

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016499.D
 Acq On : 22 Aug 2018 00:30
 Operator : SJ/JU
 Sample : J4271-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 01:06:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

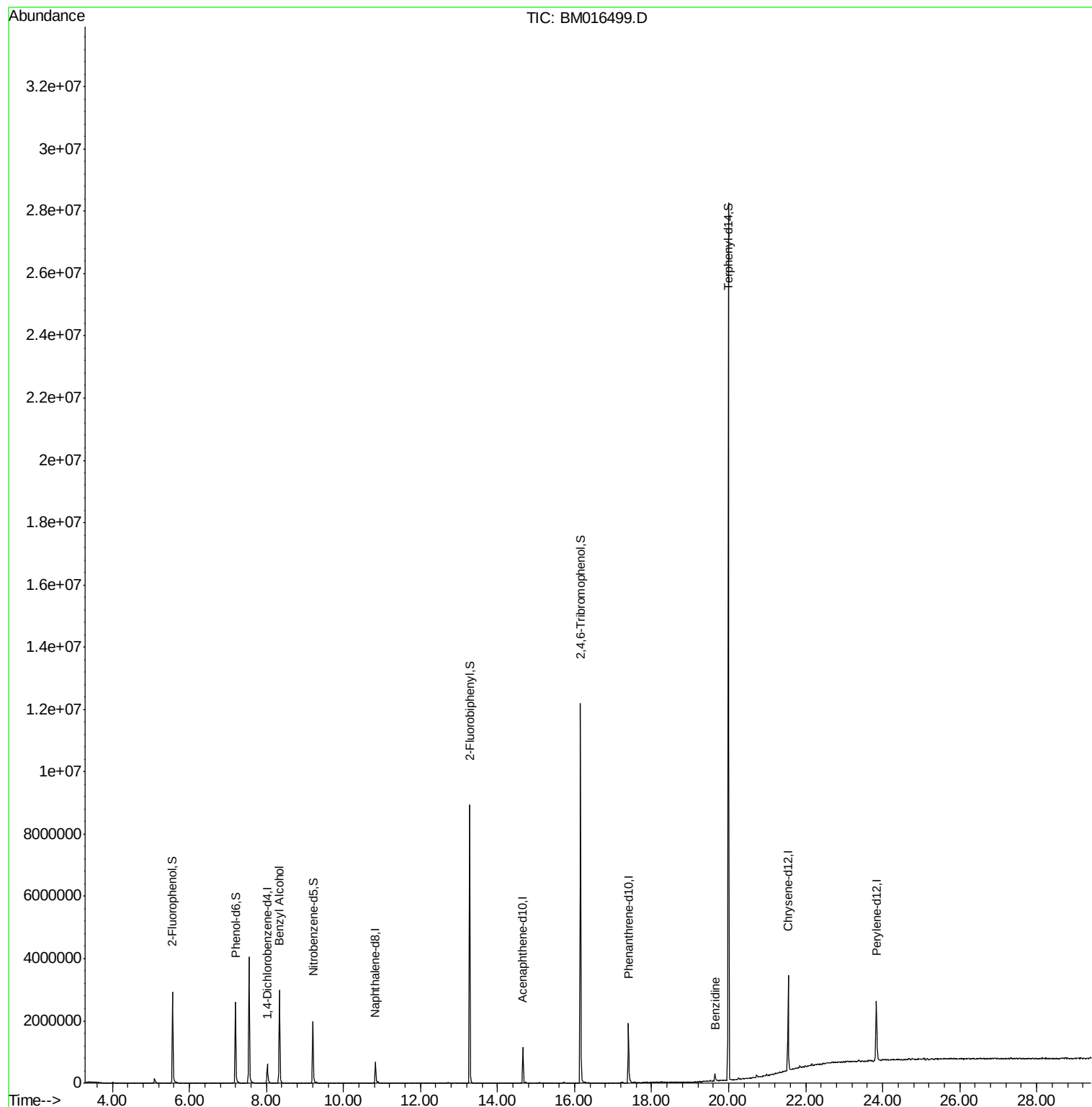
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	136954	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	442552	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	335560	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1077881	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1374263	20.00	ng	0.00
86) Perylene-d12	23.83	264	1512960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	952960	136.35	ng	0.00
7) Phenol-d6	7.20	99	1072081	115.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	1109094	114.43	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2082372	221.99	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3984620	114.14	ng	0.00
78) Terphenyl-d14	19.99	244	10445876	160.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	22360	2.604	ng	Qvalue # 22
76) Benzidine	19.64	184	159854	6.049	ng	96

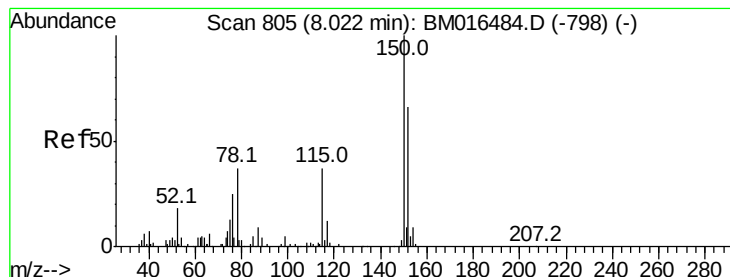
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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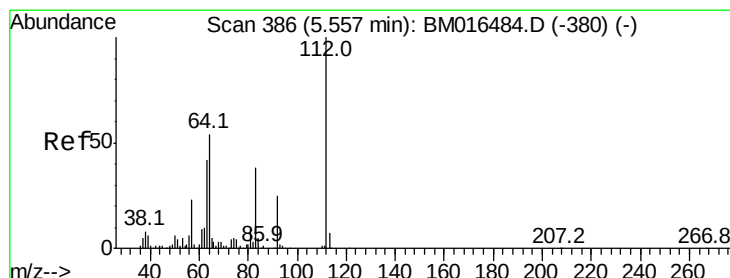
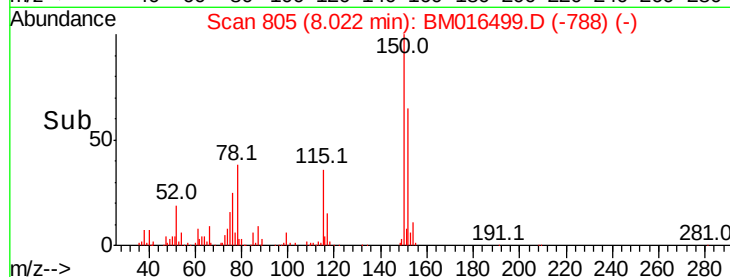
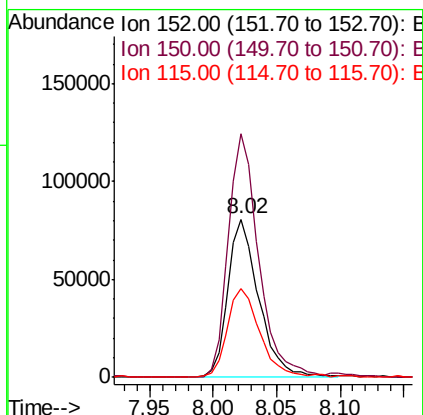
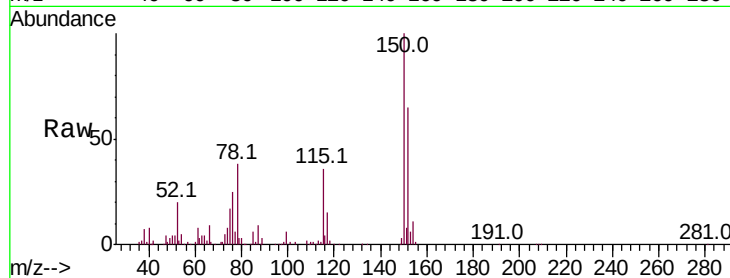


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016499.D
Acq: 22 Aug 2018 00:30

Instrument :
BNA_M
ClientSampleId :

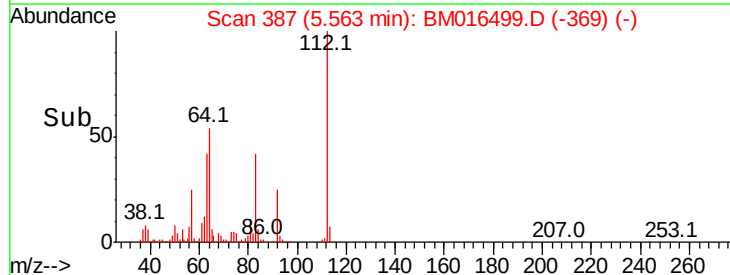
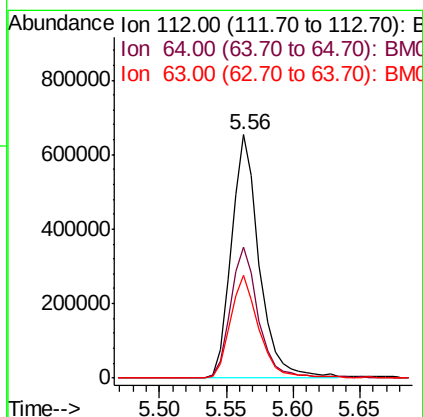
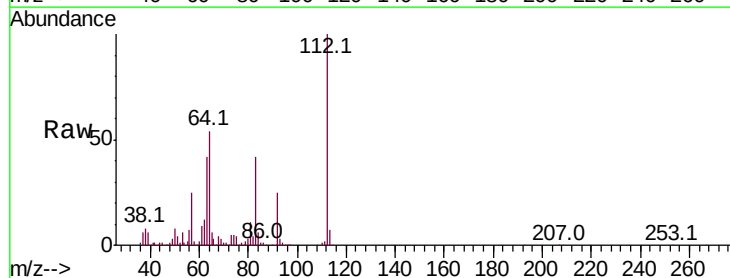
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	55.8	43.0	64.4

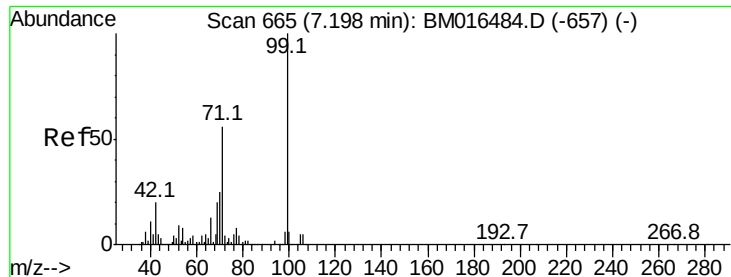


#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016499.D
Acq: 22 Aug 2018 00:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	38.6	57.8
63	42.2	19.3	28.9





#7

Phenol-d6

Concen: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM016499.D

Acq: 22 Aug 2018 00:30

Instrument :

BNA_M

ClientSampleId :

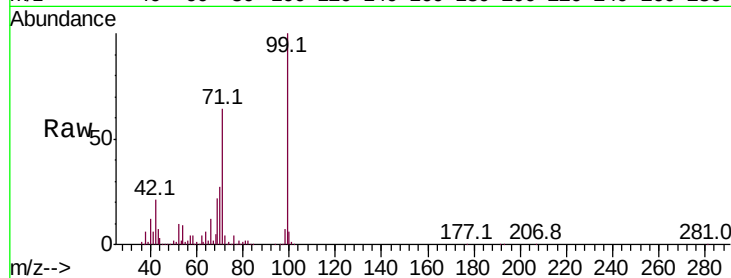
Tot Ion: 99 Resp: 1072081

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

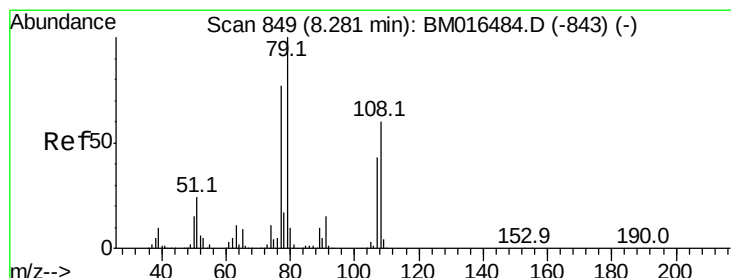
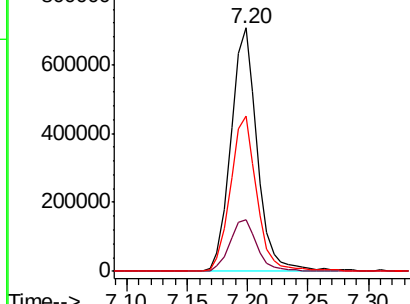
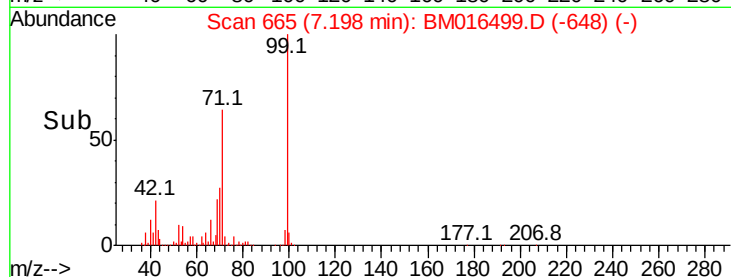
71 63.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#15

Benzyl Alcohol

Concen: 2.604 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016499.D

Acq: 22 Aug 2018 00:30

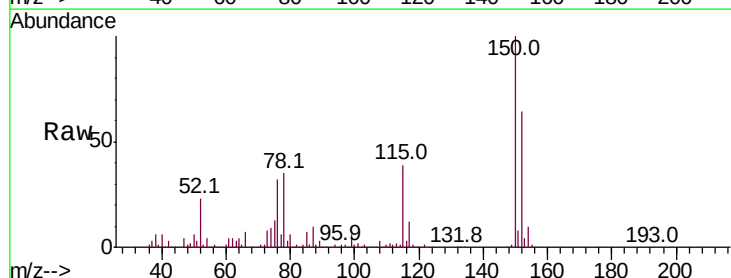
Tgt Ion: 79 Resp: 22360

Ion Ratio Lower Upper

79 100

108 99.1 65.0 97.4#

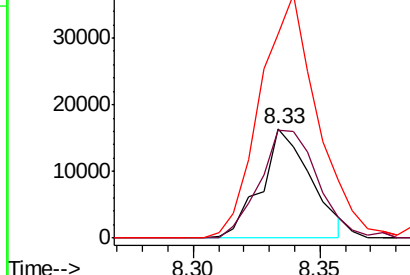
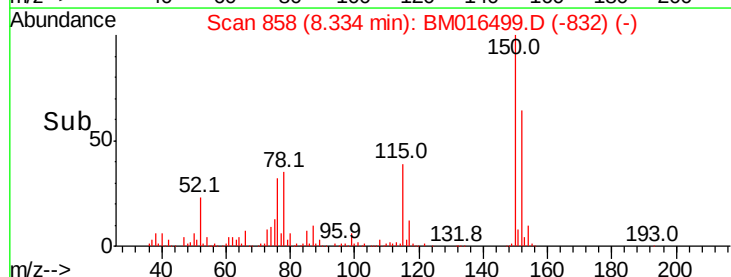
77 185.6 53.0 79.6#

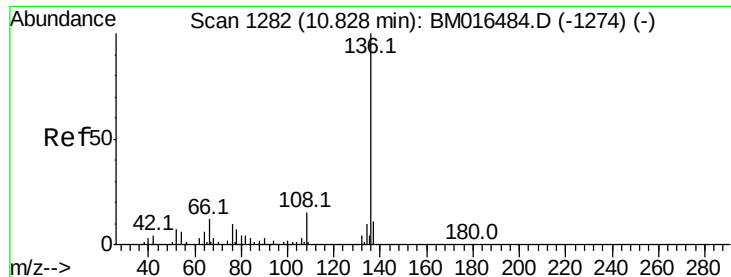


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

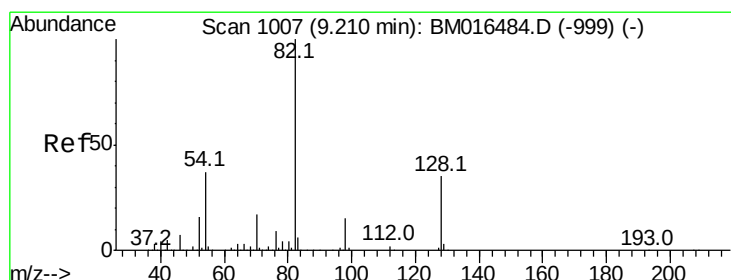
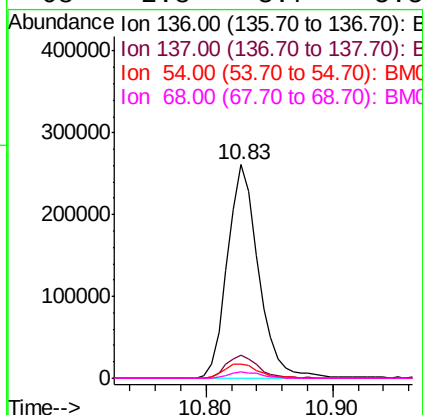
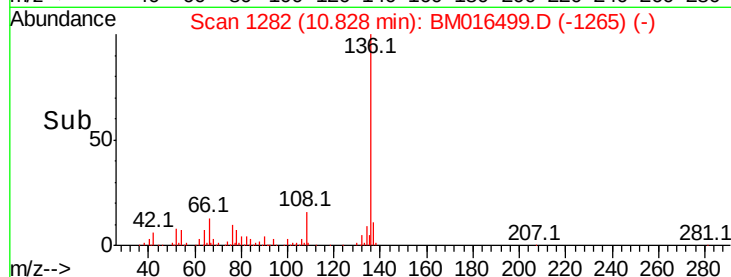
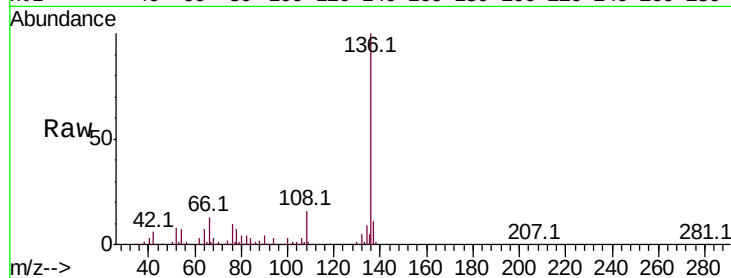




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM016499.D
Acq: 22 Aug 2018 00:30

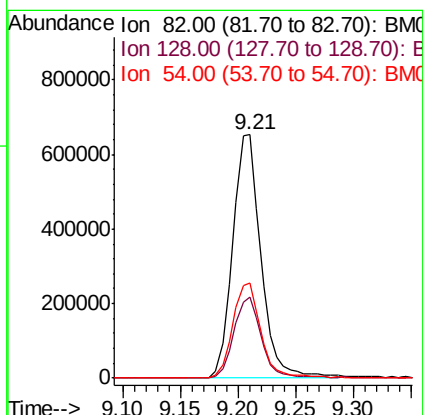
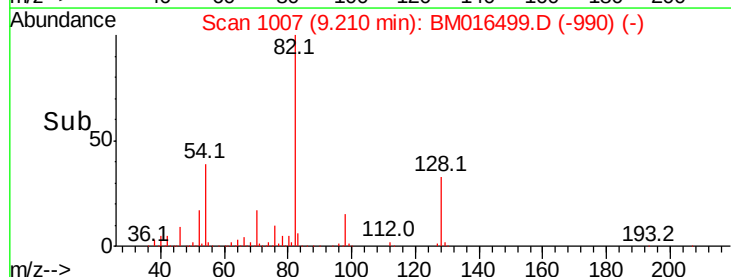
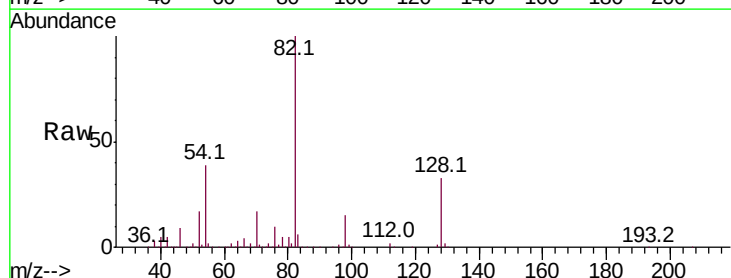
Instrument :
BNA_M
ClientSampleId :

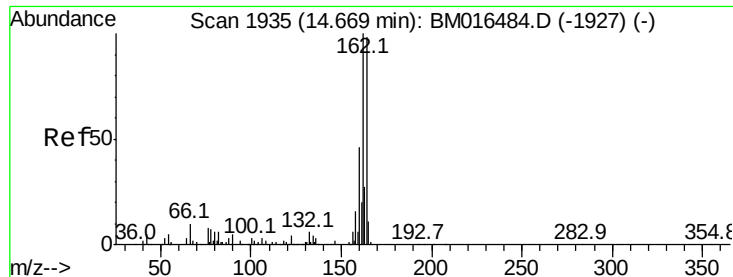
Tot Ion:	136	Resp:	442552
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.9	4.6	6.8#
68	2.8	3.7	5.5#



#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM016499.D
Acq: 22 Aug 2018 00:30

Tgt Ion:	82	Resp:	1109094
Ion	Ratio	Lower	Upper
82	100		
128	33.1	32.8	49.2
54	39.2	40.6	60.8#

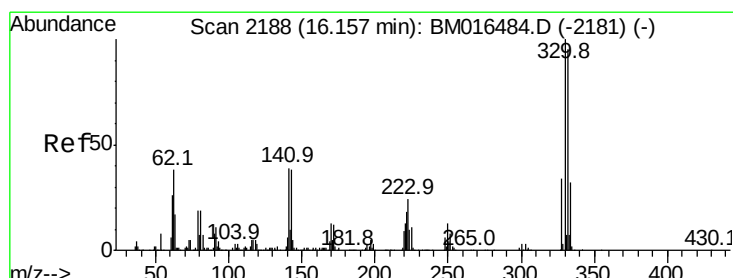
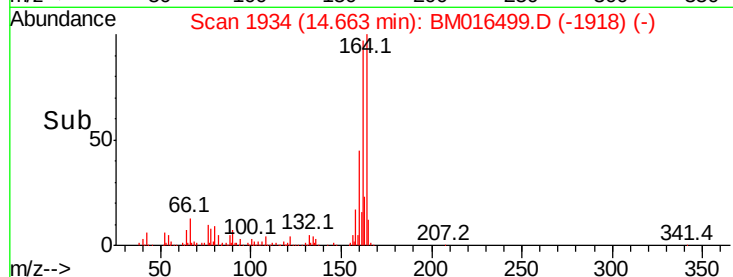
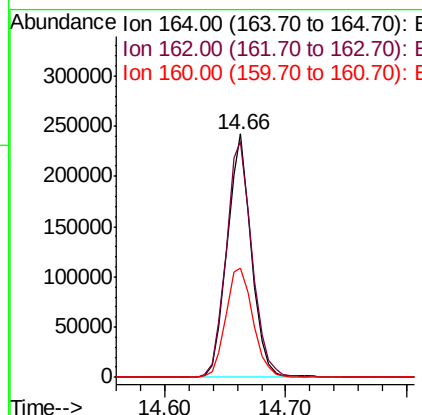
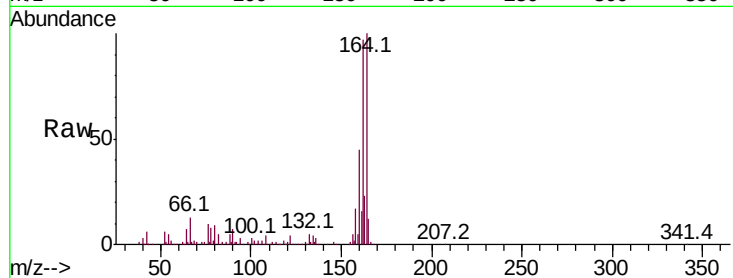




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BM016499.D
 Acq: 22 Aug 2018 00:30

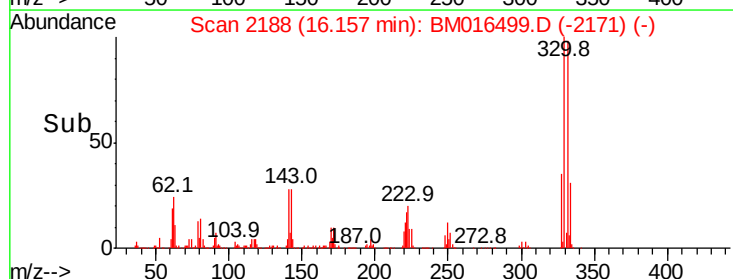
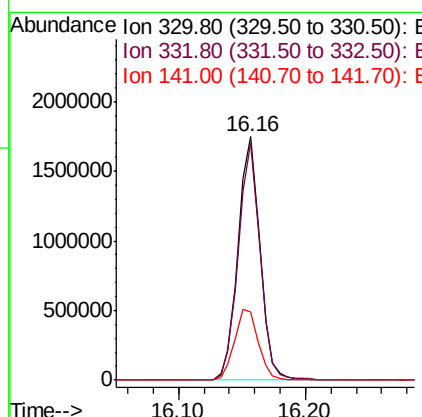
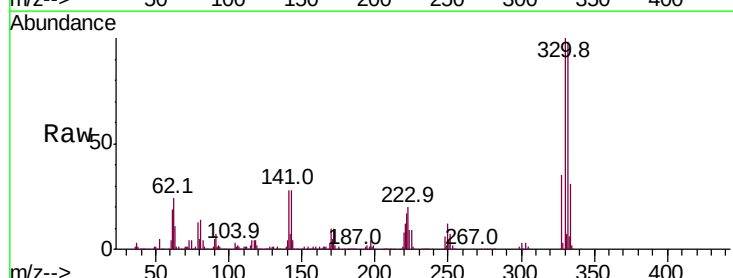
Instrument :
 BNA_M
 ClientSampleId :

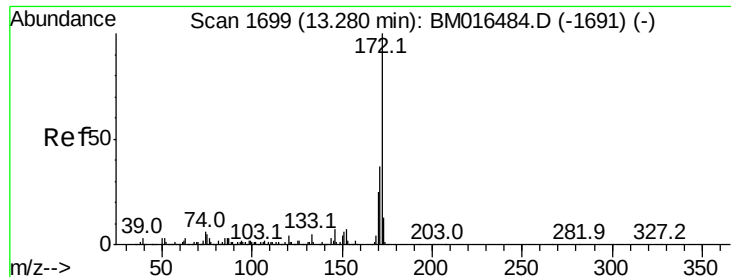
Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	82.4	123.6
160	44.7	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.16 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BM016499.D
 Acq: 22 Aug 2018 00:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	32.0	0.0	0.0#

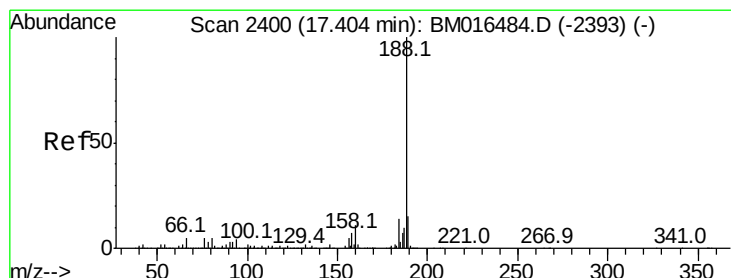
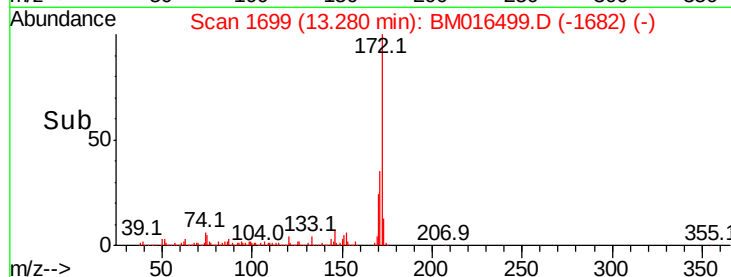
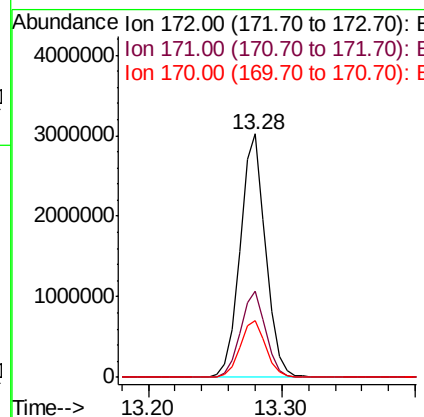
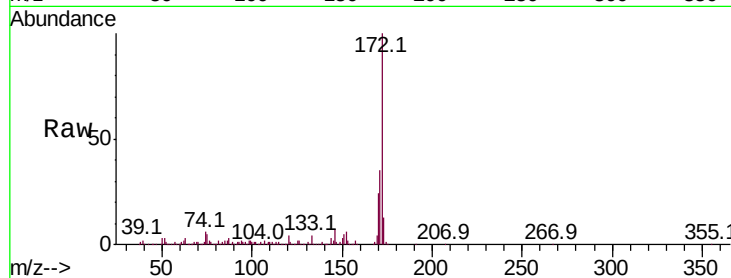




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BM016499.D
Acq: 22 Aug 2018 00:30

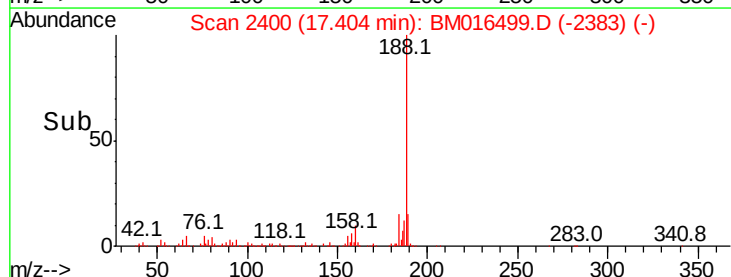
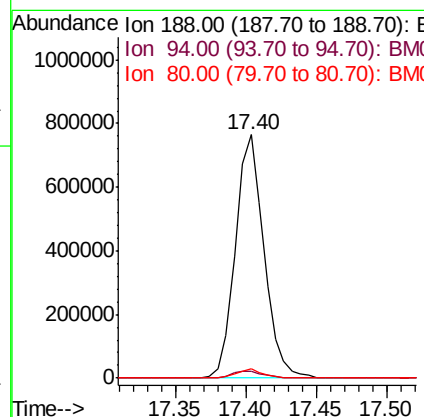
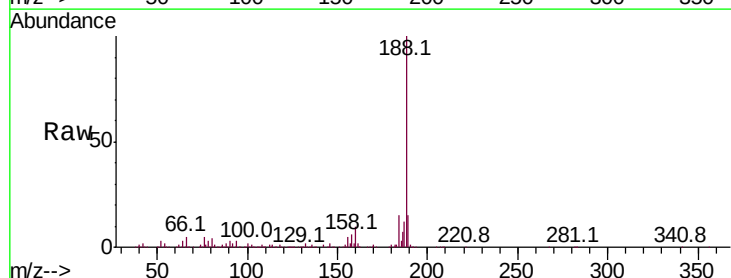
Instrument :
BNA_M
ClientSampleId :

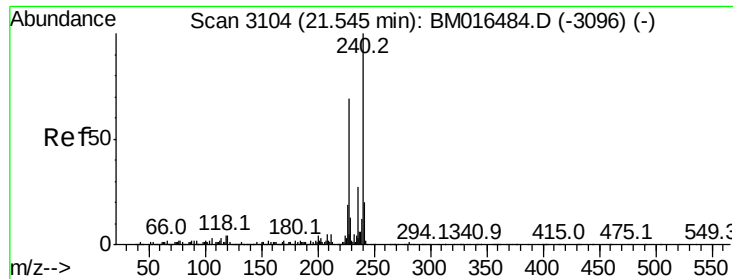
Tot Ion:172 Resp: 3984620
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.5 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016499.D
Acq: 22 Aug 2018 00:30

Tgt Ion:188 Resp: 1077881
Ion Ratio Lower Upper
188 100
94 3.0 8.7 13.1#
80 4.1 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM016499.D

Acq: 22 Aug 2018 00:30

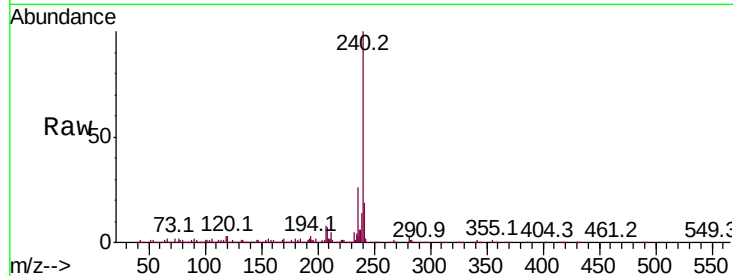
Instrument :

BNA_M

ClientSampled :

Tot Ion:240 Resp: 1374263

Ion	Ratio	Lower	Upper
240	100		
120	2.8	8.2	12.2#
236	26.3	20.0	30.0

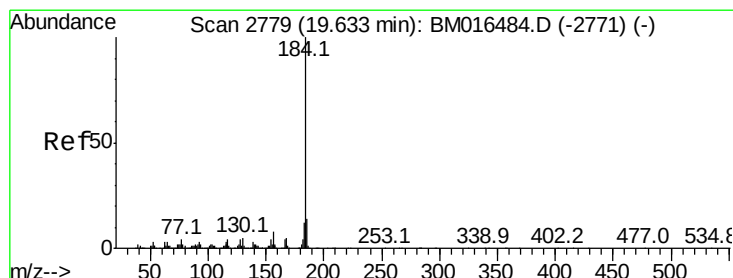
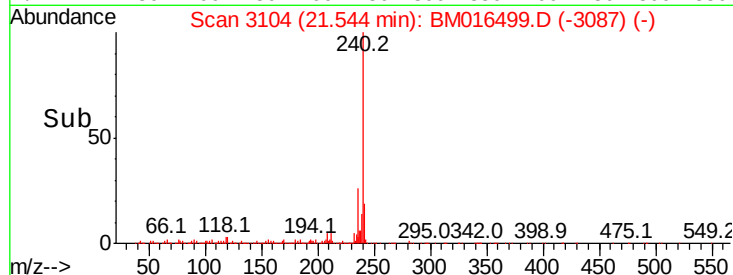
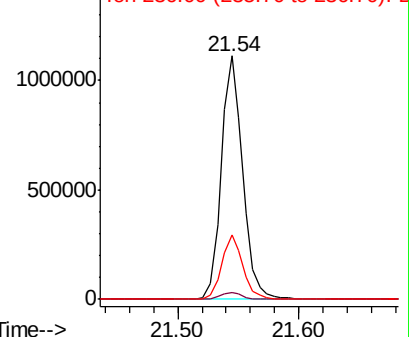


Abundance

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



#76

Benzidine

Concen: 6.049 ng

RT: 19.64 min Scan# 2780

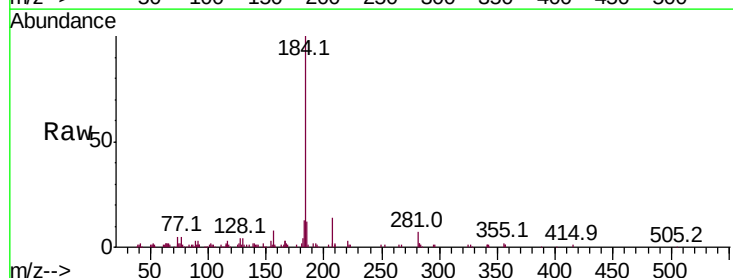
Delta R.T. 0.01 min

Lab File: BM016499.D

Acq: 22 Aug 2018 00:30

Tgt Ion:184 Resp: 159854

Ion	Ratio	Lower	Upper
184	100		
185	12.4	11.3	16.9
183	12.6	8.9	13.3

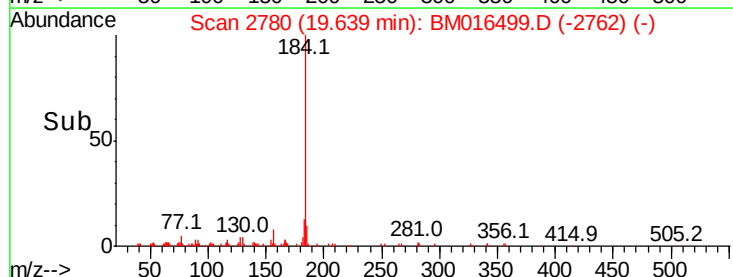
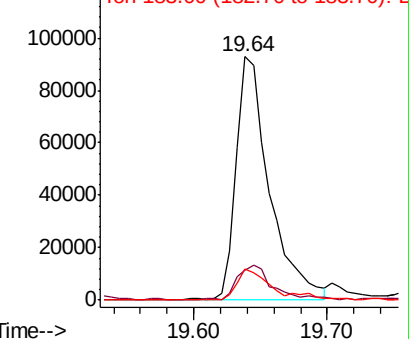


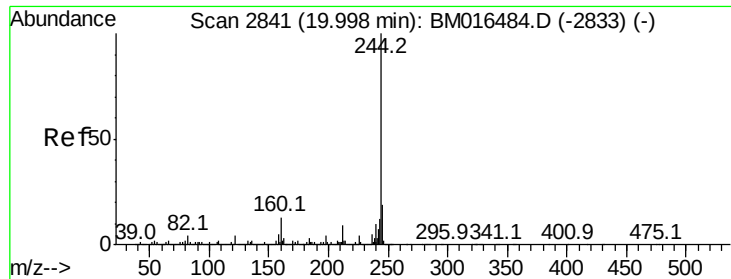
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: Below na

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016499.D

Acq: 22 Aug 2018 00:30

Instrument :

BNA_M

ClientSampleId :

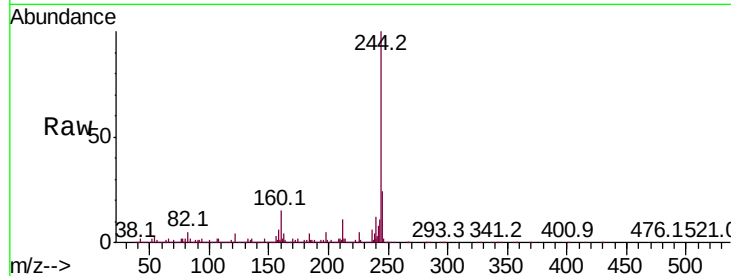
Tot Ion:244 Resp:10445876

Ion Ratio Lower Upper

244 100

212 10.6 4.9 7.3#

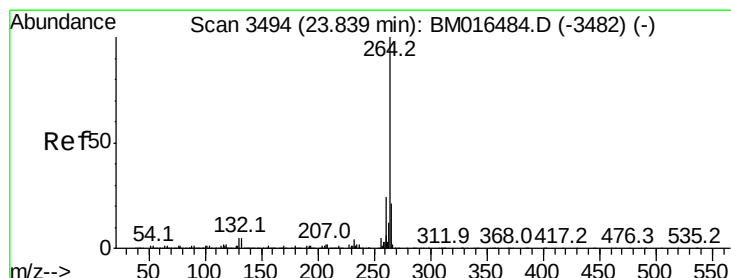
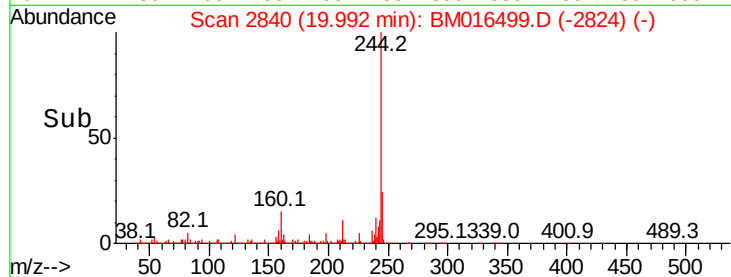
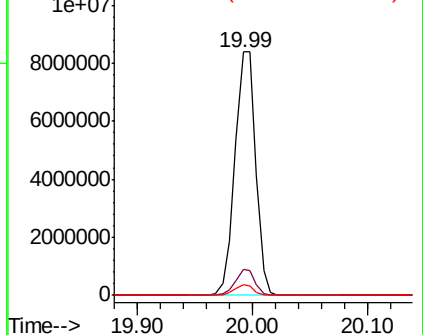
122 4.2 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM016499.D

Acq: 22 Aug 2018 00:30

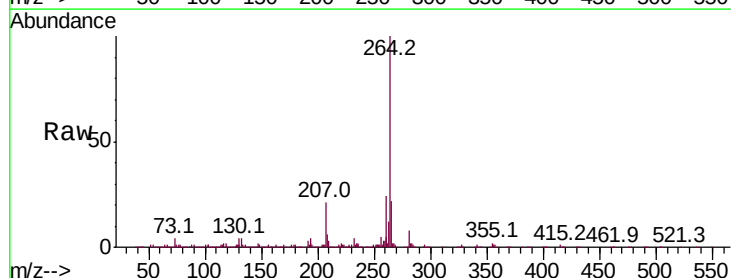
Tgt Ion:264 Resp: 1512960

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 22.4 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

