

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090220\
 Data File : BM027307.D
 Acq On : 02 Sep 2020 17:13
 Operator : JU/CG
 Sample : PB131374BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 02 17:51:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 16:21:29 2020
 Response via : Initial Calibration

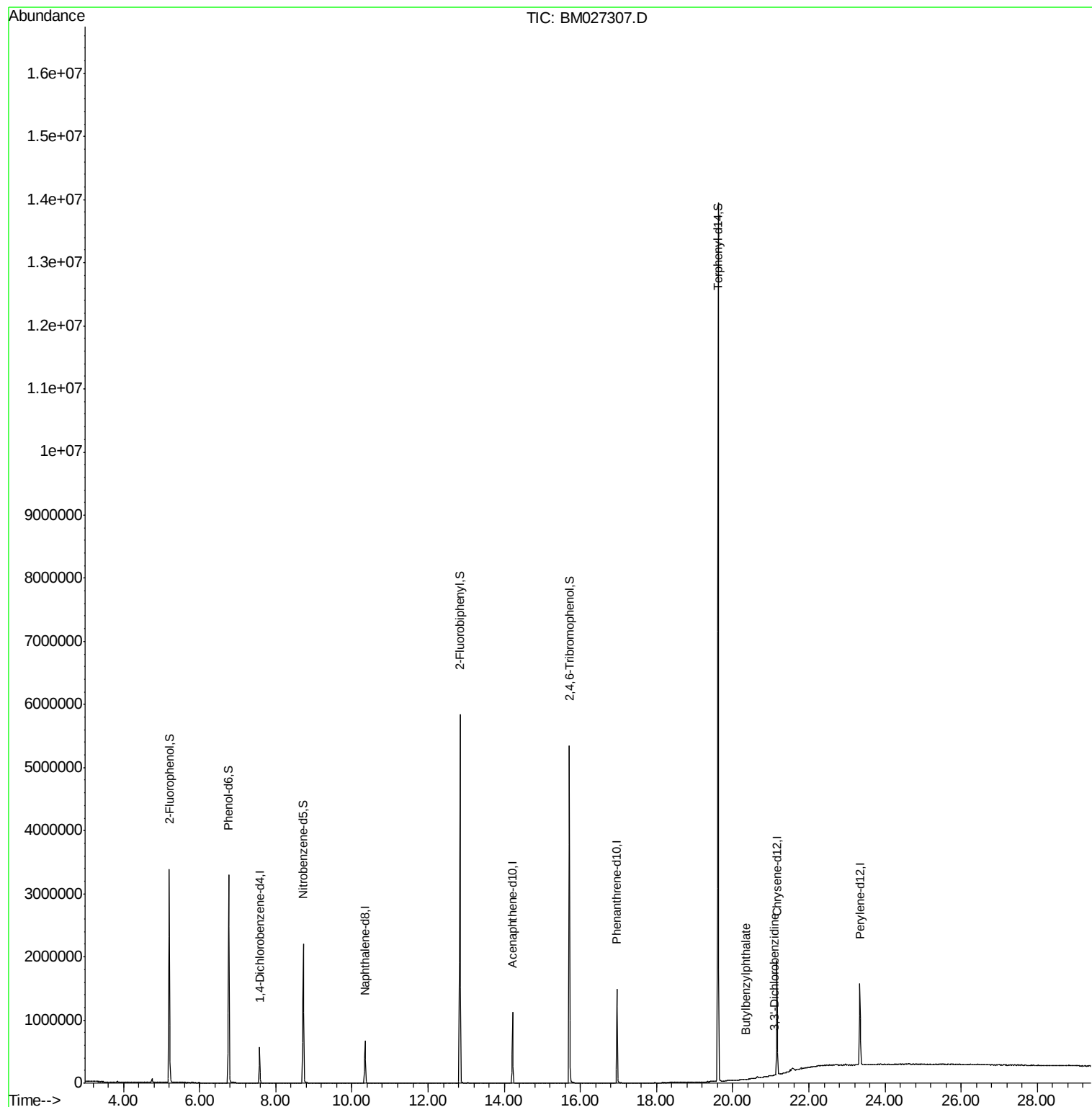
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	142890	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	522824	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	364477	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	827573	20.00	ng	0.00
76) Chrysene-d12	21.16	240	878465	20.00	ng	0.00
86) Perylene-d12	23.34	264	893314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1307604	152.35	ng	0.00
7) Phenol-d6	6.77	99	1673014	144.45	ng	0.00
23) Nitrobenzene-d5	8.72	82	1317354	107.64	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	936411	146.53	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2873339	104.84	ng	0.00
79) Terphenyl-d14	19.62	244	5657457	112.09	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	20.33	149	698	3.931	ng	Qvalue # 61
82) 3,3'-Dichlorobenzidine	21.08	252	407	3.400	ng	# 25

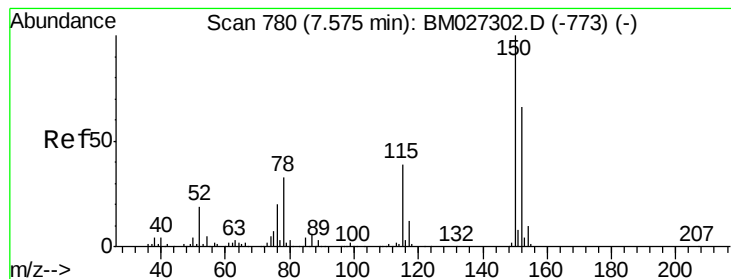
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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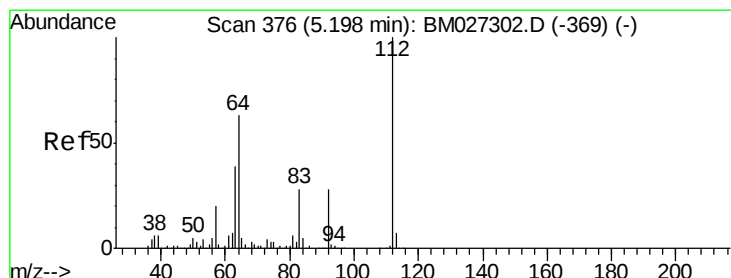
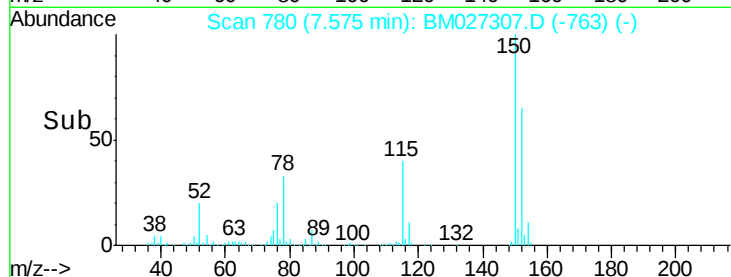
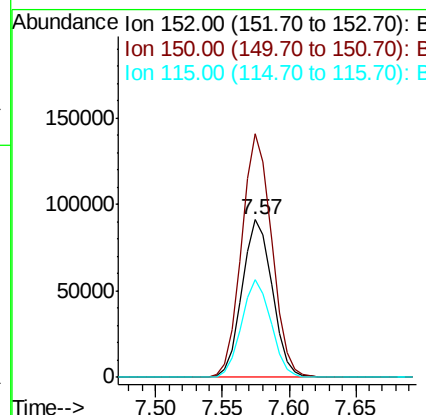
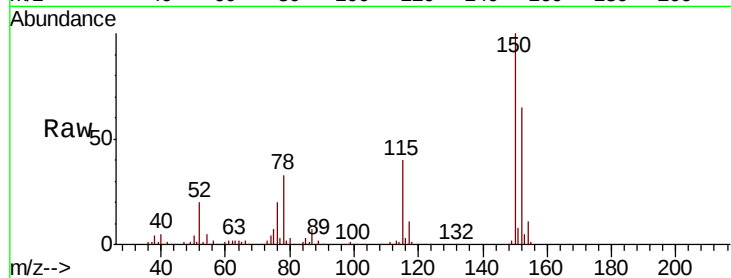


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 780
Delta R.T. 0.00 min
Lab File: BM027307.D
Acq: 02 Sep 2020 17:13

Instrument :
BNA_M
ClientSampleId :

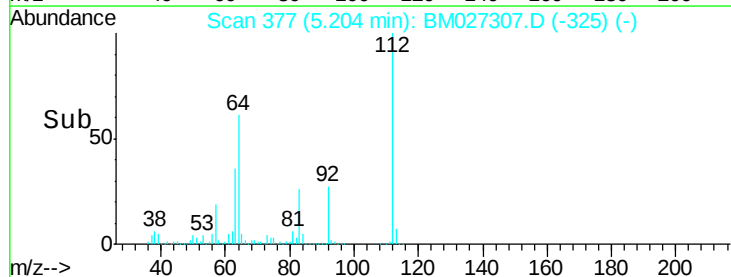
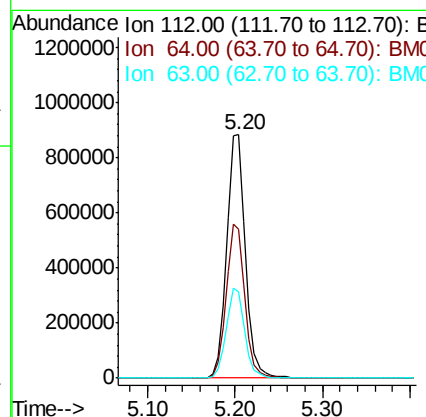
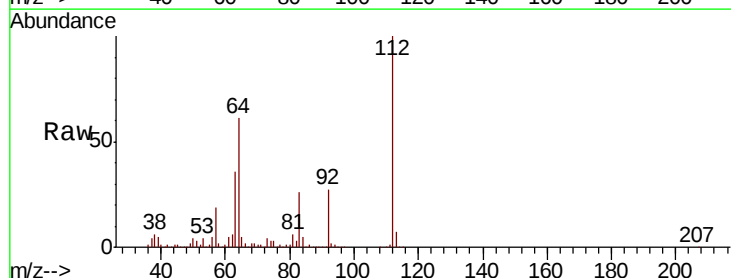
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	120.6	181.0
115	61.9	47.2	70.8

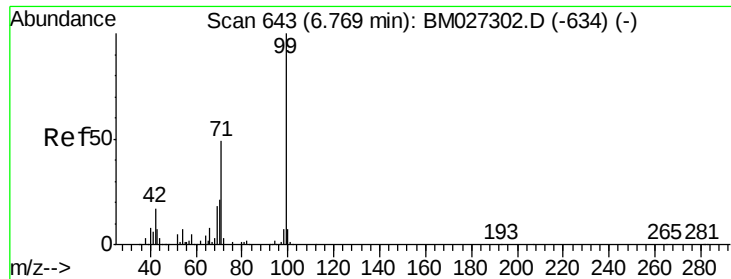


#5

2-Fluorophenol
Concen: 152.354 ng
RT: 5.20 min Scan# 377
Delta R.T. 0.01 min
Lab File: BM027307.D
Acq: 02 Sep 2020 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	50.6	76.0
63	35.5	31.0	46.6





#7

Phenol-d6

Concen: 144.450 ng

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

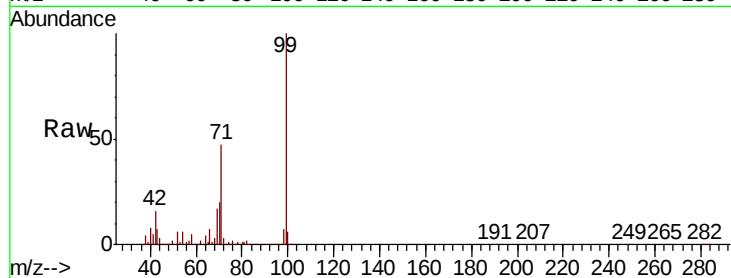
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1673014

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	46.8	39.4	59.0

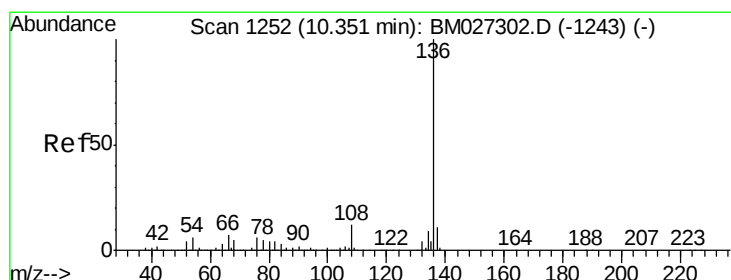
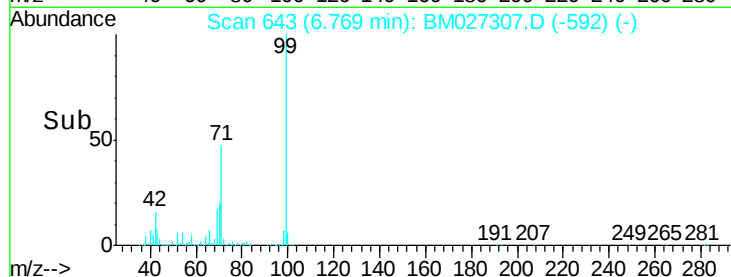
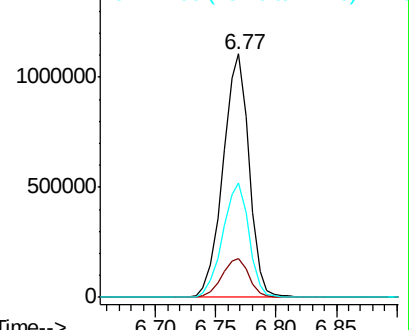


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

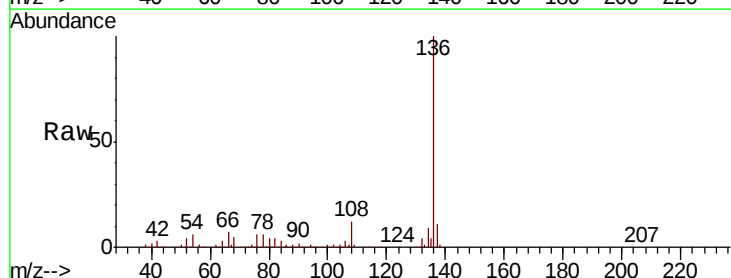
Delta R.T. -0.01 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

Tgt Ion: 136 Resp: 522824

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	5.8	4.6	7.0
68	5.3	4.1	6.1



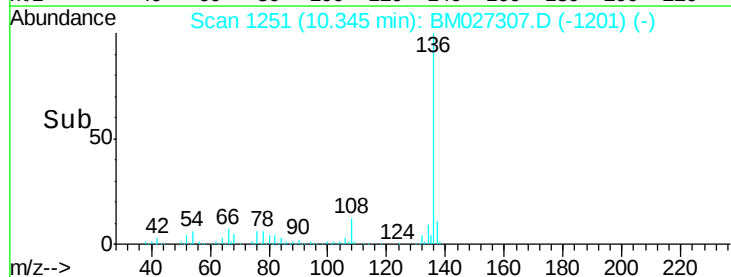
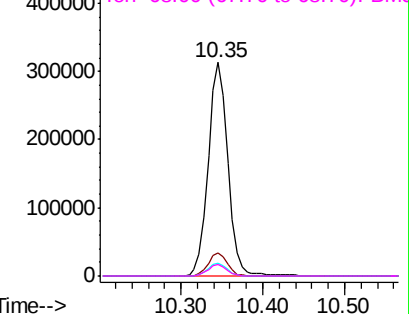
Abundance

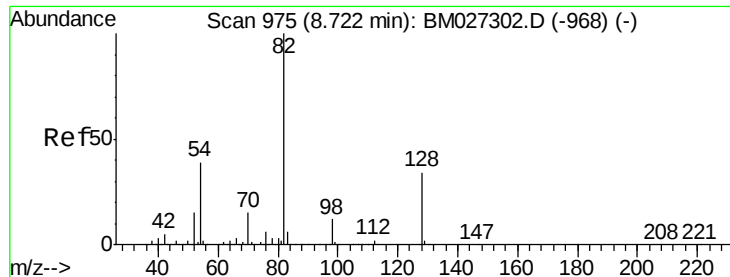
Ion 136.00 (135.70 to 136.70): E

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



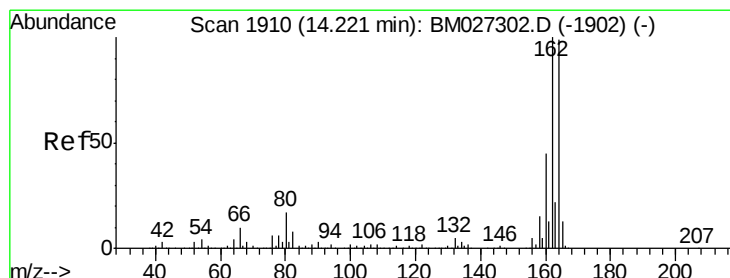
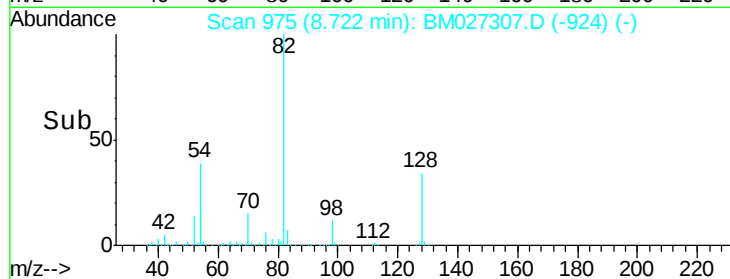
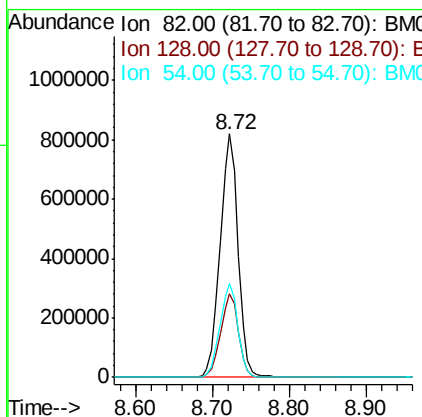
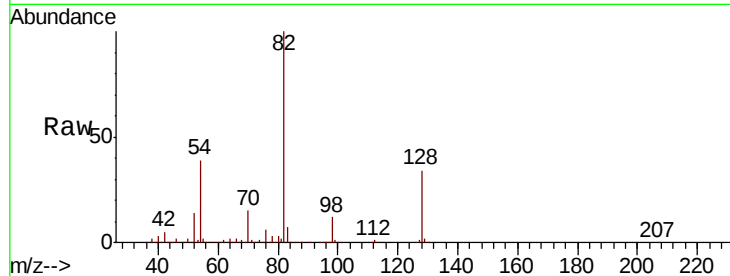


#23
 Nitrobenzene-d5
 Concen: 107.644 ng
 RT: 8.72 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BM027307.D
 Acq: 02 Sep 2020 17:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1317354

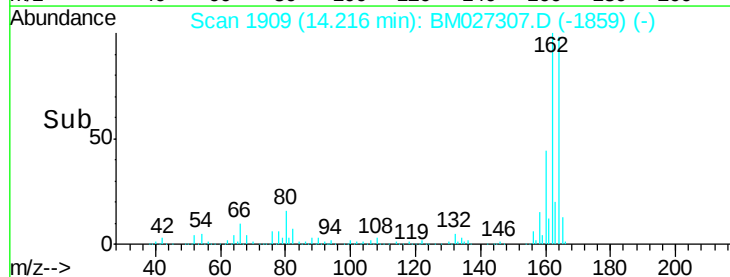
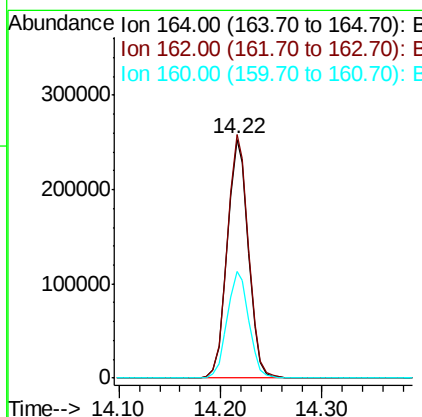
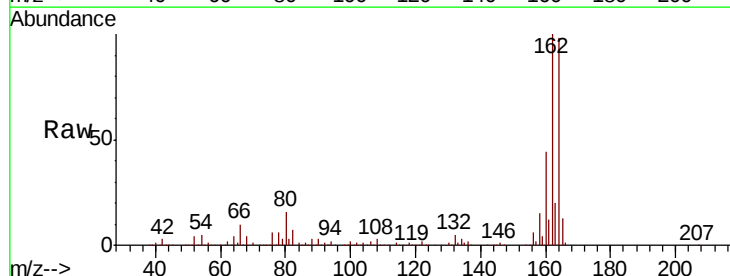
Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.4	41.0
54	38.6	31.4	47.0

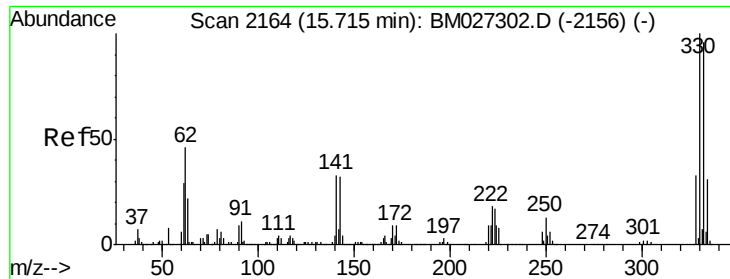


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BM027307.D
 Acq: 02 Sep 2020 17:13

Tgt Ion: 164 Resp: 364477

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.4	120.6
160	44.9	35.9	53.9

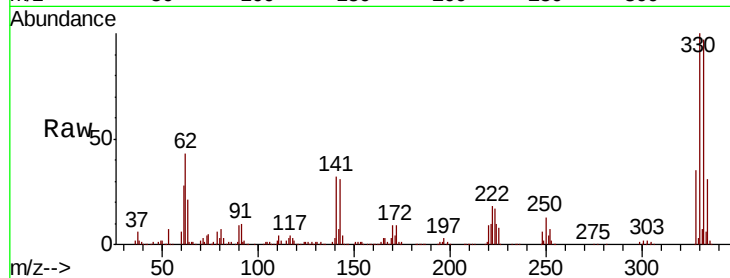




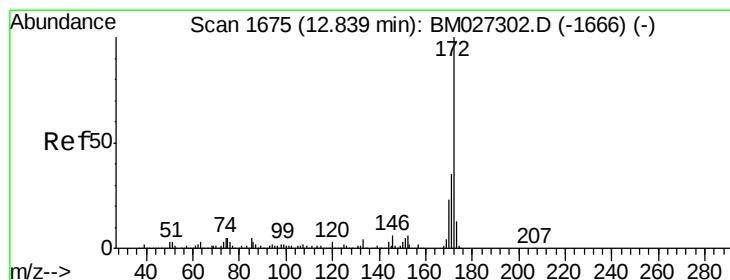
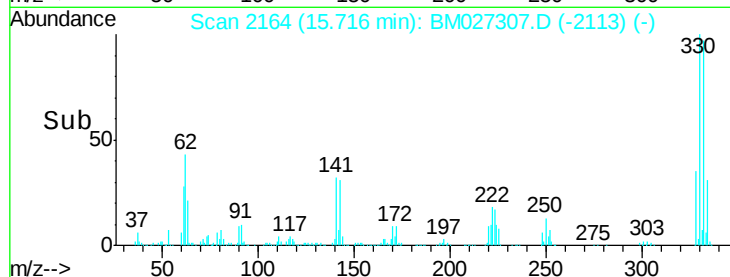
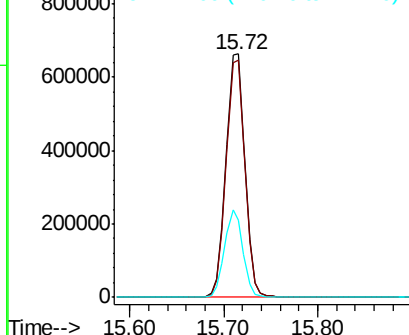
#42
 2,4,6-Tribromophenol
 Concen: 146.528 ng
 RT: 15.72 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BM027307.D
 Acq: 02 Sep 2020 17:13

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 936411
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.8
 141 34.9 28.4 42.6

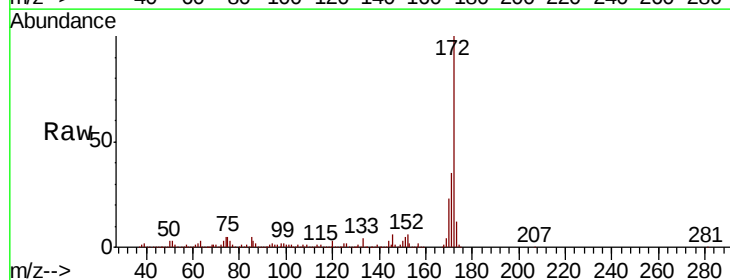


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

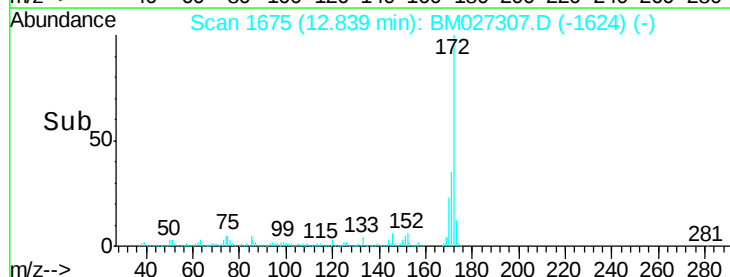
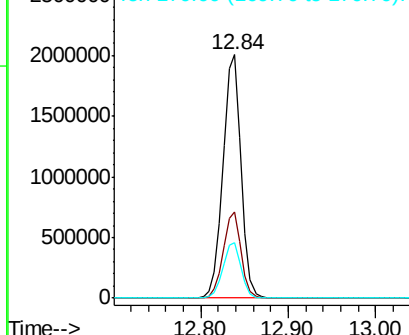


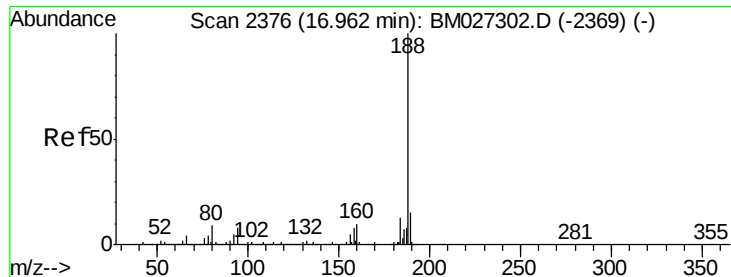
#45
 2-Fluorobiphenyl
 Concen: 104.841 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BM027307.D
 Acq: 02 Sep 2020 17:13

Tgt Ion:172 Resp: 2873339
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.8
 170 22.5 18.6 27.8



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: 16.96 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

Instrument :

BNA_M

ClientSampleId :

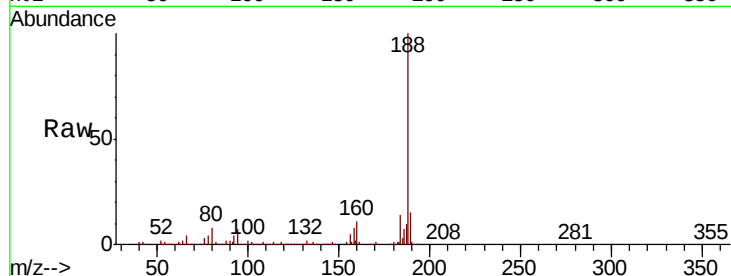
Tot Ion:188 Resp: 827573

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.4

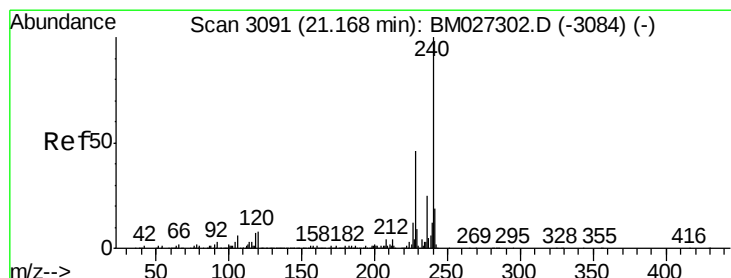
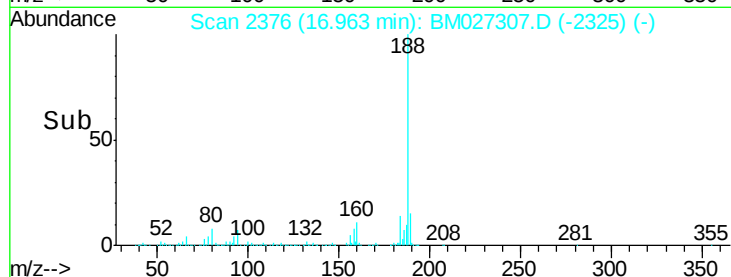
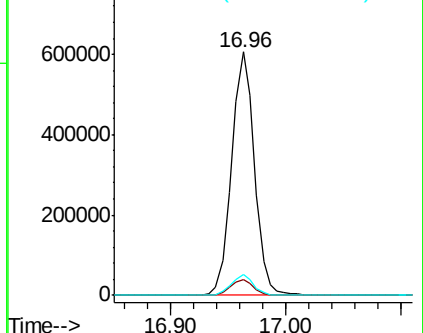
80 8.5 7.5 11.3



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: BM027307.D

Acq: 02 Sep 2020 17:13

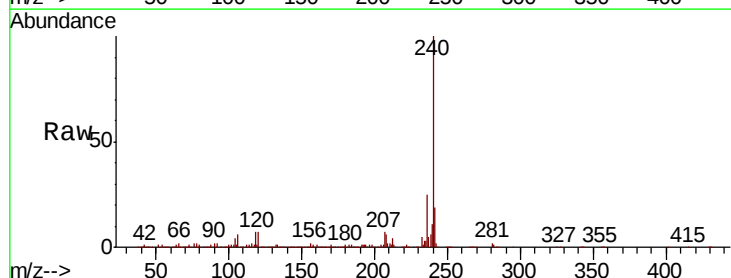
Tgt Ion:240 Resp: 878465

Ion Ratio Lower Upper

240 100

120 7.1 6.4 9.6

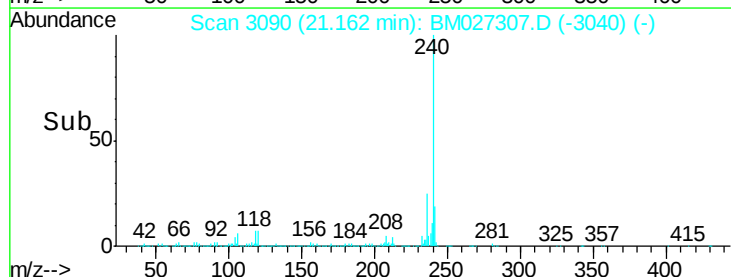
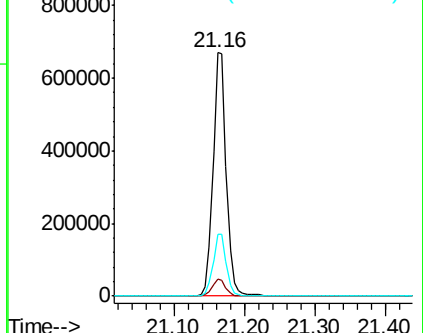
236 25.4 20.1 30.1

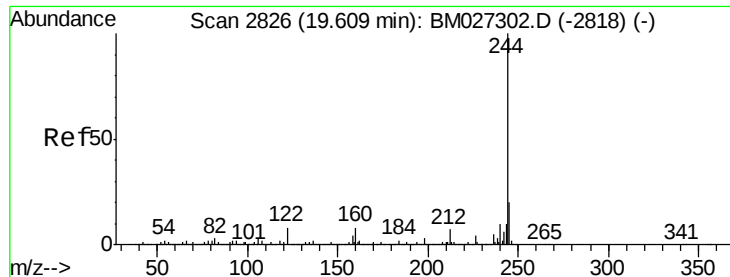


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.088 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

Instrument :

BNA_M

ClientSampleId :

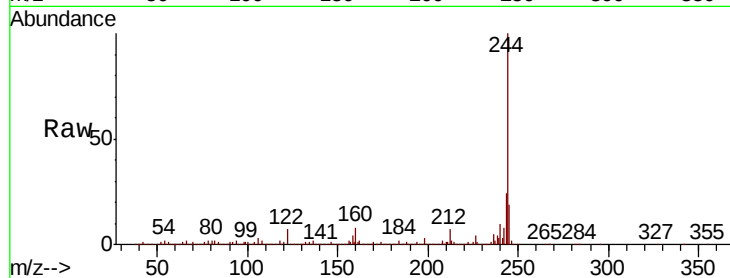
Tot Ion:244 Resp: 5657457

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

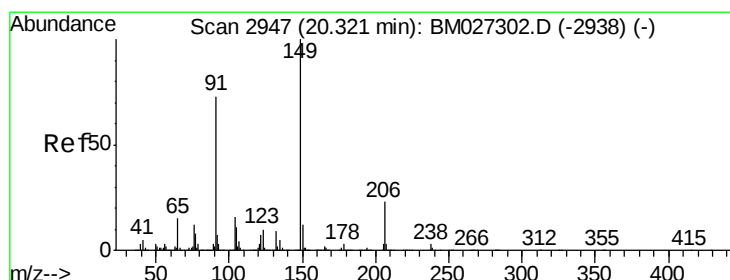
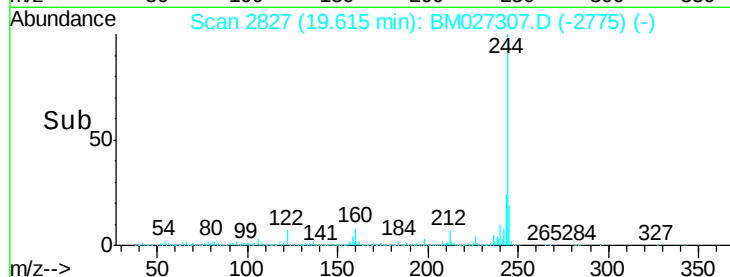
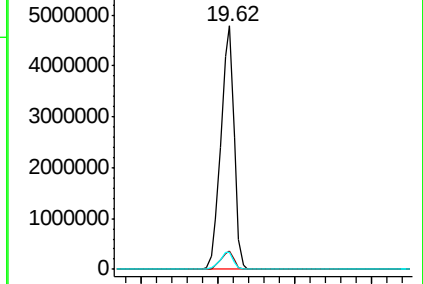
122 6.8 6.5 9.7



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



#80

Butylbenzylphthalate

Concen: 3.931 ng

RT: 20.33 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

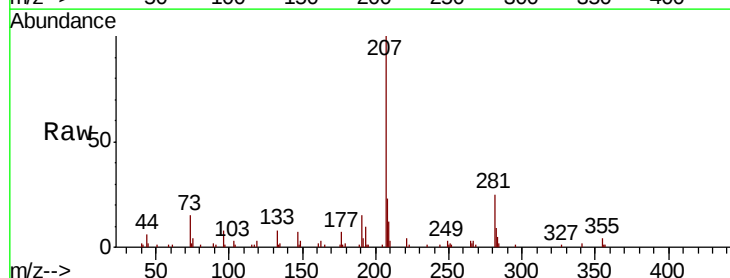
Tgt Ion:149 Resp: 698

Ion Ratio Lower Upper

149 100

91 42.9 58.1 87.1#

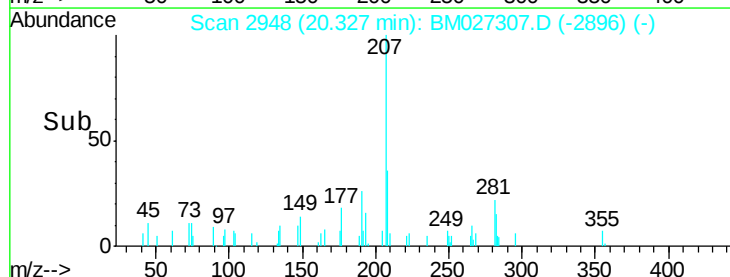
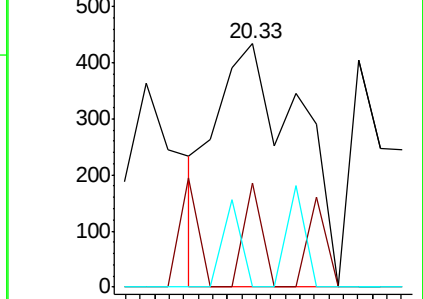
206 0.0 18.7 28.1#

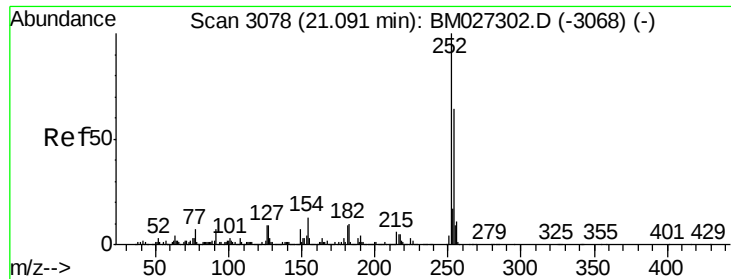


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 3.400 ng

RT: 21.08 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

Instrument :

BNA_M

ClientSampleId :

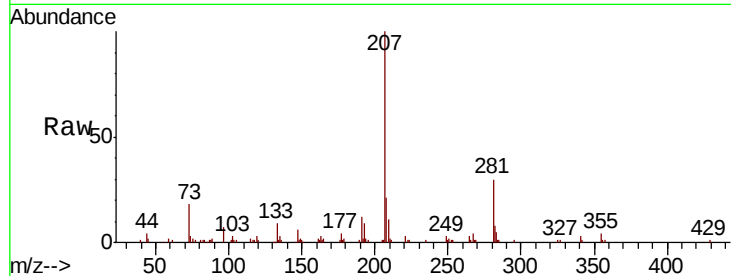
Tot Ion:252 Resp: 407

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.0#

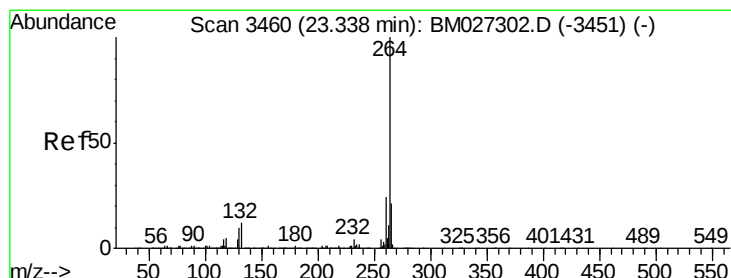
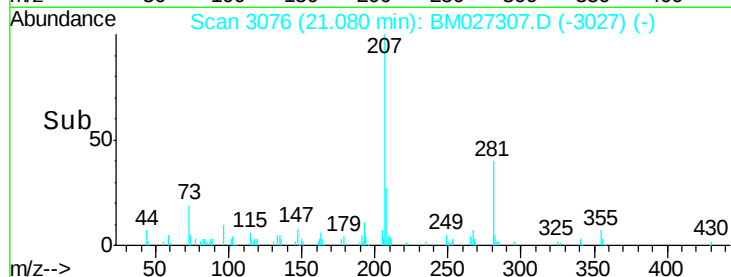
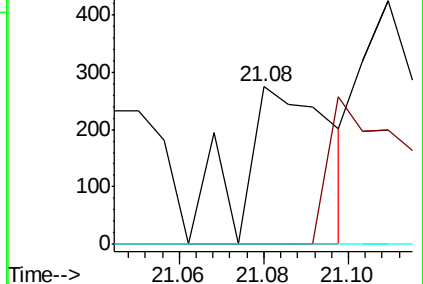
126 0.0 6.8 10.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. 0.00 min

Lab File: BM027307.D

Acq: 02 Sep 2020 17:13

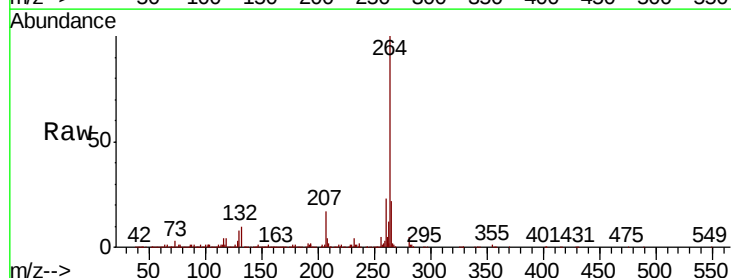
Tgt Ion:264 Resp: 893314

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.6 17.7 26.5



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

