

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024689.D
 Acq On : 31 Jan 2020 23:22
 Operator : CG/JU
 Sample : L1014-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 01:01:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

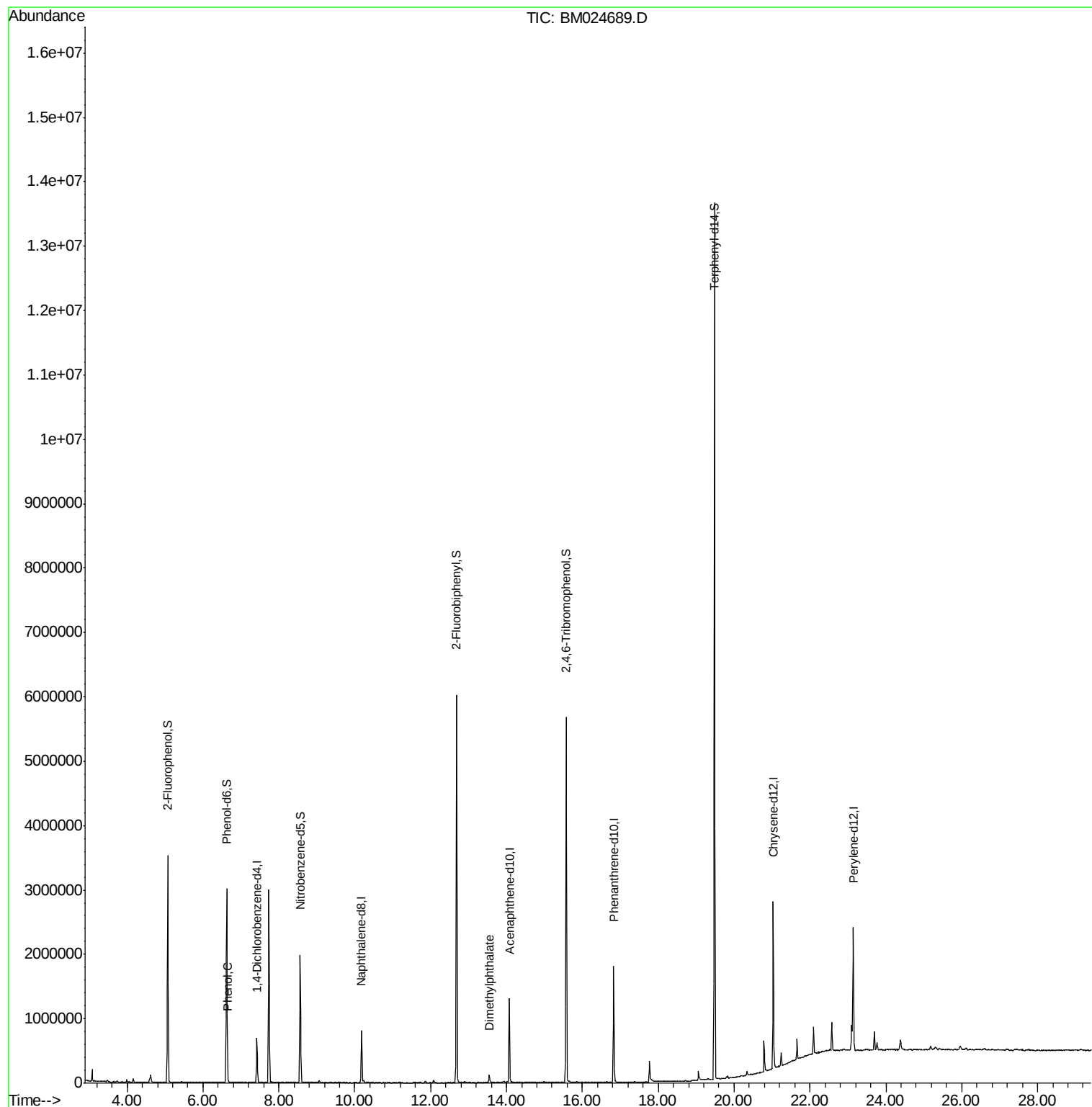
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	192197	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	679807	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	457213	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1081297	20.00	ng	-0.02
76) Chrysene-d12	21.03	240	1202506	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1372869	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1438104	142.30	ng	-0.01
7) Phenol-d6	6.63	99	1673984	120.24	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1141828	82.37	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1180397	158.71	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3151077	93.70	ng	-0.02
79) Terphenyl-d14	19.49	244	6628550	102.91	ng	-0.02
Target Compounds						
10) Phenol	6.65	94	34936	2.517	ng	96
50) Dimethylphthalate	13.54	163	84659	2.290	ng	99

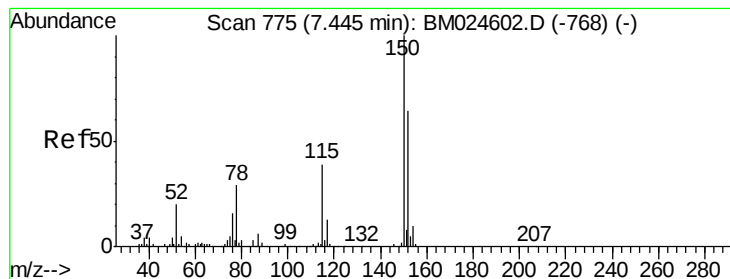
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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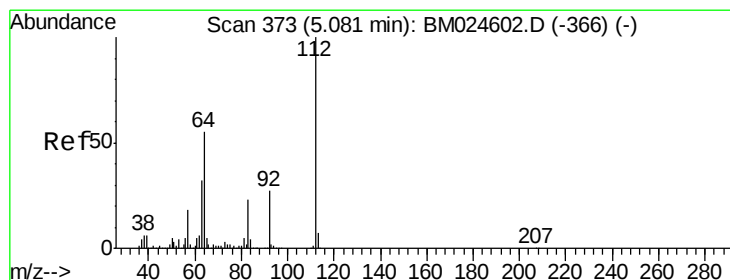
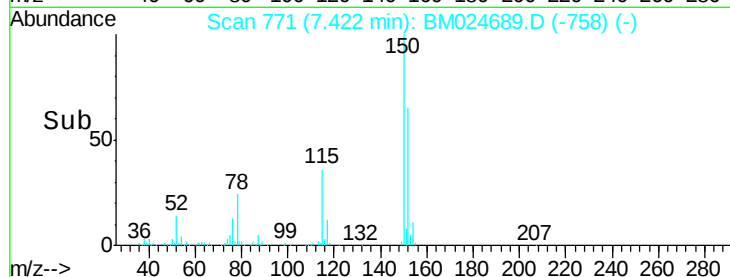
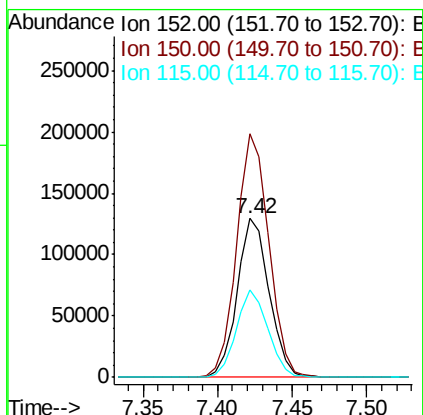
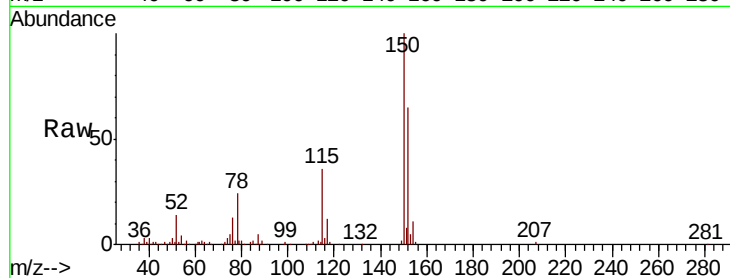


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024689.D
Acq: 31 Jan 2020 23:22

Instrument :
BNA_M
ClientSampleId :

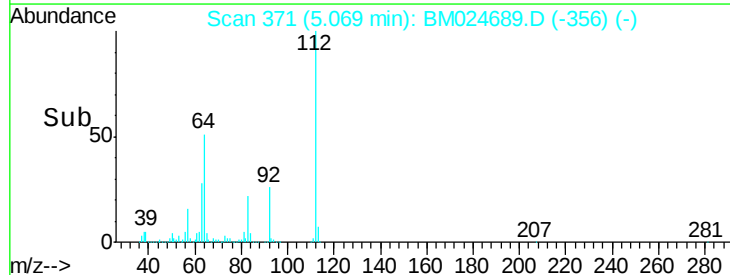
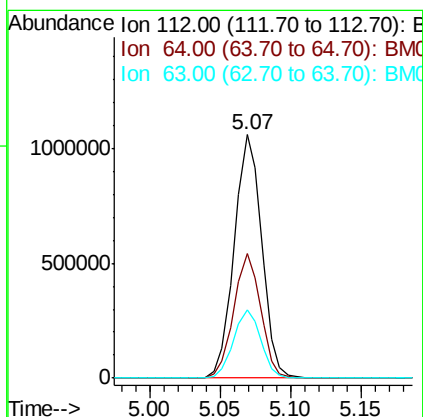
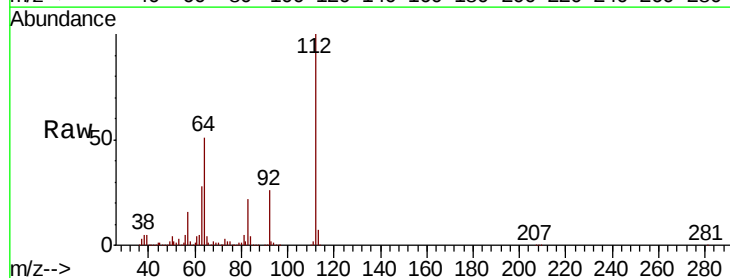
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.4
115	55.1	48.6	72.8

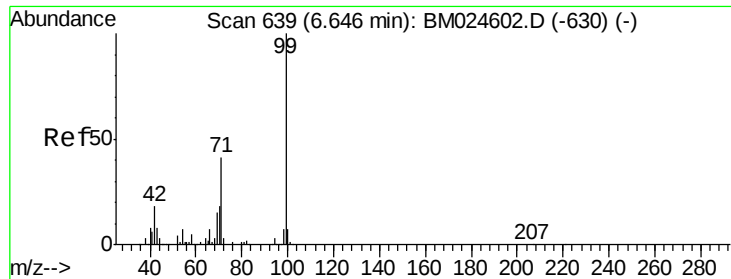


#5

2-Fluorophenol
Concen: 142.298 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024689.D
Acq: 31 Jan 2020 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	44.2	66.4
63	28.0	25.9	38.9





#7

Phenol-d6

Concen: 120.239 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024689.D

Acq: 31 Jan 2020 23:22

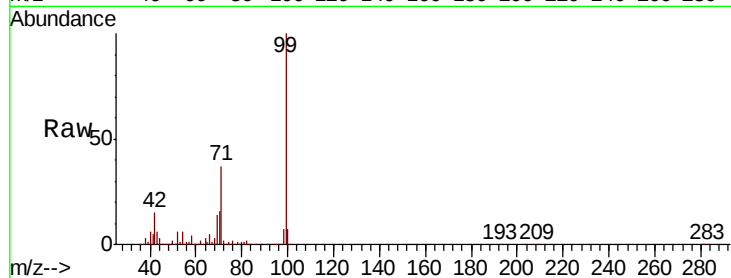
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1673984

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.1	21.1
71	37.5	33.0	49.6

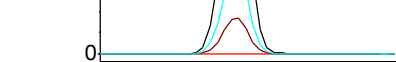
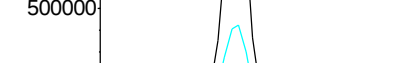
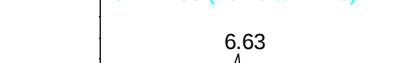


Abundance

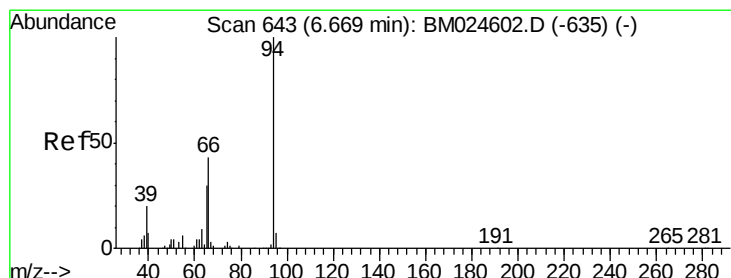
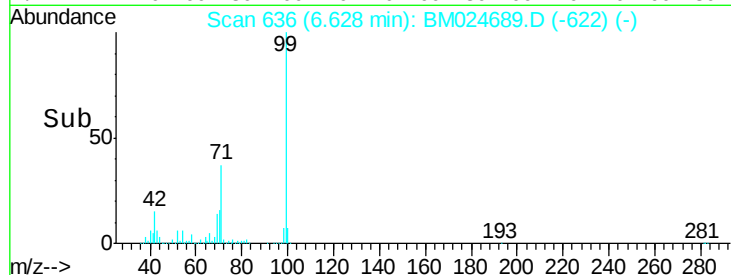
Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



Time-->



#10

Phenol

Concen: 2.517 ng

RT: 6.65 min Scan# 640

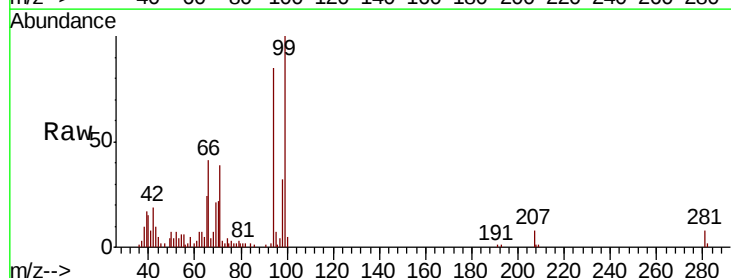
Delta R.T. -0.02 min

Lab File: BM024689.D

Acq: 31 Jan 2020 23:22

Tgt Ion: 94 Resp: 34936

Ion	Ratio	Lower	Upper
94	100		
65	28.2	10.3	50.3
66	47.5	24.8	64.8

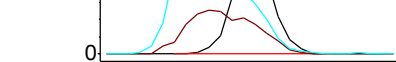


Abundance

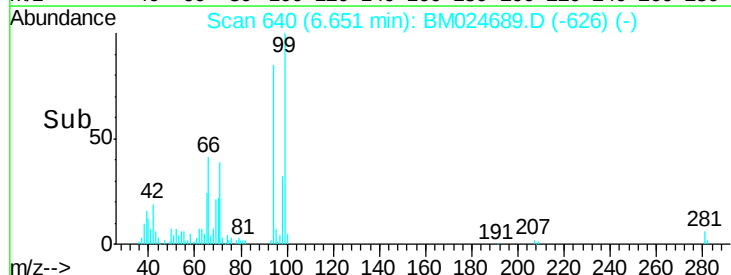
Ion 94.00 (93.70 to 94.70): BM0

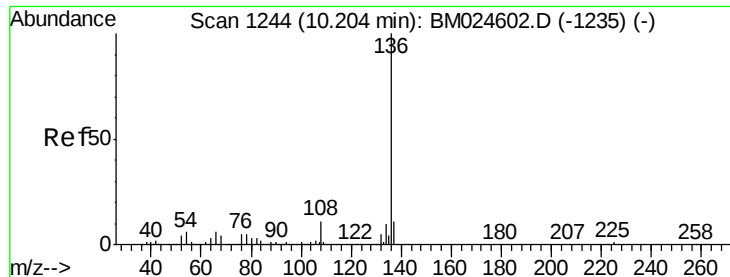
Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



Time-->

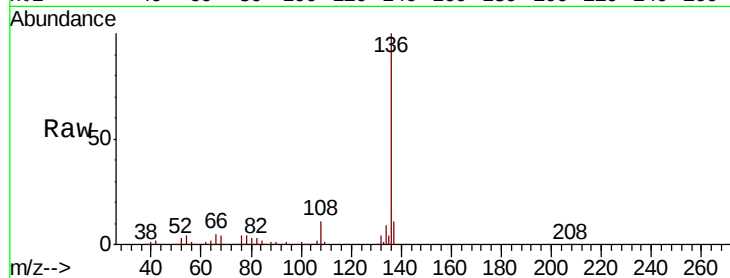




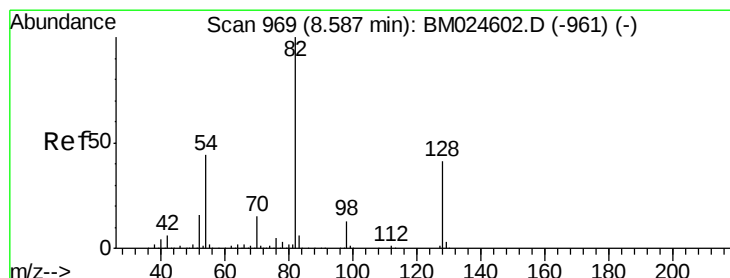
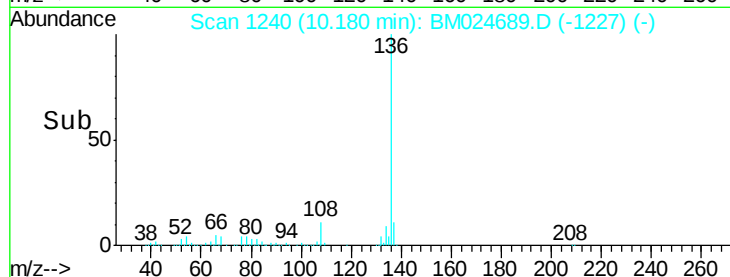
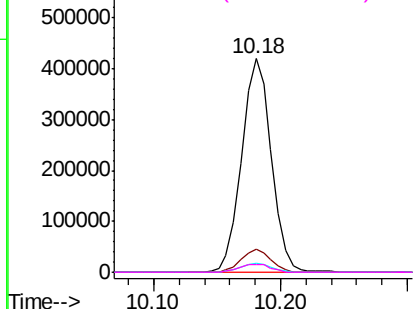
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024689.D
Acq: 31 Jan 2020 23:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 679807
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 4.3	4.5 6.7#
68 3.9	3.4 5.0

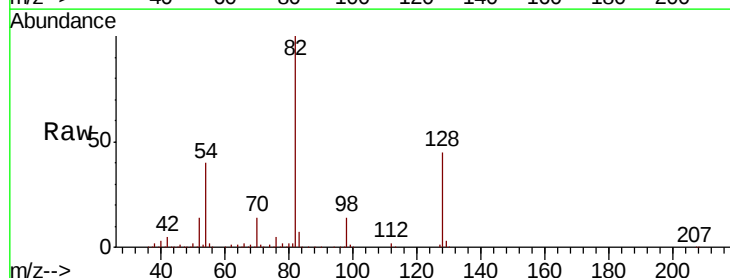


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

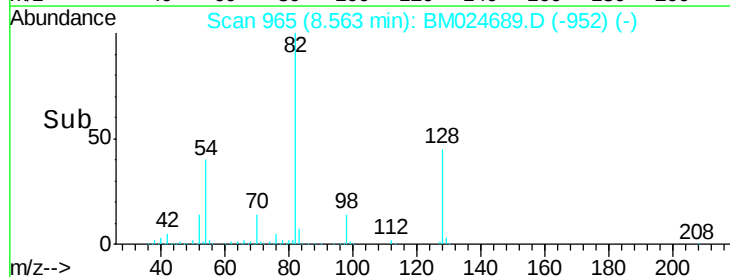
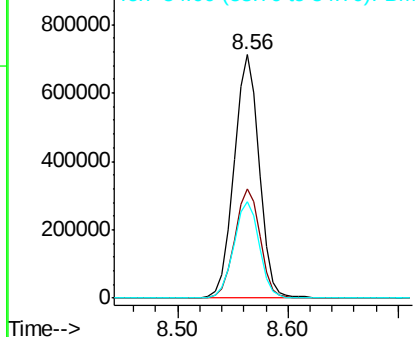


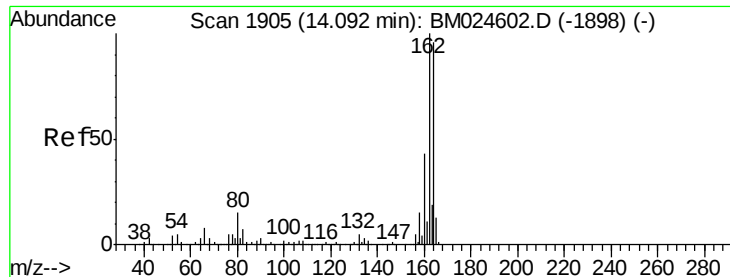
#23
Nitrobenzene-d5
Concen: 82.372 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM024689.D
Acq: 31 Jan 2020 23:22

Tgt Ion: 82	Resp: 1141828
Ion Ratio	Lower Upper
82 100	
128 44.9	32.6 48.8
54 39.8	34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

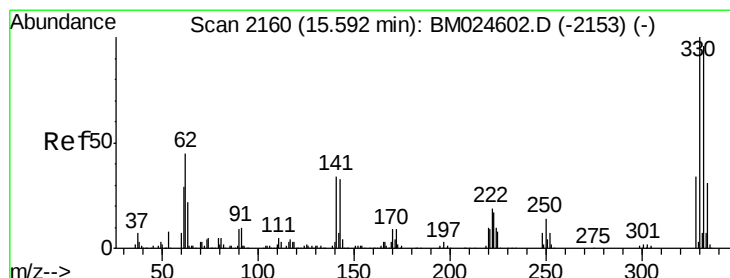
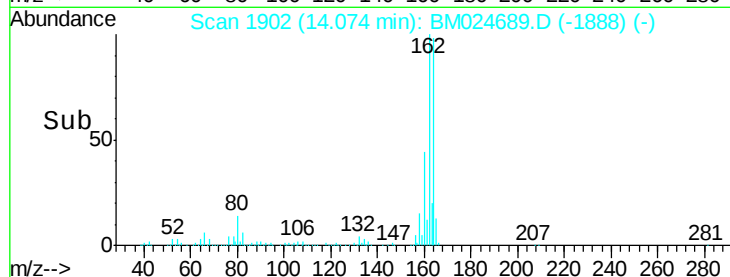
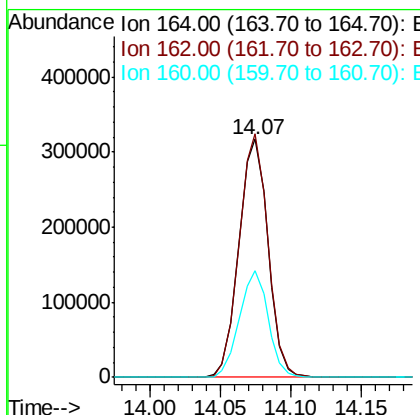
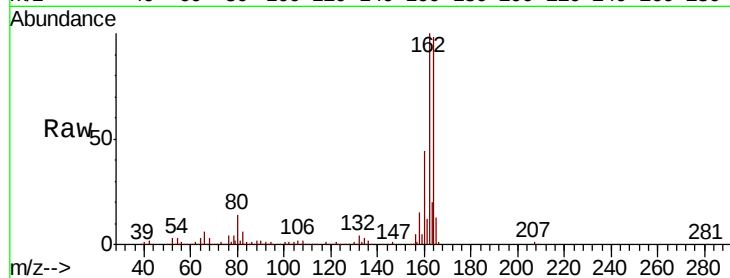




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024689.D
Acq: 31 Jan 2020 23:22

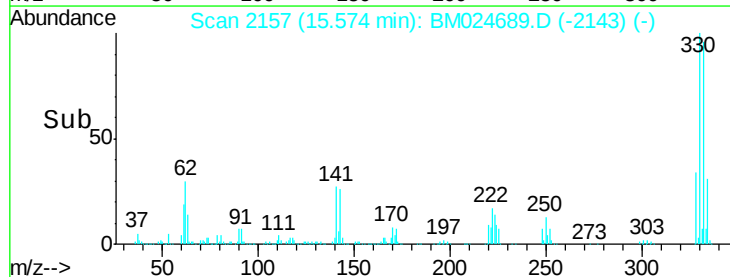
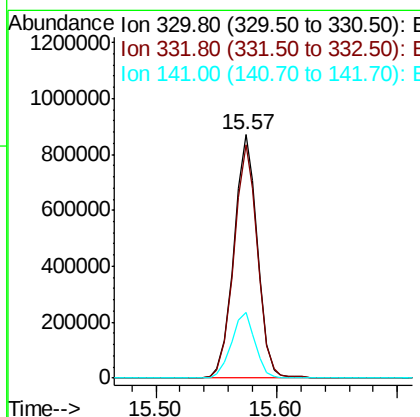
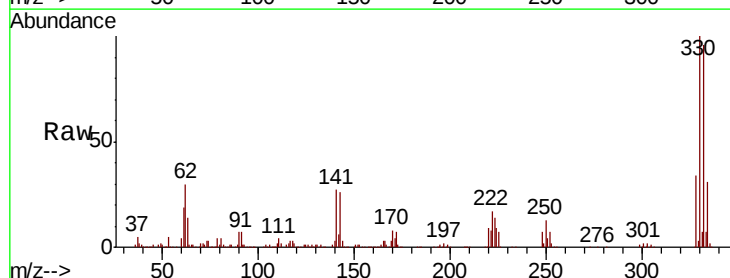
Instrument :
BNA_M
ClientSampleId :

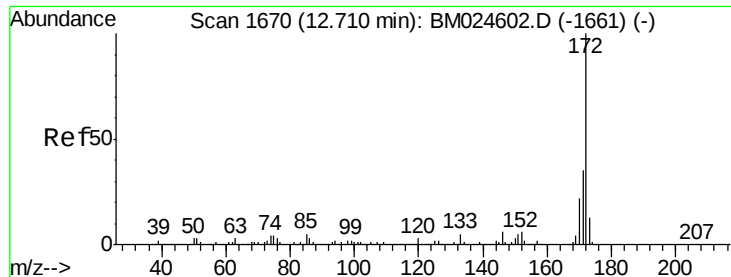
Tot Ion:164 Resp: 457213
Ion Ratio Lower Upper
164 100
162 102.2 82.9 124.3
160 44.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 158.714 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM024689.D
Acq: 31 Jan 2020 23:22

Tgt Ion:330 Resp: 1180397
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 27.1 26.9 40.3



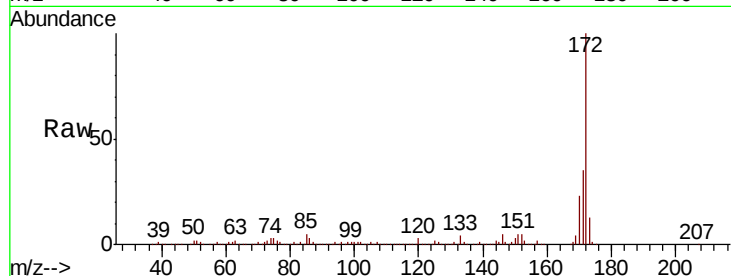


#45
 2-Fluorobiphenyl
 Concen: 93.696 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM024689.D
 Acq: 31 Jan 2020 23:22

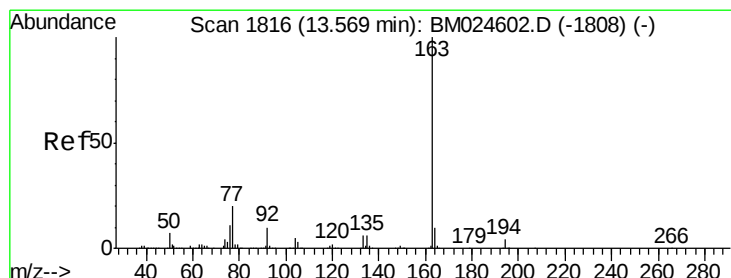
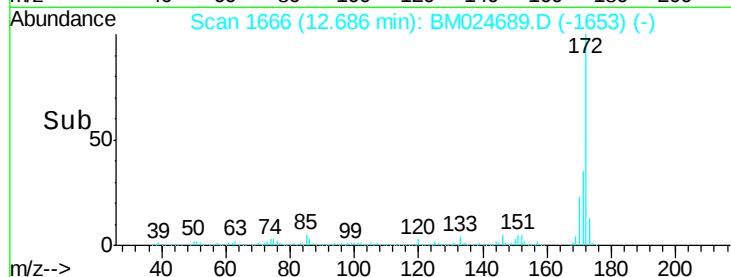
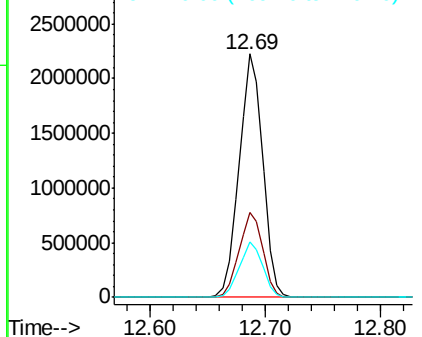
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3151077

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.6	17.9	26.9



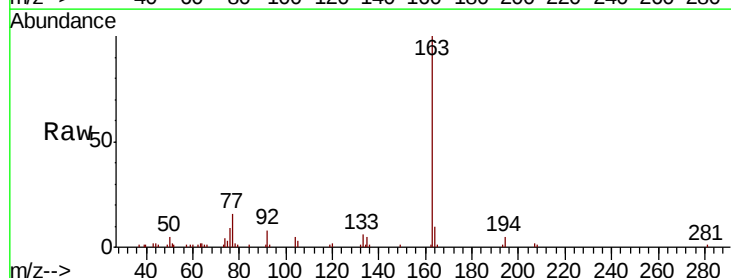
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



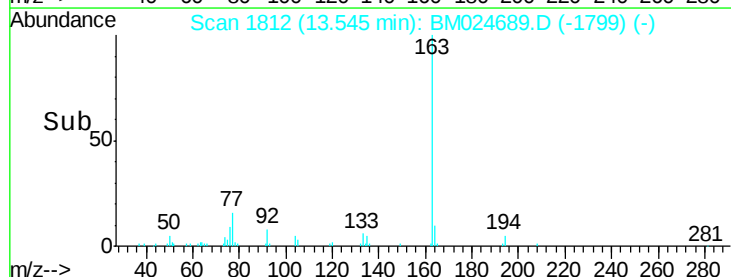
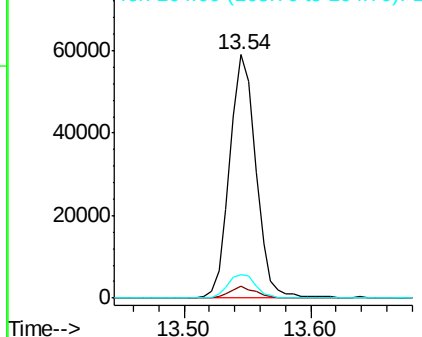
#50
 Dimethylphthalate
 Concen: 2.290 ng
 RT: 13.54 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BM024689.D
 Acq: 31 Jan 2020 23:22

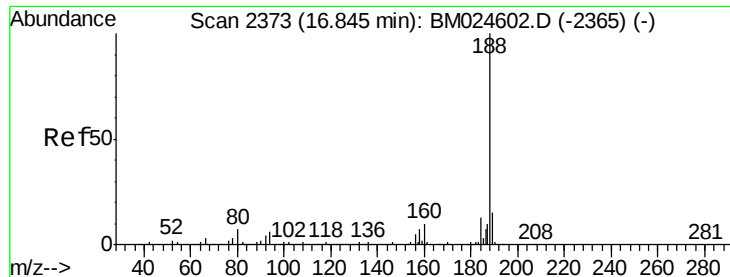
Tgt Ion:163 Resp: 84659

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	9.8	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

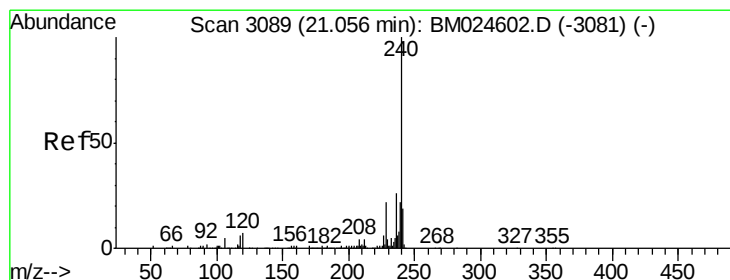
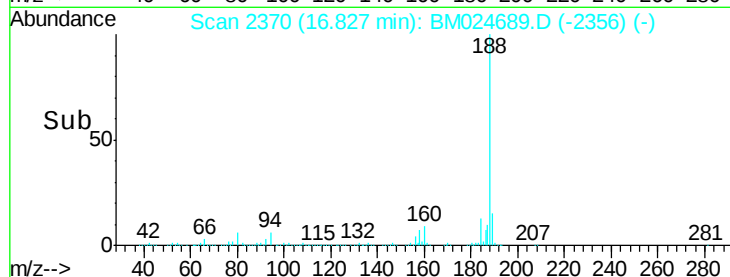
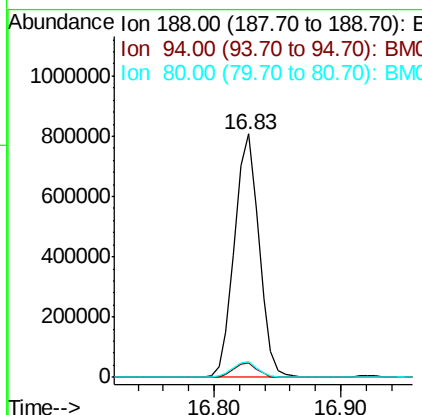
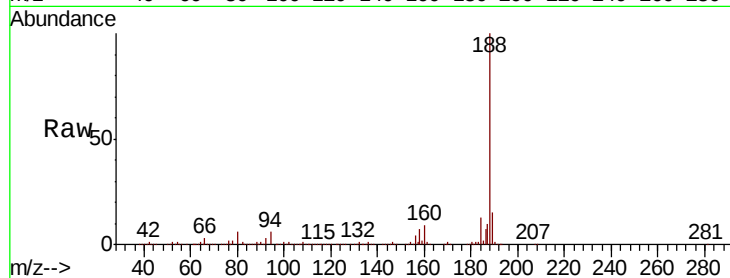




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024689.D
Acq: 31 Jan 2020 23:22

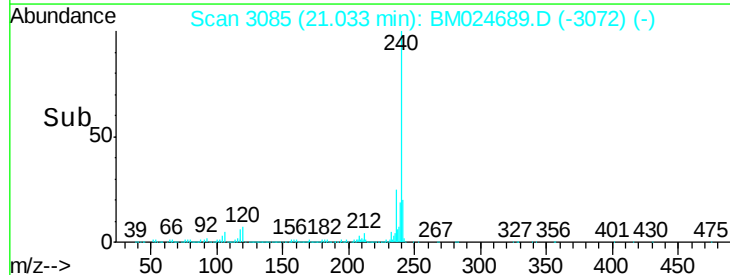
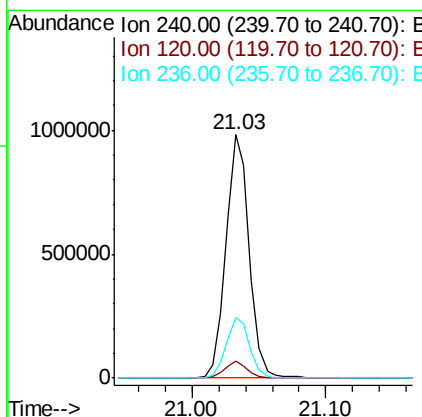
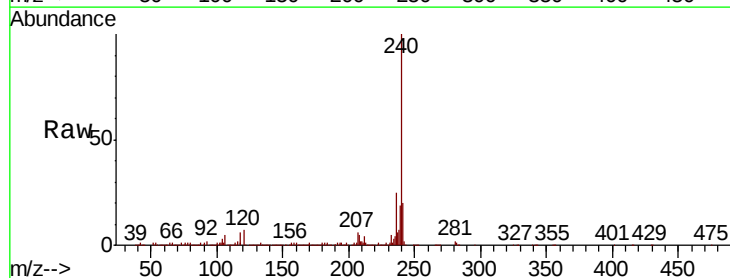
Instrument :
BNA_M
ClientSampled :

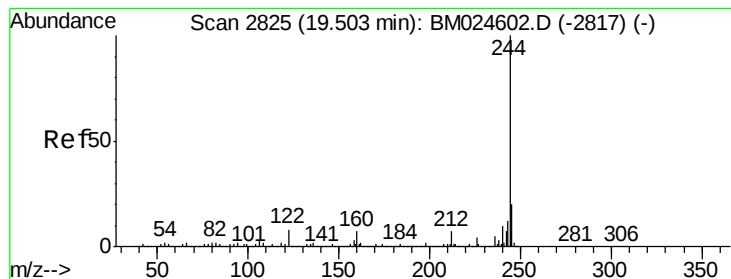
Tot Ion:188 Resp: 1081297
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.6
80 6.4 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.02 min
Lab File: BM024689.D
Acq: 31 Jan 2020 23:22

Tgt Ion:240 Resp: 1202506
Ion Ratio Lower Upper
240 100
120 6.7 5.3 7.9
236 25.0 20.6 31.0





#79

Terphenyl-d14

Concen: 102.909 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024689.D

Acq: 31 Jan 2020 23:22

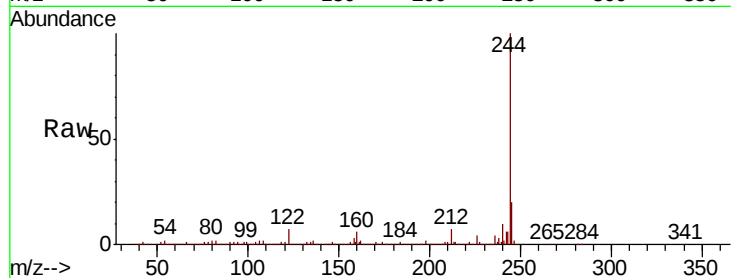
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6628550

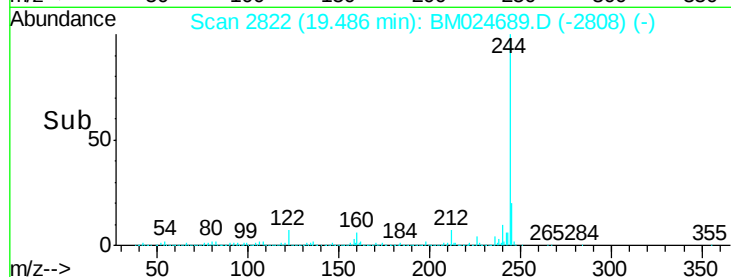
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	7.3	6.2	9.4



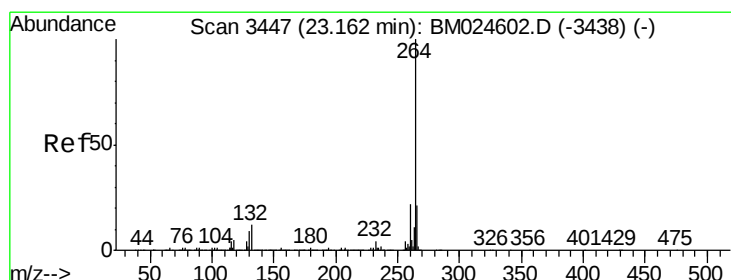
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3443

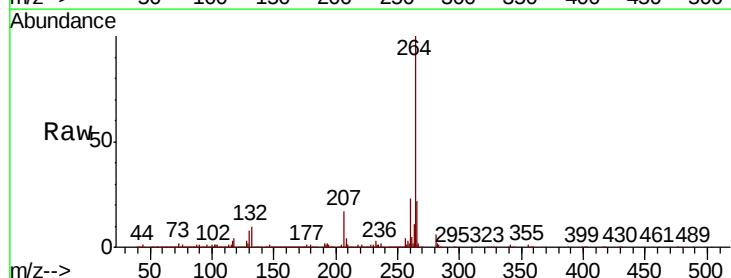
Delta R.T. -0.02 min

Lab File: BM024689.D

Acq: 31 Jan 2020 23:22

Tgt Ion:264 Resp: 1372869

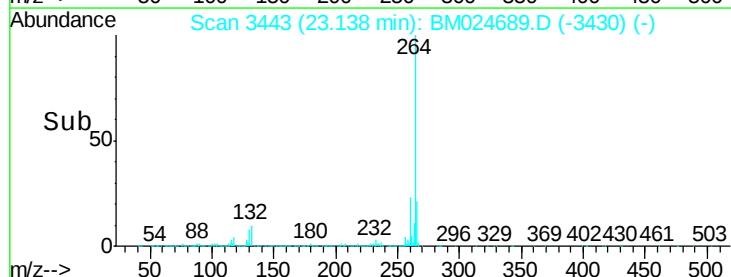
Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	21.6	17.3	25.9



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



Time-->