

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032119\
 Data File : BM019297.D
 Acq On : 21 Mar 2019 19:08
 Operator : JU/SJ
 Sample : K2036-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-20190319

Quant Time: Mar 22 04:44:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

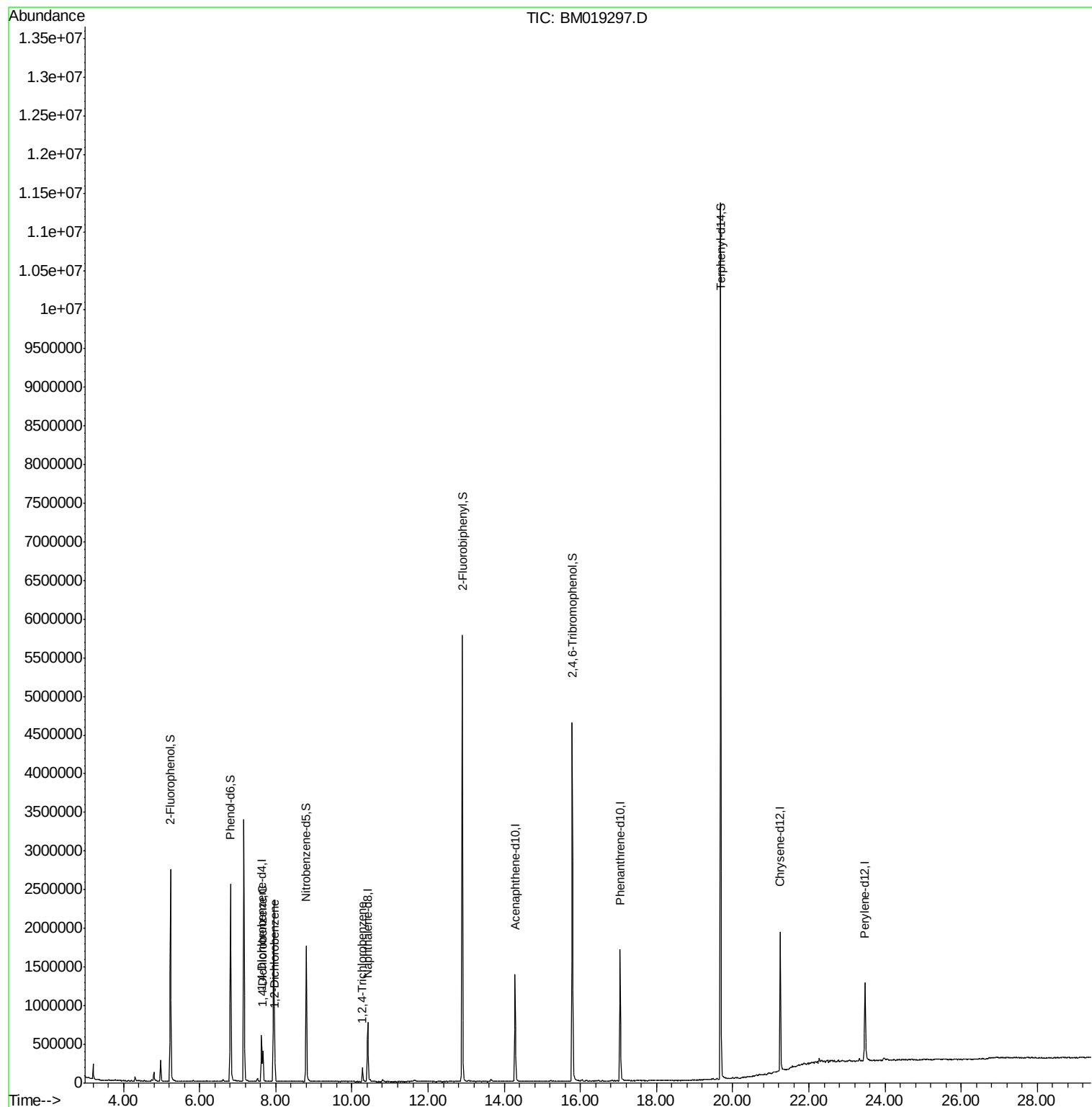
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	159106	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	663719	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	441892	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1025758	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	854705	20.00	ng	-0.03
87) Perylene-d12	23.47	264	761740	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1154850	117.55	ng	-0.02
7) Phenol-d6	6.81	99	1551185	107.94	ng	-0.04
23) Nitrobenzene-d5	8.80	82	1164384	82.93	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	940303	144.12	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	2878411	84.73	ng	-0.04
79) Terphenyl-d14	19.69	244	4964759	115.32	ng	-0.02
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	7.66	146	155635	12.218	ng	97
14) 1,2-Dichlorobenzene	7.97	146	101194	8.166	ng	98
30) 1,2,4-Trichlorobenzene	10.27	180	70857	6.305	ng	97

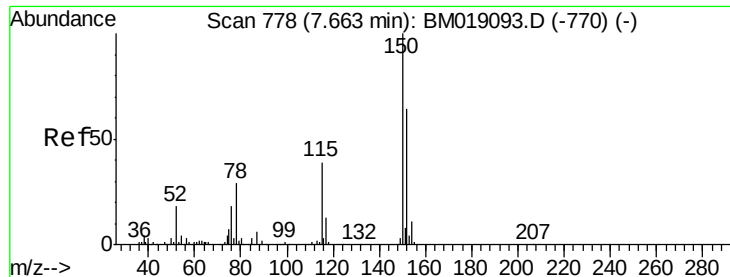
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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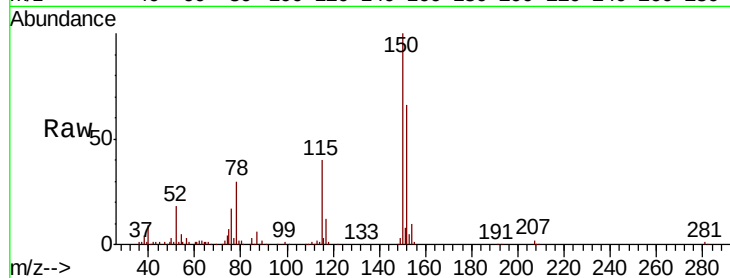


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019297.D
Acq: 21 Mar 2019 19:08

Instrument :
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ClientSampleId :
WC-20190319

Tgt Ion	Resp	Lower	Upper
152	100		
150	150.8	125.3	187.9
115	60.0	49.4	74.0

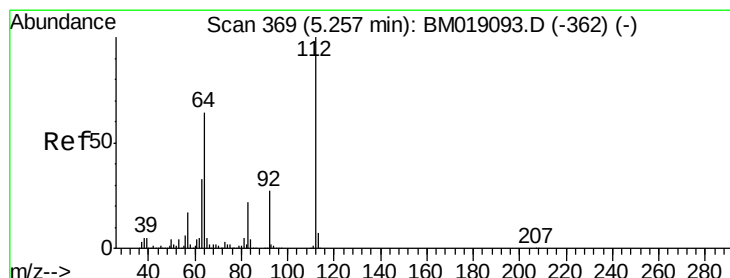
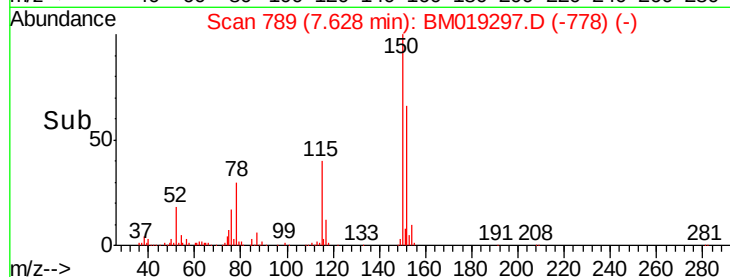
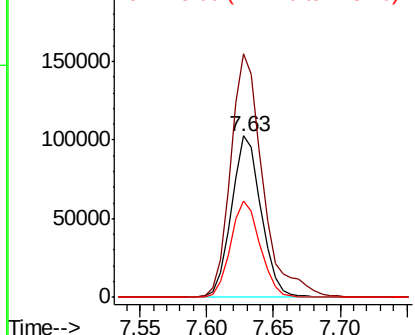


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

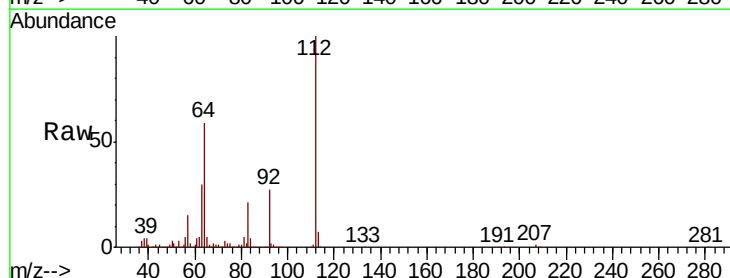
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.548 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019297.D
Acq: 21 Mar 2019 19:08

Tgt Ion	Resp	Lower	Upper
112	100		
64	58.9	51.4	77.0
63	30.1	26.6	40.0

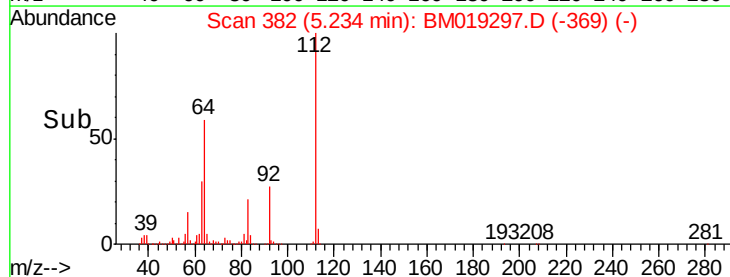
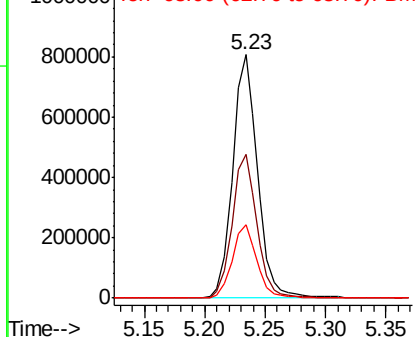


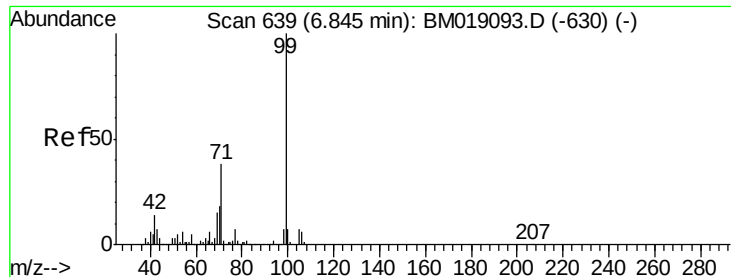
Abundance

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: 107.943 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.04 min

Lab File: BM019297.D

Acq: 21 Mar 2019 19:08

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BNA_M

ClientSampleId :

WC-20190319

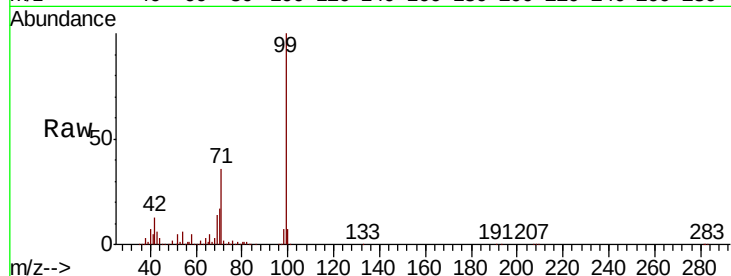
Tgt Ion: 99 Resp: 1551185

Ion Ratio Lower Upper

99 100

42 13.2 10.9 16.3

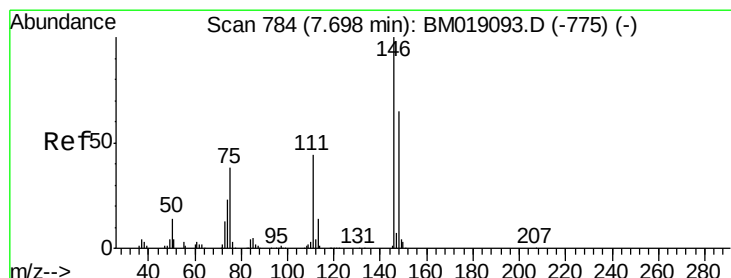
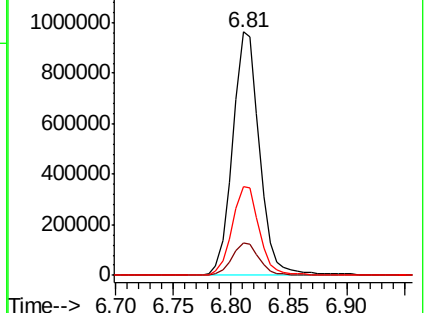
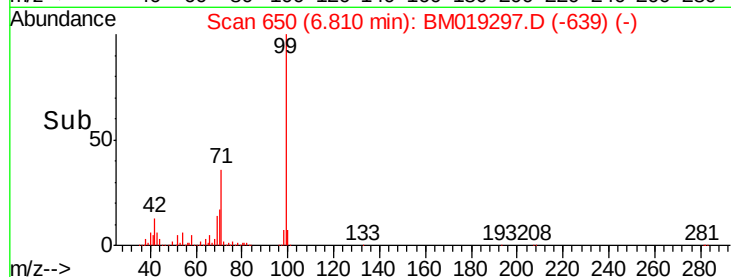
71 36.3 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019297.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019297.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019297.D (-639) (-)



#13

1,4-Dichlorobenzene

Concen: 12.218 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.04 min

Lab File: BM019297.D

Acq: 21 Mar 2019 19:08

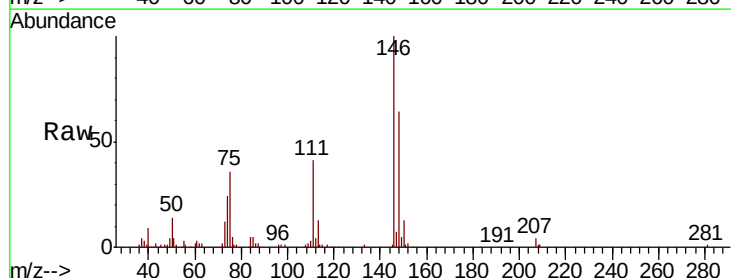
Tgt Ion: 146 Resp: 155635

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

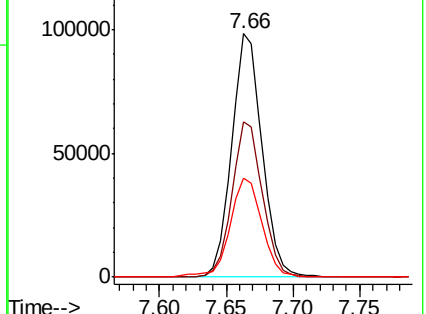
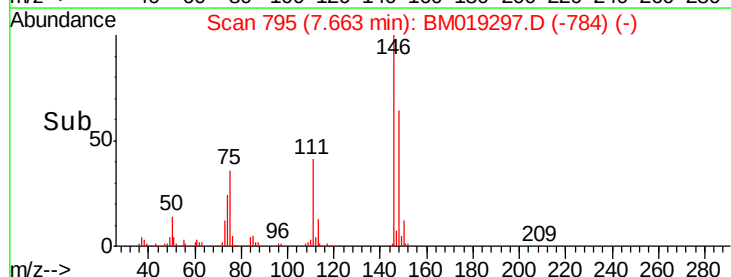
111 40.8 35.4 53.0

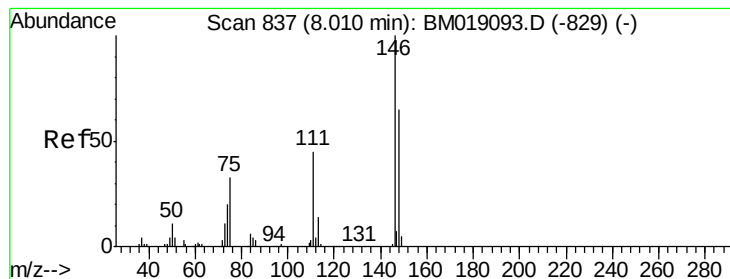


Abundance Ion 146.00 (145.70 to 146.70): BM019297.D (-784) (-)

Ion 148.00 (147.70 to 148.70): BM019297.D (-784) (-)

Ion 111.00 (110.70 to 111.70): BM019297.D (-784) (-)





#14

1,2-Dichlorobenzene

Concen: 8.166 ng

RT: 7.97 min Scan# 848

Delta R.T. -0.04 min

Lab File: BM019297.D

Acq: 21 Mar 2019 19:08

Instrument :

BNA_M

ClientSampleId :

WC-20190319

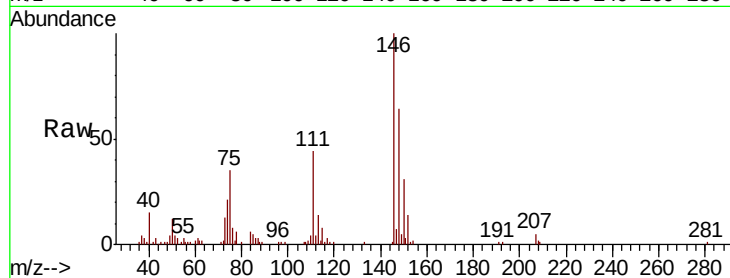
Tgt Ion:146 Resp: 101194

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

111 43.8 36.2 54.4

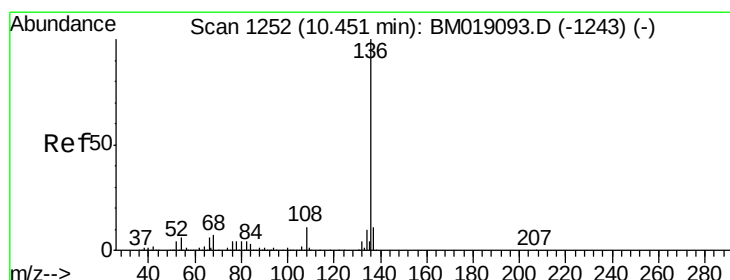
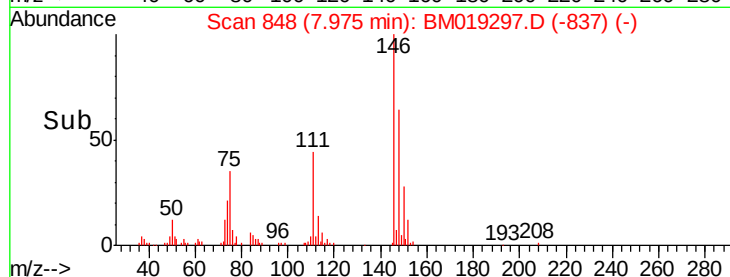
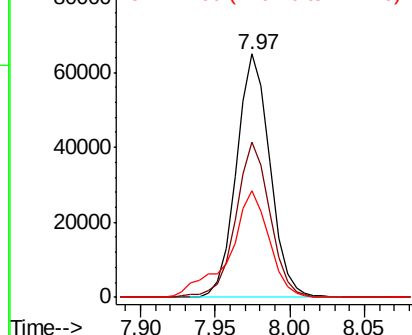


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM019297.D

Acq: 21 Mar 2019 19:08

Tgt Ion:136 Resp: 663719

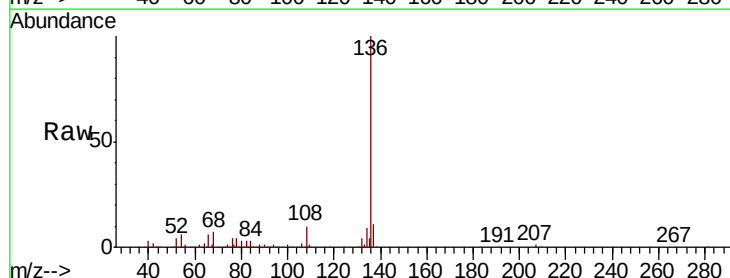
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.3 5.2 7.8

68 7.0 5.8 8.8



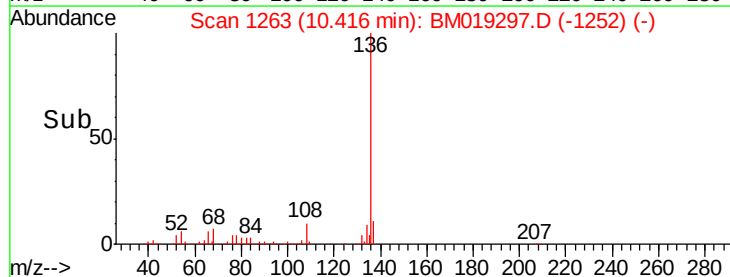
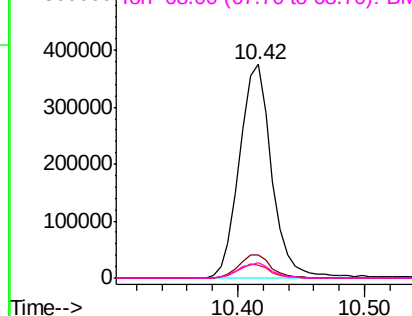
Abundance

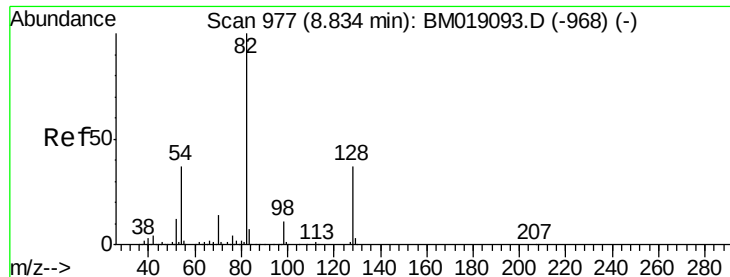
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

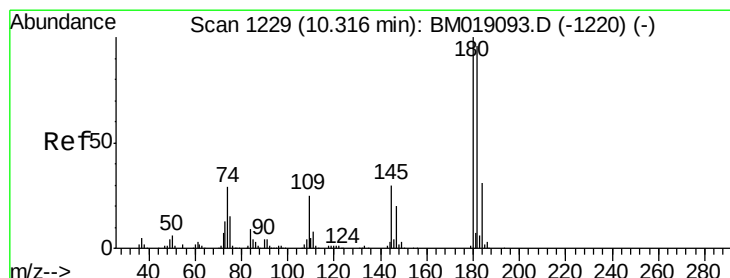
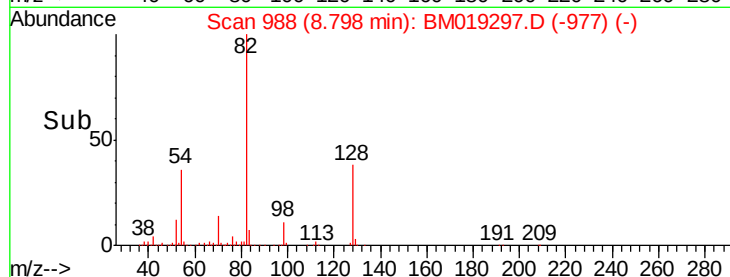
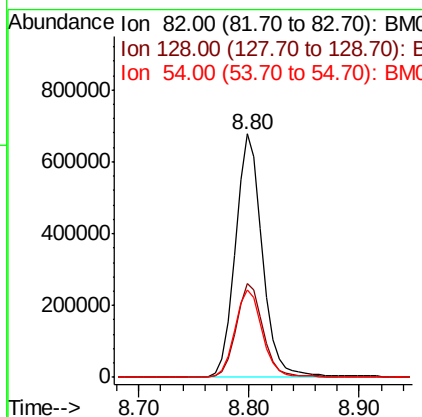
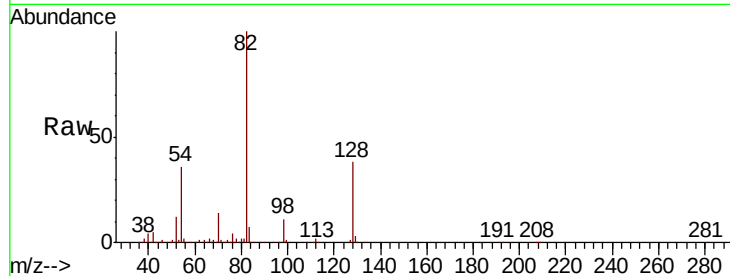




#23
 Nitrobenzene-d5
 Concen: 82.928 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BM019297.D
 Acq: 21 Mar 2019 19:08

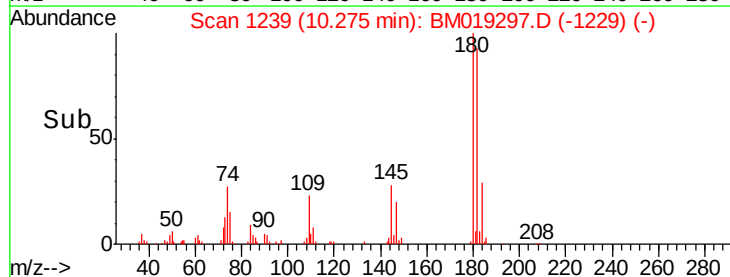
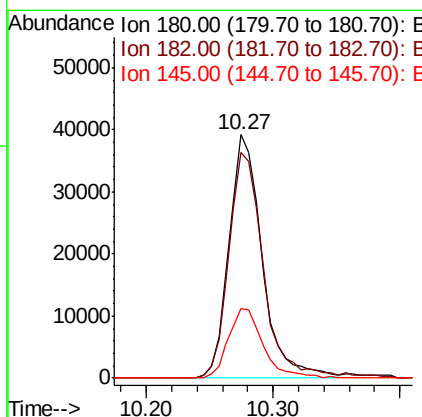
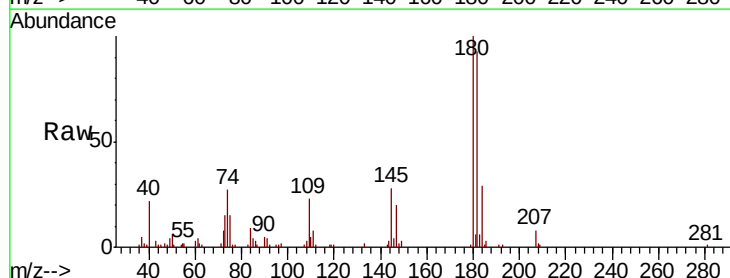
Instrument :
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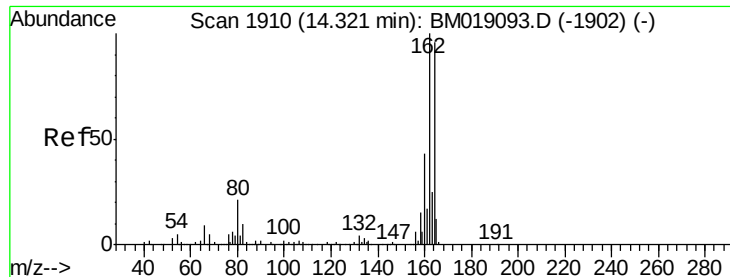
Tgt Ion: 82 Resp: 1164384
 Ion Ratio Lower Upper
 82 100
 128 38.4 29.4 44.2
 54 35.9 29.9 44.9



#30
 1,2,4-Trichlorobenzene
 Concen: 6.305 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.04 min
 Lab File: BM019297.D
 Acq: 21 Mar 2019 19:08

Tgt Ion: 180 Resp: 70857
 Ion Ratio Lower Upper
 180 100
 182 92.6 76.6 114.8
 145 28.4 24.3 36.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BM019297.D

Acq: 21 Mar 2019 19:08

Instrument :

BNA_M

ClientSampleId :

WC-20190319

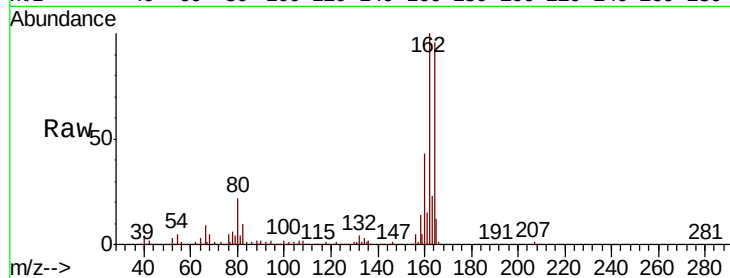
Tgt Ion:164 Resp: 441892

Ion Ratio Lower Upper

164 100

162 104.7 83.5 125.3

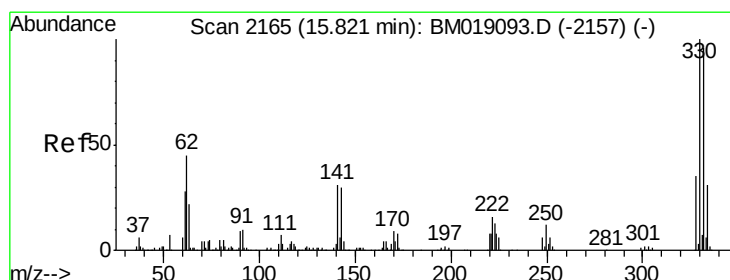
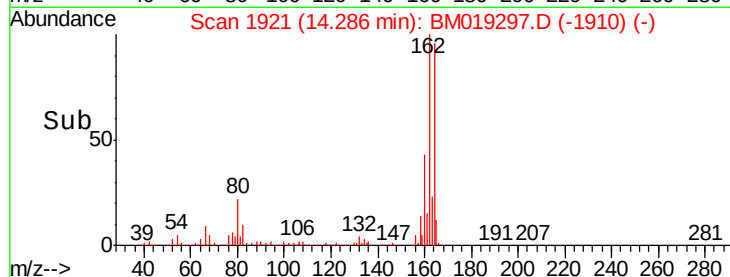
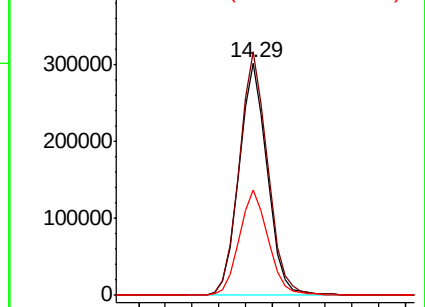
160 45.2 36.3 54.5



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: 144.121 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BM019297.D

Acq: 21 Mar 2019 19:08

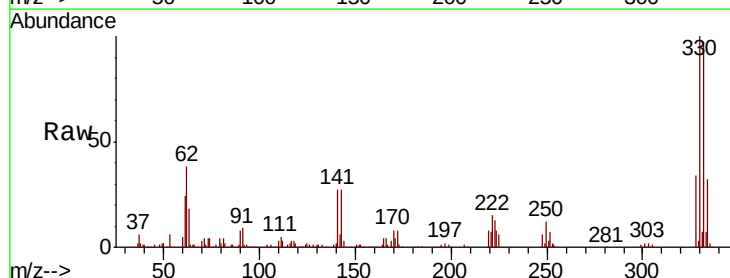
Tgt Ion:330 Resp: 940303

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

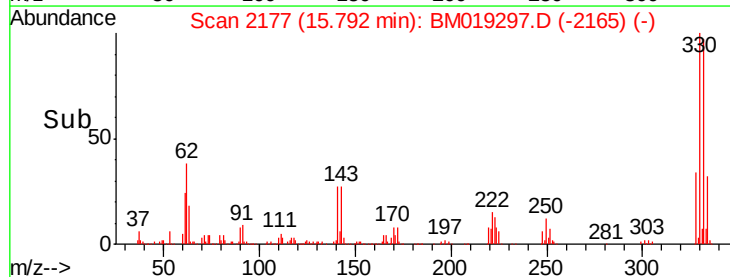
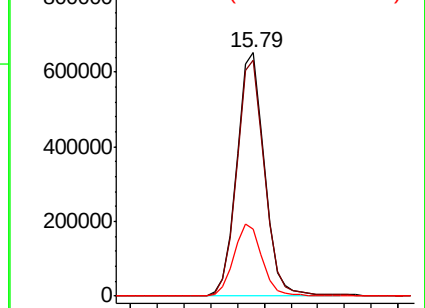
141 30.5 27.0 40.4

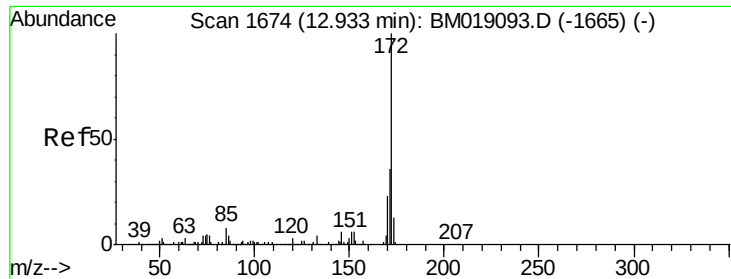


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

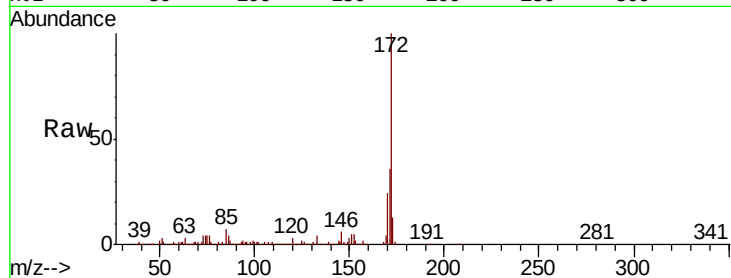




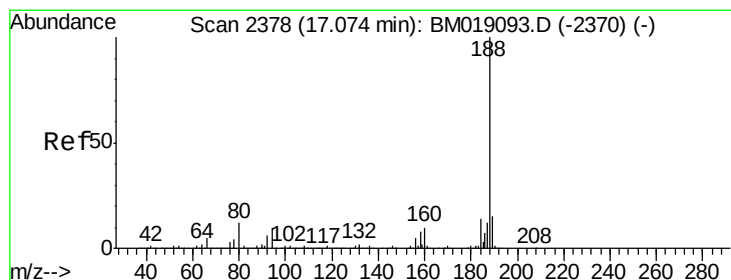
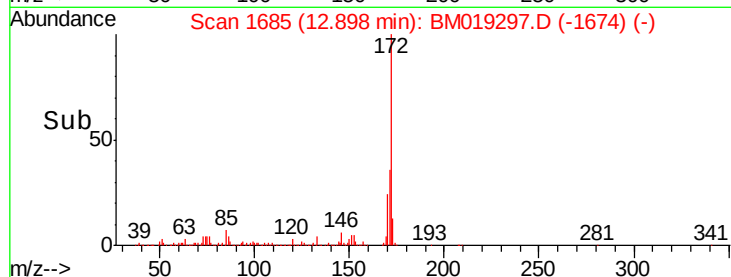
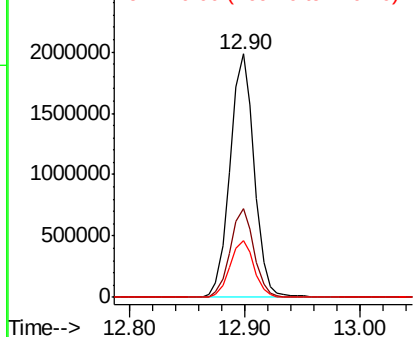
#45
 2-Fluorobiphenyl
 Concen: 84.729 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.04 min
 Lab File: BM019297.D
 Acq: 21 Mar 2019 19:08

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:172 Resp: 2878411
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 23.6 18.6 28.0

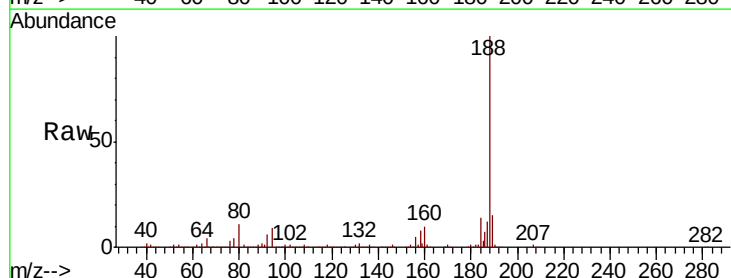


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

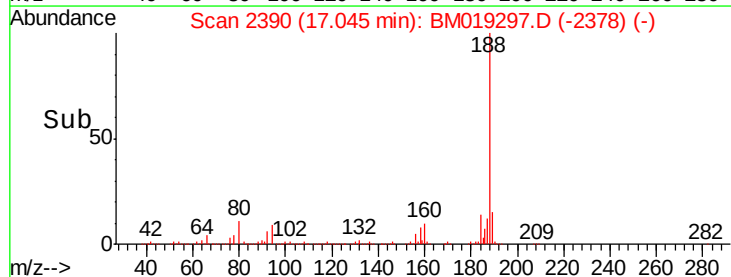
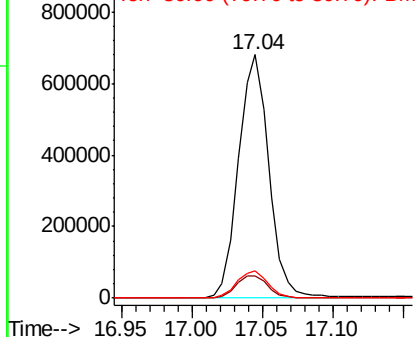


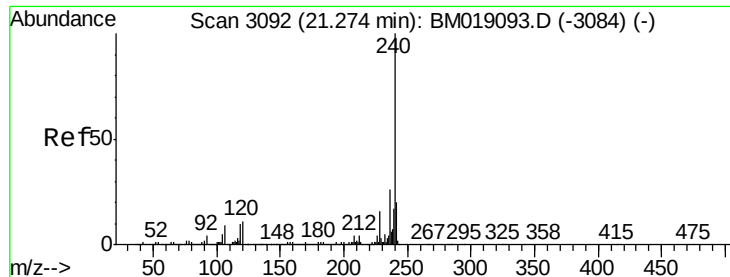
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.04 min Scan# 2390
 Delta R.T. -0.03 min
 Lab File: BM019297.D
 Acq: 21 Mar 2019 19:08

Tgt Ion:188 Resp: 1025758
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.1 12.1
 80 11.0 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM0
 Ion 80.00 (79.70 to 80.70): BM0

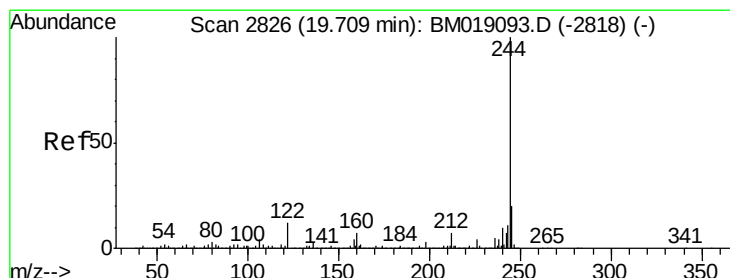
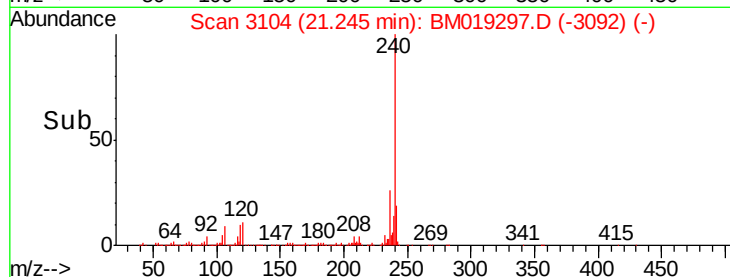
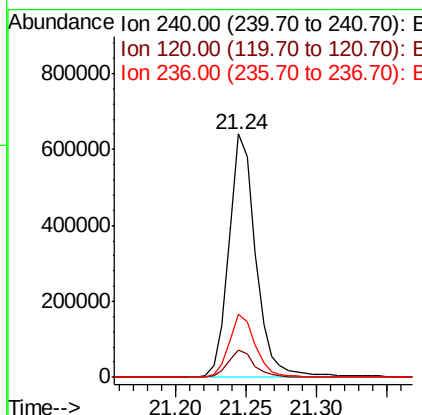
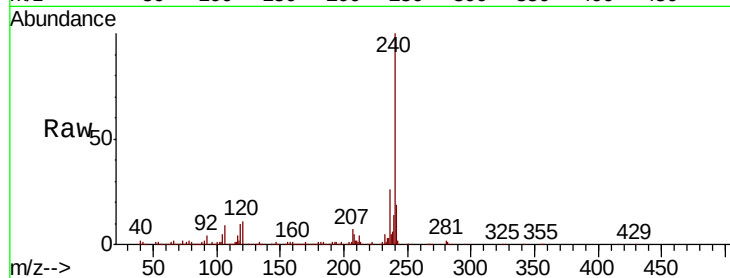




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019297.D
Acq: 21 Mar 2019 19:08

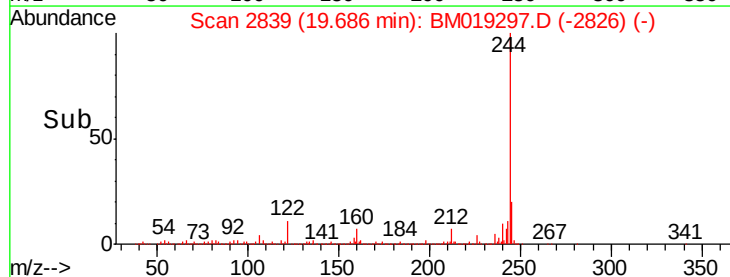
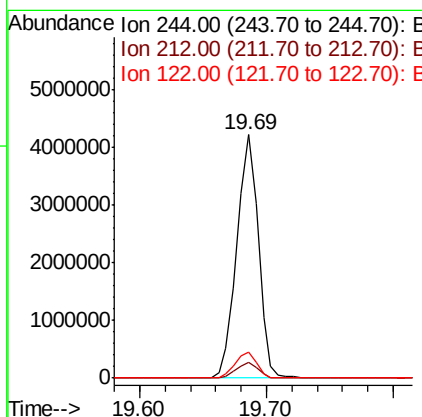
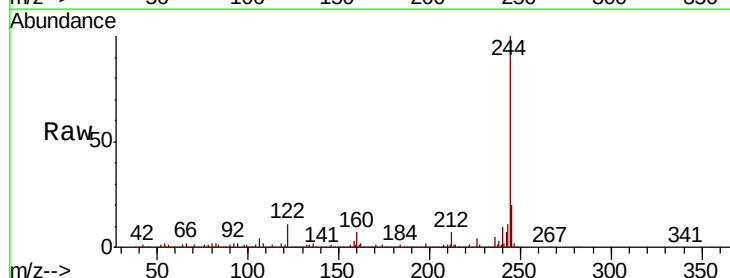
Instrument :
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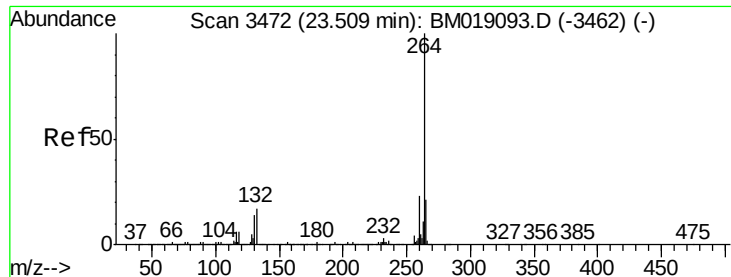
Tgt Ion:240 Resp: 854705
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 115.316 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BM019297.D
Acq: 21 Mar 2019 19:08

Tgt Ion:244 Resp: 4964759
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.7 9.4 14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BM019297.D
Acq: 21 Mar 2019 19:08

Instrument :
BNA_M
ClientSampleId :
WC-20190319

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.3	17.3	25.9

