

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022512.D
 Acq On : 03 Sep 2019 20:47
 Operator : HP/JU
 Sample : K4563-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CIW-6S-(0-4)

Quant Time: Sep 04 02:03:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

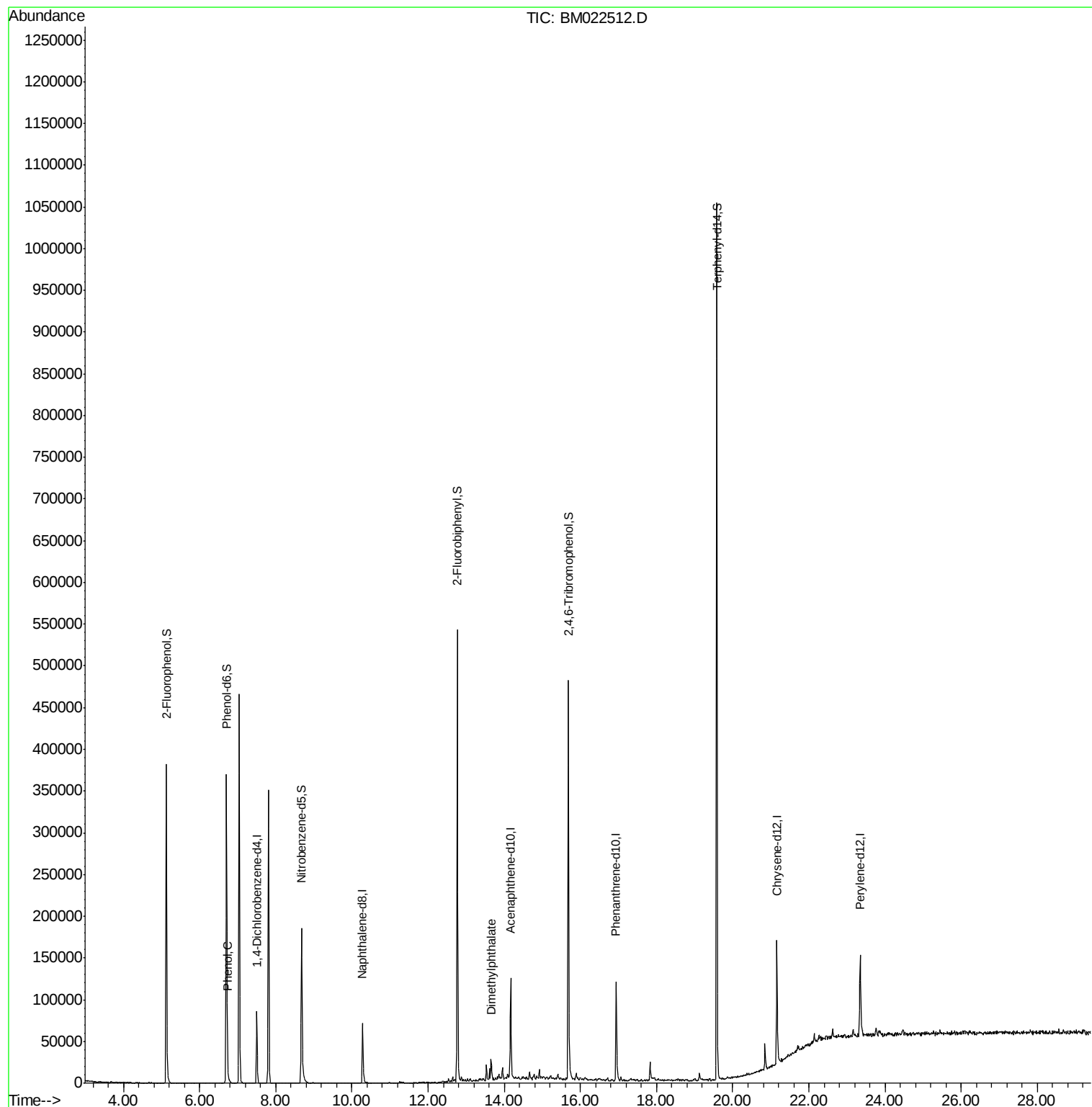
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	18302	20.00	ng	-0.01
21) Naphthalene-d8	10.28	136	61110	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	38054	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	78809	20.00	ng	0.00
76) Chrysene-d12	21.16	240	81674	20.00	ng	0.00
87) Perylene-d12	23.34	264	84793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	124812	119.71	ng	0.00
7) Phenol-d6	6.70	99	154759	110.99	ng	0.00
23) Nitrobenzene-d5	8.68	82	116426	83.45	ng	0.00
42) 2,4,6-Tribromophenol	15.68	330	72852	93.56	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	234633	69.85	ng	0.00
79) Terphenyl-d14	19.58	244	433780	70.09	ng	0.00
Target Compounds						
10) Phenol	6.73	94	3804	2.716	ng	Qvalue 82
50) Dimethylphthalate	13.66	163	14482	4.376	ng	# 95

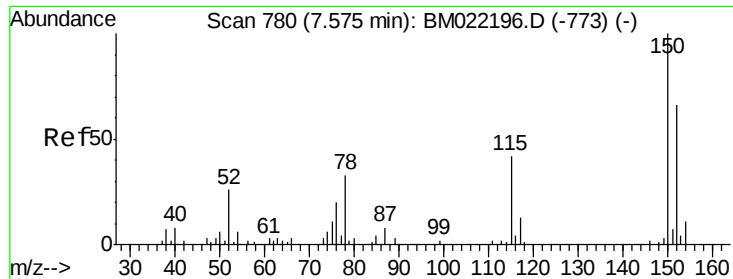
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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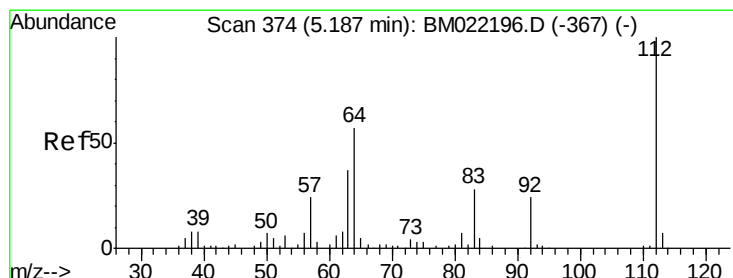
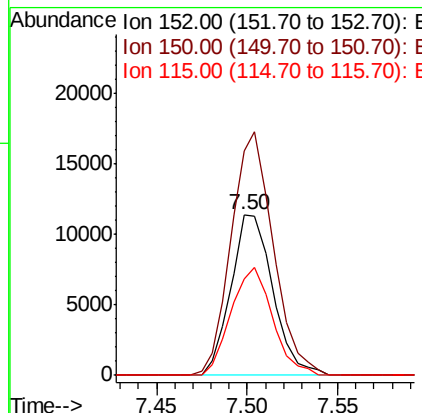
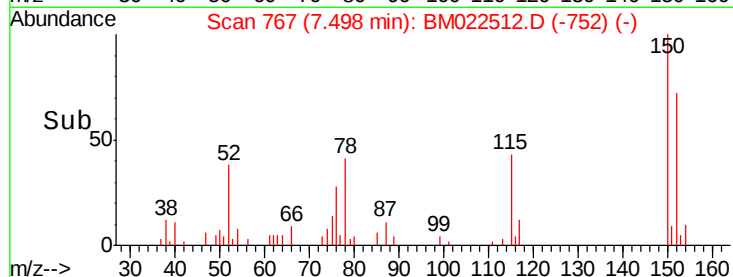
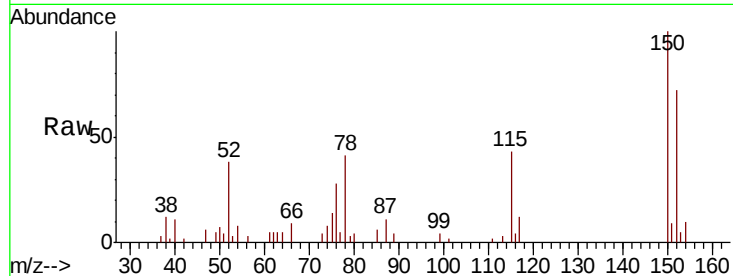


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BM022512.D
 Acq: 03 Sep 2019 20:47

Instrument :
 BNA_M
 ClientSampleId :
 CIW-6S-(0-4)

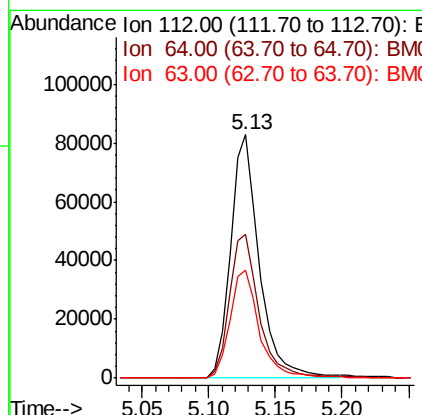
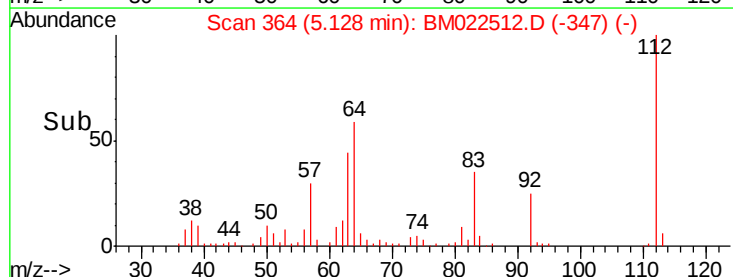
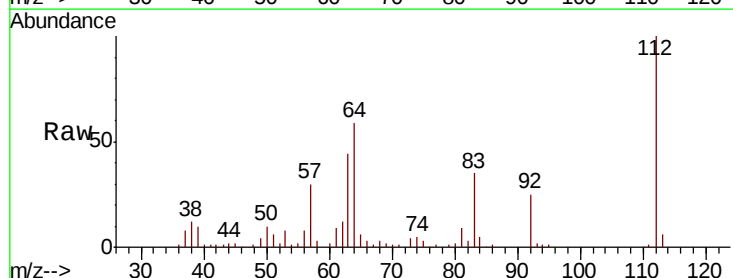
Tot Ion:152 Resp: 18302
 Ion Ratio Lower Upper
 152 100
 150 139.7 125.4 188.0
 115 60.0 50.3 75.5



#5

2-Fluorophenol
 Concen: 119.706 ng
 RT: 5.13 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: BM022512.D
 Acq: 03 Sep 2019 20:47

Tgt Ion:112 Resp: 124812
 Ion Ratio Lower Upper
 112 100
 64 58.8 45.4 68.2
 63 44.3 34.5 51.7





#7

Phenol-d6

Concen: 110.994 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022512.D

Acq: 03 Sep 2019 20:47

Instrument :

BNA_M

ClientSampleId :

CIW-6S-(0-4)

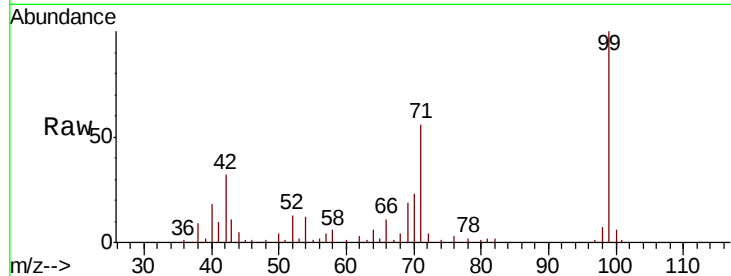
Tot Ion: 99 Resp: 154759

Ion Ratio Lower Upper

99 100

42 31.8 26.3 39.5

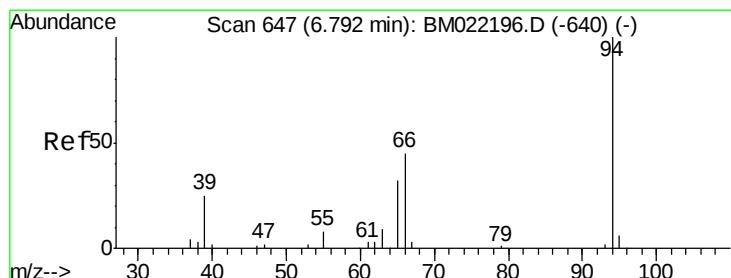
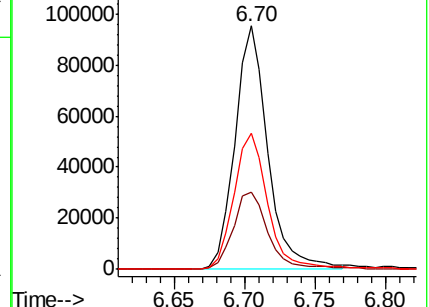
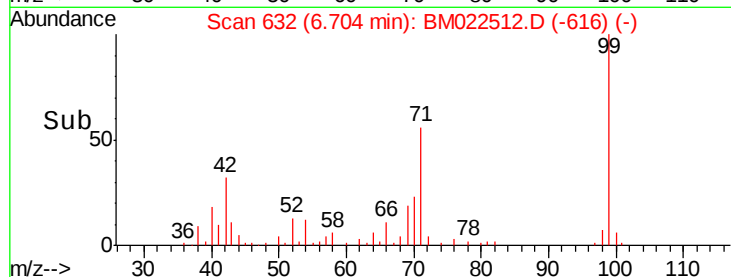
71 55.8 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#10

Phenol

Concen: 2.716 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM022512.D

Acq: 03 Sep 2019 20:47

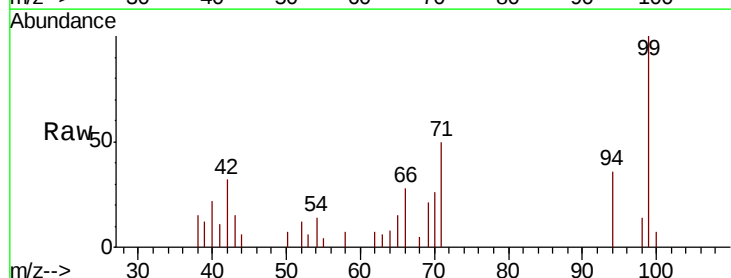
Tgt Ion: 94 Resp: 3804

Ion Ratio Lower Upper

94 100

65 41.2 17.7 57.7

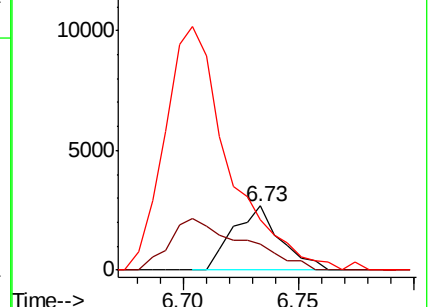
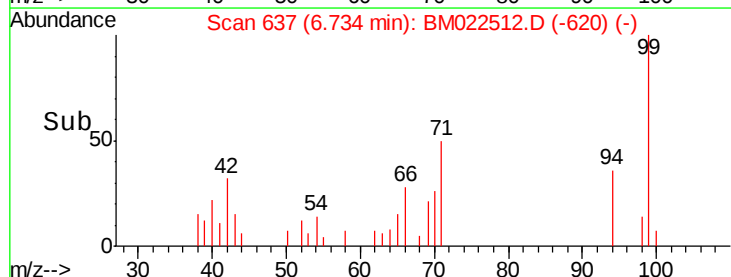
66 79.0 39.6 79.6

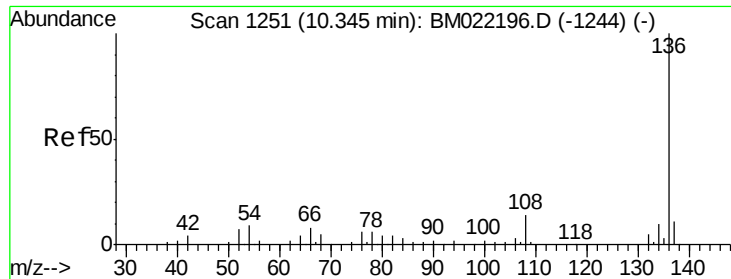


Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-640) (-)

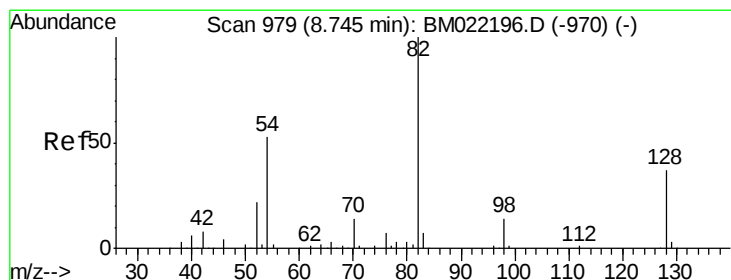
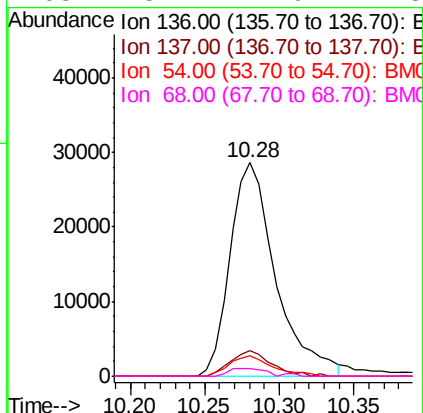
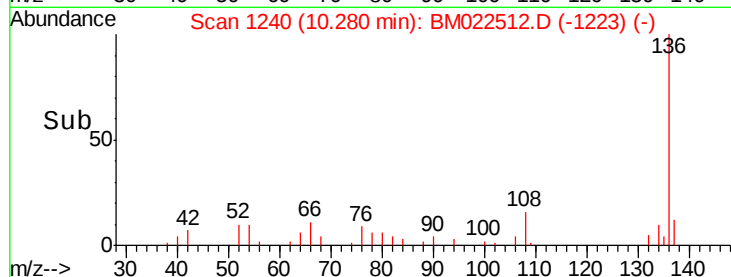
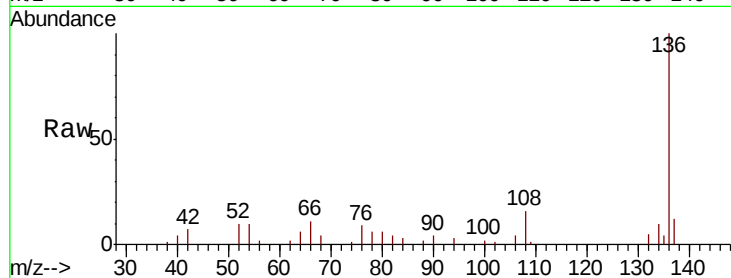




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.28 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BM022512.D
Acq: 03 Sep 2019 20:47

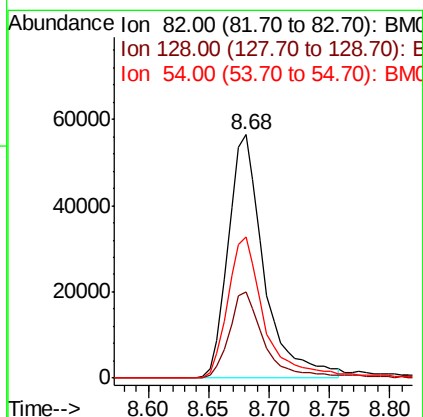
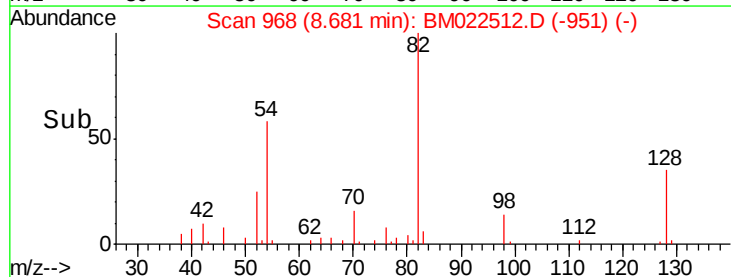
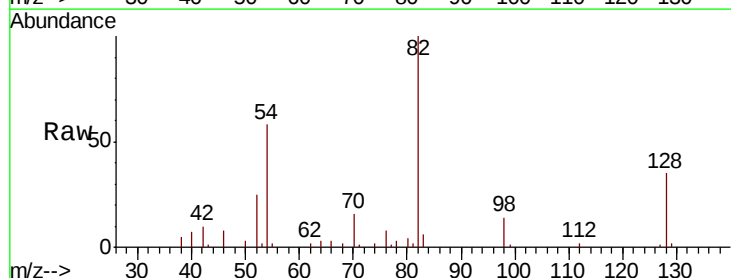
Instrument :
BNA_M
ClientSampleId :
CIW-6S-(0-4)

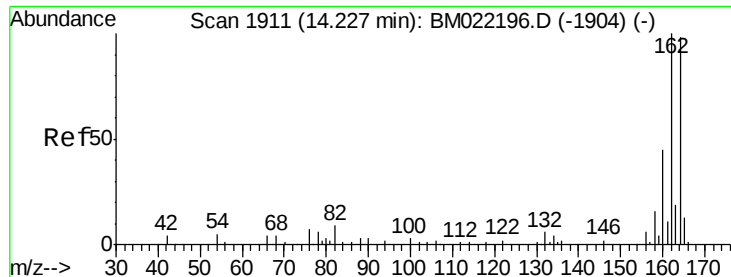
Tot Ion:136	Resp:	61110
Ion Ratio	Lower	Upper
136 100		
137 12.2	8.6	13.0
54 9.7	7.0	10.6
68 3.7	2.9	4.3



#23
Nitrobenzene-d5
Concen: 83.448 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM022512.D
Acq: 03 Sep 2019 20:47

Tgt Ion: 82	Resp: 116426
Ion Ratio	Lower Upper
82 100	
128 35.3	27.9 41.9
54 57.9	45.2 67.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BM022512.D

Acq: 03 Sep 2019 20:47

Instrument :

BNA_M

ClientSampleId :

CIW-6S-(0-4)

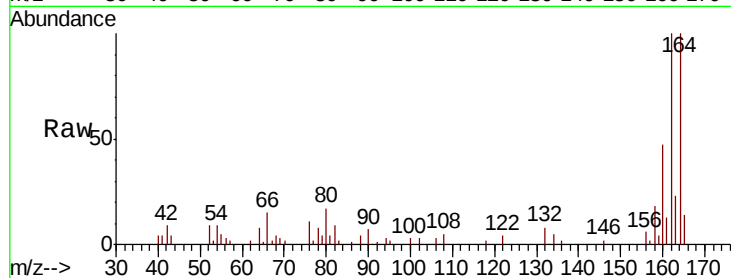
Tot Ion:164 Resp: 38054

Ion Ratio Lower Upper

164 100

162 100.4 80.6 121.0

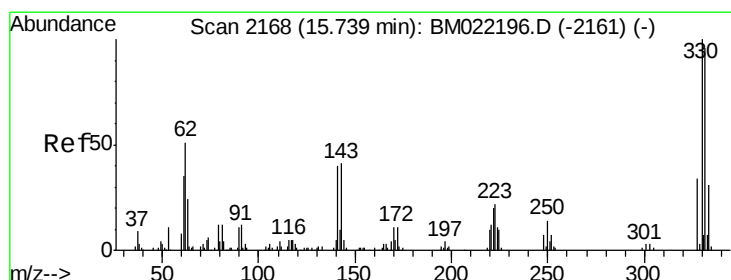
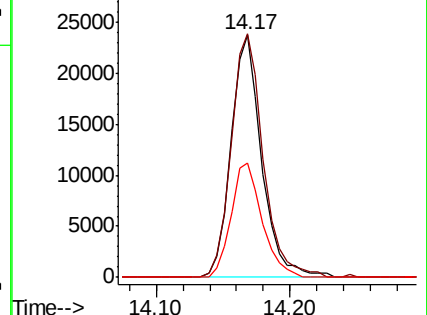
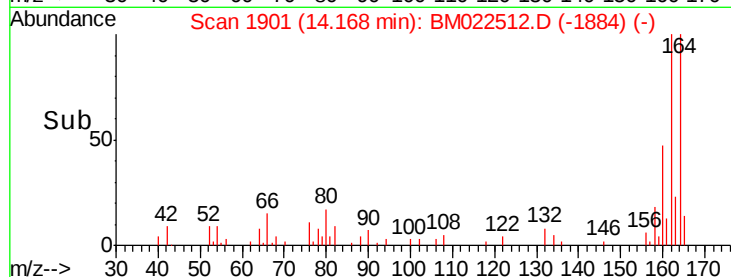
160 47.2 37.3 55.9



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: 93.557 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM022512.D

Acq: 03 Sep 2019 20:47

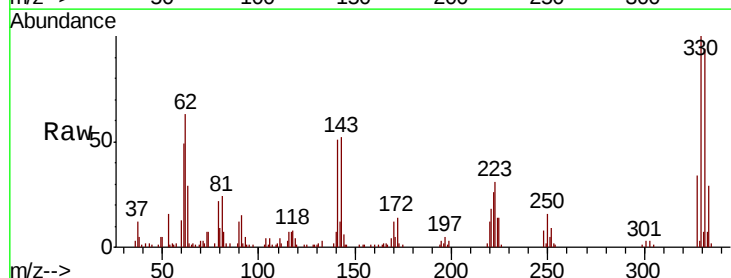
Tgt Ion:330 Resp: 72852

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.8

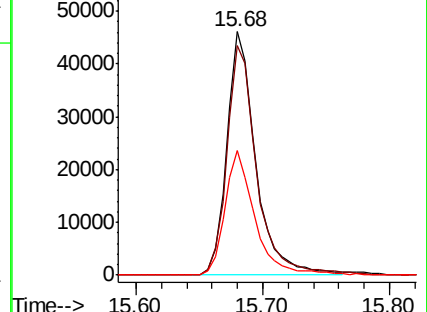
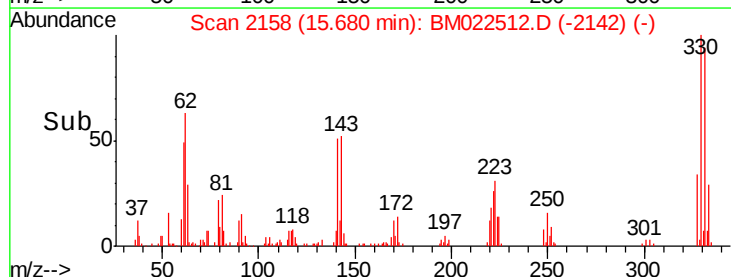
141 52.7 35.6 53.4

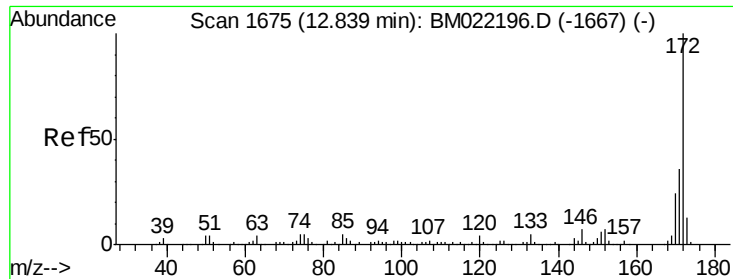


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

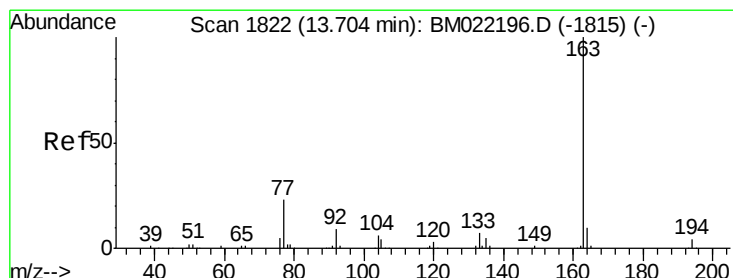
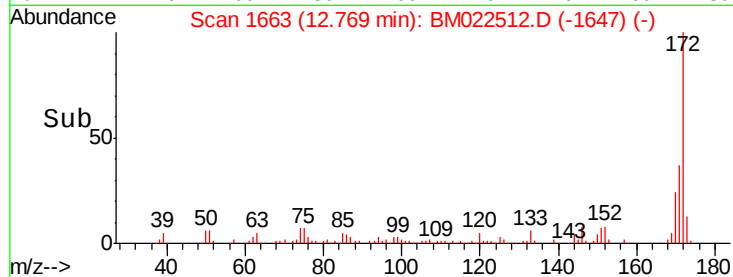
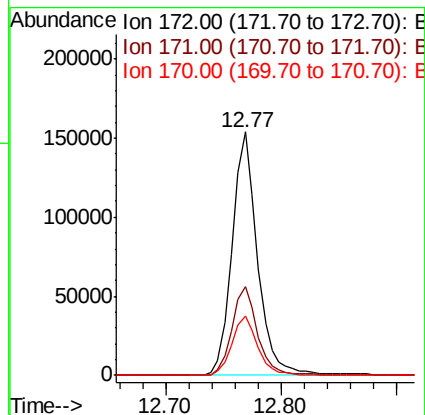
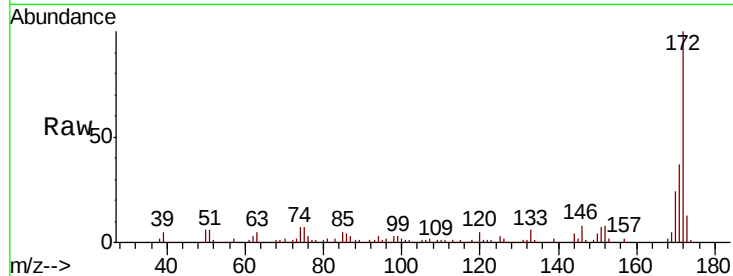




#45
 2-Fluorobiphenyl
 Concen: 69.849 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM022512.D
 Acq: 03 Sep 2019 20:47

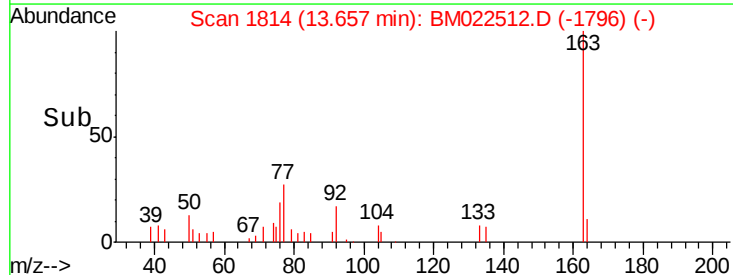
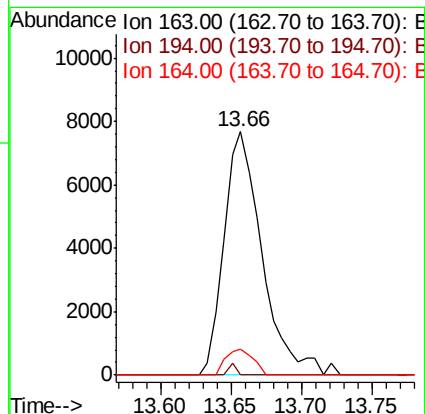
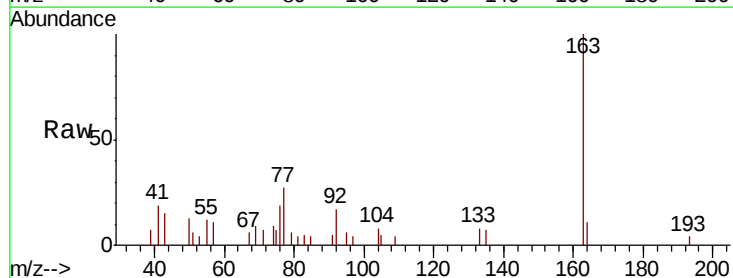
Instrument :
 BNA_M
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 CIW-6S-(0-4)

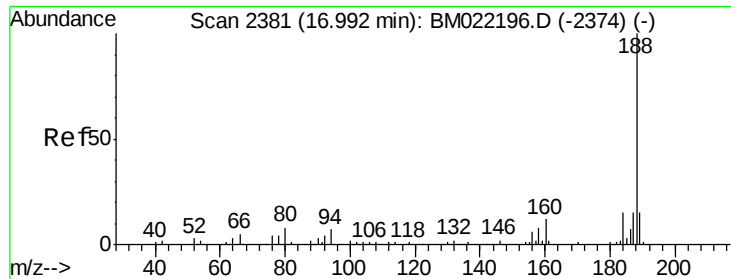
Tot Ion:172	Resp:	234633
Ion	Ratio	Lower Upper
172	100	
171	36.6	28.5 42.7
170	24.4	18.9 28.3



#50
 Dimethylphthalate
 Concen: 4.376 ng
 RT: 13.66 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BM022512.D
 Acq: 03 Sep 2019 20:47

Tgt Ion:163	Resp:	14482
Ion	Ratio	Lower Upper
163	100	
194	0.0	3.4 5.2#
164	10.6	8.2 12.2

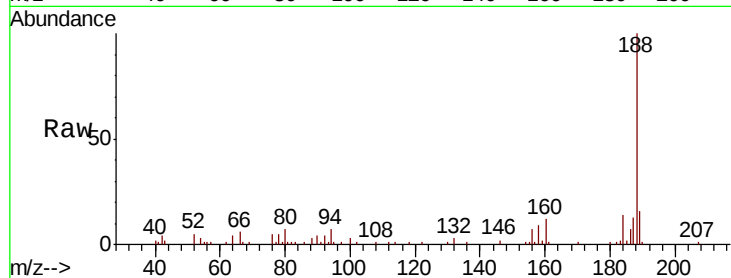




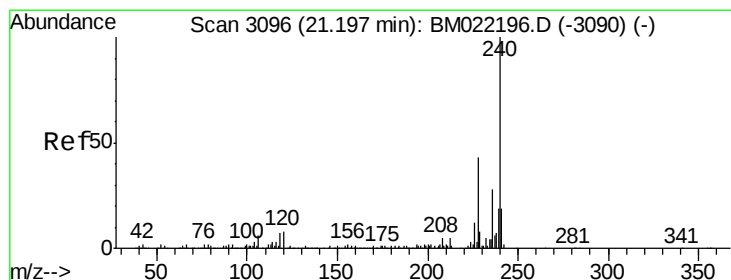
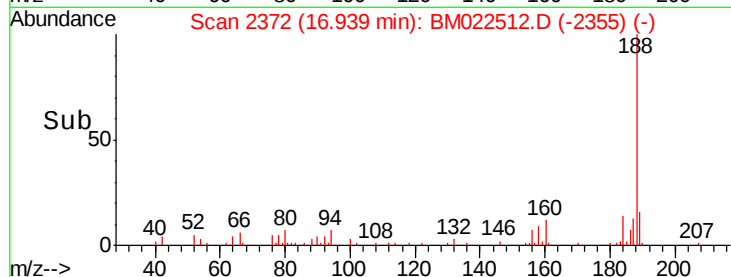
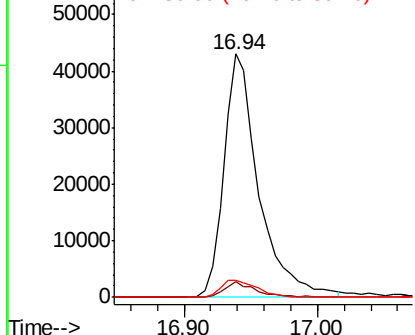
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BM022512.D
Acq: 03 Sep 2019 20:47

Instrument :
BNA_M
ClientSampleId :
CIW-6S-(0-4)

Tot Ion:188 Resp: 78809
Ion Ratio Lower Upper
188 100
94 6.6 4.4 6.6#
80 7.2 5.0 7.6

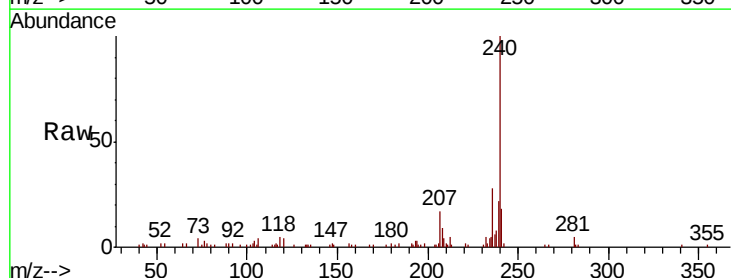


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

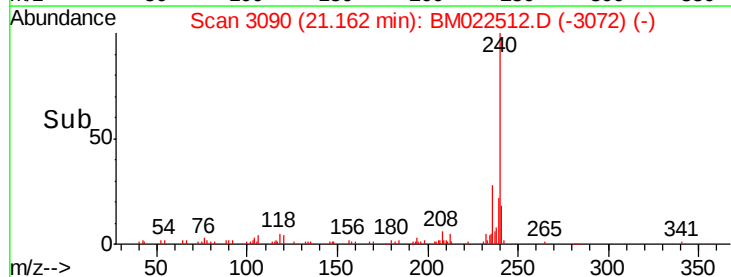
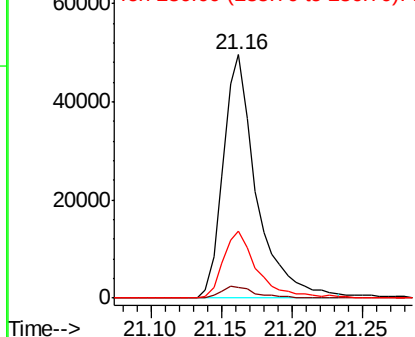


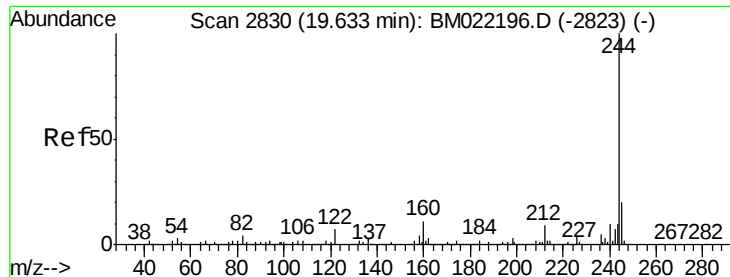
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022512.D
Acq: 03 Sep 2019 20:47

Tgt Ion:240 Resp: 81674
Ion Ratio Lower Upper
240 100
120 4.5 3.9 5.9
236 27.6 21.4 32.2



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





#79

Terphenyl-d14

Concen: 70.093 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022512.D

Acq: 03 Sep 2019 20:47

Instrument :

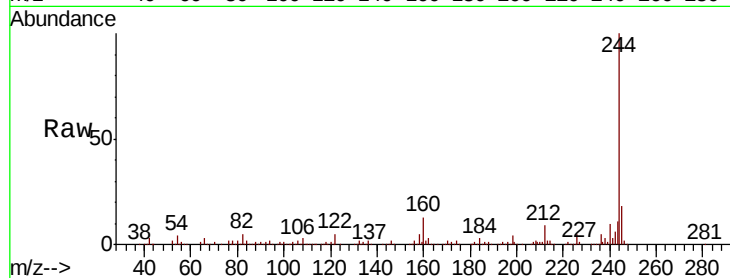
BNA_M

ClientSampleId :

CIW-6S-(0-4)

Tot Ion:244 Resp: 433780

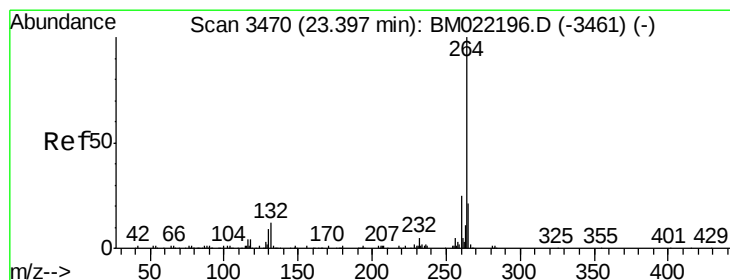
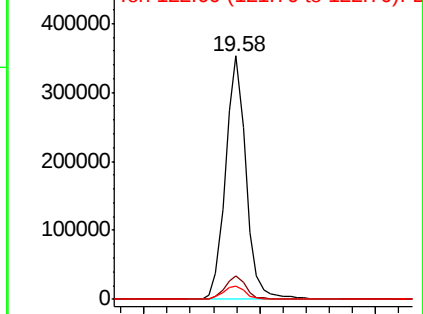
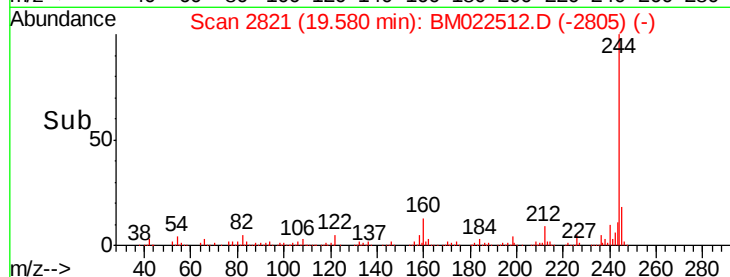
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.4
122	5.4	3.9	5.9



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: 23.34 min Scan# 3461

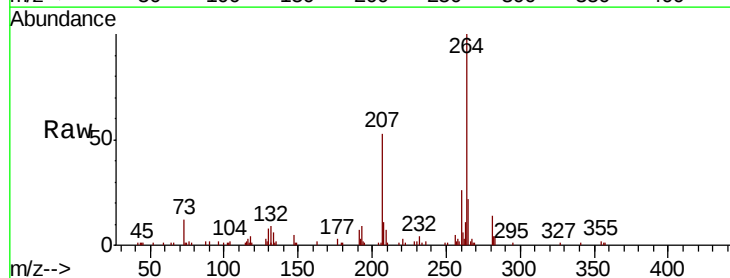
Delta R.T. -0.00 min

Lab File: BM022512.D

Acq: 03 Sep 2019 20:47

Tgt Ion:264 Resp: 84793

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	22.4	18.2	27.2



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

