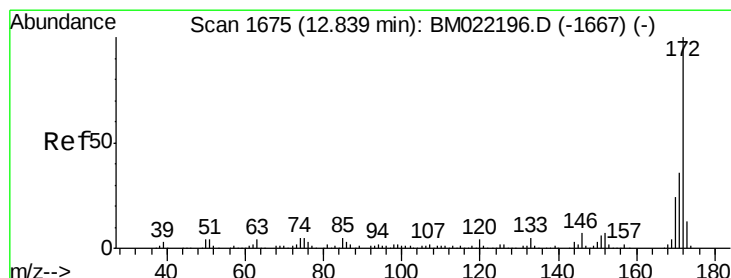
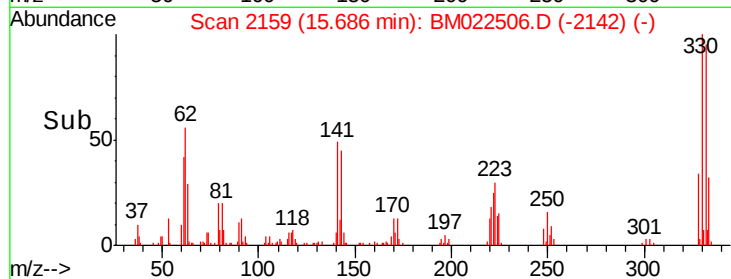
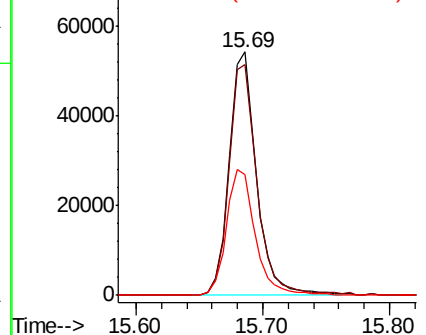
#42
 2,4,6-Tribromophenol
 Concen: 115.942 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022506.D
 Acq: 03 Sep 2019 17:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.8
141	54.5	35.6	53.4

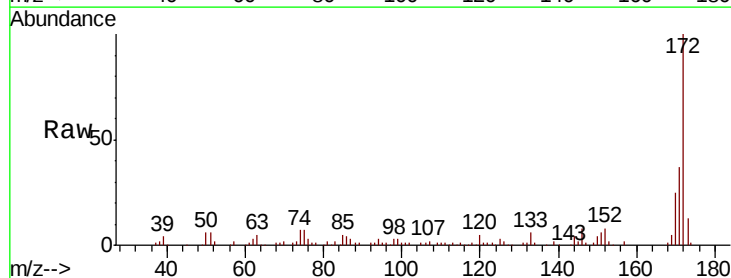


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

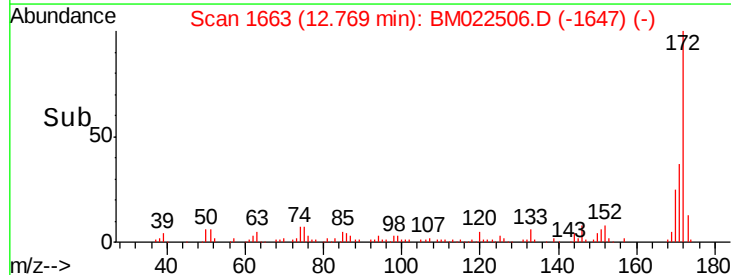
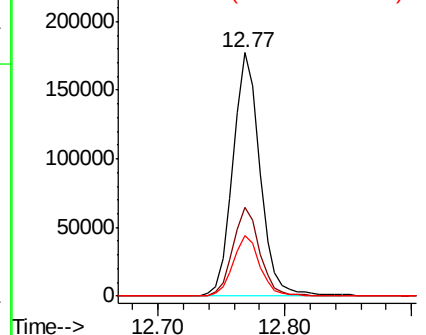


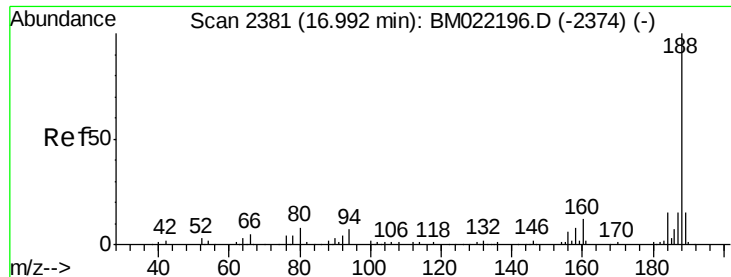
#45
 2-Fluorobiphenyl
 Concen: 87.222 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM022506.D
 Acq: 03 Sep 2019 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	25.0	18.9	28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

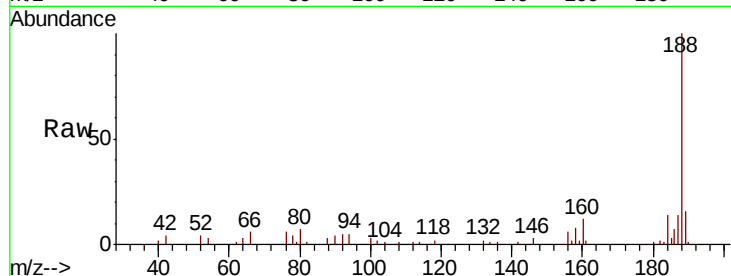




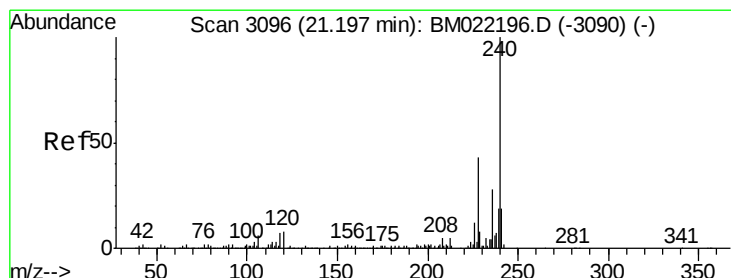
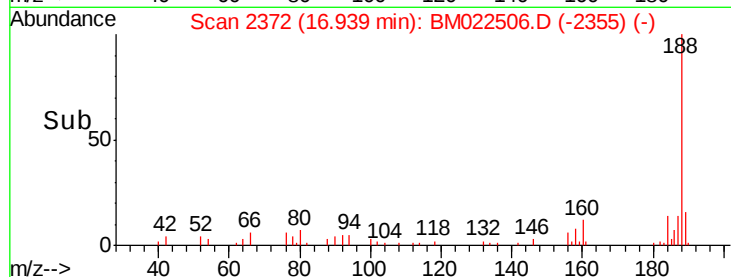
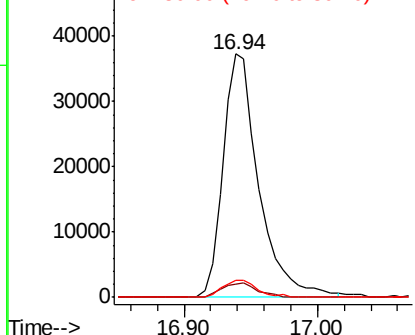
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BM022506.D
Acq: 03 Sep 2019 17:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 69785
Ion Ratio Lower Upper
188 100
94 5.3 4.4 6.6
80 6.8 5.0 7.6

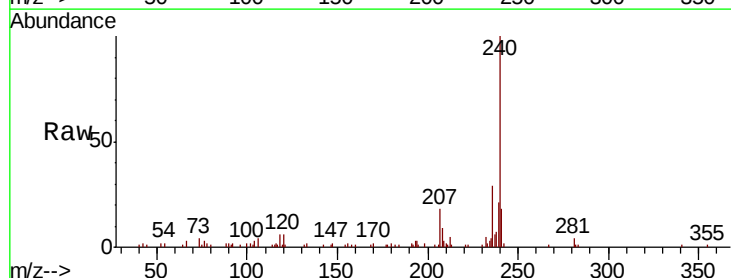


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

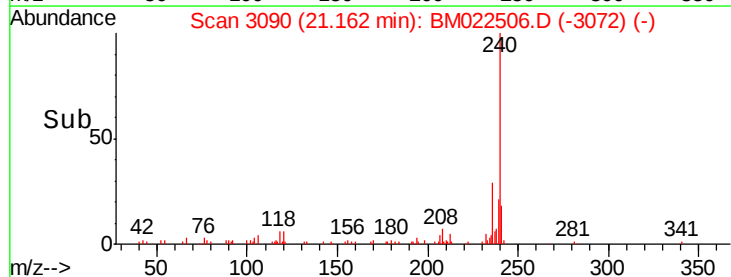
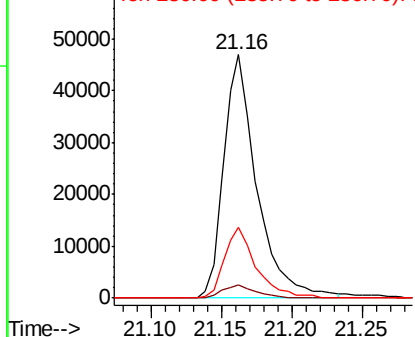


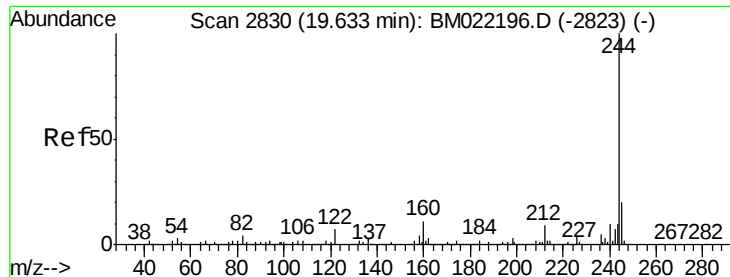
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022506.D
Acq: 03 Sep 2019 17:06

Tgt Ion:240 Resp: 76650
Ion Ratio Lower Upper
240 100
120 5.6 3.9 5.9
236 29.0 21.4 32.2



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: 96.105 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

Instrument :

BNA_M

ClientSampleId :

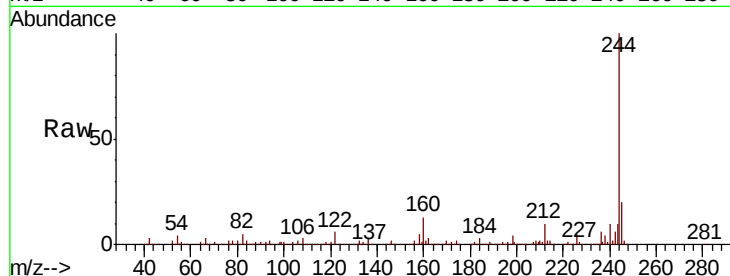
Tot Ion:244 Resp: 558172

Ion Ratio Lower Upper

244 100

212 9.9 7.0 10.4

122 5.7 3.9 5.9

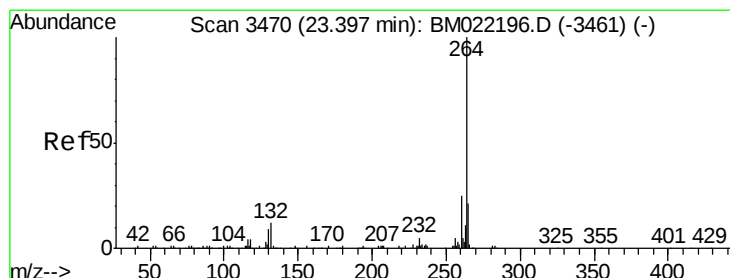
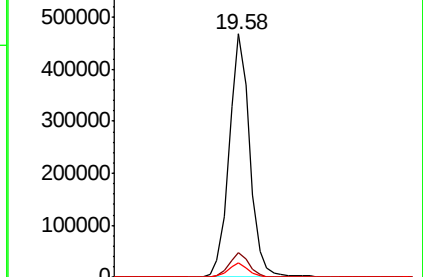
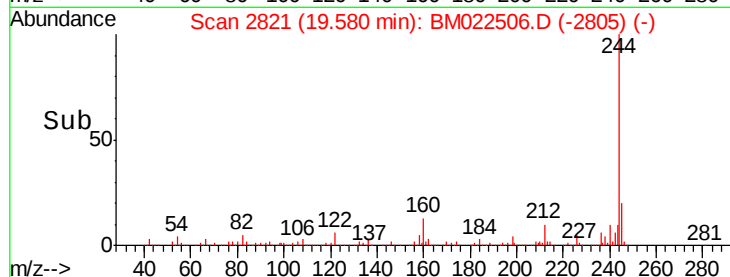


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.58



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

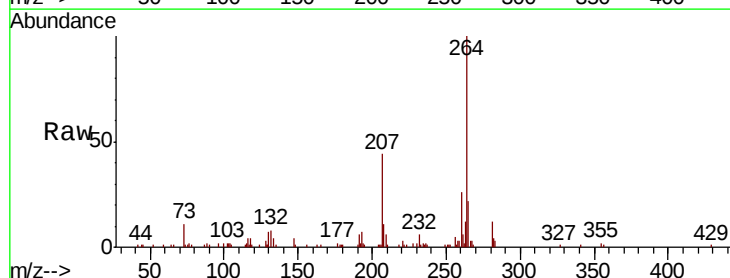
Tgt Ion:264 Resp: 92598

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 22.3 18.2 27.2



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

23.34

