

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019937.D
 Acq On : 17 Apr 2019 14:22
 Operator : JU/SJ
 Sample : K2242-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 17 17:41:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

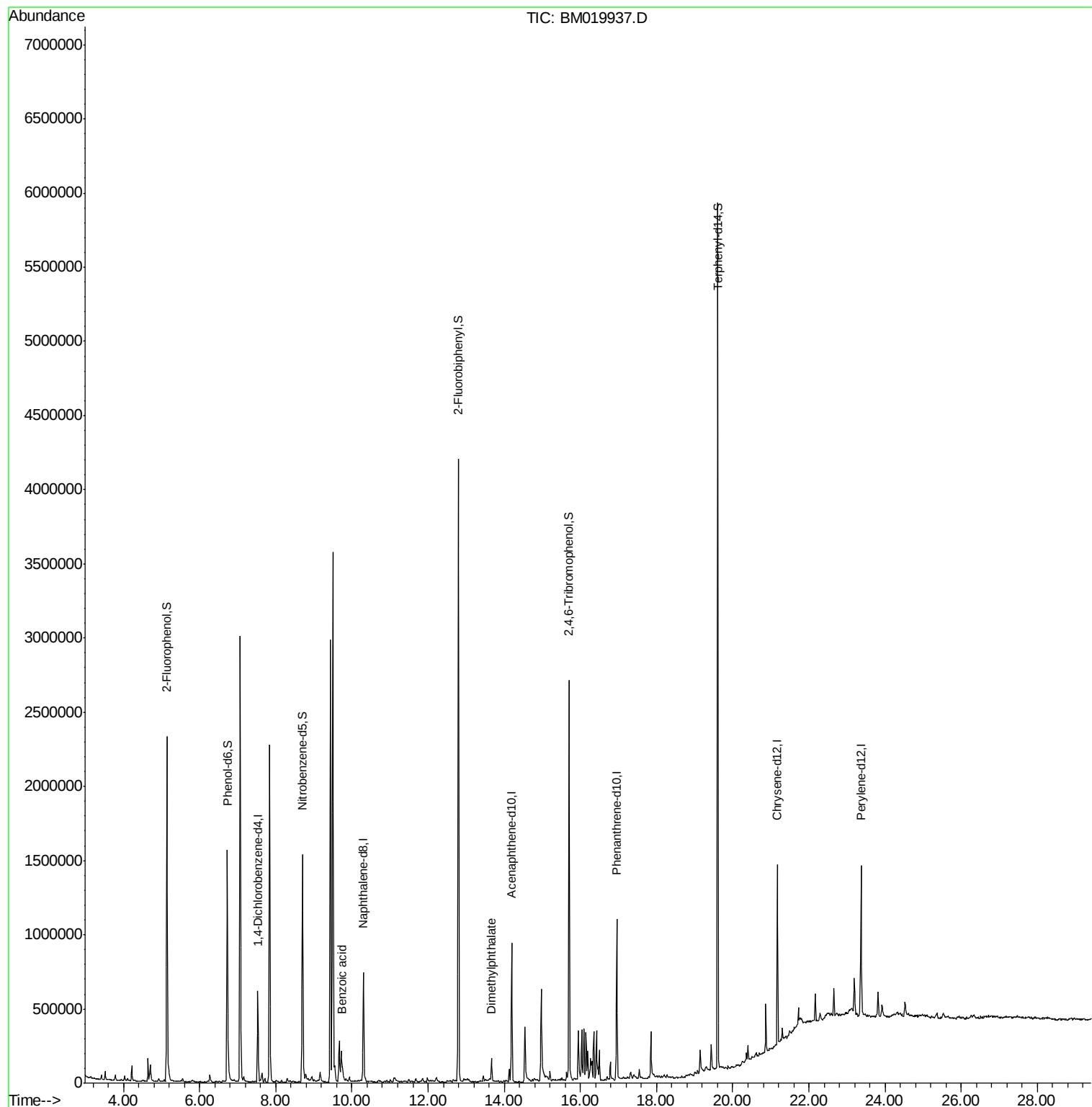
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	152691	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	574069	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	289911	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	551535	20.00	ng	0.00
76) Chrysene-d12	21.17	240	504506	20.00	ng	0.00
87) Perylene-d12	23.37	264	662019	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	956357	101.51	ng	0.00
7) Phenol-d6	6.73	99	1006913	71.01	ng	0.00
23) Nitrobenzene-d5	8.70	82	1021713	79.59	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	479290	102.70	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1937304	83.28	ng	0.00
79) Terphenyl-d14	19.60	244	2323248	81.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	5729	Below Cal		Qvalue # 75
32) Benzoic acid	9.73	122	1269	5.224 ng		# 75
50) Dimethylphthalate	13.67	163	94272	3.687 ng		99

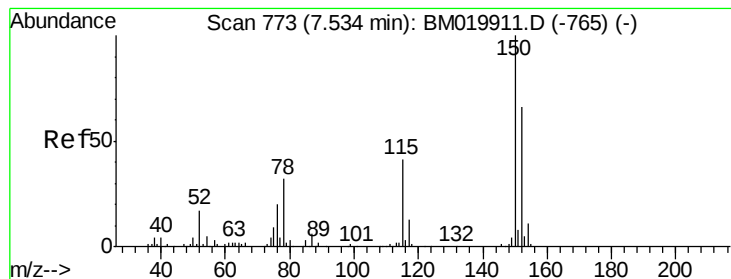
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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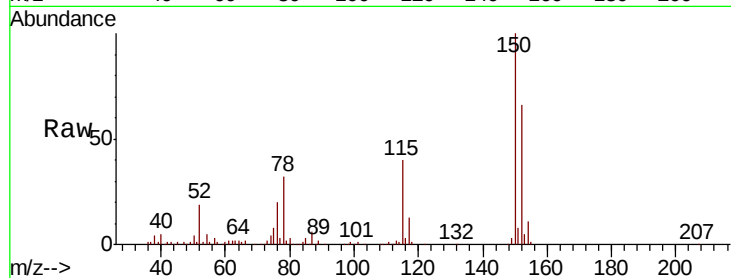


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019937.D
Acq: 17 Apr 2019 14:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.1	183.1
115	61.7	50.0	75.0

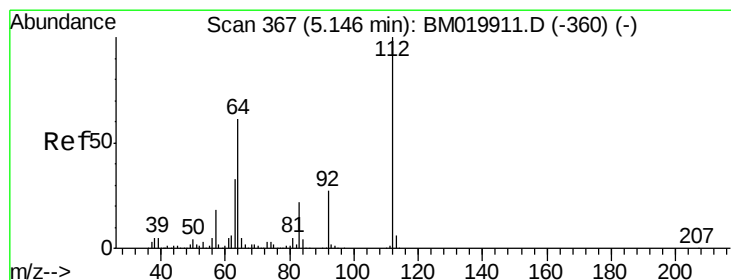
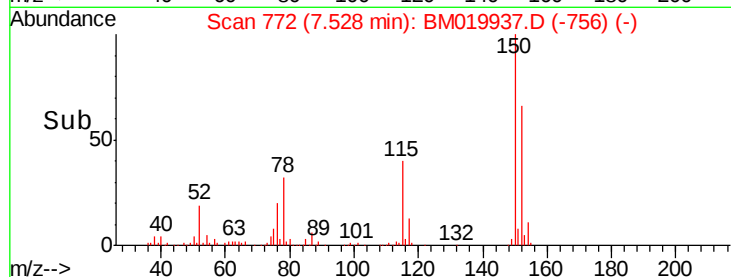
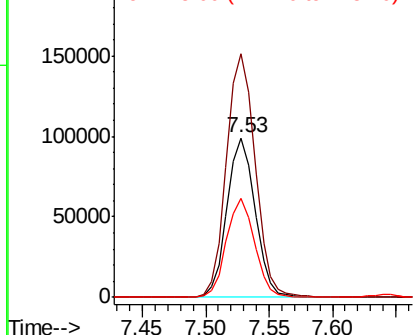


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

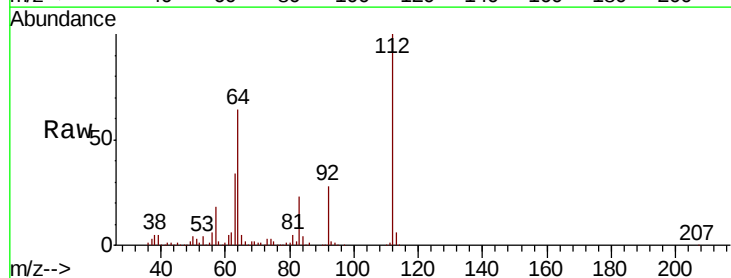
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.507 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019937.D
Acq: 17 Apr 2019 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	49.1	73.7
63	34.1	26.5	39.7

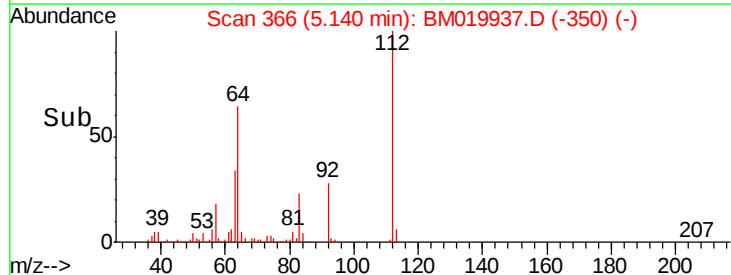
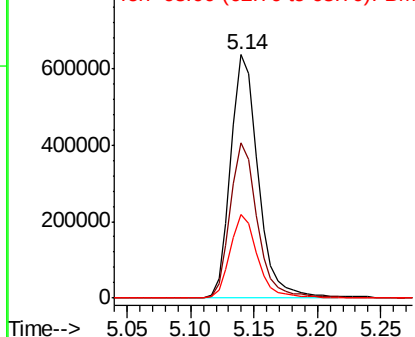


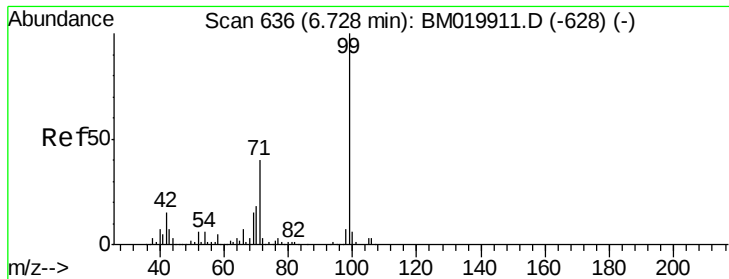
Abundance

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: 71.013 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019937.D

Acq: 17 Apr 2019 14:22

Instrument :

BNA_M

ClientSampleId :

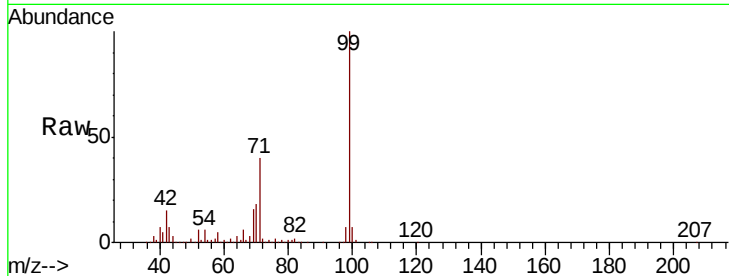
Tot Ion: 99 Resp: 1006913

Ion Ratio Lower Upper

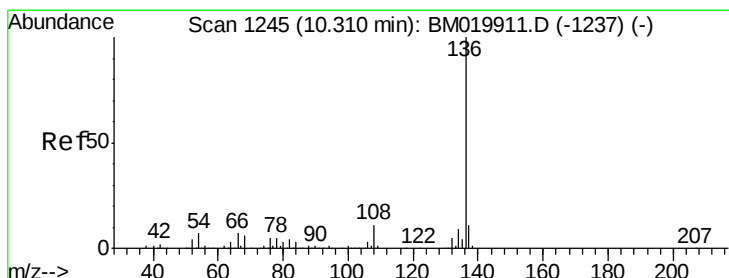
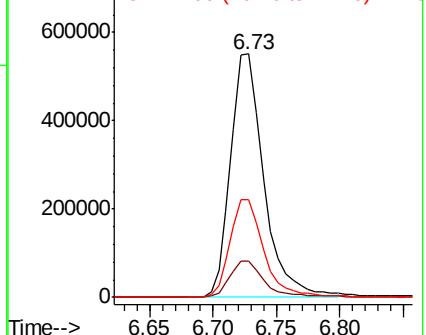
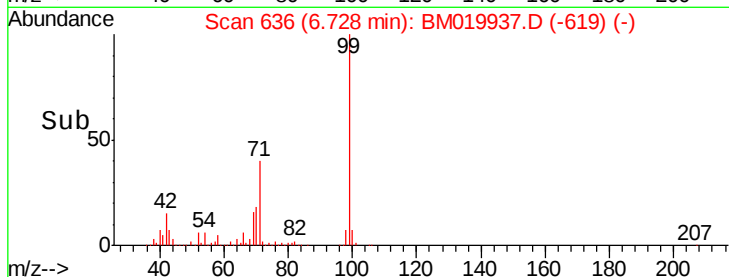
99 100

42 15.0 11.8 17.8

71 40.3 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019937.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019937.D

Acq: 17 Apr 2019 14:22

Tgt Ion: 136 Resp: 574069

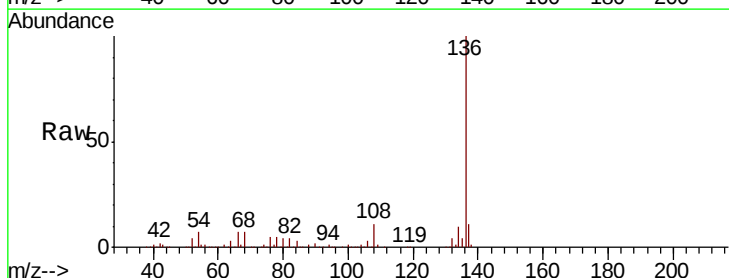
Ion Ratio Lower Upper

136 100

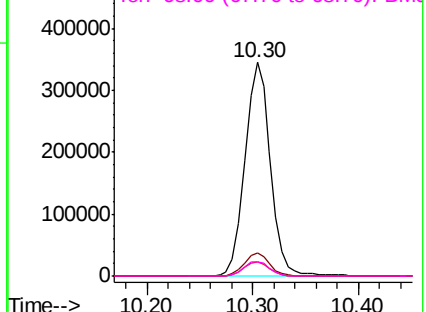
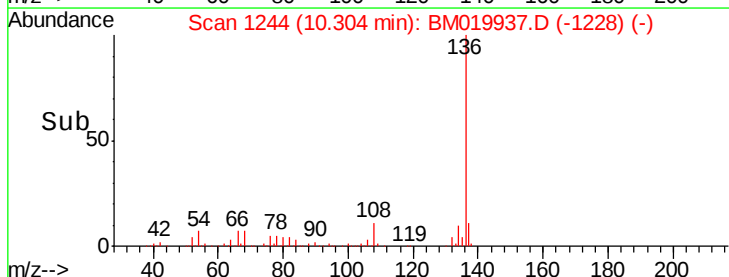
137 10.9 9.0 13.6

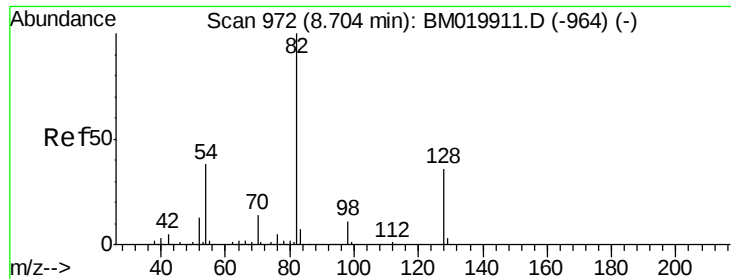
54 6.9 5.3 7.9

68 6.7 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BM019937.D (-1228) (-)

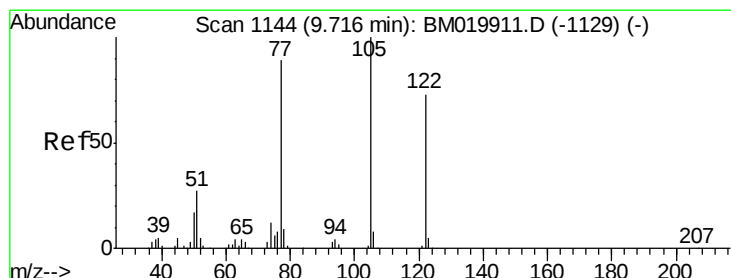
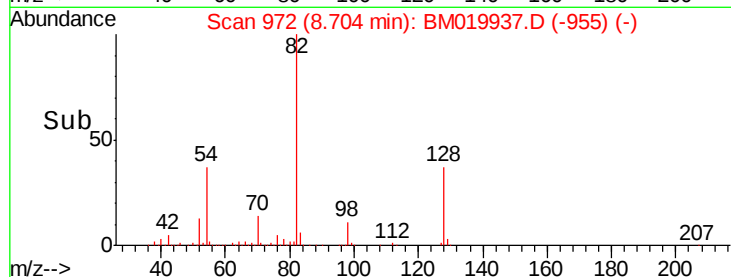
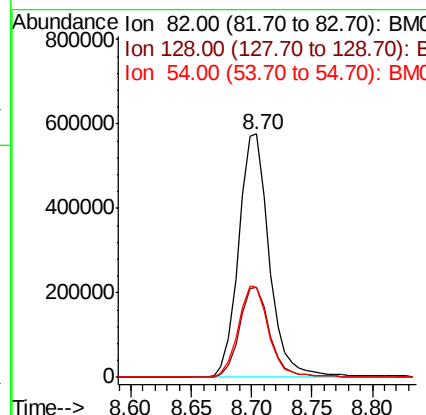
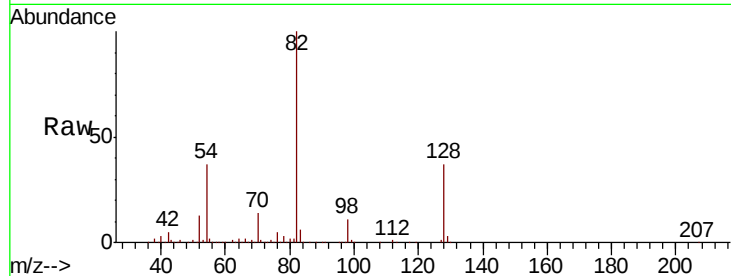




#23
 Nitrobenzene-d5
 Concen: 79.594 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019937.D
 Acq: 17 Apr 2019 14:22

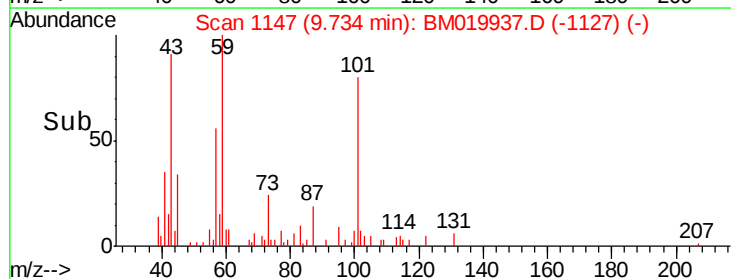
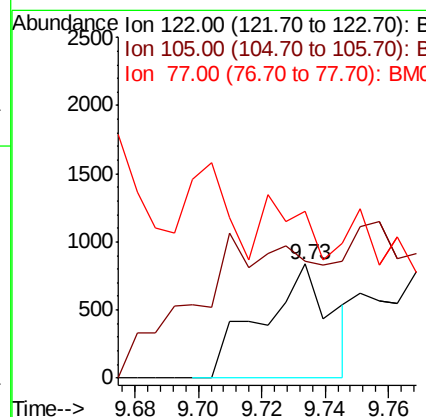
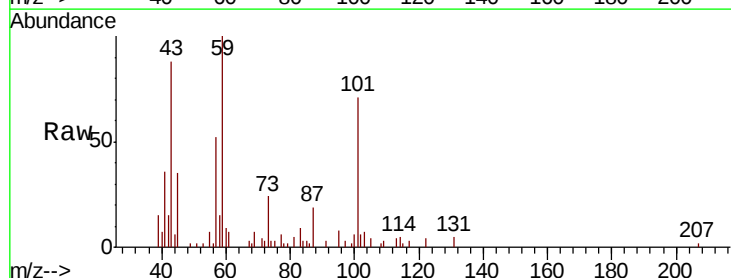
Instrument :
 BNA_M
 ClientSampleId :

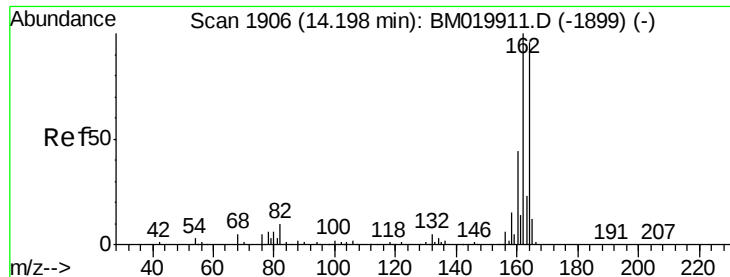
Tot Ion: 82 Resp: 1021713
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.0 43.4
 54 37.1 30.2 45.4



#32
 Benzoic acid
 Concen: 5.224 ng
 RT: 9.73 min Scan# 1147
 Delta R.T. 0.02 min
 Lab File: BM019937.D
 Acq: 17 Apr 2019 14:22

Tgt Ion:122 Resp: 1269
 Ion Ratio Lower Upper
 122 100
 105 102.7 114.8 154.8#
 77 145.6 100.2 140.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM019937.D

Acq: 17 Apr 2019 14:22

Instrument :

BNA_M

ClientSampleId :

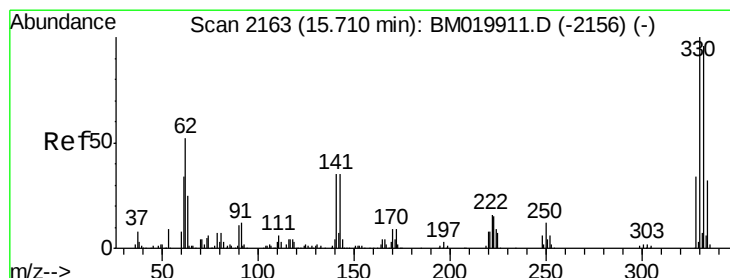
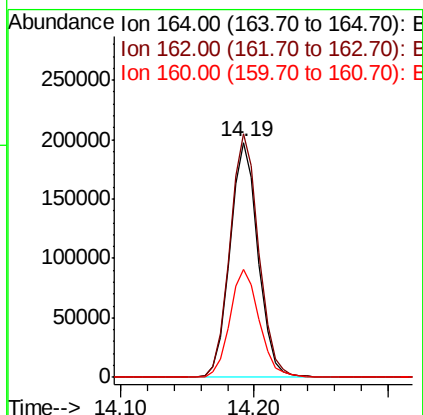
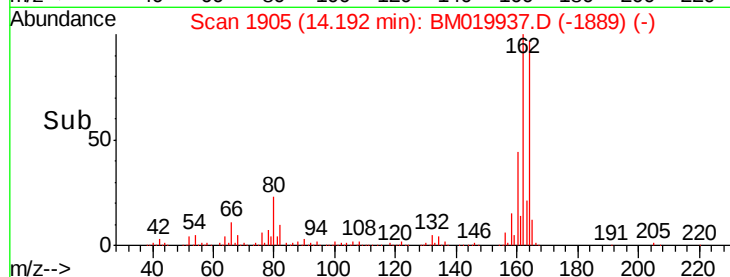
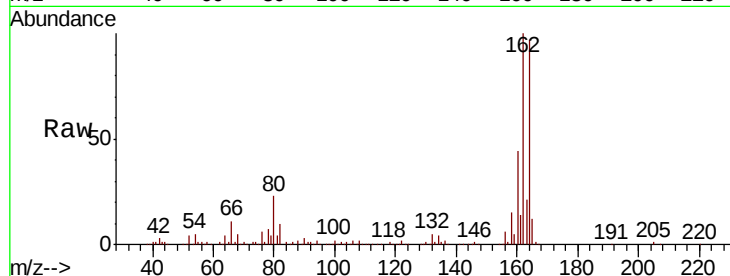
Tot Ion:164 Resp: 289911

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

160 46.0 36.6 55.0



#42

2,4,6-Tribromophenol

Concen: 102.703 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM019937.D

Acq: 17 Apr 2019 14:22

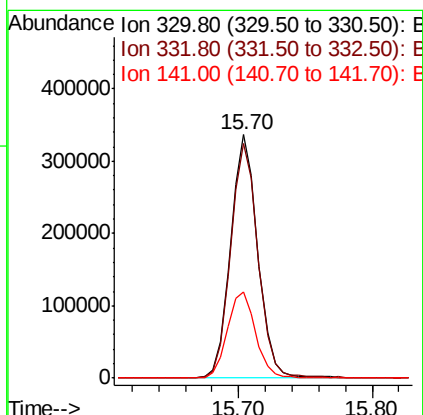
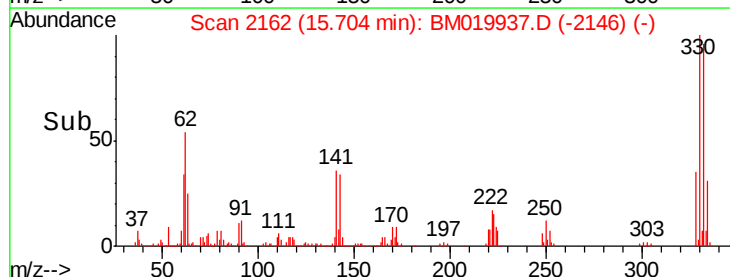
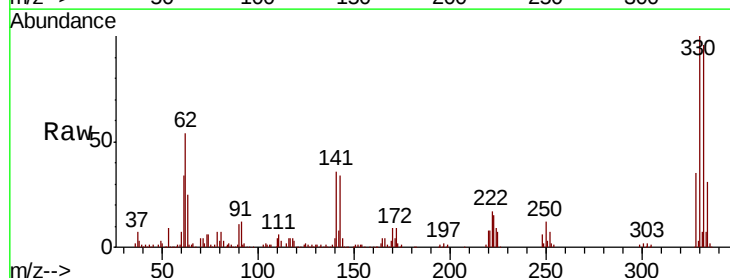
Tgt Ion:330 Resp: 479290

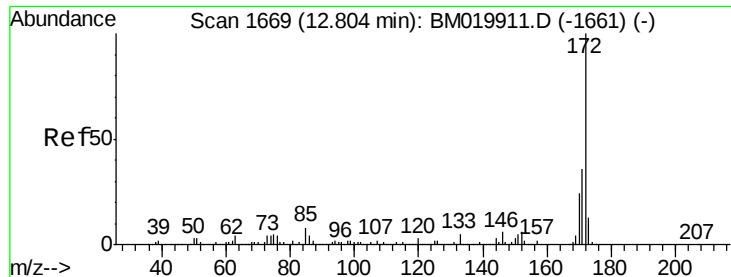
Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

141 37.2 29.0 43.4

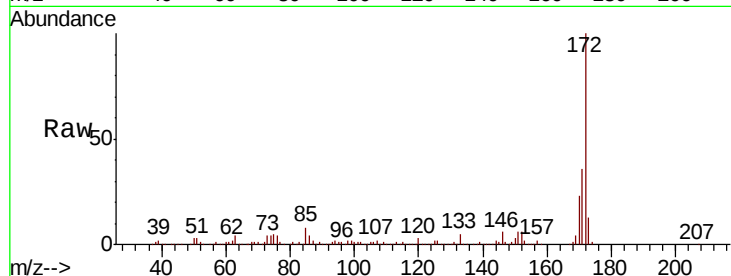




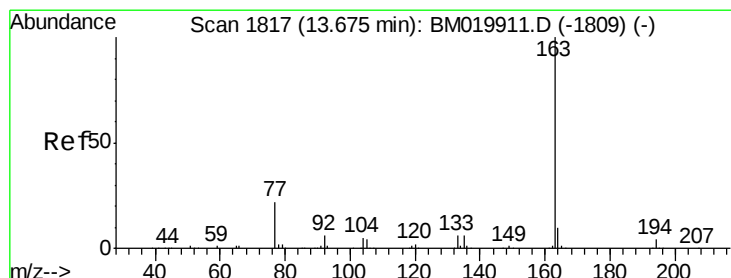
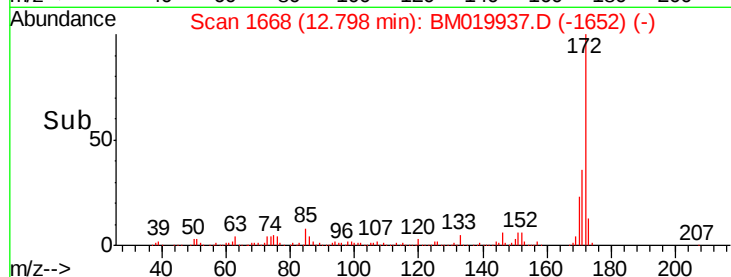
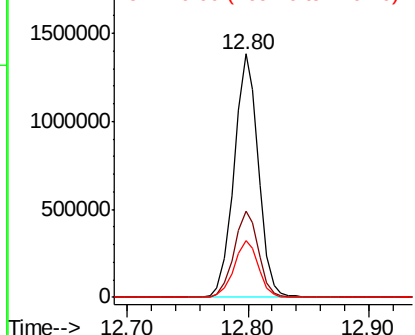
#45
2-Fluorobiphenyl
Concen: 83.278 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM019937.D
Acq: 17 Apr 2019 14:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1937304
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.4 19.0 28.4

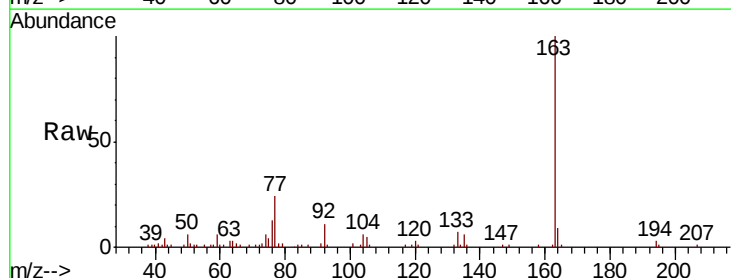


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

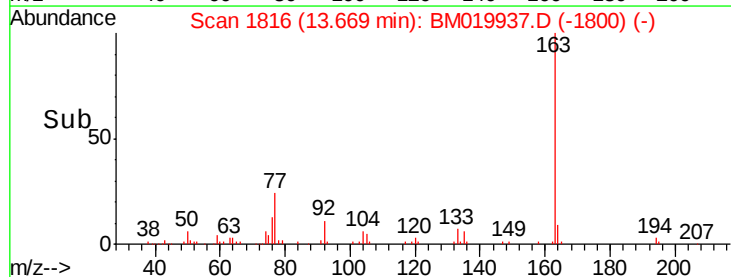
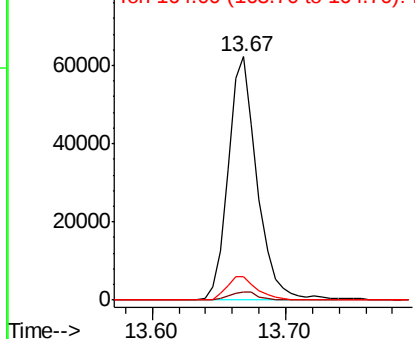


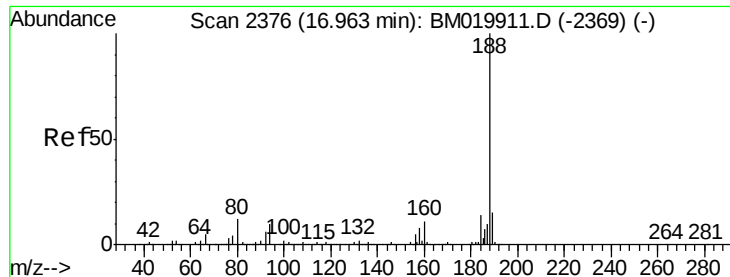
#50
Dimethylphthalate
Concen: 3.687 ng
RT: 13.67 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM019937.D
Acq: 17 Apr 2019 14:22

Tgt Ion:163 Resp: 94272
Ion Ratio Lower Upper
163 100
194 3.3 3.1 4.7
164 9.4 7.9 11.9



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

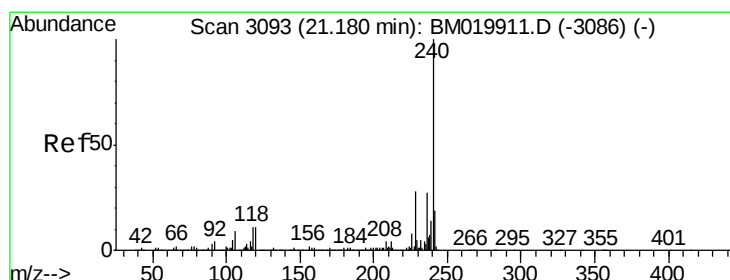
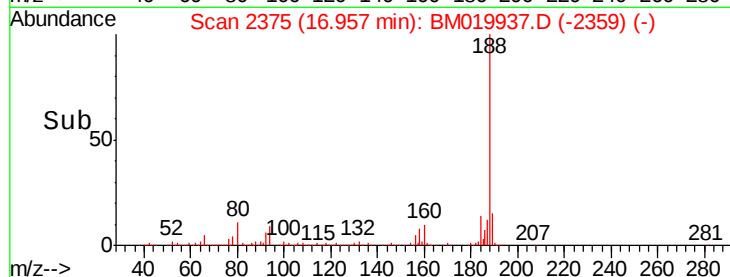
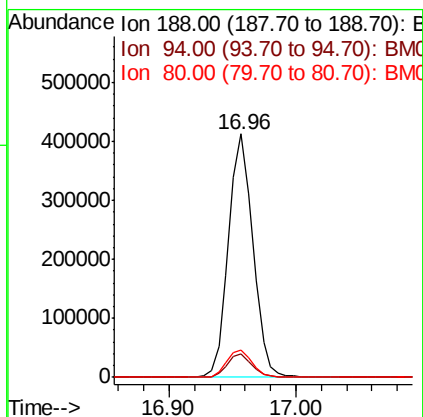
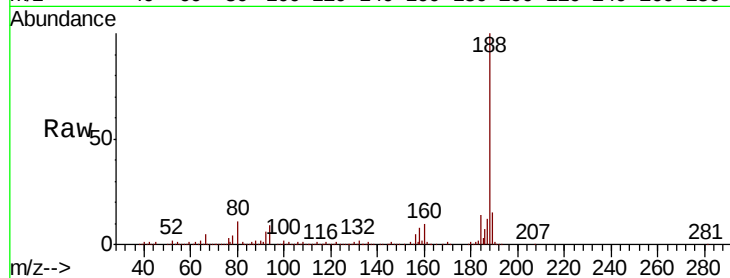




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BM019937.D
Acq: 17 Apr 2019 14:22

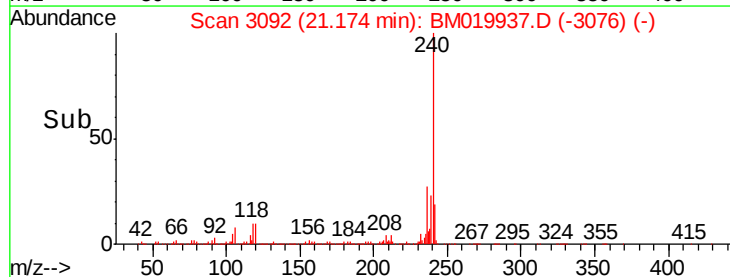
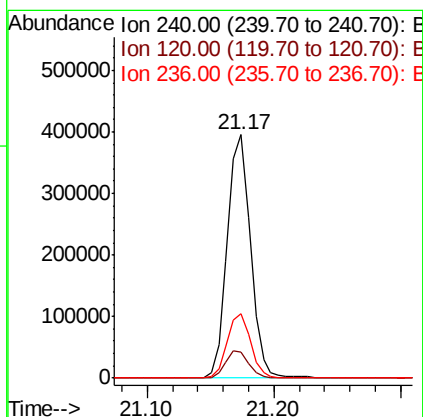
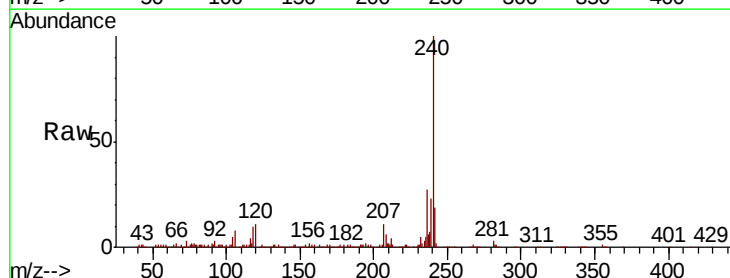
Instrument :
BNA_M
ClientSampled :

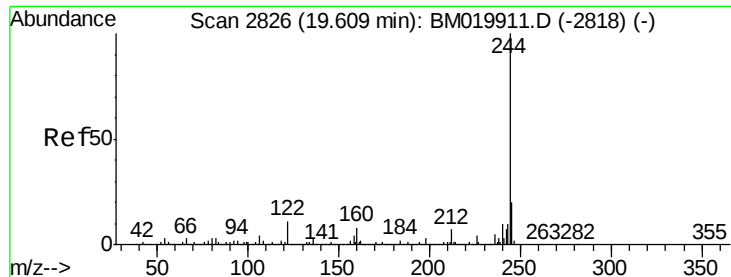
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	11.3	9.4	14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019937.D
Acq: 17 Apr 2019 14:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	13.0
236	26.5	21.4	32.2





#79

Terphenyl-d14

Concen: 81.224 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019937.D

Acq: 17 Apr 2019 14:22

Instrument :

BNA_M

ClientSampled :

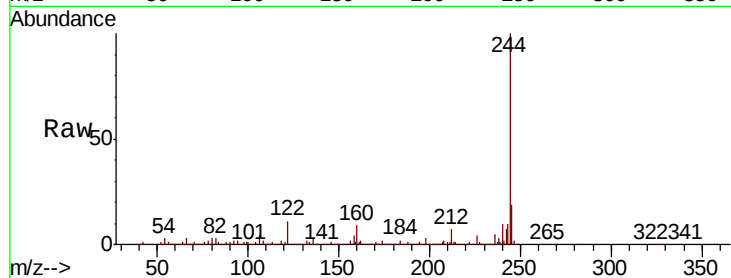
Tot Ion:244 Resp: 2323248

Ion Ratio Lower Upper

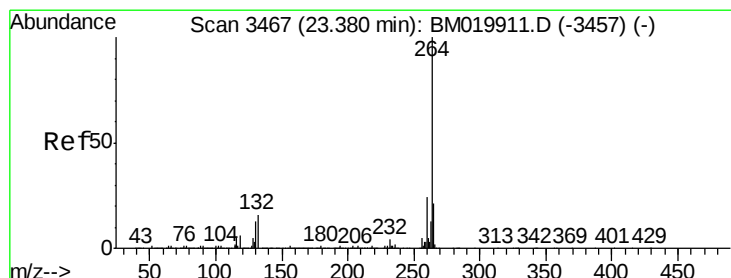
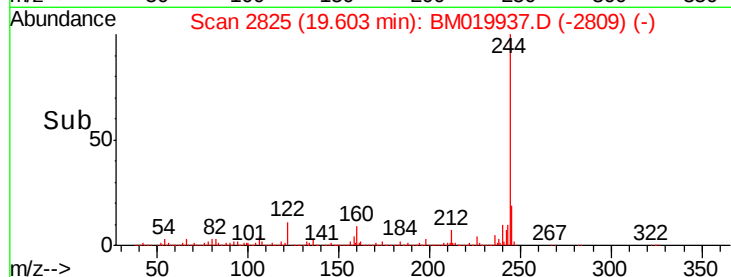
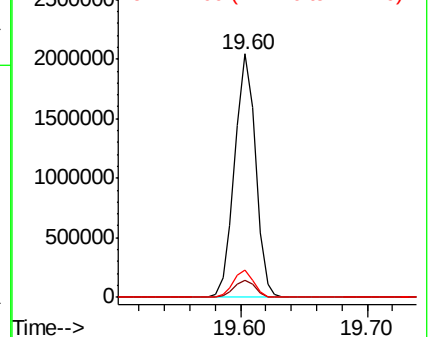
244 100

212 7.1 5.7 8.5

122 11.1 9.1 13.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM019937.D

Acq: 17 Apr 2019 14:22

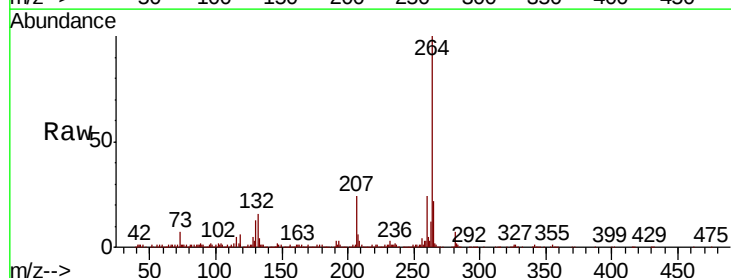
Tgt Ion:264 Resp: 662019

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.1 17.2 25.8



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

