

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019176.D
 Acq On : 14 Mar 2019 19:18
 Operator : JU/SJ
 Sample : K1894-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RFK-RMAB-MW10-GW

Quant Time: Mar 15 05:22:11 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

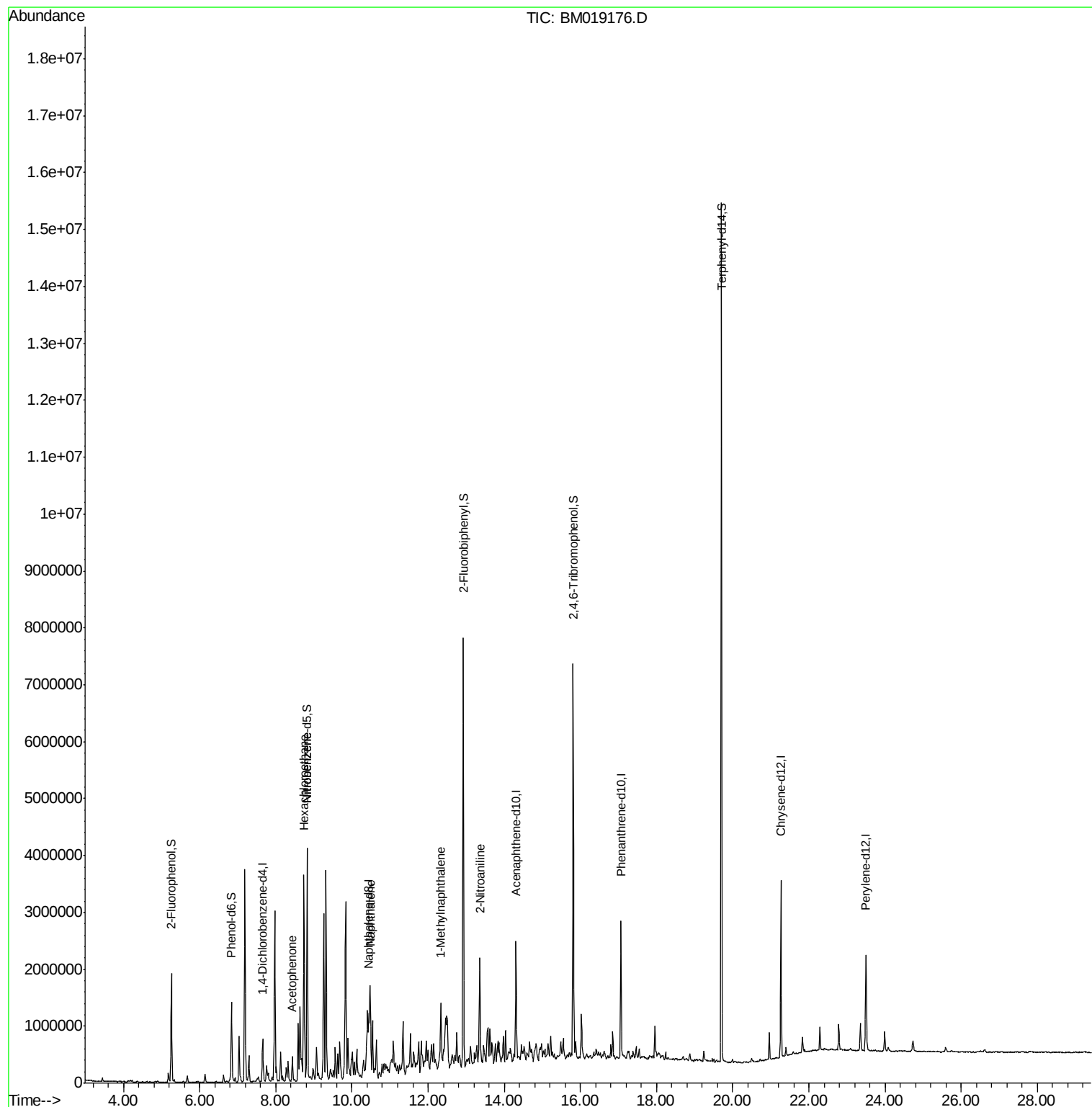
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	189879	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	851781	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	595850	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1298973	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1317786	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1185156	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	827620	70.59	ng	0.00
7) Phenol-d6	6.84	99	854335	49.82	ng	0.00
23) Nitrobenzene-d5	8.83	82	1641942	91.12	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1302958	148.11	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3767787	82.25	ng	-0.01
79) Terphenyl-d14	19.70	244	6489920	97.77	ng	0.00
Target Compounds						
18) Hexachloroethane	8.74	117	199832	35.377	ng	# 1
22) Acetophenone	8.44	105	298788	12.693	ng	# 60
24) Nitrobenzene	8.82	77	68132	3.636	ng	# 8
31) Naphthalene	10.49	128	117878	2.626	ng	# 32
38) 1-Methylnaphthalene	12.33	142	460099	14.308	ng	# 98
48) 2-Nitroaniline	13.36	65	67907	5.213	ng	# 28

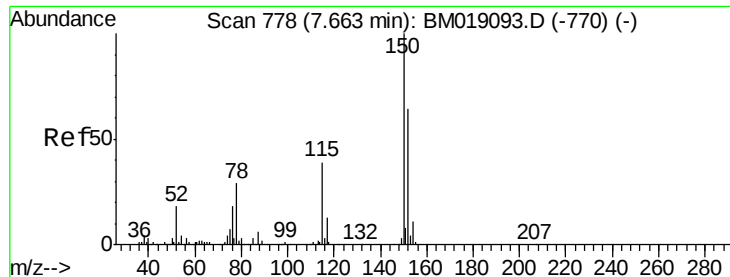
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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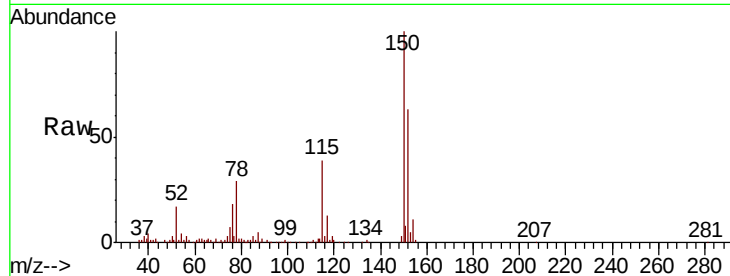


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BM019176.D
 Acq: 14 Mar 2019 19:18

Instrument :
 BNA_M
 ClientSampleId :
 RFK-RMAB-MW10-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.3	187.9
115	62.1	49.4	74.0

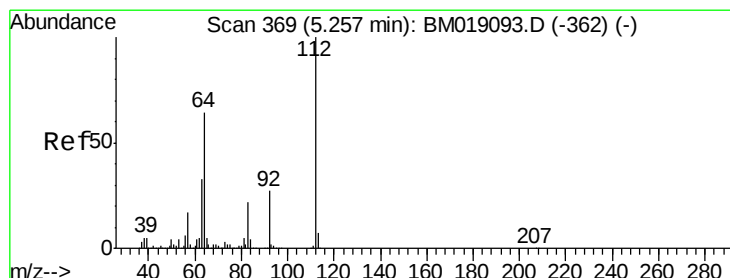
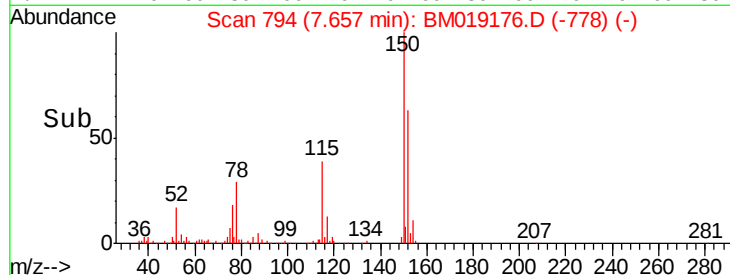
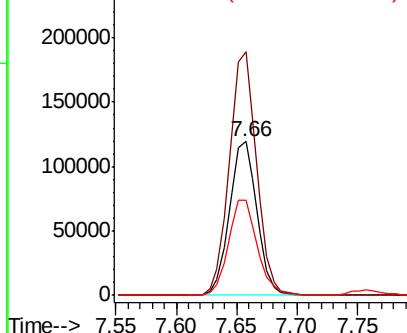


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

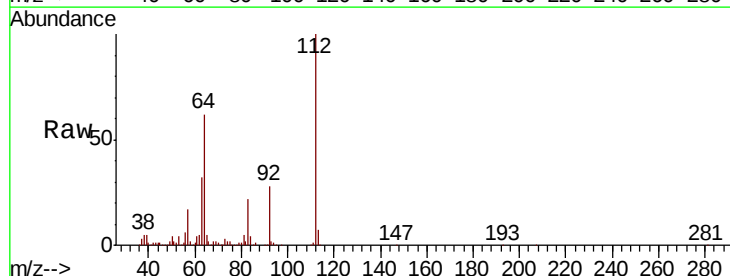
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 70.588 ng
 RT: 5.26 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BM019176.D
 Acq: 14 Mar 2019 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.4	77.0
63	31.9	26.6	40.0

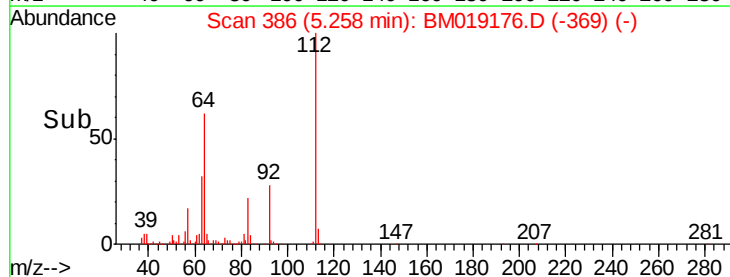
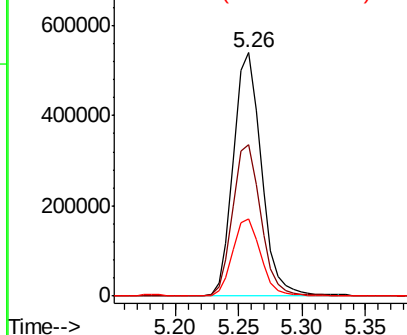


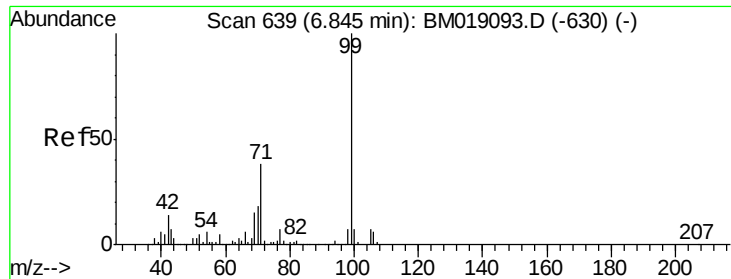
Abundance

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: 49.816 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

Instrument :

BNA_M

ClientSampleId :

RFK-RMAB-MW10-GW

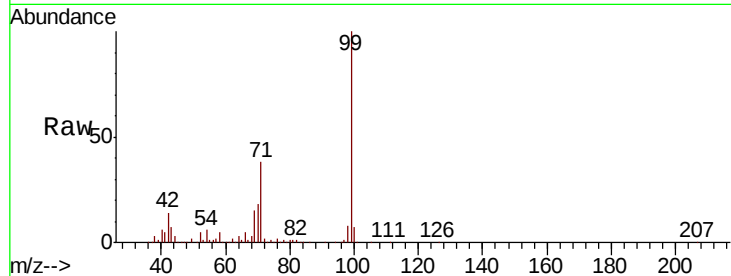
Tot Ion: 99 Resp: 854335

Ion Ratio Lower Upper

99 100

42 13.7 10.9 16.3

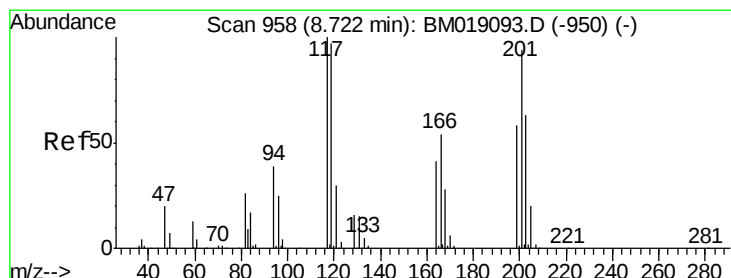
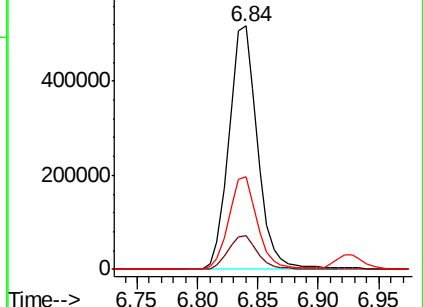
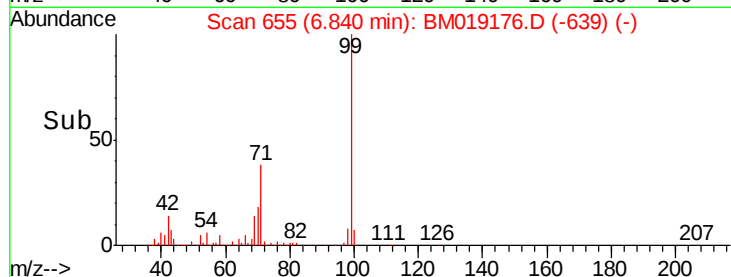
71 37.9 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#18

Hexachloroethane

Concen: 35.377 ng

RT: 8.74 min Scan# 978

Delta R.T. 0.02 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

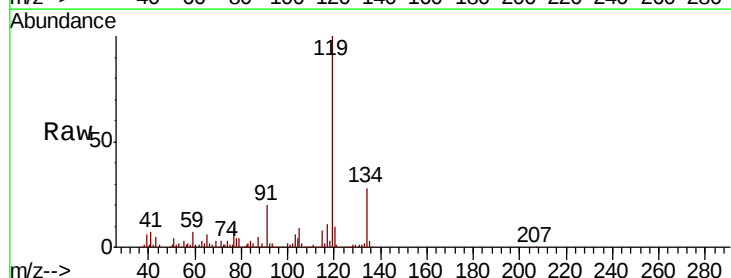
Tgt Ion: 117 Resp: 199832

Ion Ratio Lower Upper

117 100

119 884.7 77.4 116.2#

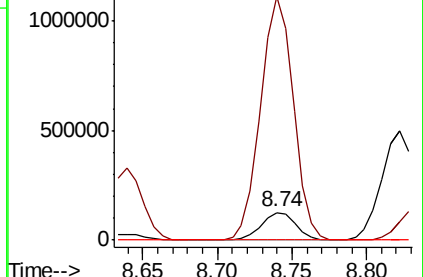
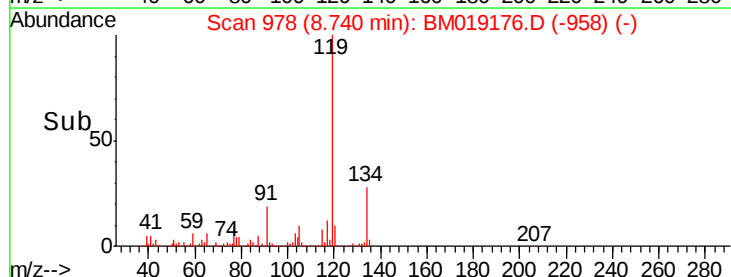
201 0.0 75.2 112.8#

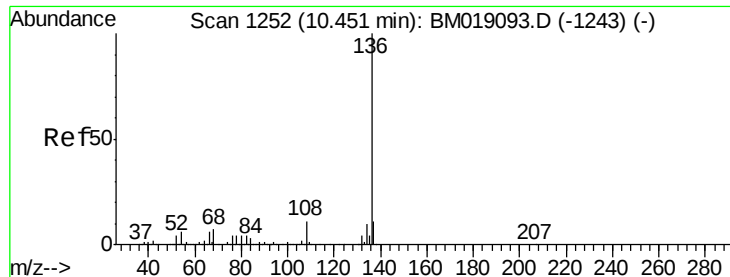


Abundance Ion 117.00 (116.70 to 117.70): BM019093.D (-950) (-)

Ion 119.00 (118.70 to 119.70): BM019093.D (-950) (-)

Ion 201.00 (200.70 to 201.70): BM019093.D (-950) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

Instrument :

BNA_M

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion:136 Resp: 851781

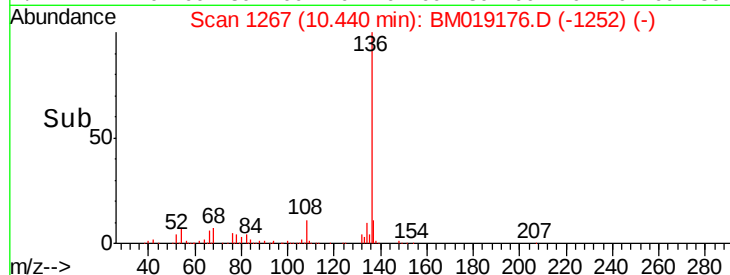
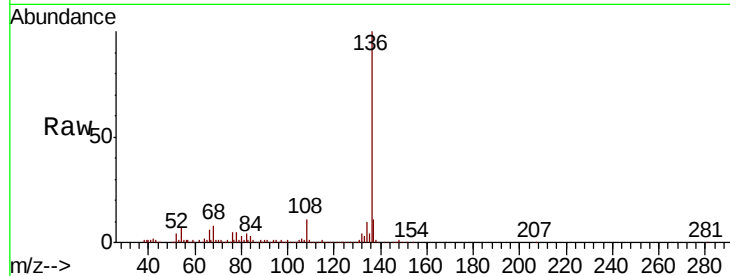
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.8 5.2 7.8

68 7.6 5.8 8.8

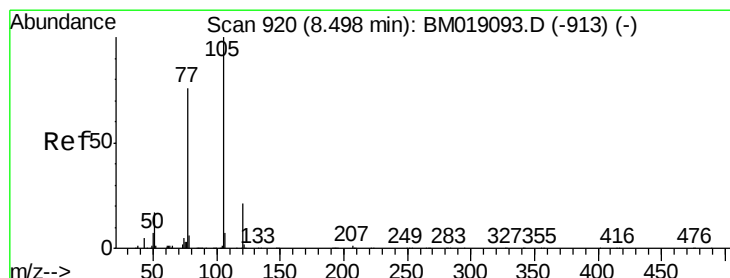
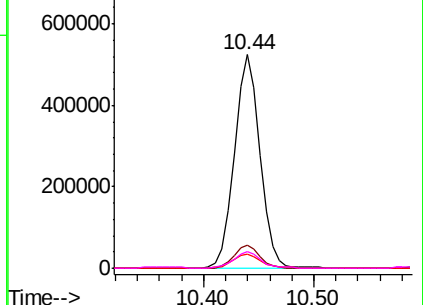


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 12.693 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.06 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

Tgt Ion:105 Resp: 298788

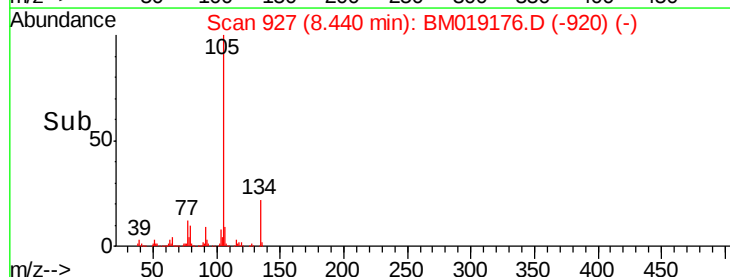
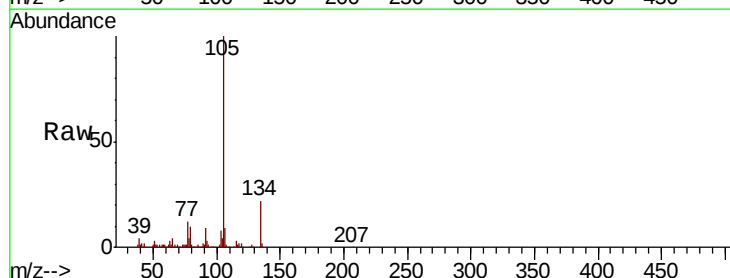
Ion Ratio Lower Upper

105 100

71 0.4 0.8 1.2#

51 3.0 15.8 23.6#

120 0.3 17.0 25.4#

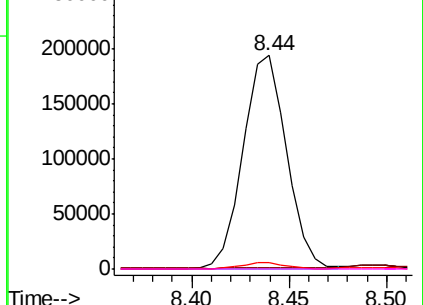


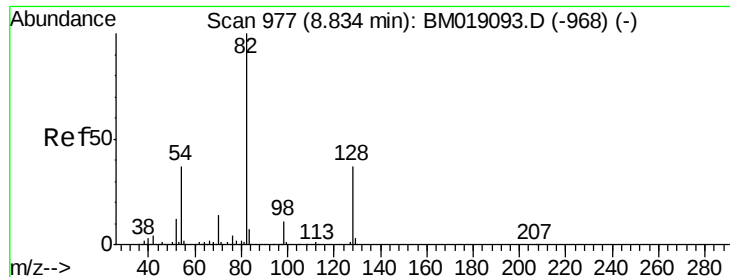
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

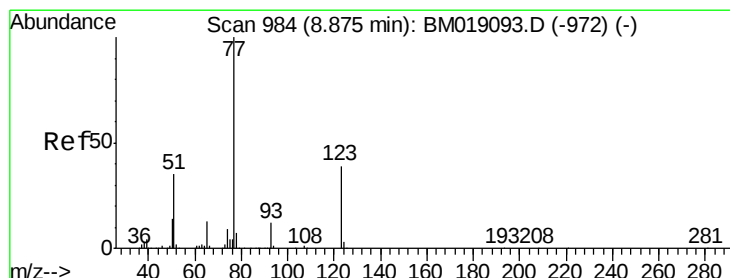
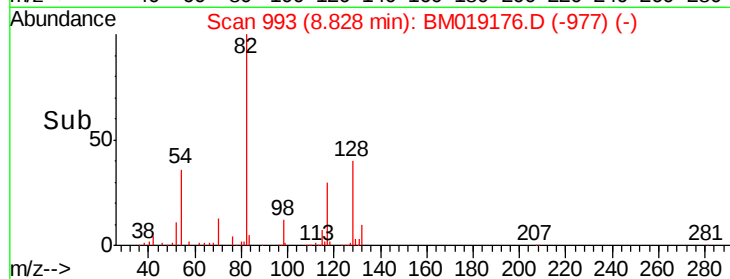
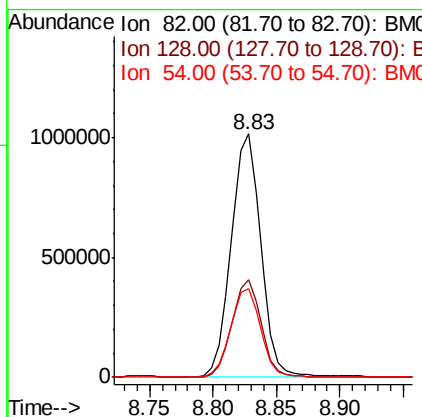
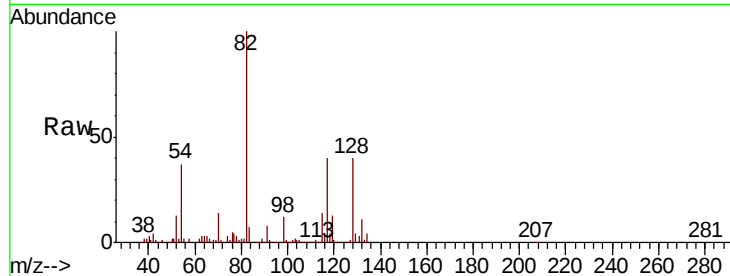




#23
Nitrobenzene-d5
Concen: 91.121 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

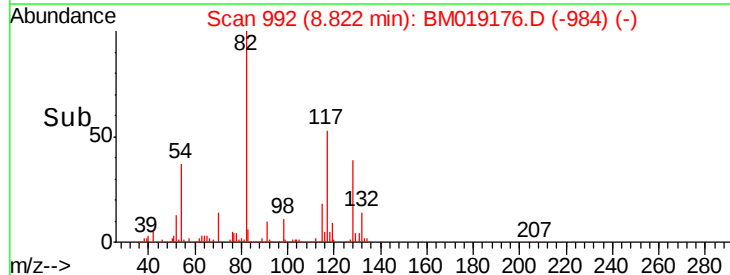
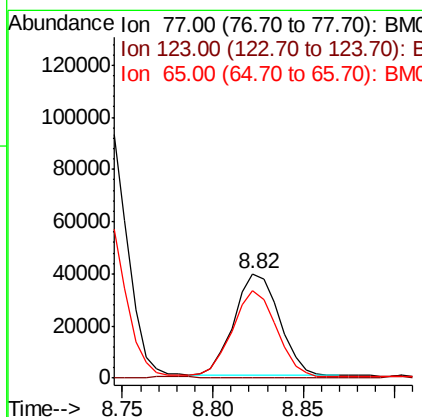
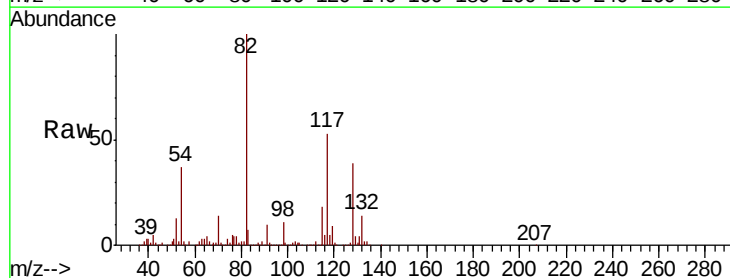
Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

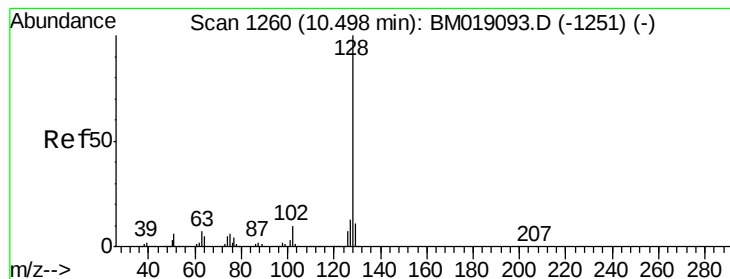
Tot Ion: 82 Resp: 1641942
Ion Ratio Lower Upper
82 100
128 40.0 29.4 44.2
54 36.6 29.9 44.9



#24
Nitrobenzene
Concen: 3.636 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.05 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion: 77 Resp: 68132
Ion Ratio Lower Upper
77 100
123 0.0 31.3 46.9#
65 83.4 10.5 15.7#





#31

Naphthalene

Concen: 2.626 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

Instrument :

BNA_M

ClientSampleId :

RFK-RMAB-MW10-GW

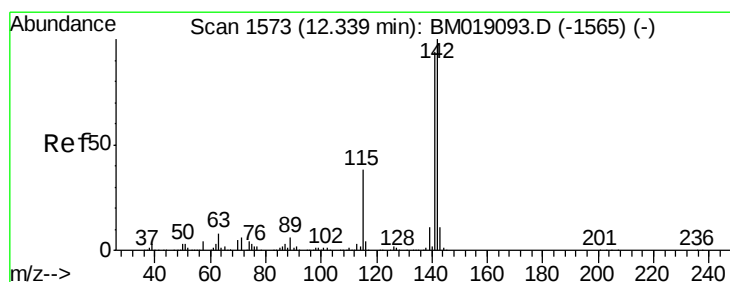
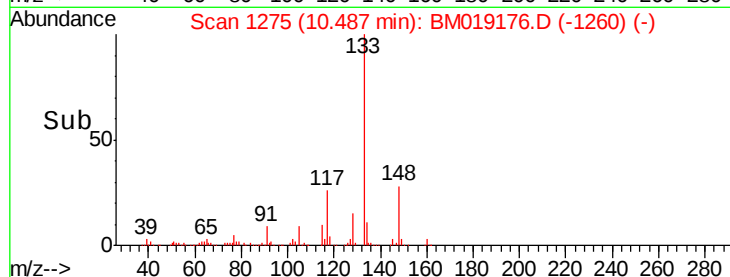
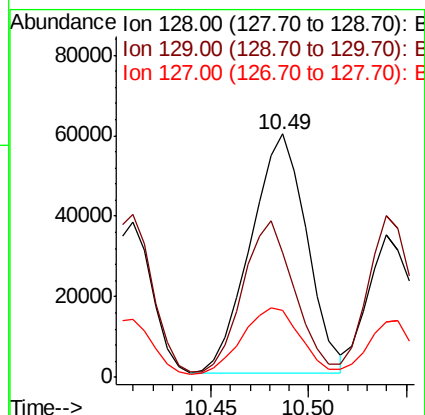
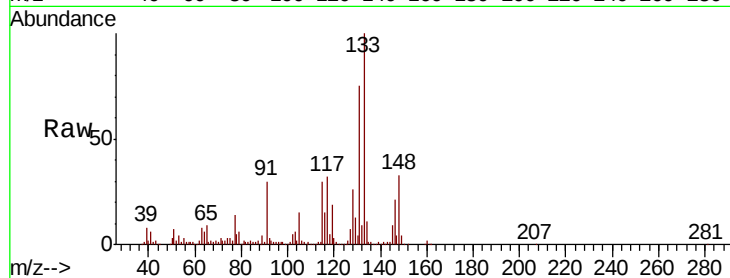
Tot Ion:128 Resp: 117878

Ion Ratio Lower Upper

128 100

129 51.0 8.6 13.0#

127 27.6 10.4 15.6#



#38

1-Methylnaphthalene

Concen: 14.308 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

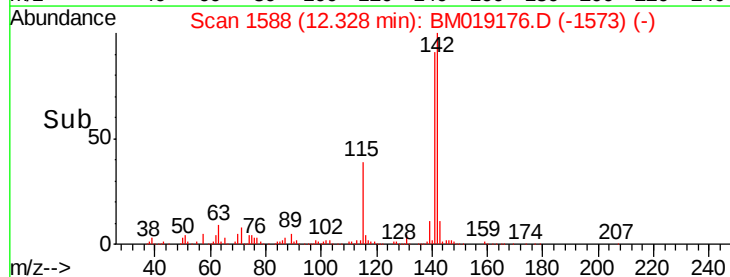
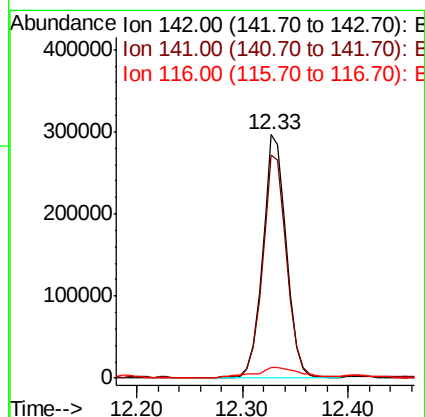
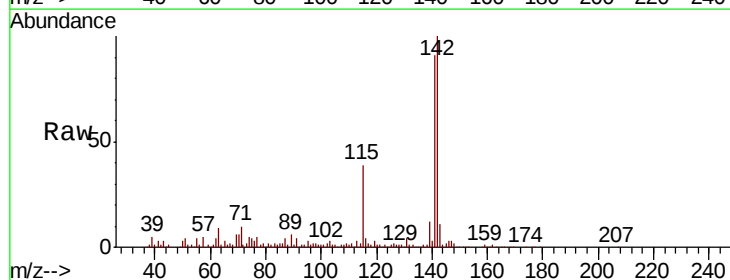
Tgt Ion:142 Resp: 460099

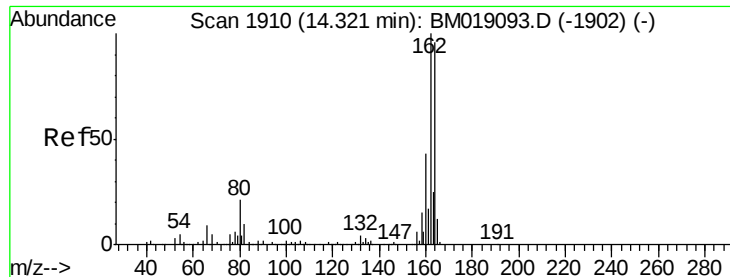
Ion Ratio Lower Upper

142 100

141 91.5 74.9 112.3

116 4.4 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

Instrument :

BNA_M

ClientSampleId :

RFK-RMAB-MW10-GW

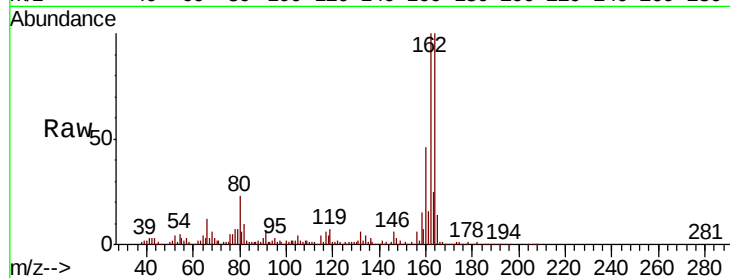
Tot Ion:164 Resp: 595850

Ion Ratio Lower Upper

164 100

162 100.0 83.5 125.3

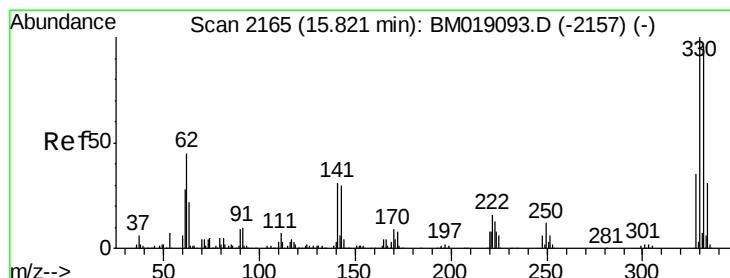
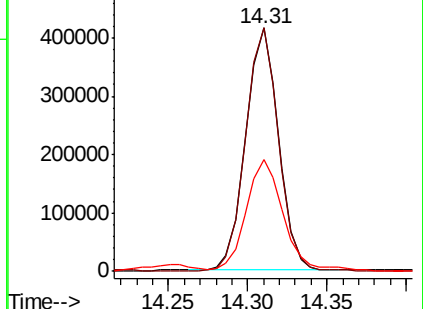
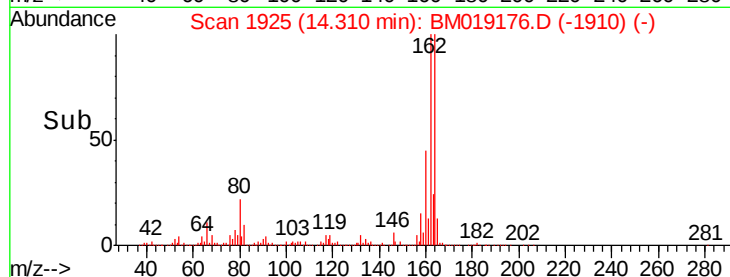
160 45.8 36.3 54.5



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: 148.105 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

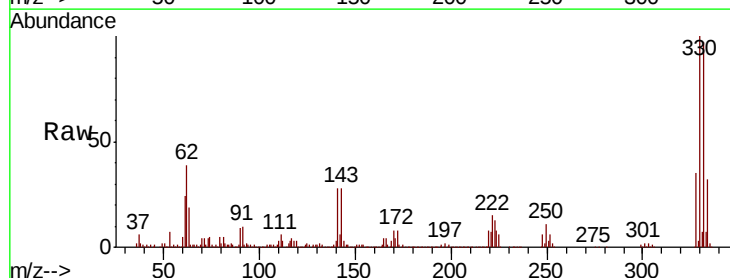
Tgt Ion:330 Resp: 1302958

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

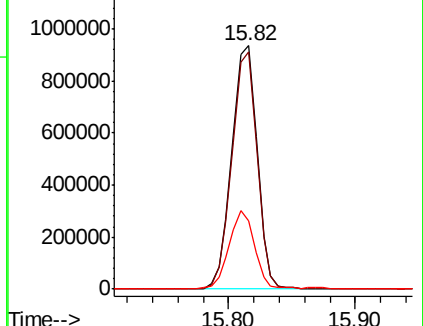
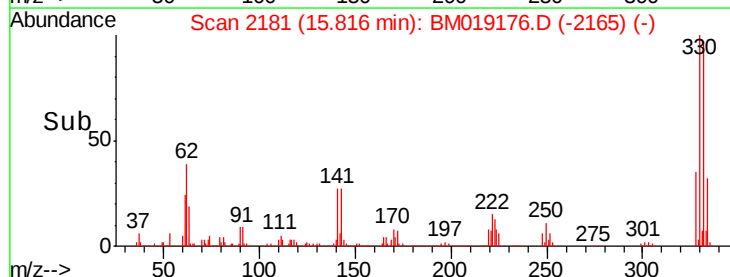
141 31.3 27.0 40.4

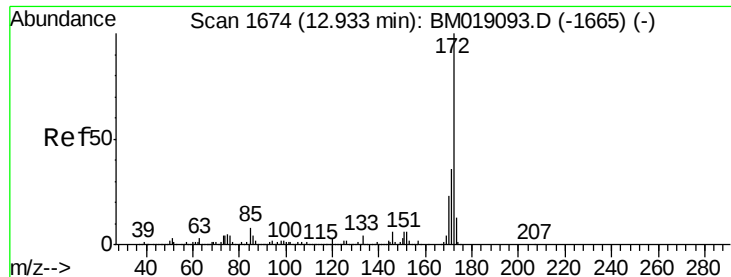


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

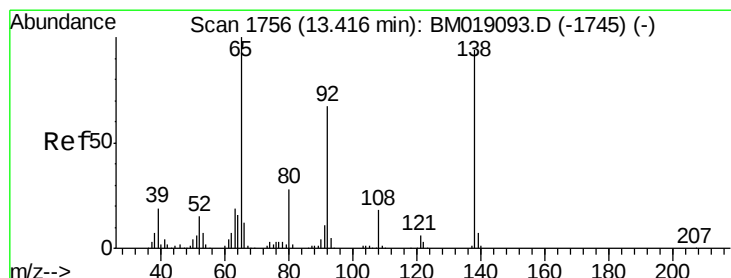
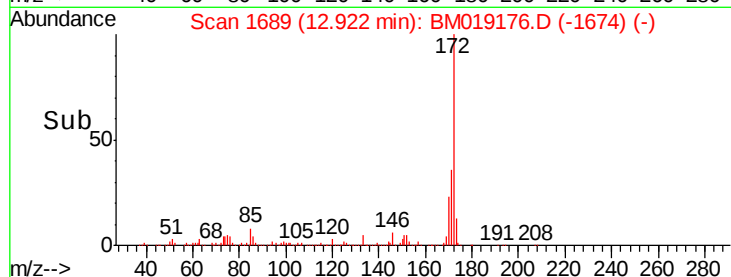
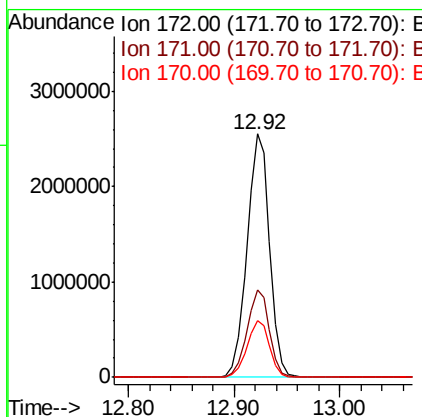
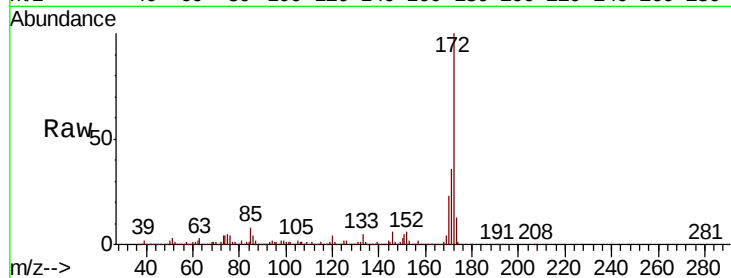




#45
2-Fluorobiphenyl
Concen: 82.252 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

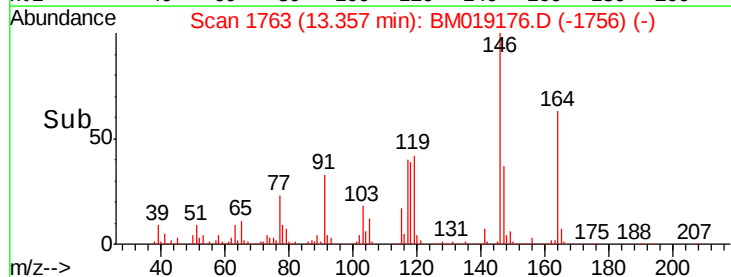
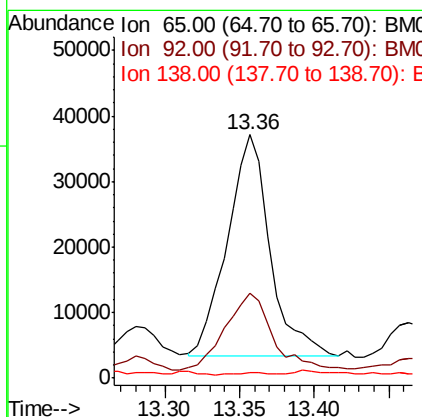
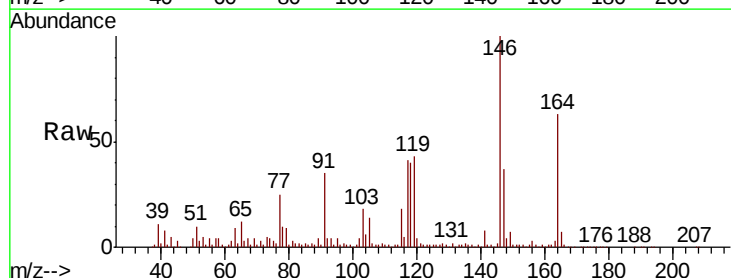
Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

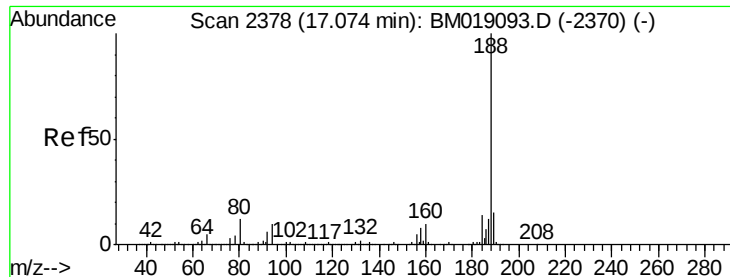
Tot Ion:172 Resp: 3767787
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.3 18.6 28.0



#48
2-Nitroaniline
Concen: 5.213 ng
RT: 13.36 min Scan# 1763
Delta R.T. -0.06 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion: 65 Resp: 67907
Ion Ratio Lower Upper
65 100
92 35.1 53.4 80.2#
138 2.3 74.9 112.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

Instrument :

BNA_M

ClientSampleId :

RFK-RMAB-MW10-GW

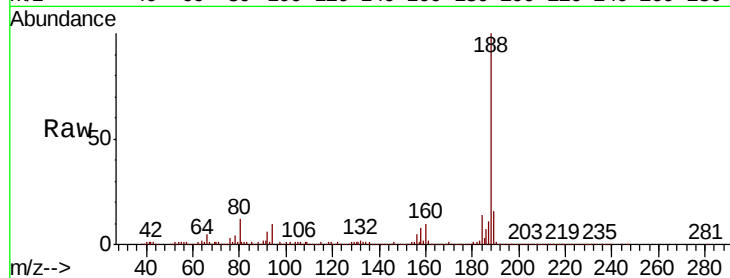
Tot Ion:188 Resp: 1298973

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

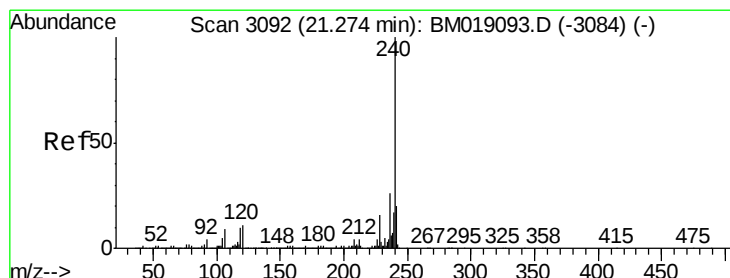
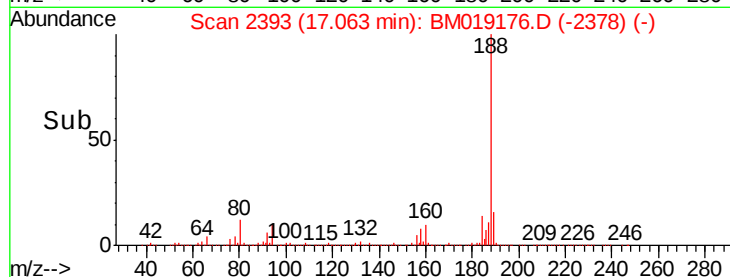
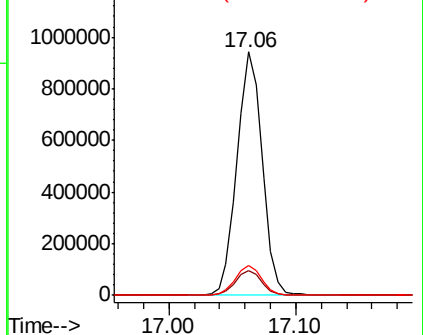
80 12.5 9.7 14.5



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

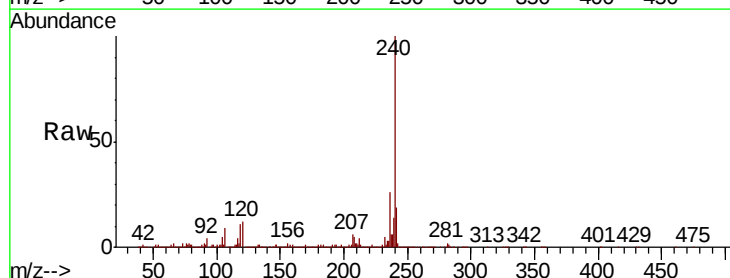
Tgt Ion:240 Resp: 1317786

Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

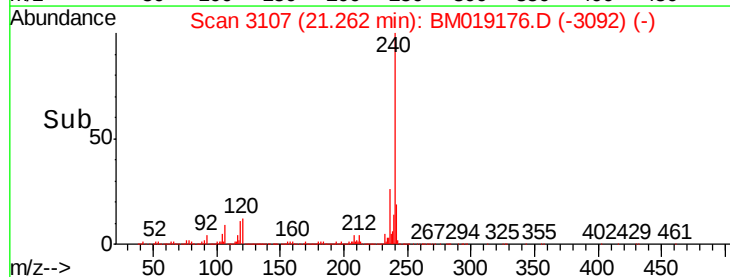
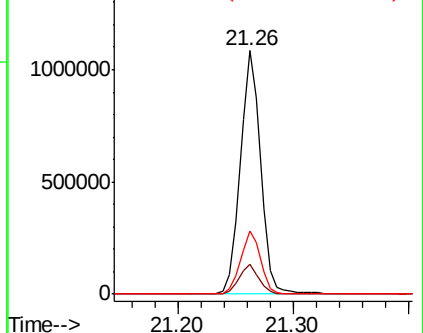
236 26.2 21.0 31.4

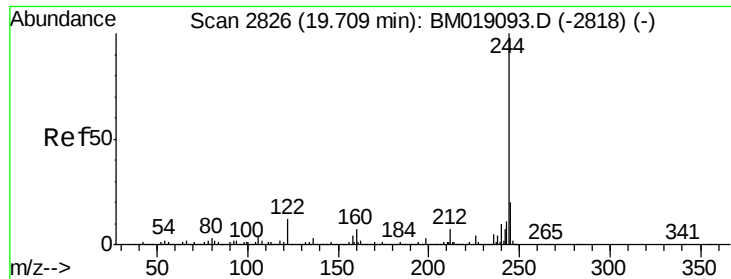


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.769 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

Instrument :

BNA_M

ClientSampleId :

RFK-RMAB-MW10-GW

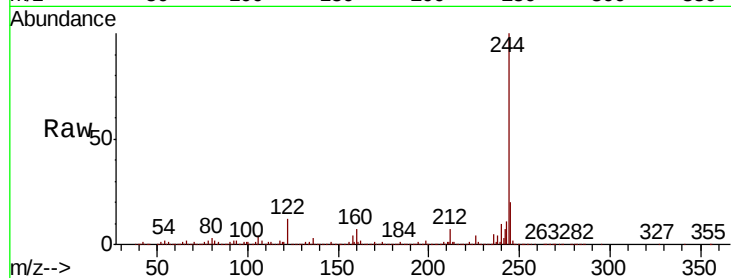
Tot Ion:244 Resp: 6489920

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

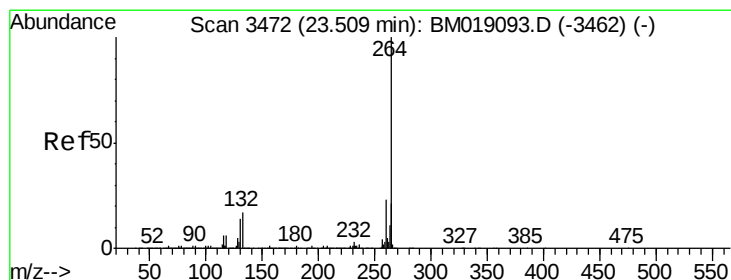
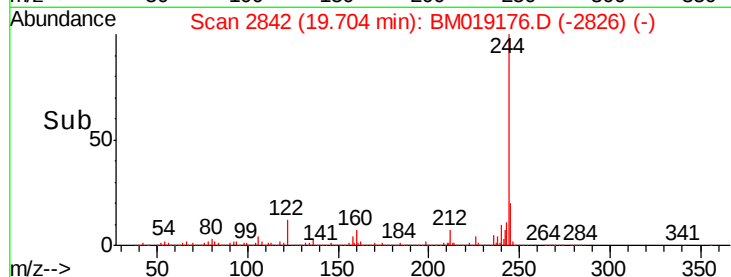
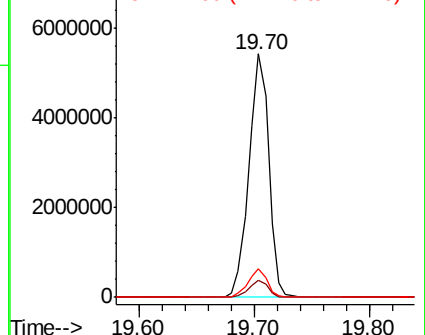
122 11.6 9.4 14.2



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: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019176.D

Acq: 14 Mar 2019 19:18

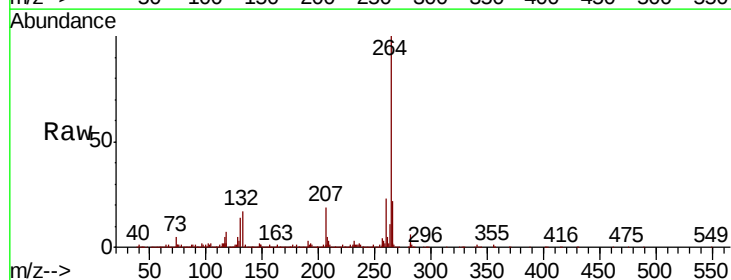
Tgt Ion:264 Resp: 1185156

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.8 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

