

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018582.D
 Acq On : 16 Jan 2019 14:26
 Operator : JU/SJ
 Sample : K1071-03 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-16(10-15)

Quant Time: Jan 16 17:17:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 13:36:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	126035	20.00	ng	0.00
21) Naphthalene-d8	10.54	136	551106	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	336740	20.00	ng	0.00
64) Phenanthrene-d10	17.14	188	772517	20.00	ng	0.00
76) Chrysene-d12	21.33	240	998870	20.00	ng	0.00
87) Perylene-d12	23.61	264	1179193	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	79107	11.59	ng	0.00
7) Phenol-d6	6.92	99	111481	12.86	ng	0.00
23) Nitrobenzene-d5	8.92	82	84010	8.84	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	56993	13.29	ng	0.00
45) 2-Fluorobiphenyl	13.01	172	199646	7.74	ng	0.00
79) Terphenyl-d14	19.77	244	352920	7.45	ng	0.00

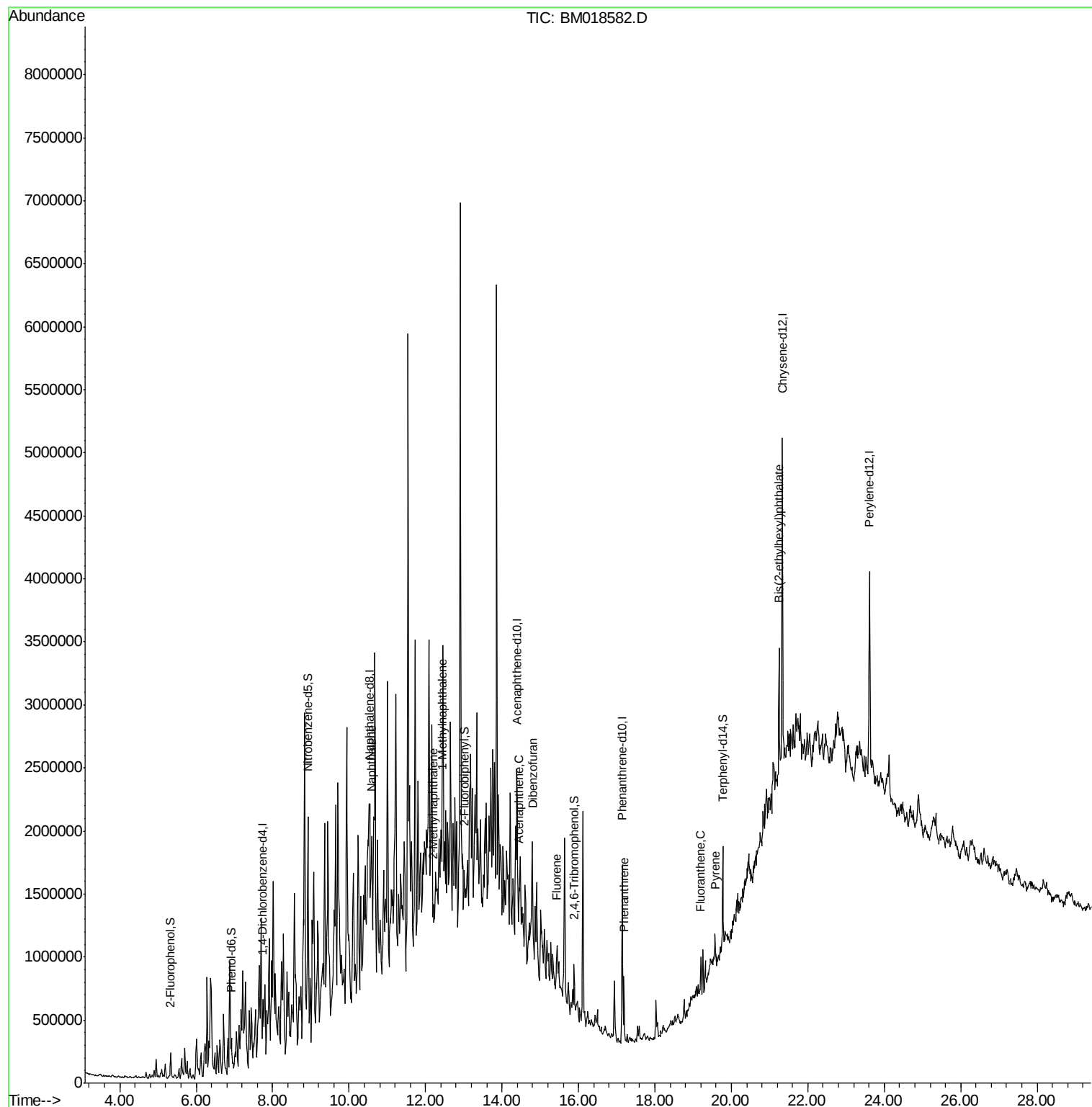
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	10.59	128	79617	3.000	ng	# 47
37) 2-Methylnaphthalene	12.20	142	164018	8.746	ng	# 96
38) 1-Methylnaphthalene	12.43	142	207669	11.445	ng	# 97
52) Acenaphthene	14.46	154	61854	3.042	ng	# 97
55) Dibenzofuran	14.80	168	99923	2.975	ng	# 68
58) Fluorene	15.44	166	108406	4.332	ng	# 91
71) Phenanthrene	17.19	178	306149	7.451	ng	# 99
75) Fluoranthene	19.20	202	184707	3.899	ng	# 97
78) Pyrene	19.57	202	143995	2.432	ng	# 96
84) Bis(2-ethylhexyl)phthalate	21.24	149	335697	9.202	ng	# 95

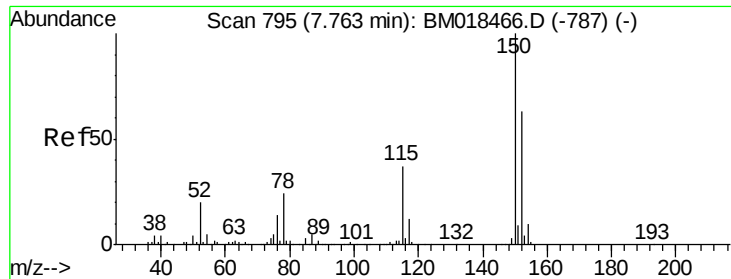
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
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CPSB-16(10-15)

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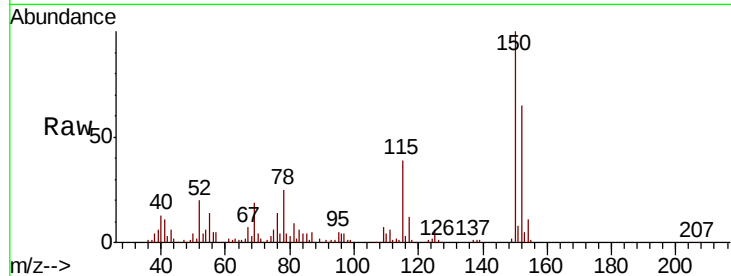


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Instrument :
BNA_M
ClientSampleId :
CPSB-16(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	59.4	45.5	68.3

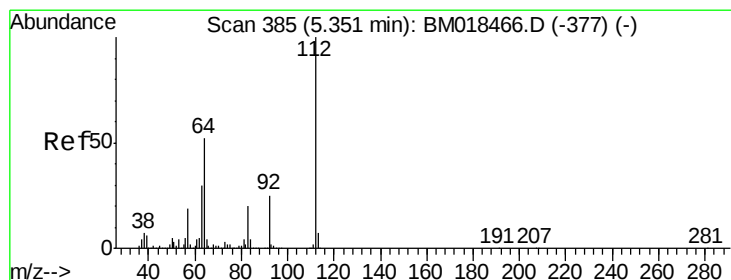
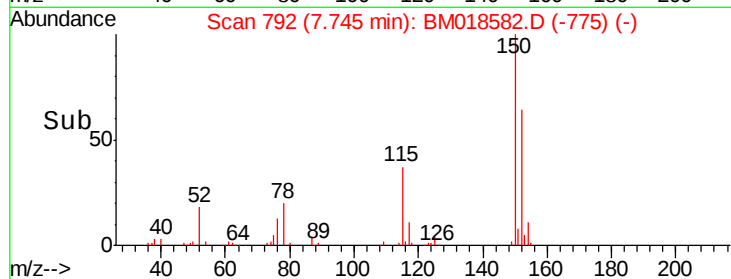
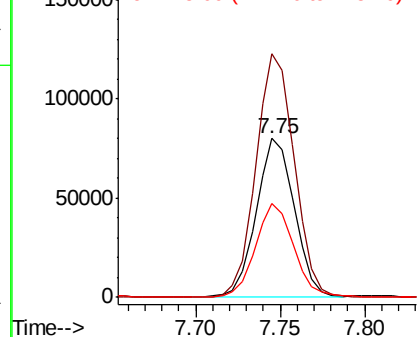


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

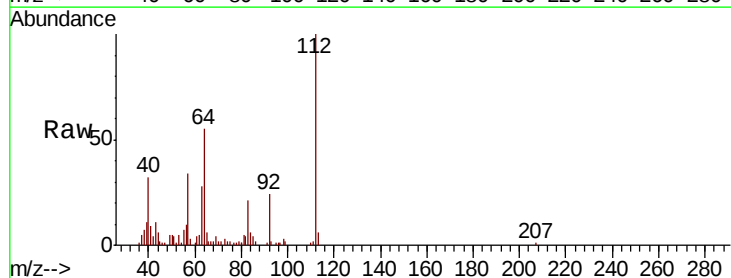
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 11.590 ng
RT: 5.33 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.5	69.7
63	27.6	25.2	37.8

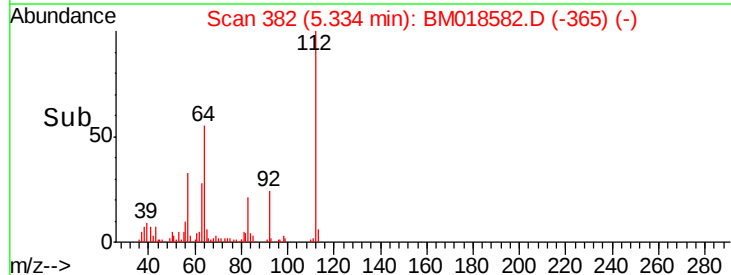
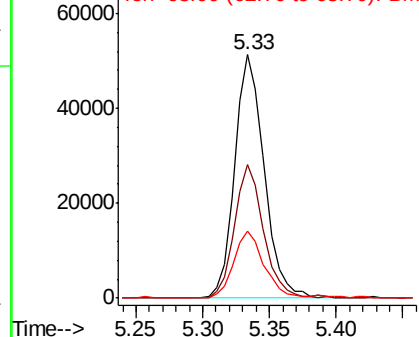


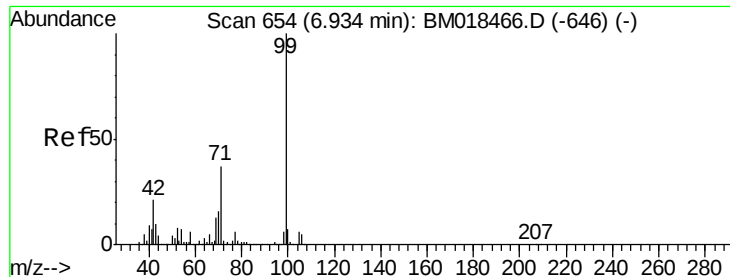
Abundance

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: 12.859 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018582.D

Acq: 16 Jan 2019 14:26

Instrument :

BNA_M

ClientSampleId :

CPSB-16(10-15)

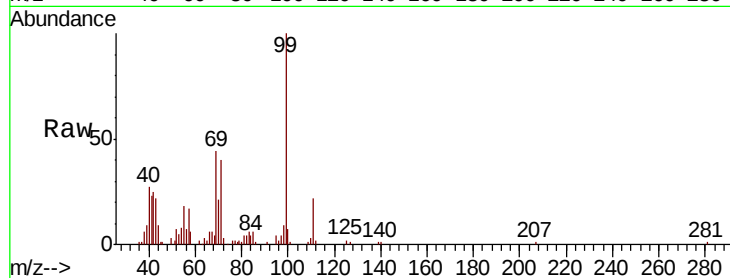
Tot Ion: 99 Resp: 111481

Ion Ratio Lower Upper

99 100

42 24.7 17.3 25.9

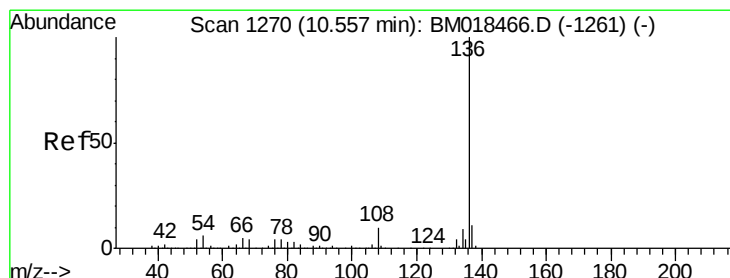
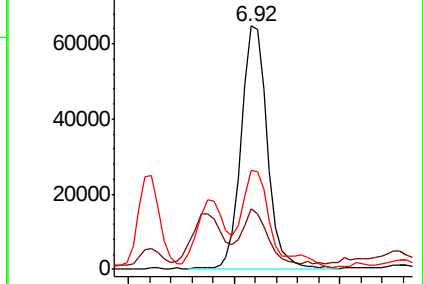
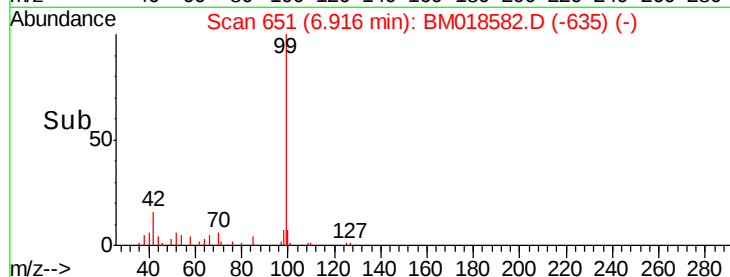
71 40.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM018582.D

Acq: 16 Jan 2019 14:26

Tgt Ion: 136 Resp: 551106

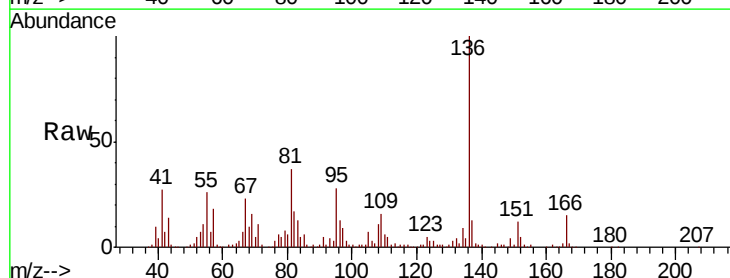
Ion Ratio Lower Upper

136 100

137 12.6 8.5 12.7

54 10.8 6.0 9.0#

68 9.6 4.5 6.7#

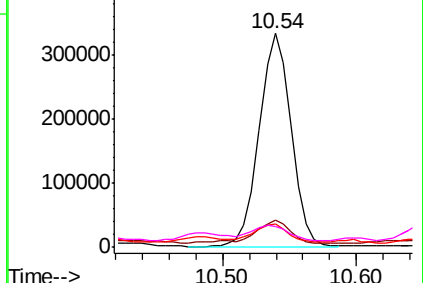
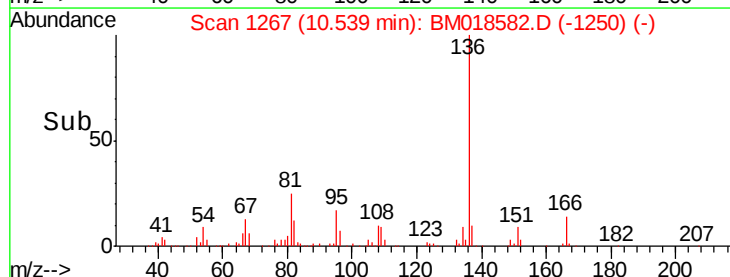


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

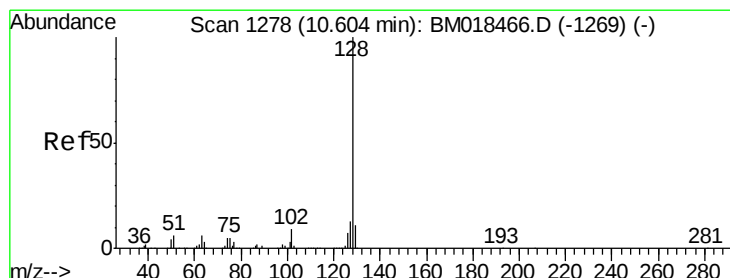
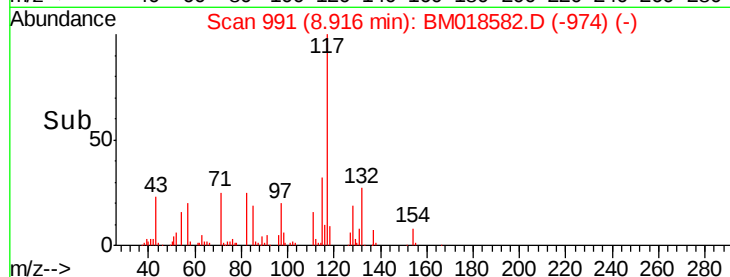
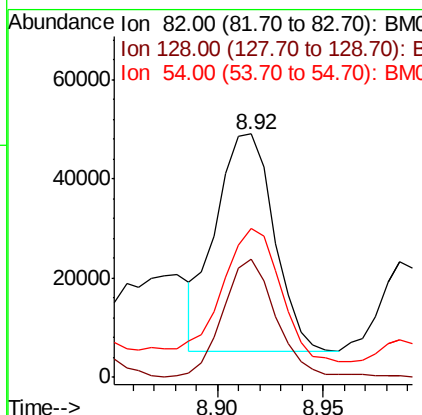
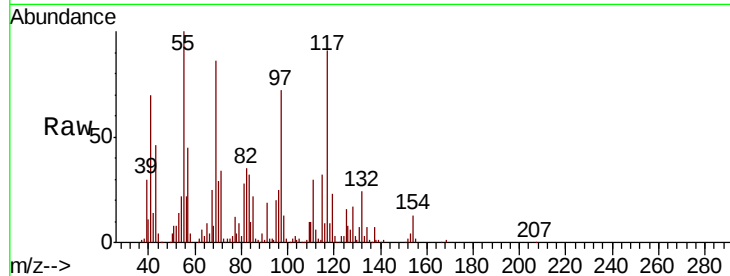




#23
Nitrobenzene-d5
Concen: 8.837 ng
RT: 8.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

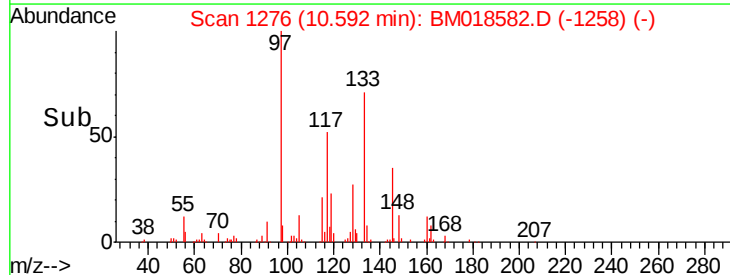
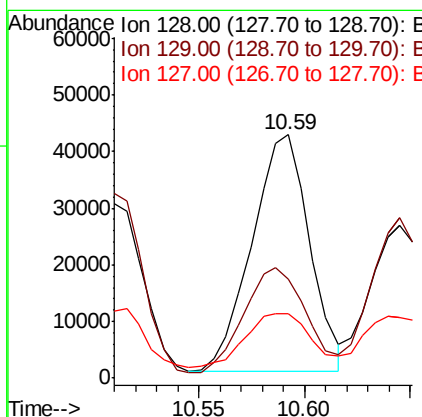
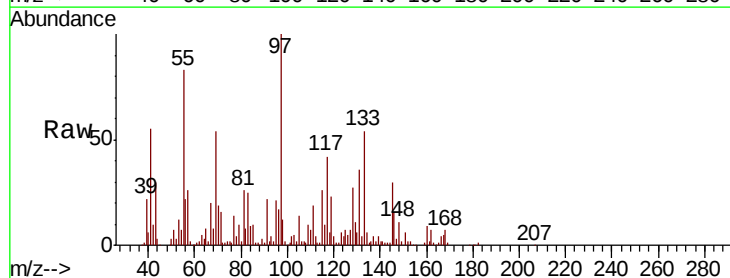
Instrument :
BNA_M
ClientSampleId :
CPSB-16(10-15)

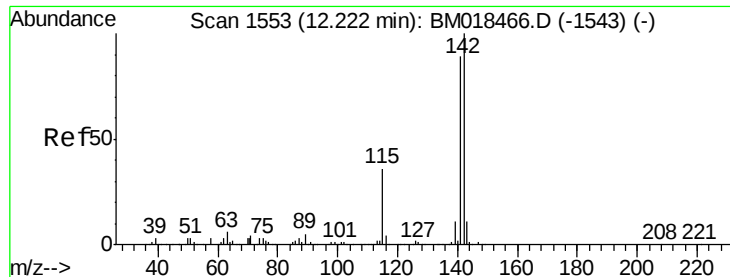
Tot Ion	82	Resp	84010
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.3	54.5
54	61.4	41.7	62.5



#31
Naphthalene
Concen: 3.000 ng
RT: 10.59 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Tgt Ion	128	Resp	79617
Ion Ratio	Lower	Upper	
128	100		
129	40.8	8.7	13.1#
127	26.6	10.8	16.2#

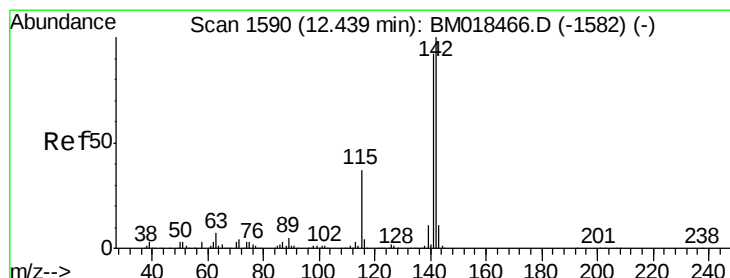
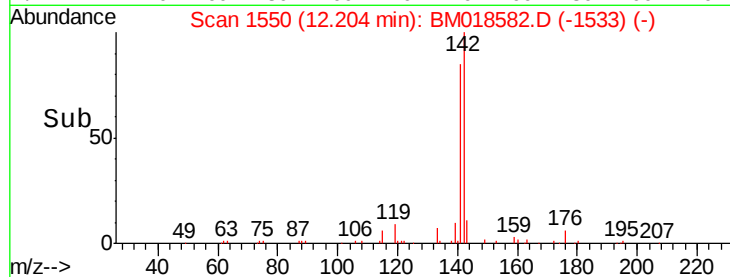
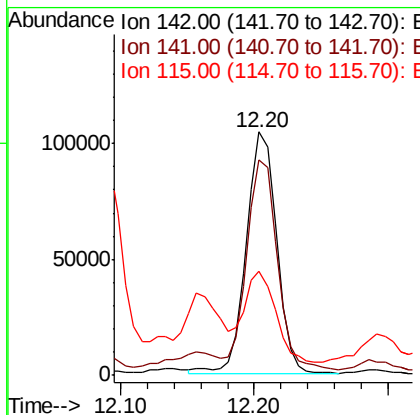
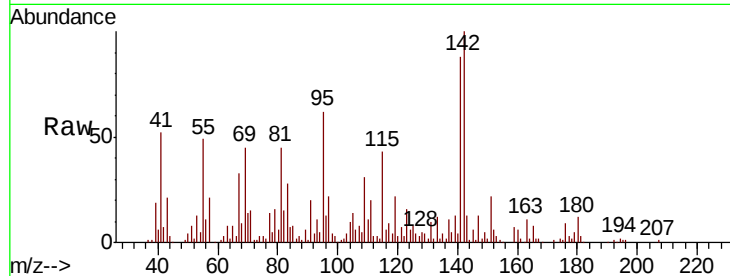




#37
2-Methylnaphthalene
Concen: 8.746 ng
RT: 12.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

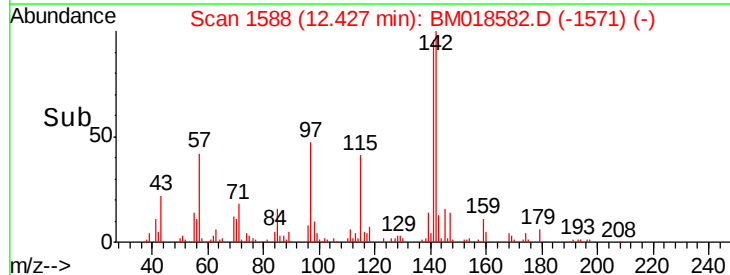
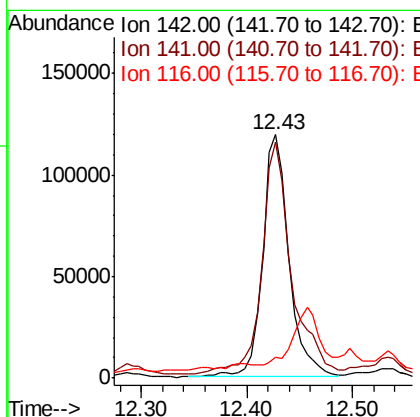
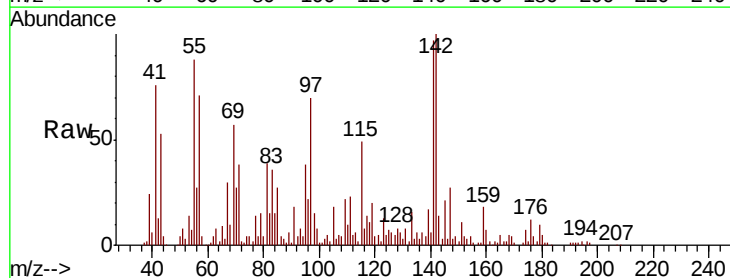
Instrument :
BNA_M
ClientSampleId :
CPSB-16(10-15)

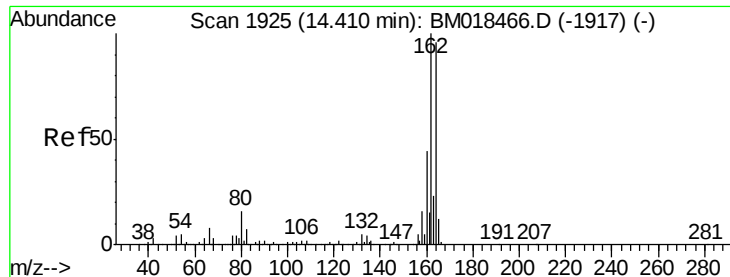
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	42.7	28.0	42.0#



#38
1-Methylnaphthalene
Concen: 11.445 ng
RT: 12.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	75.6	113.4
116	8.4	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM018582.D

Acq: 16 Jan 2019 14:26

Instrument :

BNA_M

ClientSampleId :

CPSB-16(10-15)

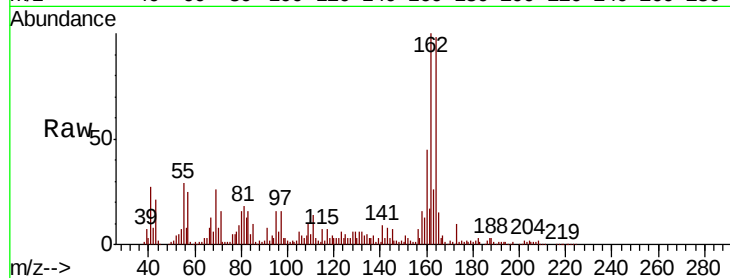
Tot Ion:164 Resp: 336740

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.4

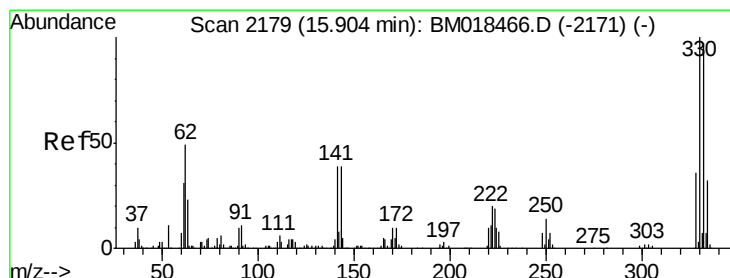
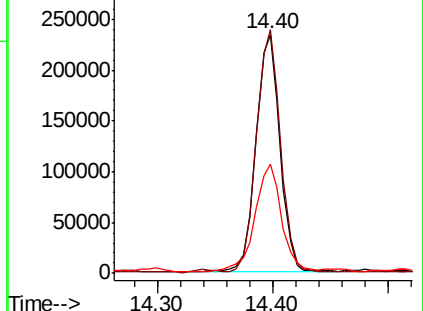
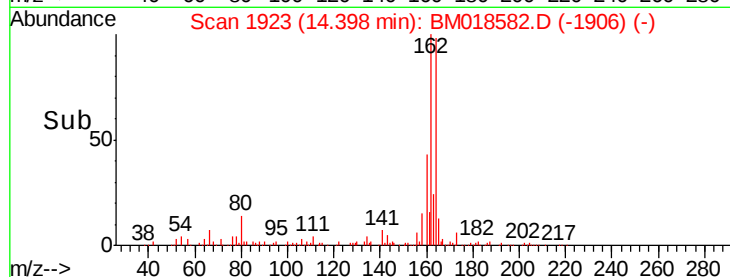
160 45.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 13.292 ng

RT: 15.89 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BM018582.D

Acq: 16 Jan 2019 14:26

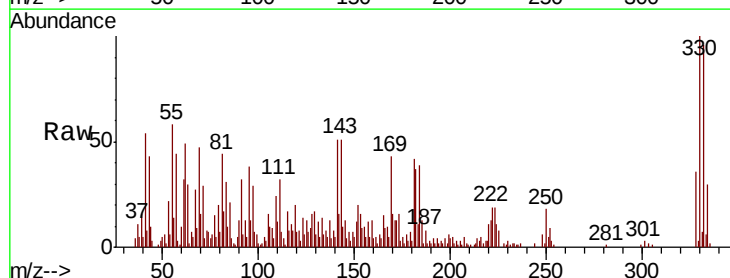
Tgt Ion:330 Resp: 56993

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

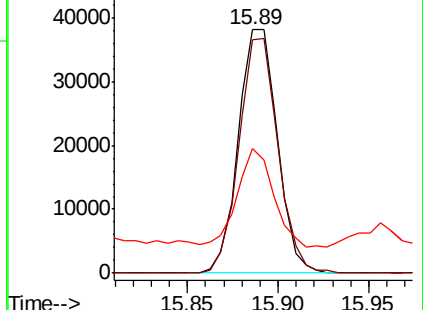
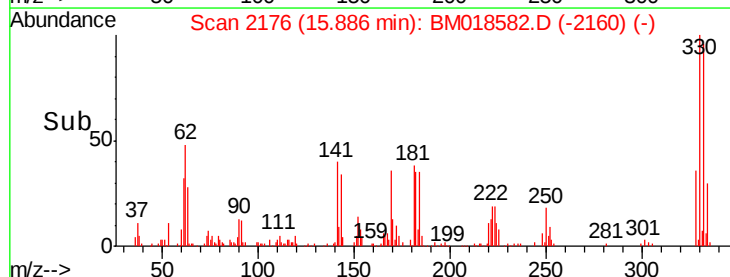
141 38.5 31.7 47.5

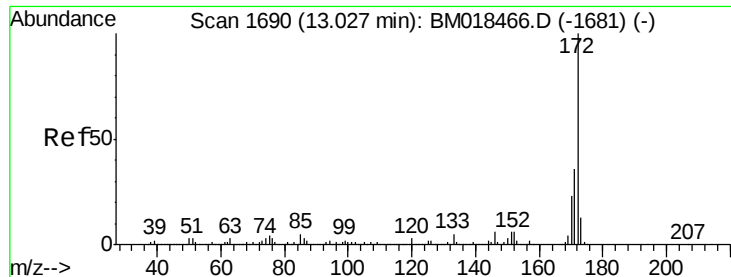


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

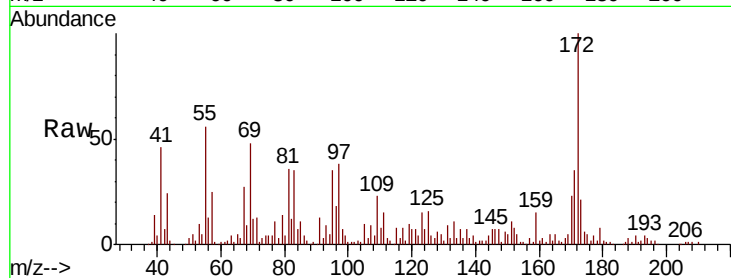




#45
2-Fluorobiphenyl
Concen: 7.736 ng
RT: 13.01 min Scan# 1687
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Instrument :
BNA_M
ClientSampleId :
CPSB-16(10-15)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.4	18.9	28.3

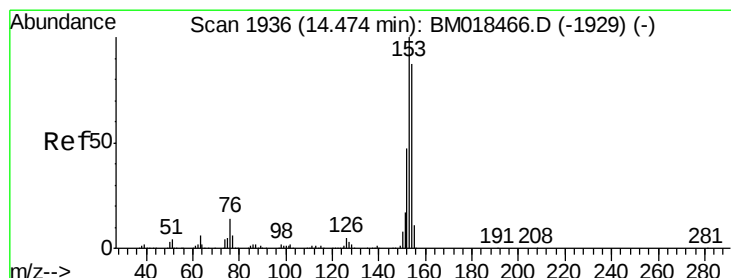
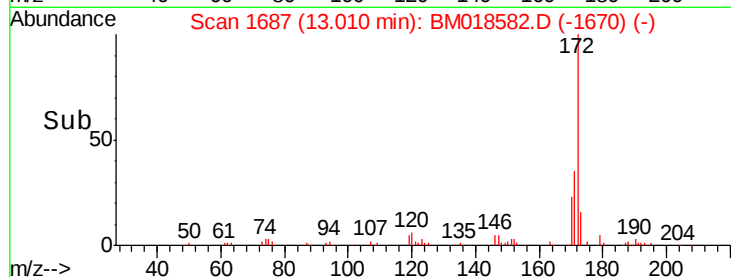
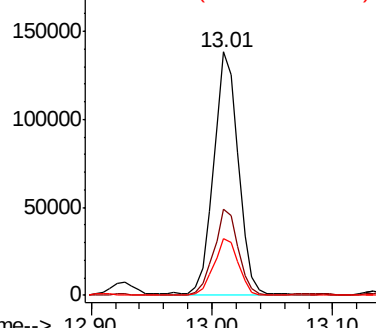


Abundance

Ion 172.00 (171.70 to 172.70): E

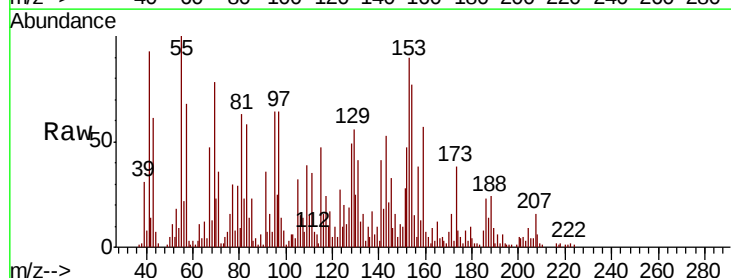
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#52
Acenaphthene
Concen: 3.042 ng
RT: 14.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	92.3	138.5
152	60.6	43.8	65.6

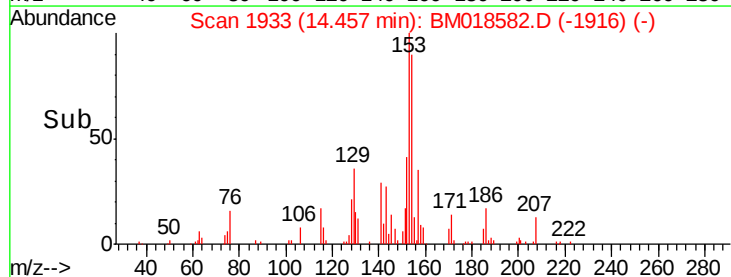
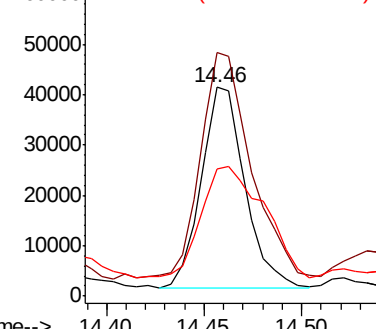


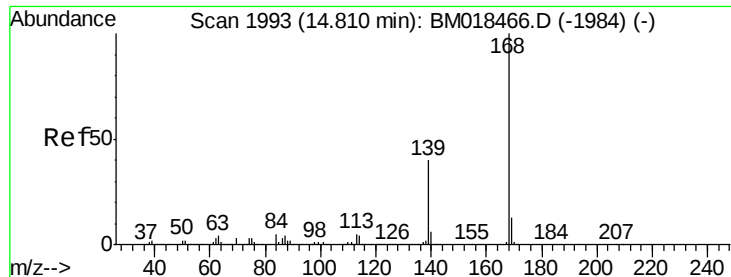
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

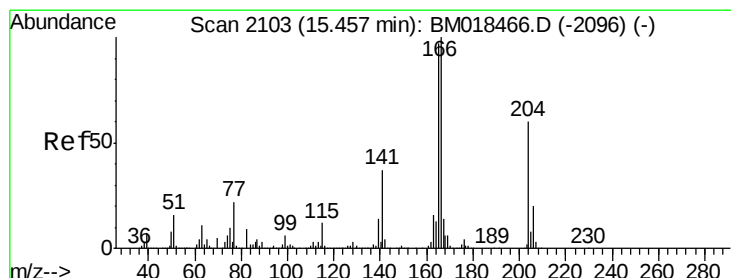
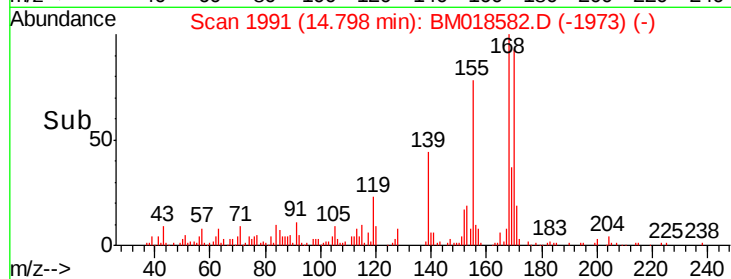
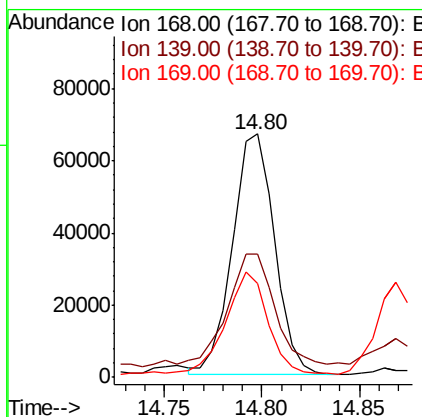
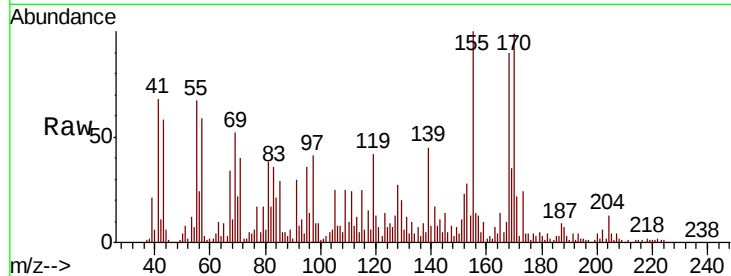




#55
Dibenzofuran
Concen: 2.975 ng
RT: 14.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

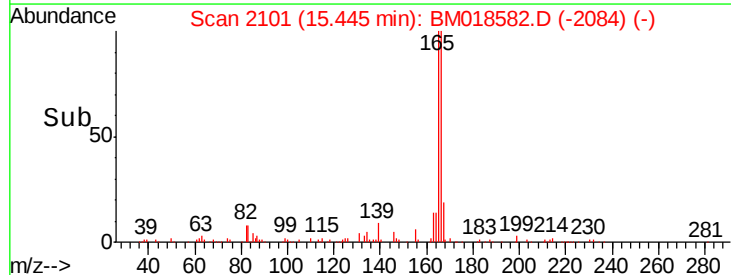
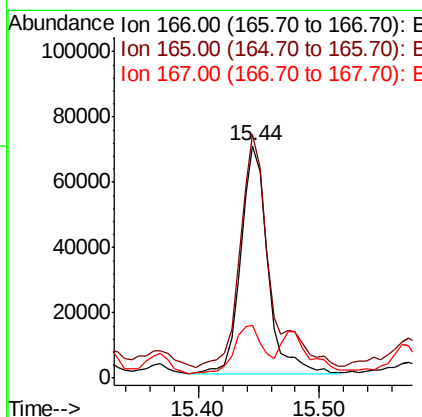
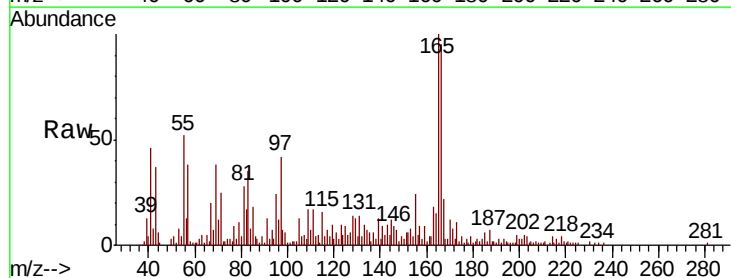
Instrument :
BNA_M
ClientSampleId :
CPSB-16(10-15)

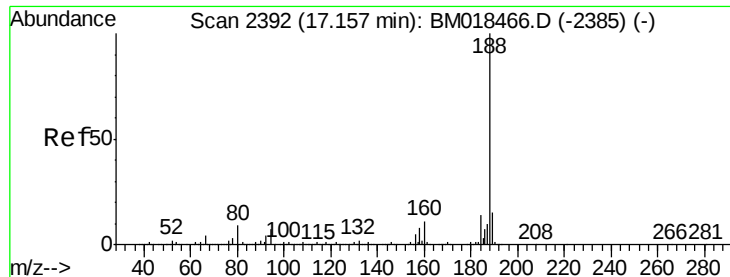
Tot Ion:168 Resp: 99923
Ion Ratio Lower Upper
168 100
139 50.4 30.3 45.5#
169 38.7 10.6 16.0#



#58
Fluorene
Concen: 4.332 ng
RT: 15.44 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Tgt Ion:166 Resp: 108406
Ion Ratio Lower Upper
166 100
165 104.9 78.3 117.5
167 23.0 10.9 16.3#

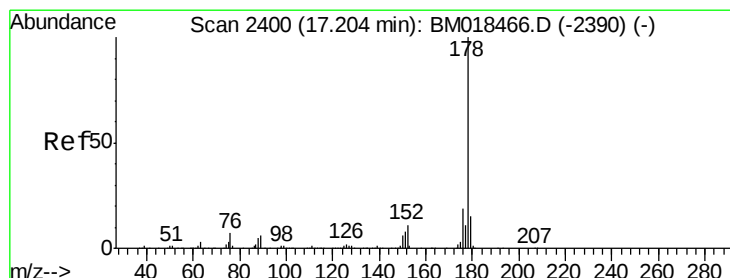
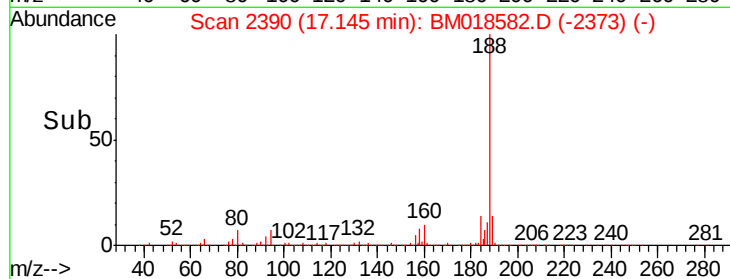
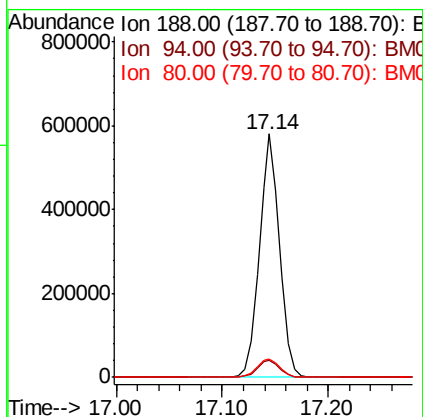
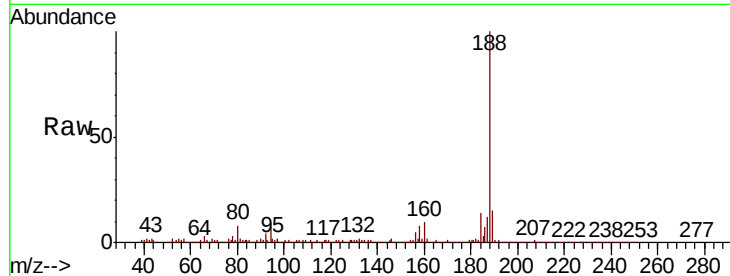




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

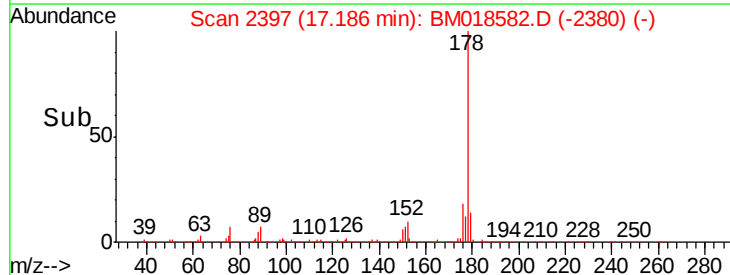
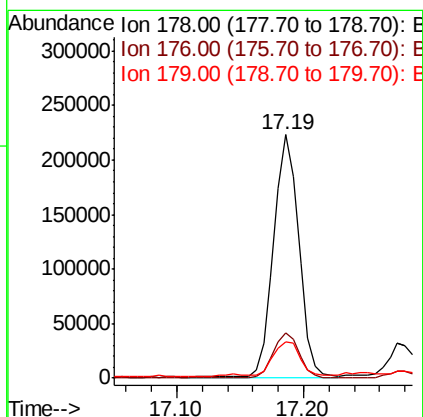
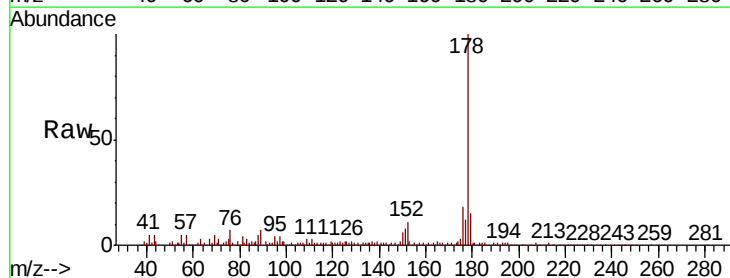
Instrument :
BNA_M
ClientSampleId :
CPSB-16(10-15)

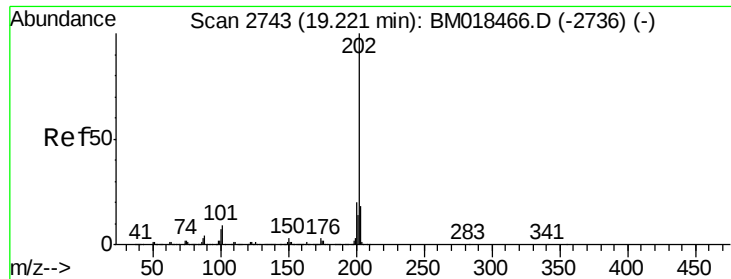
Tot Ion:188 Resp: 772517
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 7.5 7.6 11.4#



#71
Phenanthrene
Concen: 7.451 ng
RT: 17.19 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Tgt Ion:178 Resp: 306149
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 15.1 12.2 18.4





#75

Fluoranthene

Concen: 3.899 ng

RT: 19.20 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM018582.D

Acq: 16 Jan 2019 14:26

Instrument :

BNA_M

ClientSampleId :

CPSB-16(10-15)

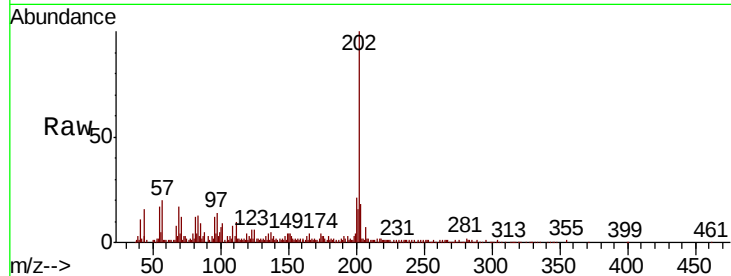
Tot Ion:202 Resp: 184707

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.9

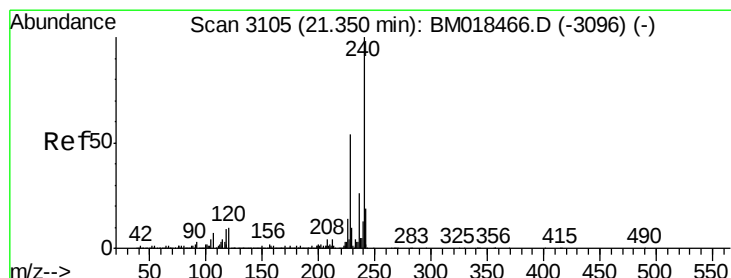
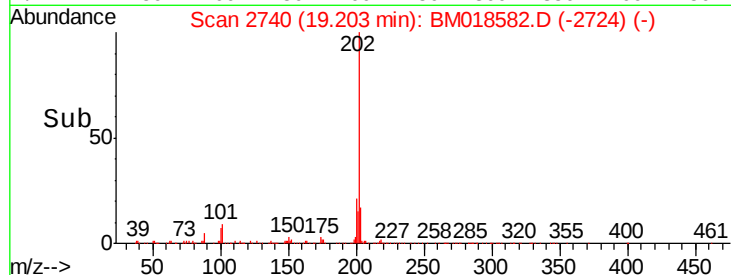
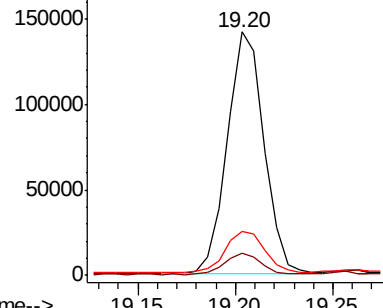
203 18.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018582.D

Acq: 16 Jan 2019 14:26

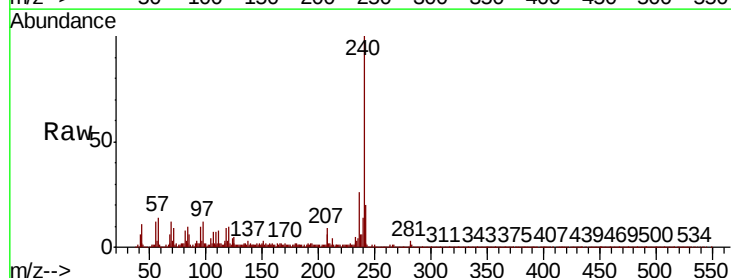
Tgt Ion:240 Resp: 998870

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

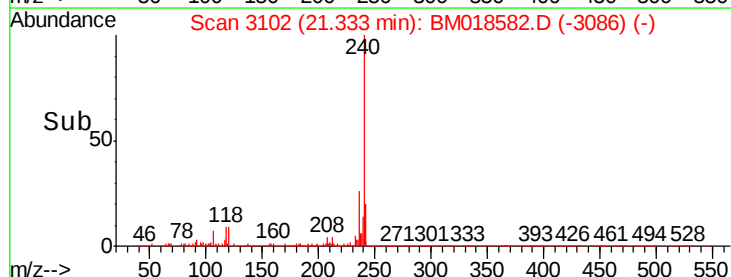
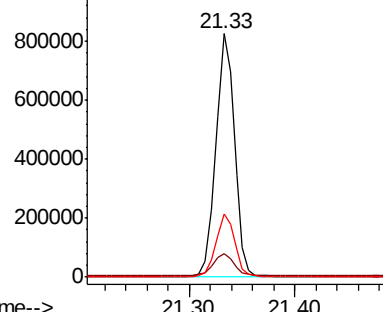
236 26.0 20.7 31.1

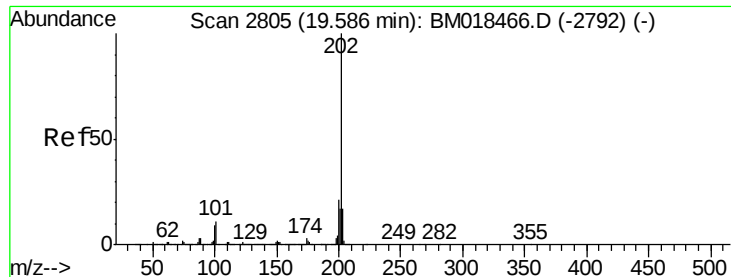


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

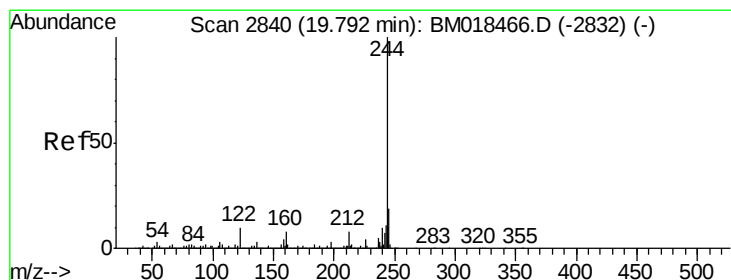
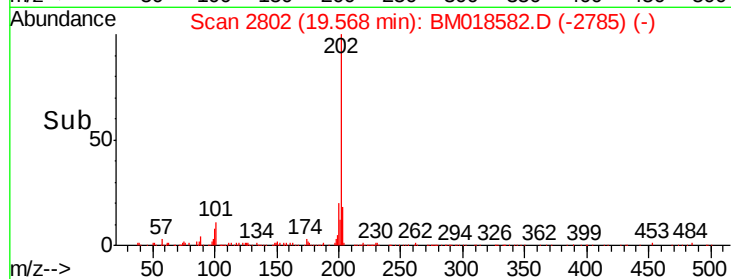
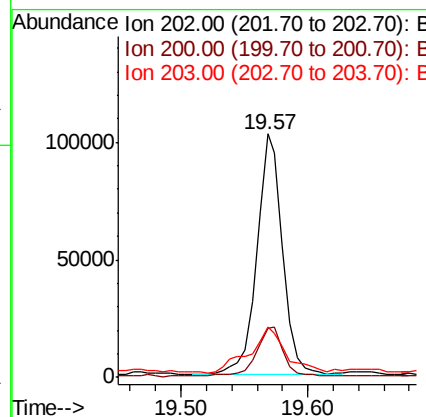
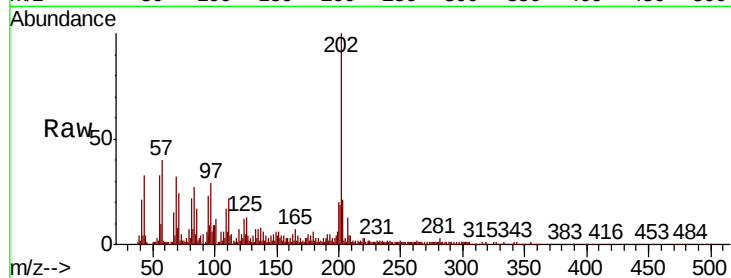




#78
Pvrene
Concen: 2.432 ng
RT: 19.57 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

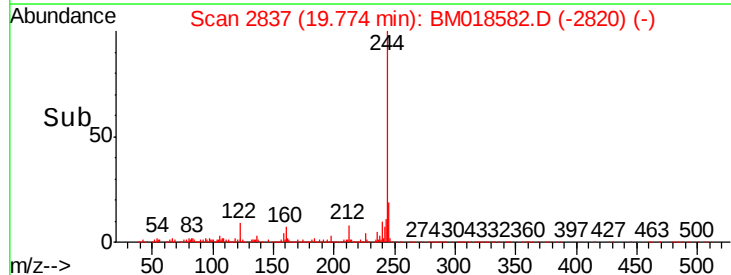
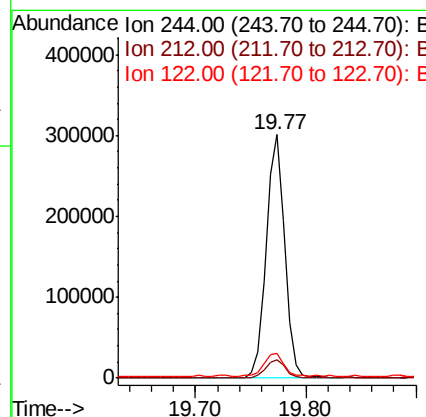
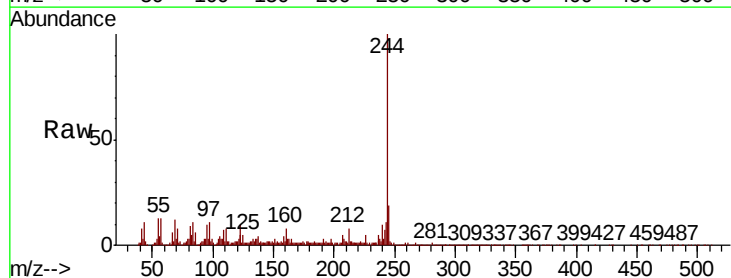
Instrument :
BNA_M
ClientSampleId :
CPSB-16(10-15)

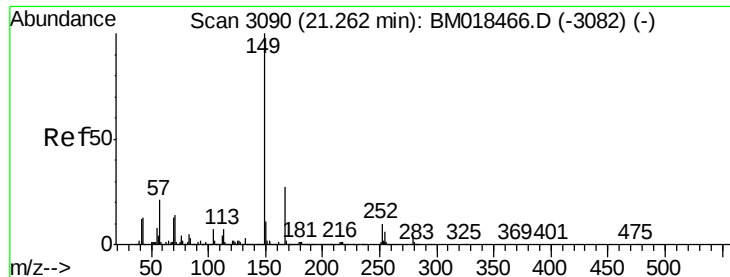
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	20.9	13.8	20.8



#79
Terphenyl-d14
Concen: 7.448 ng
RT: 19.77 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BM018582.D
Acq: 16 Jan 2019 14:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	10.1	9.0	13.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.202 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM018582.D

Acq: 16 Jan 2019 14:26

Instrument :

BNA_M

ClientSampleId :

CPSB-16(10-15)

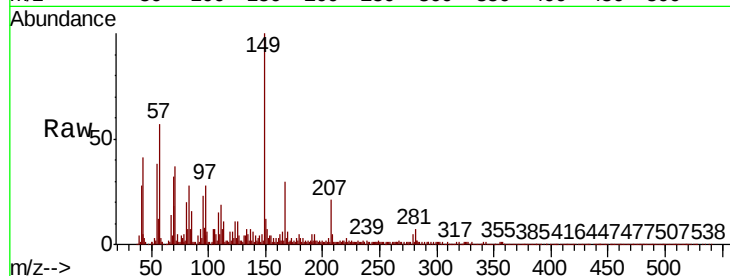
Tot Ion:149 Resp: 335697

Ion Ratio Lower Upper

149 100

167 29.7 21.6 32.4

279 4.7 3.3 4.9

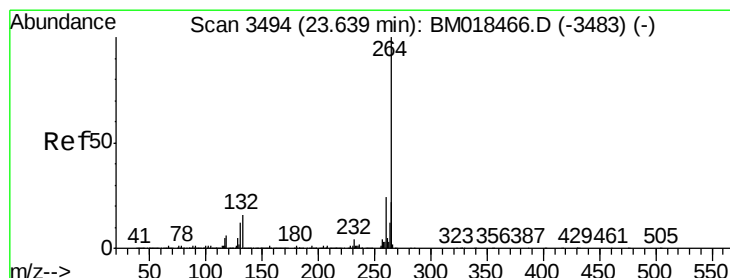
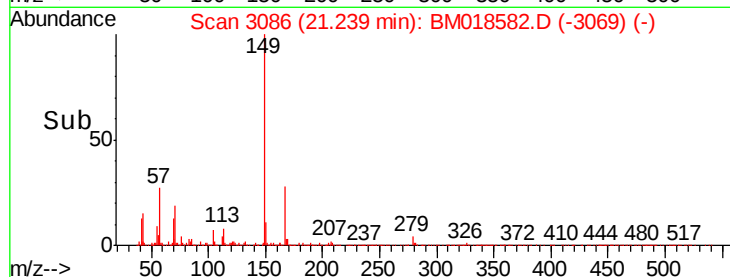
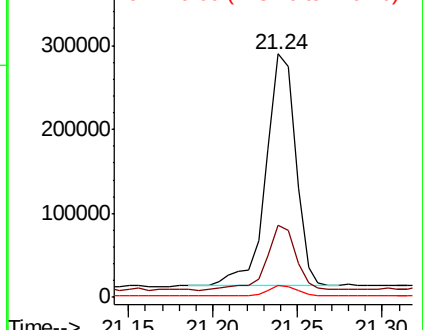


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.61 min Scan# 3489

Delta R.T. 0.00 min

Lab File: BM018582.D

Acq: 16 Jan 2019 14:26

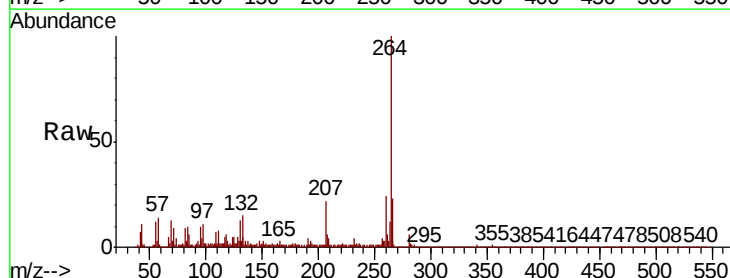
Tgt Ion:264 Resp: 1179193

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.9 16.8 25.2



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

