

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016634.D
 Acq On : 28 Aug 2018 09:33
 Operator : SJ/JU
 Sample : J4652-04DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 10:57:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

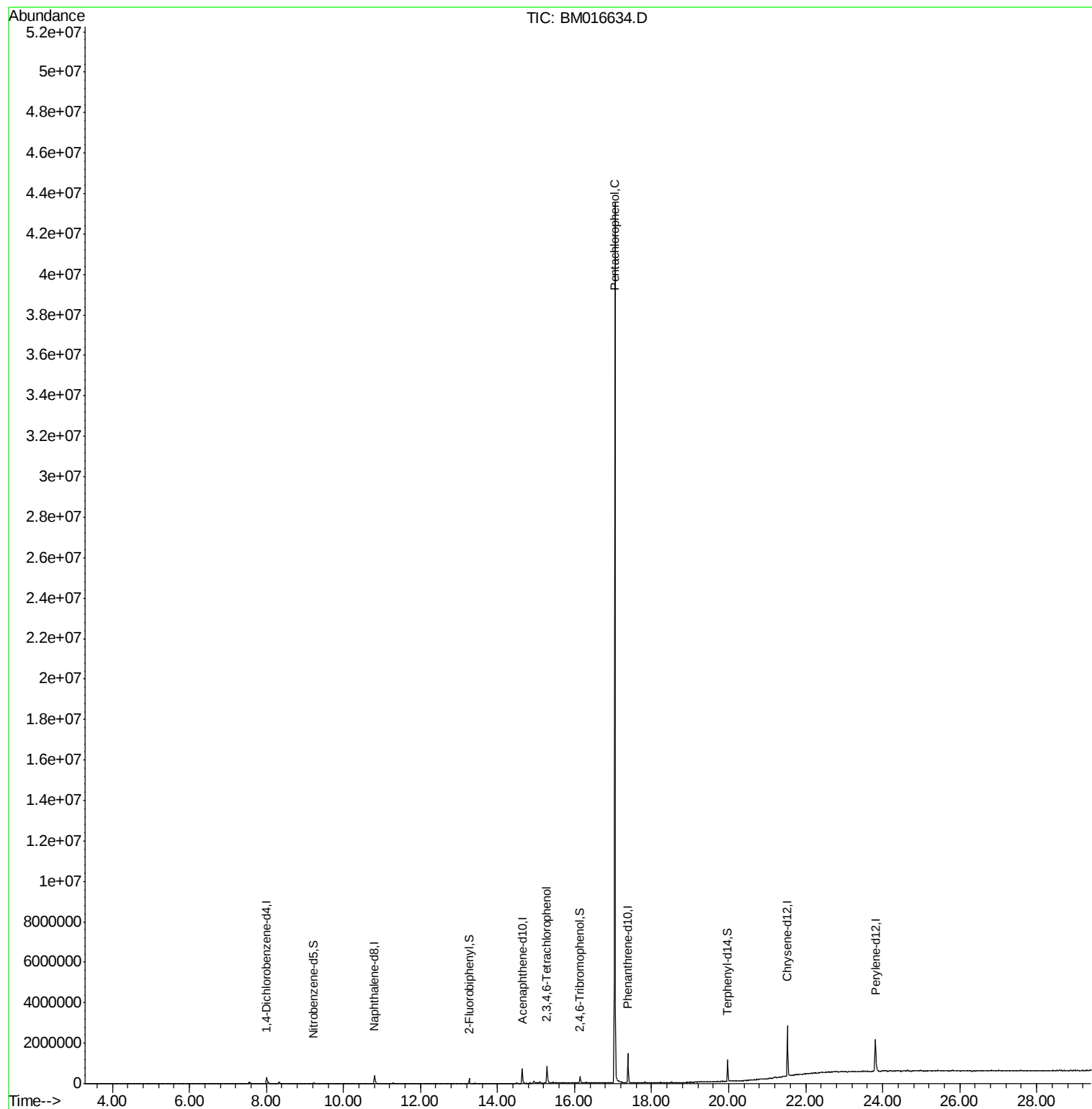
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	71172	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	261333	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	207546	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	800111	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1168241	20.00	ng	0.00
86) Perylene-d12	23.81	264	1217990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	6950	1.91	ng	0.05
7) Phenol-d6	7.23	99	4321	0.90	ng	0.05
23) Nitrobenzene-d5	9.23	82	27018	4.72	ng	0.04
41) 2,4,6-Tribromophenol	16.14	330	56794	9.79	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	127057	5.88	ng	0.00
78) Terphenyl-d14	19.97	244	416368	7.54	ng	0.00
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.28	232	208012	31.609	ng	Qvalue # 100
69) Pentachlorophenol	17.05	266	7218736	951.607	ng	98

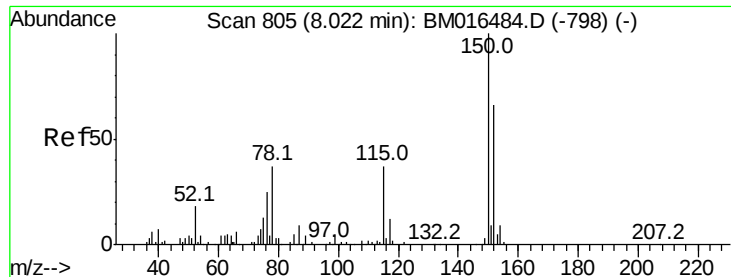
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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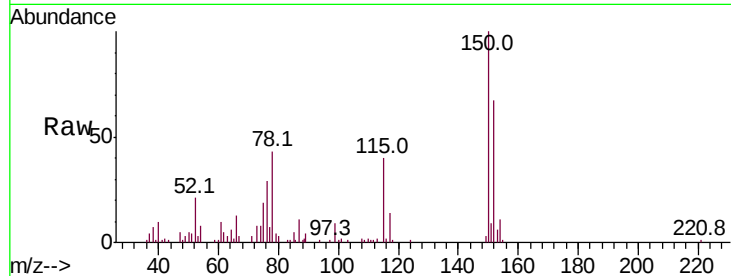


#1

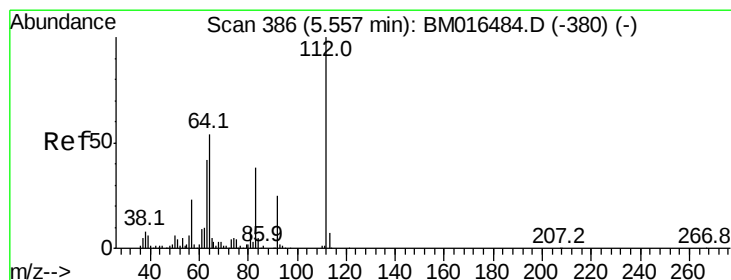
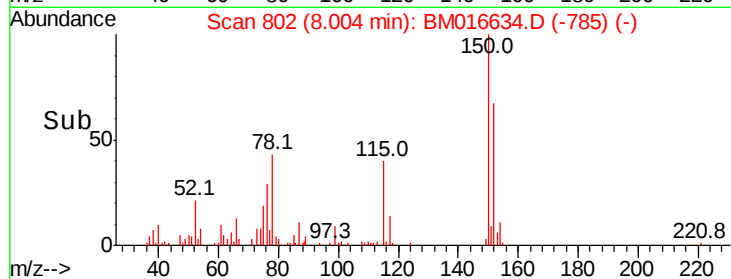
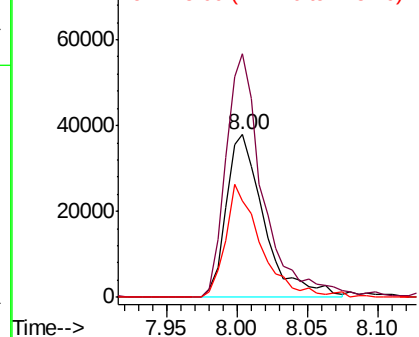
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016634.D
Acq: 28 Aug 2018 09:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 71172
Ion Ratio Lower Upper
152 100
150 149.5 119.5 179.3
115 59.3 43.0 64.4



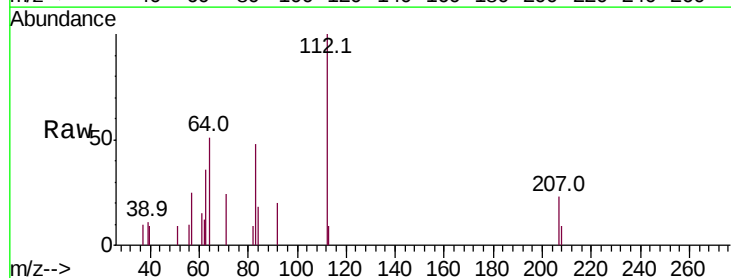
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



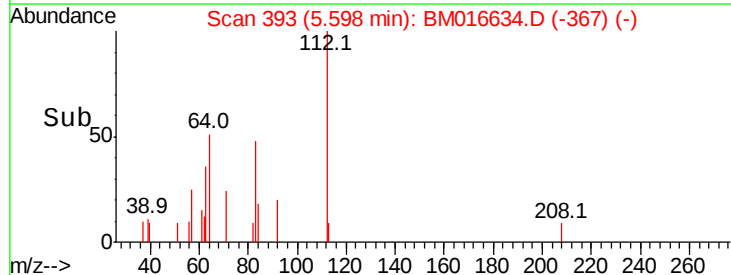
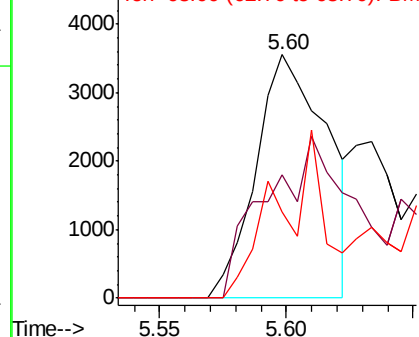
#5

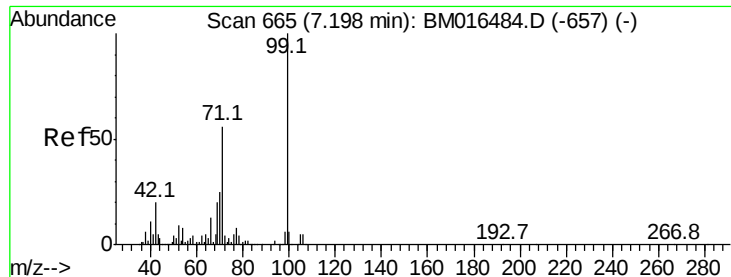
2-Fluorophenol
Concen: 1.914 ng
RT: 5.60 min Scan# 393
Delta R.T. 0.05 min
Lab File: BM016634.D
Acq: 28 Aug 2018 09:33

Tgt Ion:112 Resp: 6950
Ion Ratio Lower Upper
112 100
64 50.7 38.6 57.8
63 35.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 0.899 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.05 min

Lab File: BM016634.D

Acq: 28 Aug 2018 09:33

Instrument :

BNA_M

ClientSampleId :

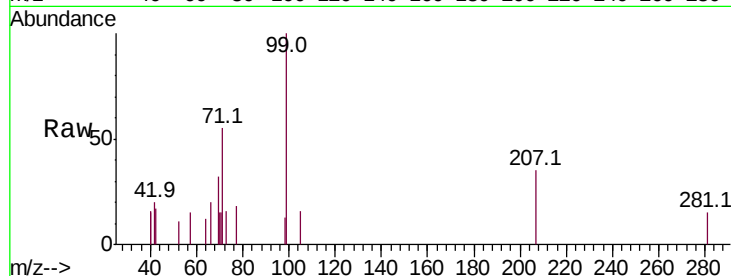
Tot Ion: 99 Resp: 4321

Ion Ratio Lower Upper

99 100

42 37.2 11.0 16.4#

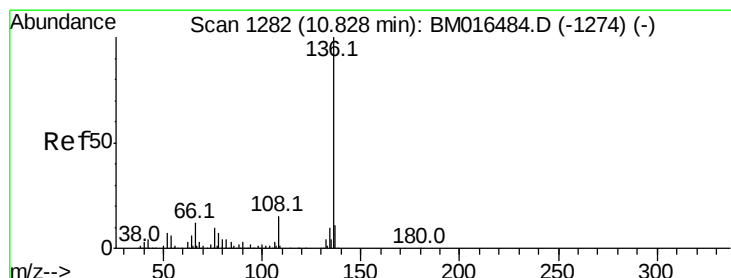
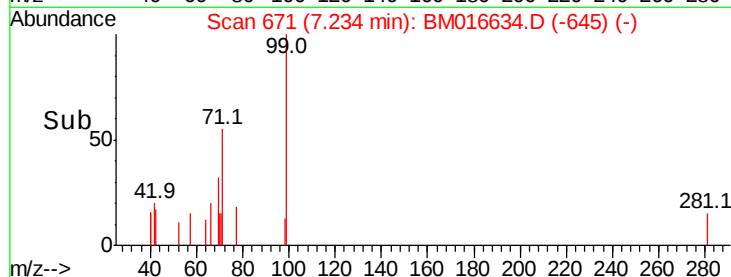
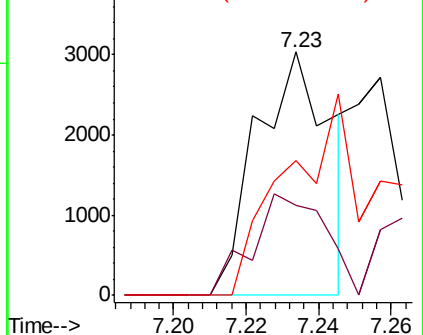
71 55.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016634.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016634.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016634.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016634.D

Acq: 28 Aug 2018 09:33

Tgt Ion: 136 Resp: 261333

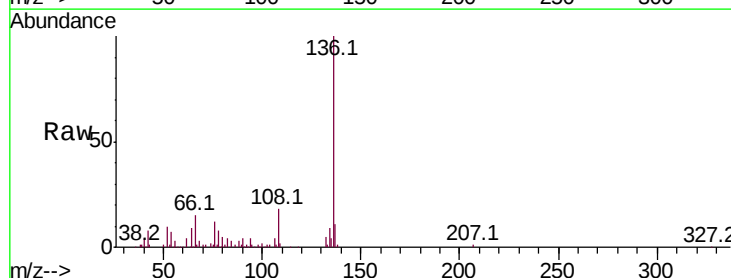
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.2 4.6 6.8#

68 3.2 3.7 5.5#

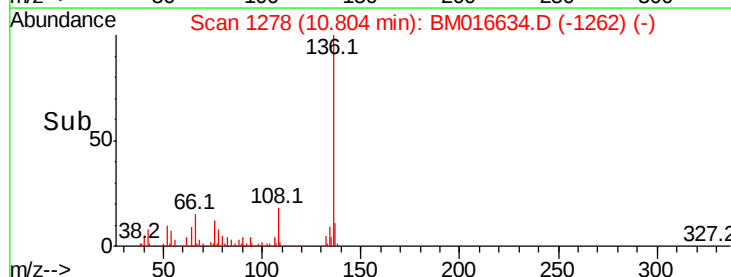
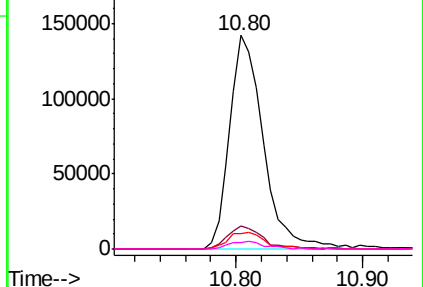


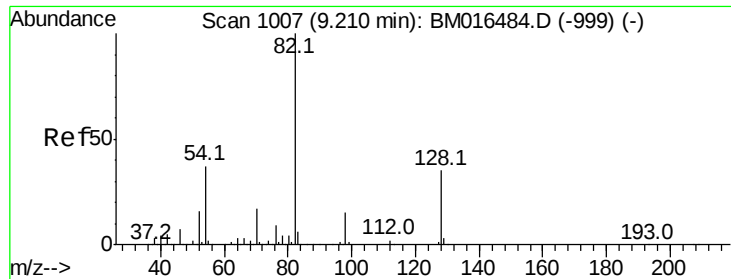
Abundance Ion 136.00 (135.70 to 136.70): BM016634.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016634.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016634.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016634.D (-1274) (-)

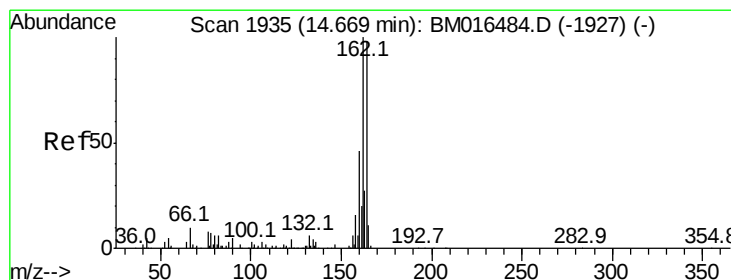
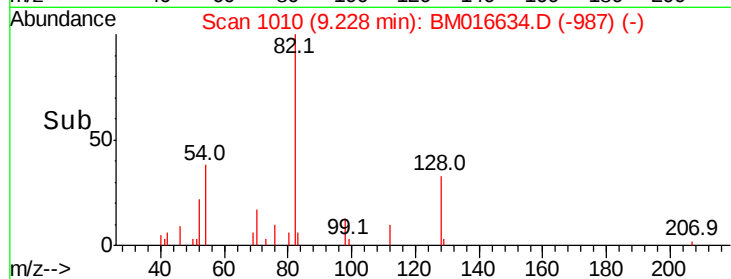
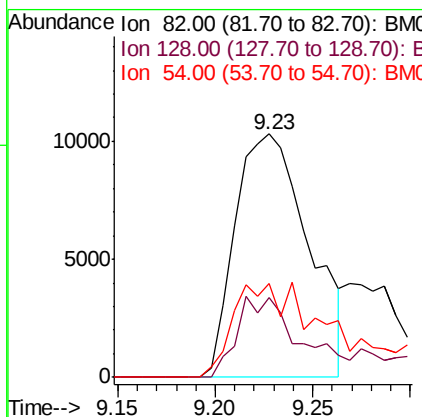
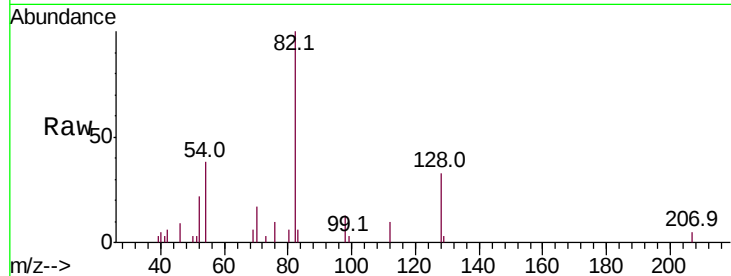




#23
 Nitrobenzene-d5
 Concen: 4.720 ng
 RT: 9.23 min Scan# 1010
 Delta R.T. 0.04 min
 Lab File: BM016634.D
 Acq: 28 Aug 2018 09:33

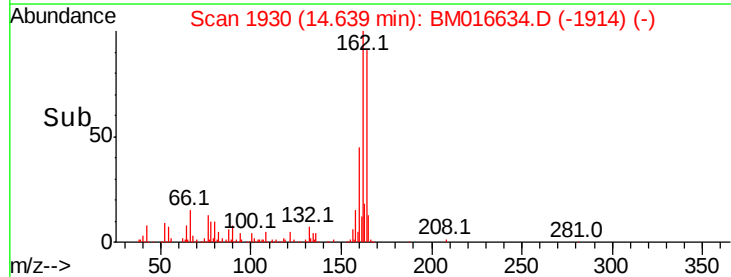
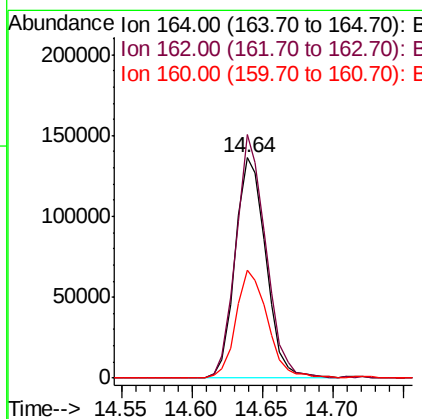
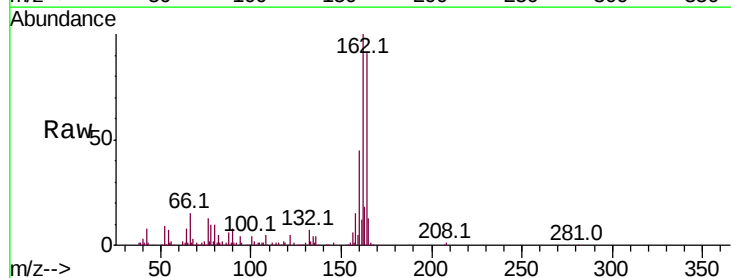
Instrument :
 BNA_M
 ClientSampleId :

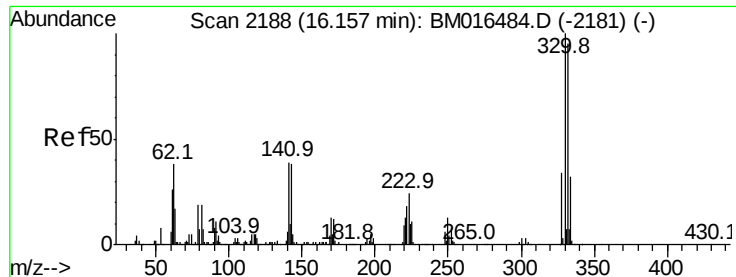
Tot Ion	82	Resp	27018
Ion	Ratio	Lower	Upper
82	100		
128	32.6	32.8	49.2#
54	38.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM016634.D
 Acq: 28 Aug 2018 09:33

Tgt Ion	164	Resp	207546
Ion	Ratio	Lower	Upper
164	100		
162	110.5	82.4	123.6
160	49.3	35.8	53.6

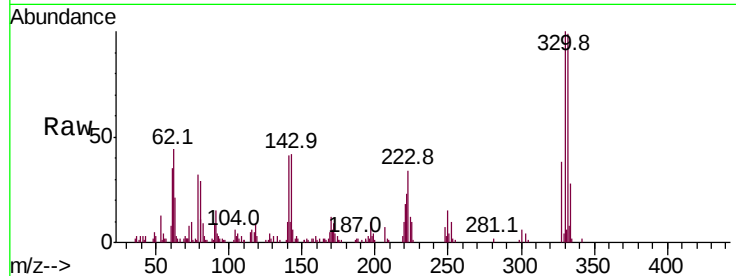




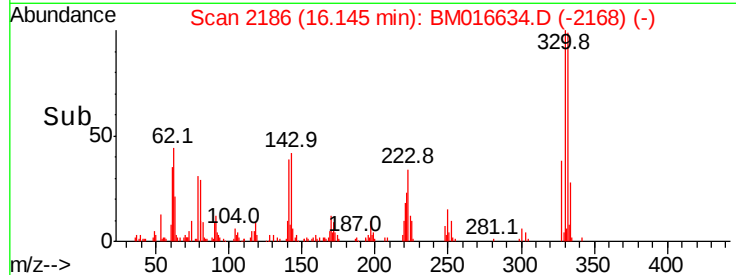
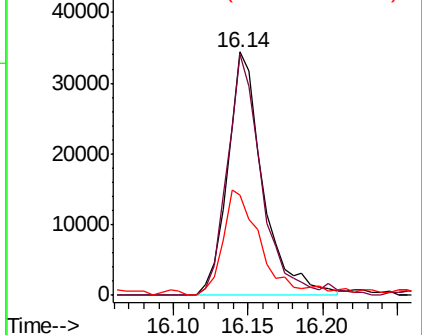
#41
 2,4,6-Tribromophenol
 Concen: 9.789 ng
 RT: 16.14 min Scan# 2186
 Delta R.T. 0.01 min
 Lab File: BM016634.D
 Acq: 28 Aug 2018 09:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	44.5	0.0	0.0#

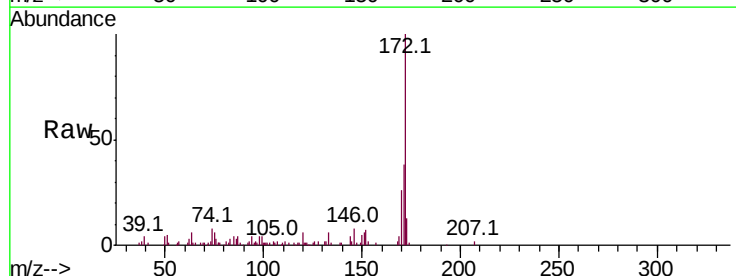


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

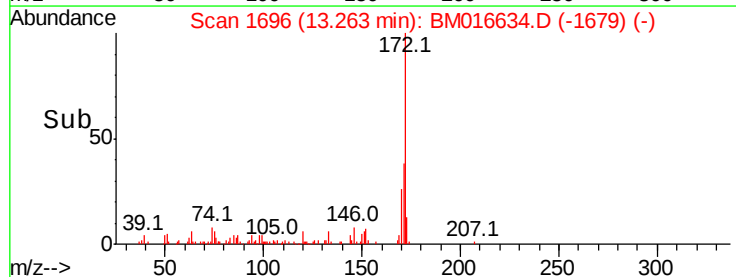
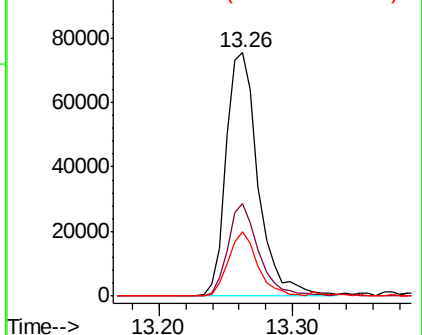


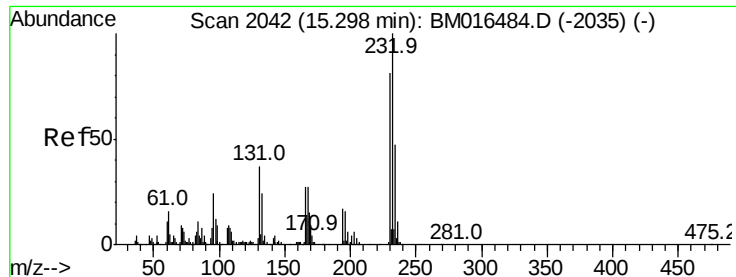
#44
 2-Fluorobiphenyl
 Concen: 5.884 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM016634.D
 Acq: 28 Aug 2018 09:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.5	42.7
170	26.5	18.8	28.2



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

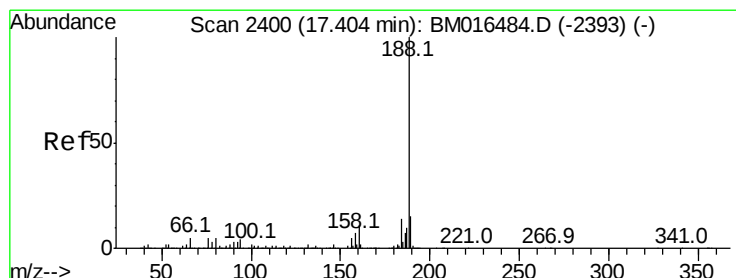
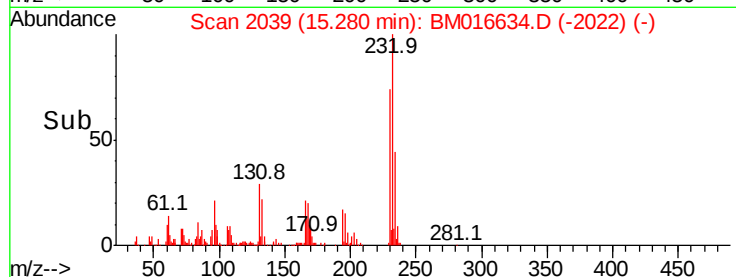
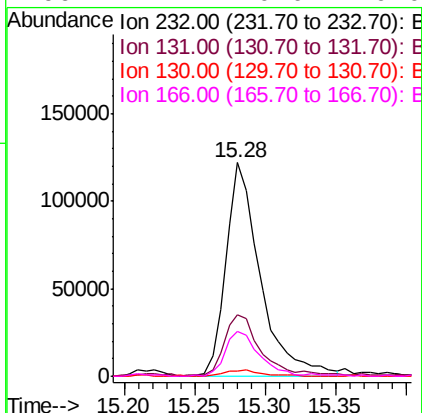
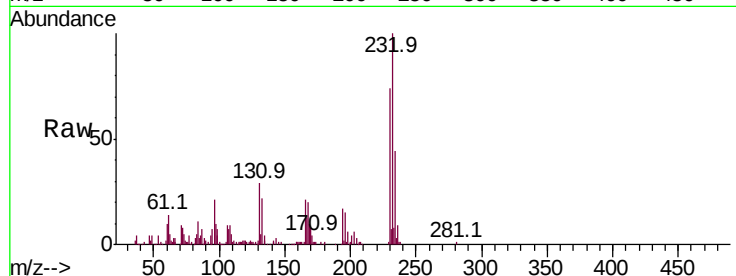




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.609 ng
 RT: 15.28 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BM016634.D
 Acq: 28 Aug 2018 09:33

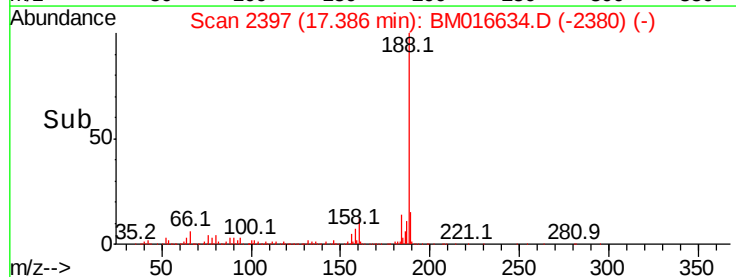
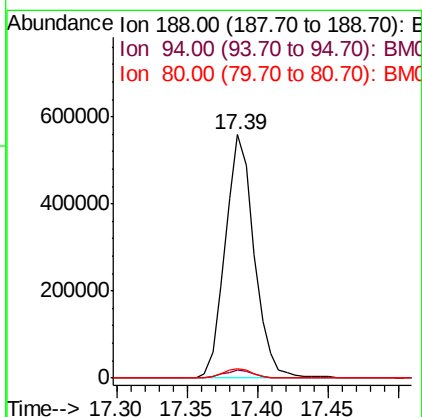
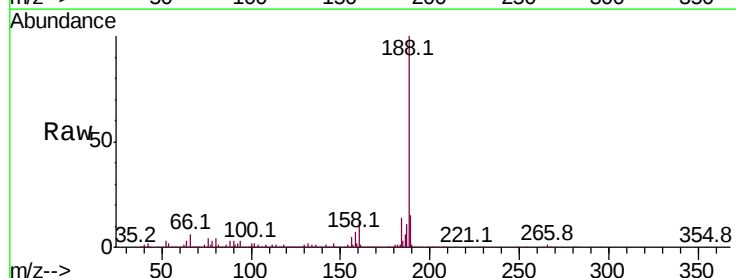
Instrument :
 BNA_M
 ClientSampleId :

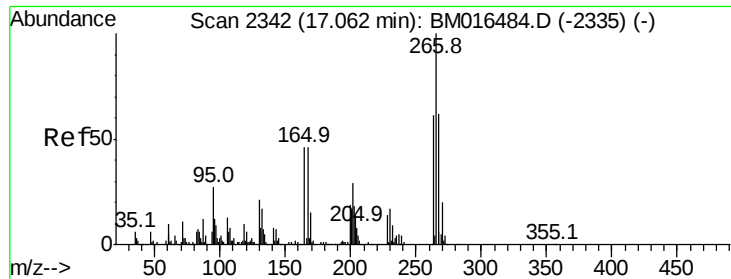
Tot Ion:232	Resp:	208012
Ion Ratio	Lower	Upper
232	100	
131	30.6	0.0 0.0#
130	3.0	0.0 0.0#
166	21.2	0.0 0.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BM016634.D
 Acq: 28 Aug 2018 09:33

Tgt Ion:188	Resp:	800111
Ion Ratio	Lower	Upper
188	100	
94	3.4	8.7 13.1#
80	3.9	9.3 13.9#

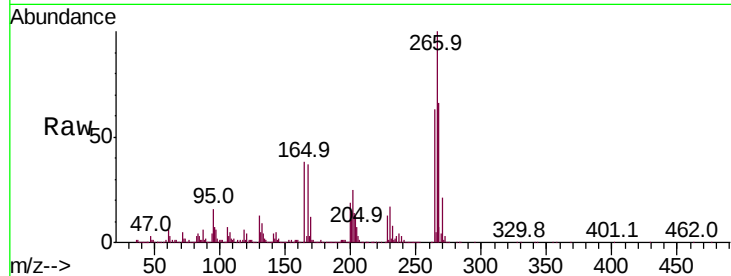




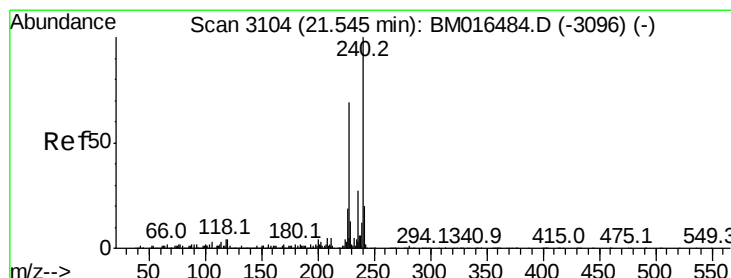
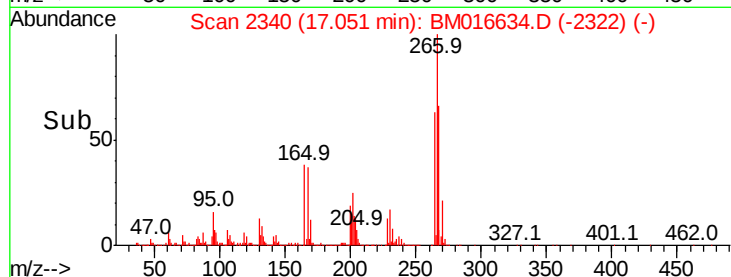
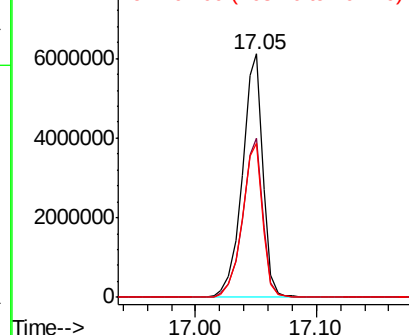
#69
 Pentachlorophenol
 Concen: 951.607 ng
 RT: 17.05 min Scan# 2340
 Delta R.T. 0.01 min
 Lab File: BM016634.D
 Acq: 28 Aug 2018 09:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 7218736
 Ion Ratio Lower Upper
 266 100
 268 65.6 52.0 78.0
 264 63.3 49.0 73.4

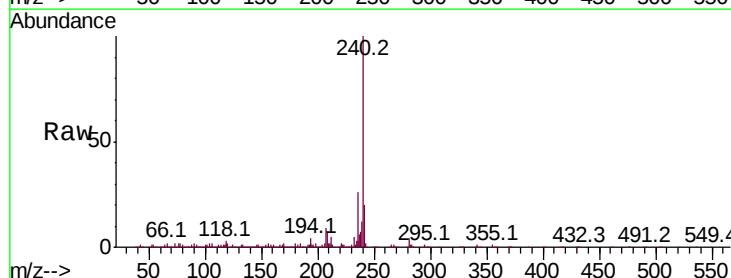


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

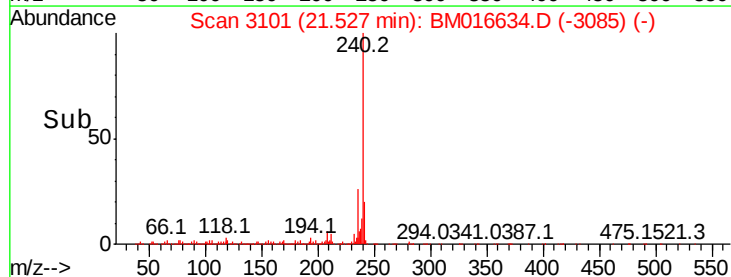
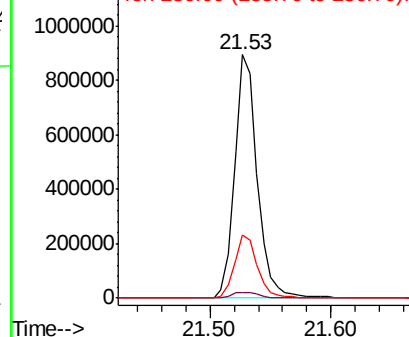


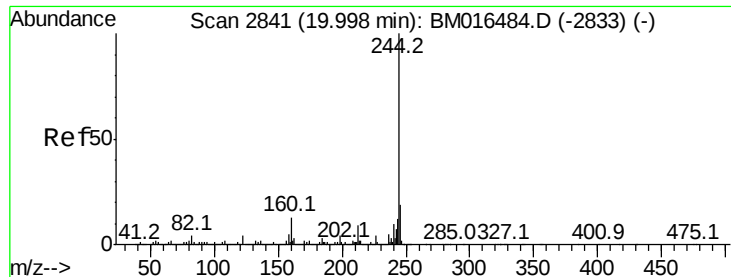
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM016634.D
 Acq: 28 Aug 2018 09:33

Tgt Ion:240 Resp: 1168241
 Ion Ratio Lower Upper
 240 100
 120 2.4 8.2 12.2#
 236 26.1 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





#78

Terphenyl-d14

Concen: 7.544 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016634.D

Acq: 28 Aug 2018 09:33

Instrument :

BNA_M

ClientSampled :

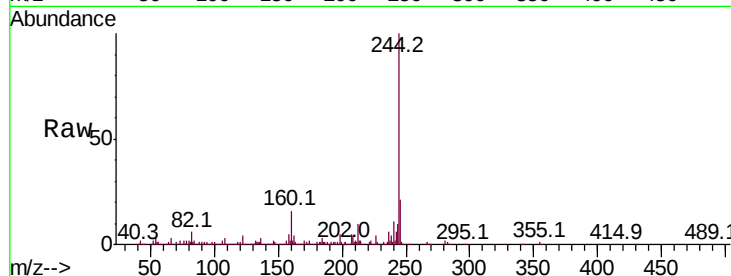
Tot Ion:244 Resp: 416368

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

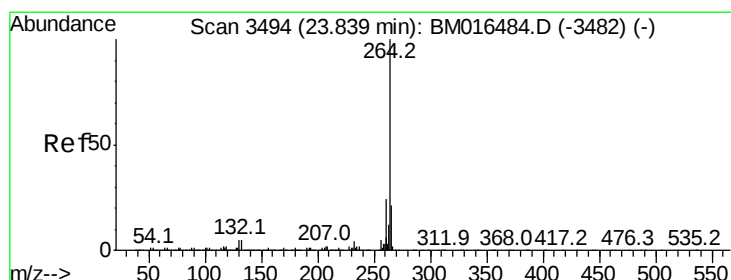
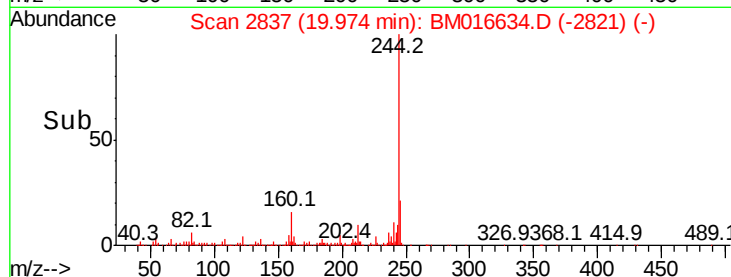
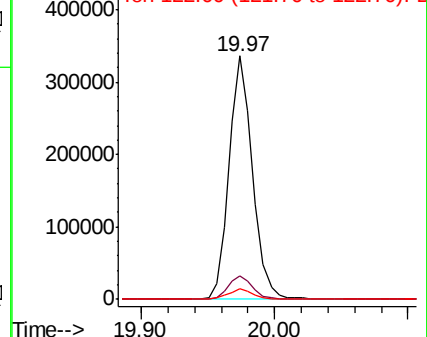
122 4.4 6.2 9.4#



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: 23.81 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM016634.D

Acq: 28 Aug 2018 09:33

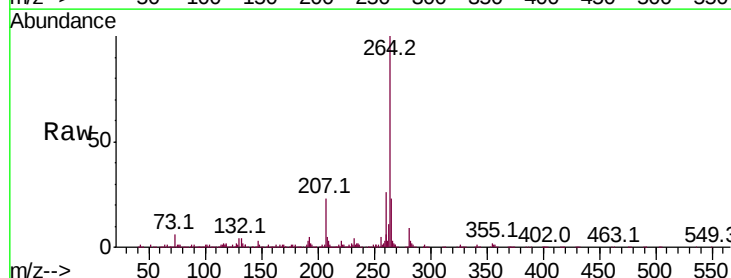
Tgt Ion:264 Resp: 1217990

Ion Ratio Lower Upper

264 100

260 25.9 18.6 27.8

265 22.5 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

