

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
 Data File : BM020134.D
 Acq On : 06 May 2019 14:12
 Operator : JU/SJ
 Sample : K2627-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: May 07 03:30:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

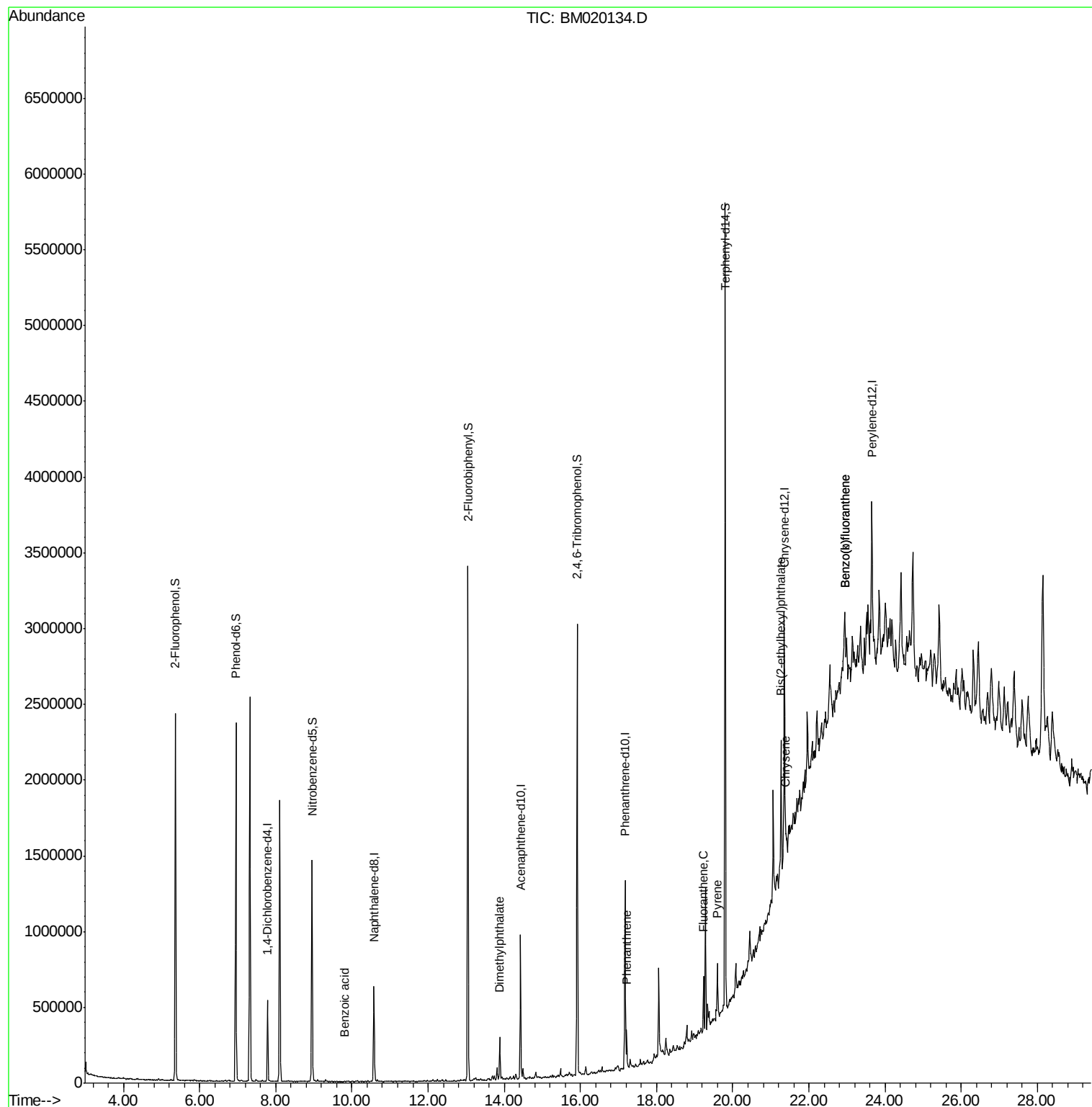
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	126754	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	472572	20.00	ng	-0.01
39) Acenaphthene-d10	14.43	164	284307	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	680764	20.00	ng	0.00
76) Chrysene-d12	21.36	240	697898	20.00	ng	-0.01
87) Perylene-d12	23.66	264	826800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	872207	112.48	ng	0.00
7) Phenol-d6	6.95	99	1230893	116.19	ng	0.00
23) Nitrobenzene-d5	8.95	82	884527	73.90	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	505389	114.52	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1603921	69.41	ng	-0.01
79) Terphenyl-d14	19.80	244	2491445	62.27	ng	0.00
Target Compounds						
32) Benzoic acid	9.82	122	108	6.632	ng	Qvalue # 1
50) Dimethylphthalate	13.89	163	155330	6.428	ng	99
71) Phenanthrene	17.22	178	141773	3.773	ng	97
75) Fluoranthene	19.23	202	208862	4.393	ng	99
78) Pyrene	19.60	202	207109	4.420	ng	97
83) Chrysene	21.40	228	95149	2.005	ng	# 79
84) Bis(2-ethylhexyl)phthalate	21.27	149	253786	9.598	ng	100
88) Benzo(b)fluoranthene	22.96	252	169142	3.098	ng	# 29
89) Benzo(k)fluoranthene	22.96	252	160912	3.231	ng	# 30

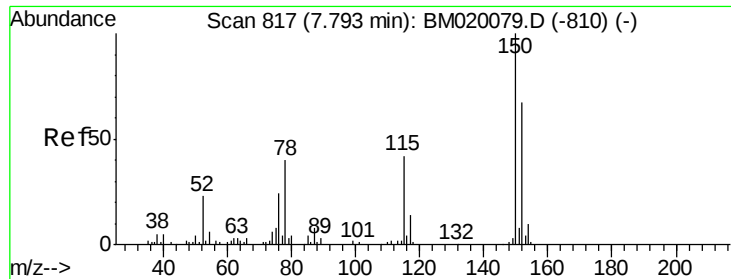
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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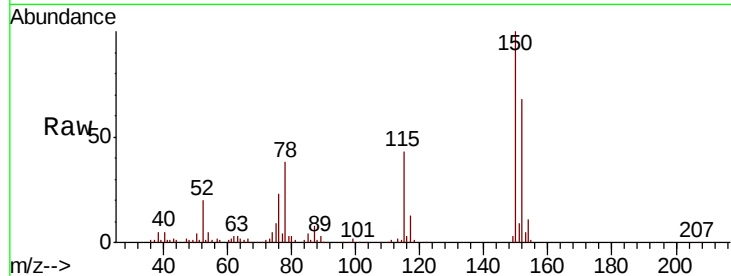


#1

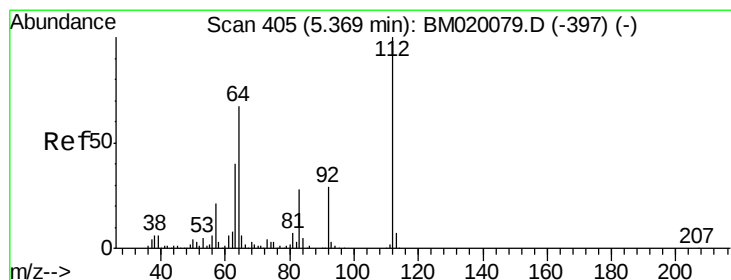
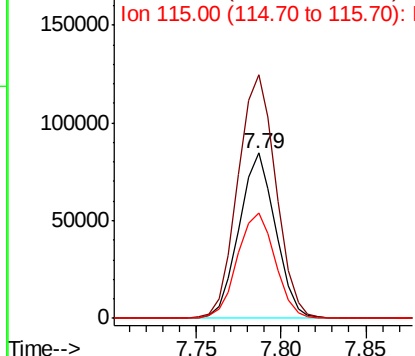
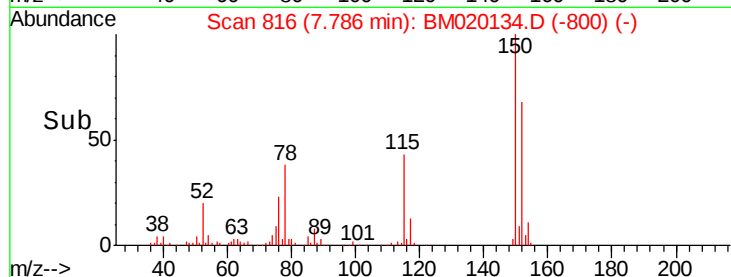
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 126754
Ion Ratio Lower Upper
152 100
150 147.4 119.8 179.8
115 64.1 50.8 76.2



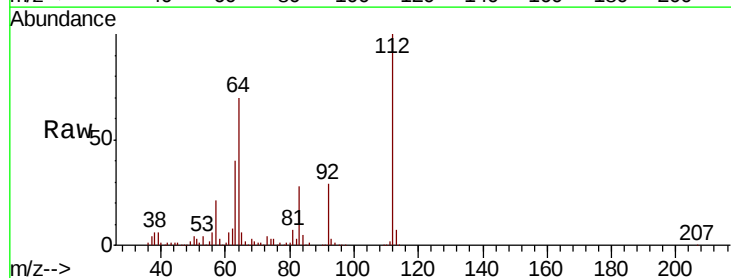
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



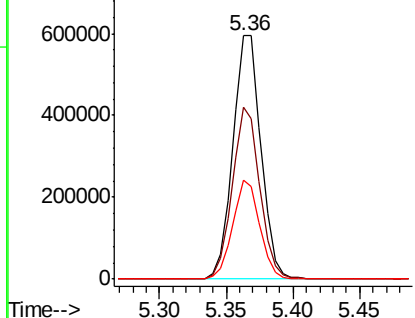
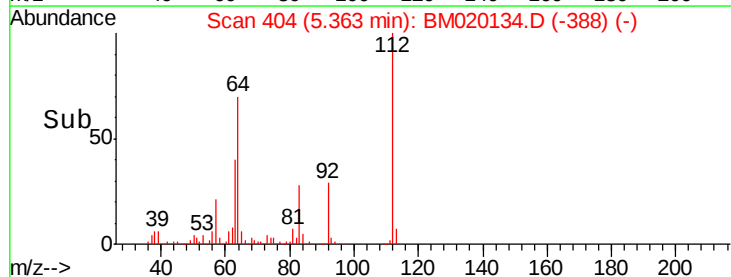
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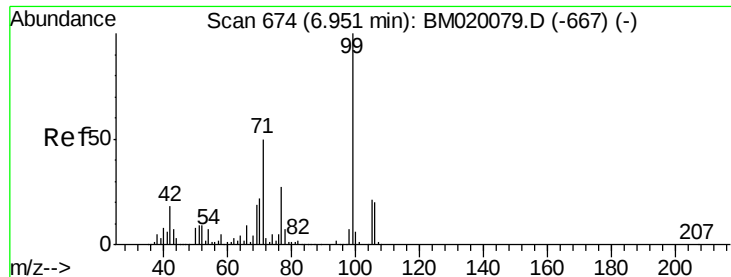
2-Fluorophenol
Concen: 112.478 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Tgt Ion:112 Resp: 872207
Ion Ratio Lower Upper
112 100
64 70.5 53.8 80.6
63 40.4 32.3 48.5



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: 116.191 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

ClientSampled :

WC-1

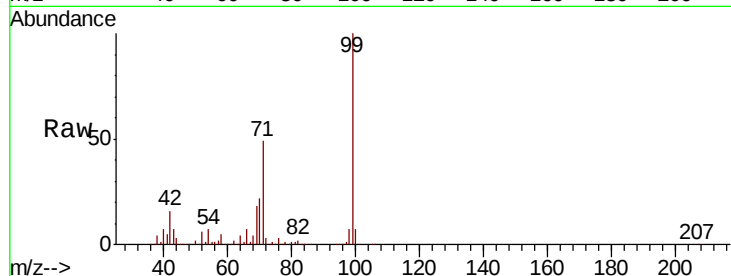
Tgt Ion: 99 Resp: 1230893

Ion Ratio Lower Upper

99 100

42 15.8 14.2 21.2

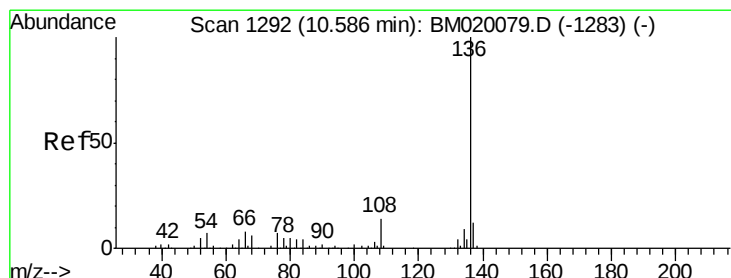
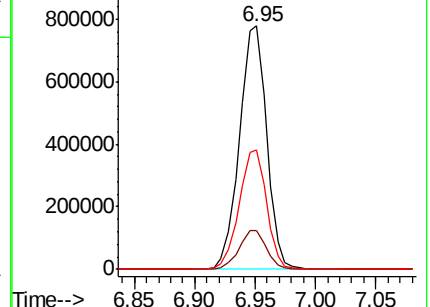
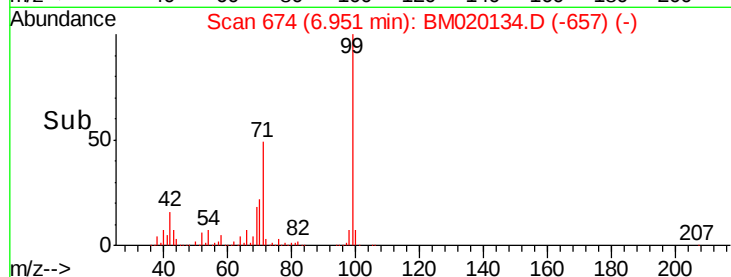
71 49.0 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020134.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020134.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020134.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Tgt Ion: 136 Resp: 472572

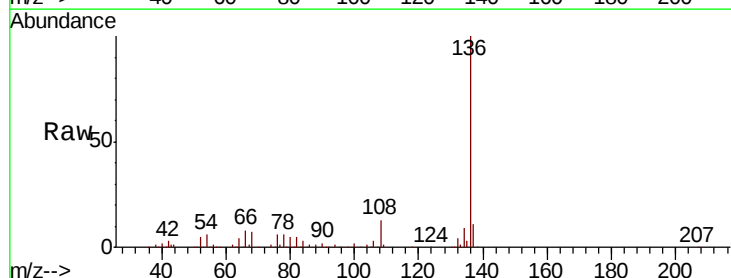
Ion Ratio Lower Upper

136 100

137 10.5 9.6 14.4

54 6.5 5.5 8.3

68 6.7 4.6 6.8

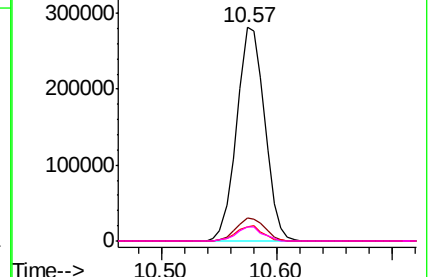
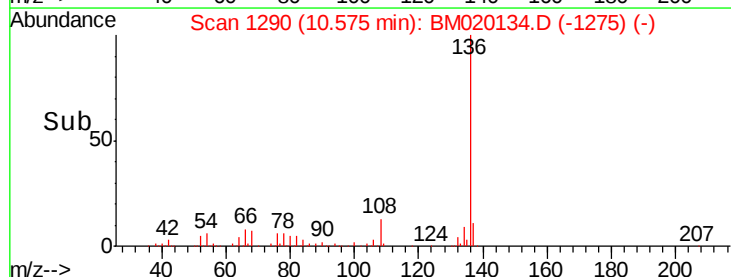


Abundance Ion 136.00 (135.70 to 136.70): BM020134.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020134.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020134.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020134.D (-1275) (-)

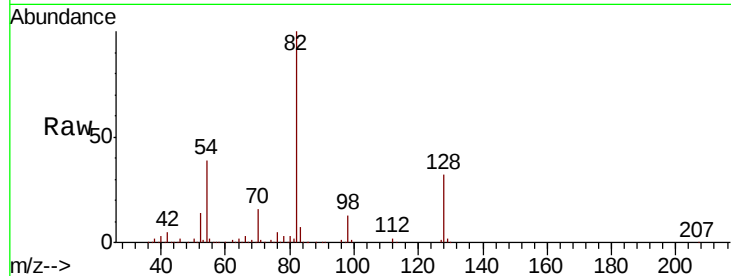




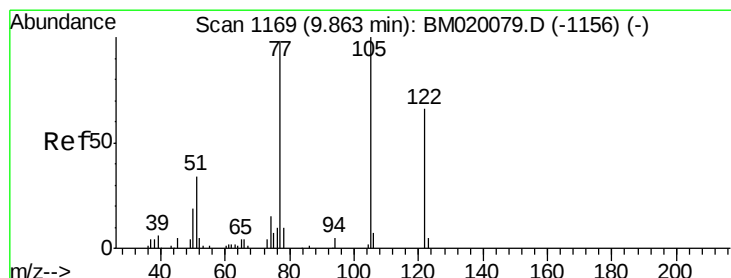
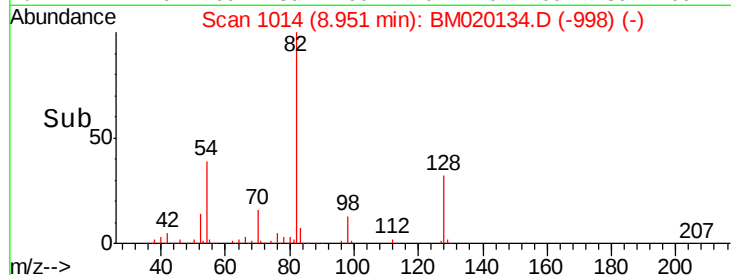
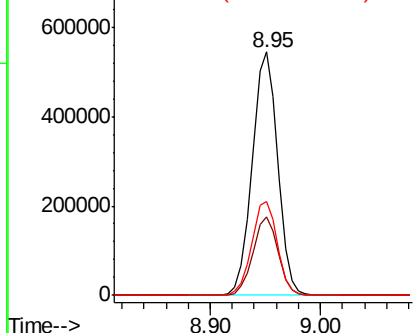
#23
 Nitrobenzene-d5
 Concen: 73.896 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020134.D
 Acq: 06 May 2019 14:12

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Tgt Ion: 82 Resp: 884527
 Ion Ratio Lower Upper
 82 100
 128 32.0 25.2 37.8
 54 38.7 31.9 47.9

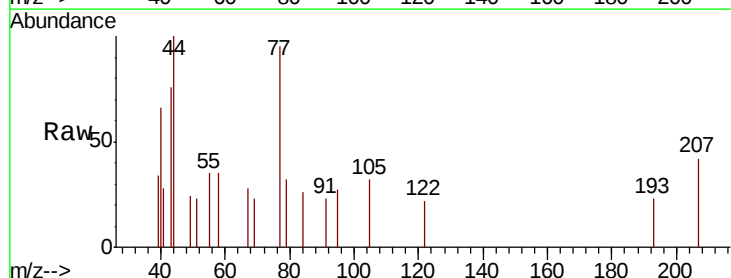


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

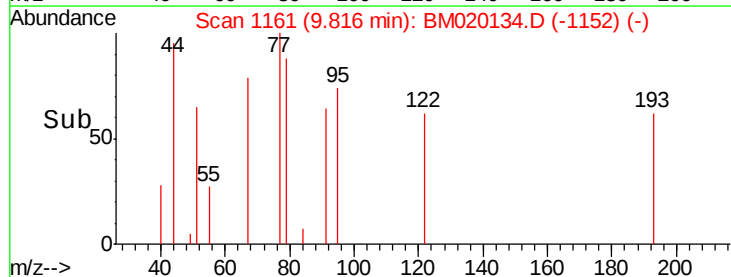
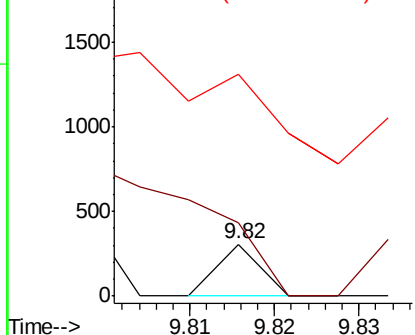


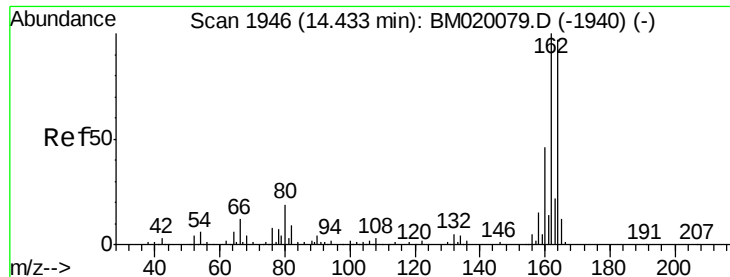
#32
 Benzoic acid
 Concen: 6.632 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.05 min
 Lab File: BM020134.D
 Acq: 06 May 2019 14:12

Tgt Ion: 122 Resp: 108
 Ion Ratio Lower Upper
 122 100
 105 142.8 122.5 162.5
 77 427.8 123.3 163.3#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BM0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

ClientSampled :

WC-1

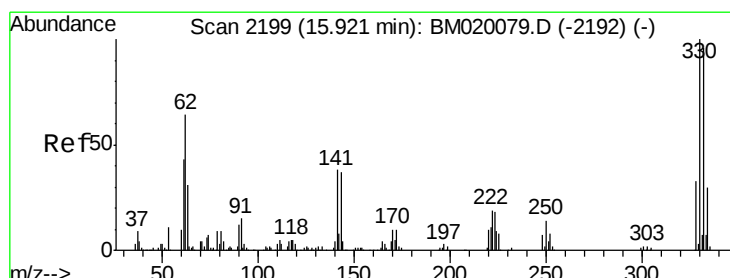
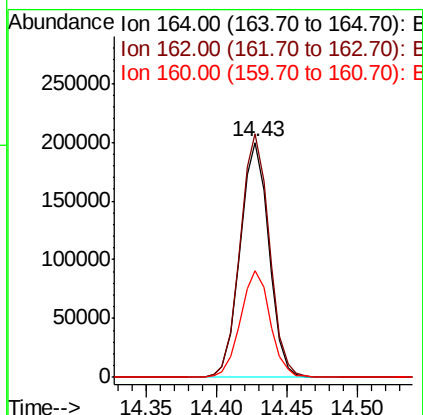
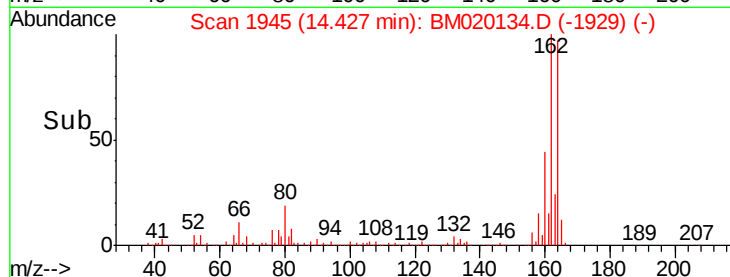
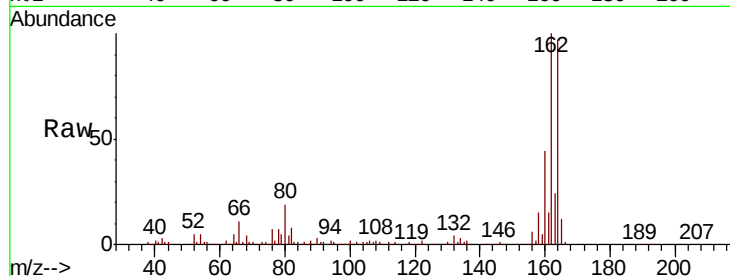
Tgt Ion:164 Resp: 284307

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.2

160 45.5 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 114.523 ng

RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

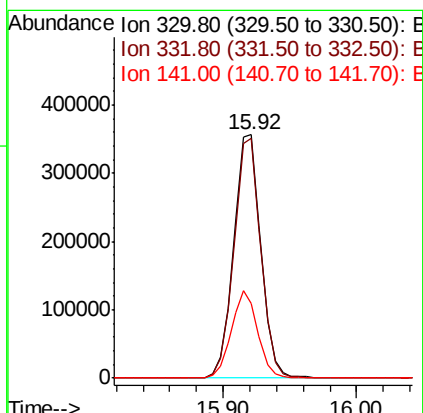
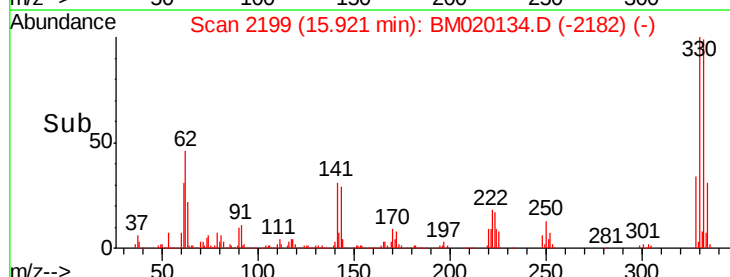
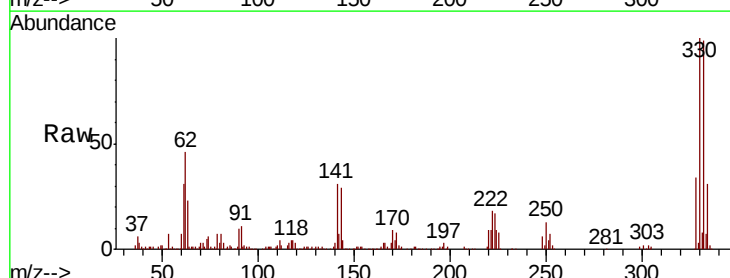
Tgt Ion:330 Resp: 505389

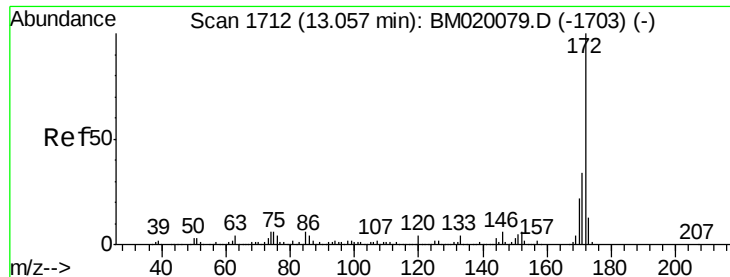
Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 34.5 29.2 43.8

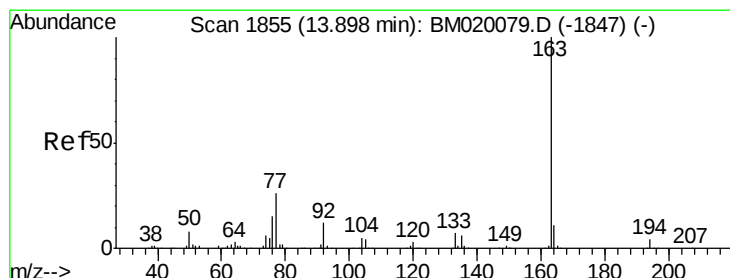
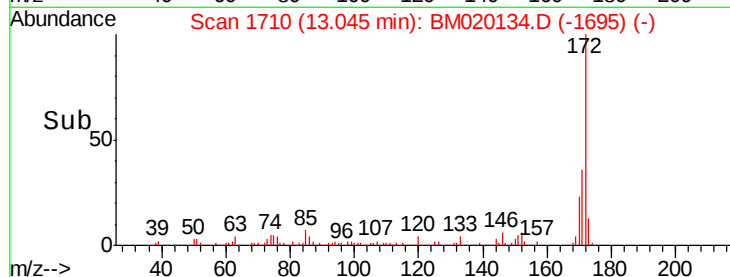
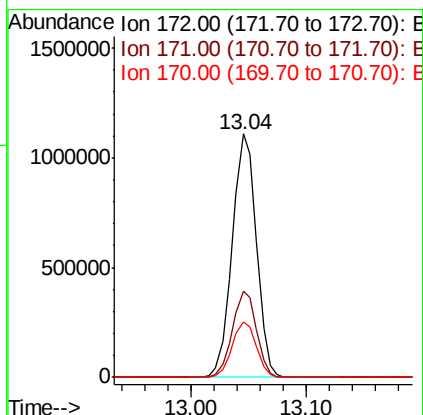
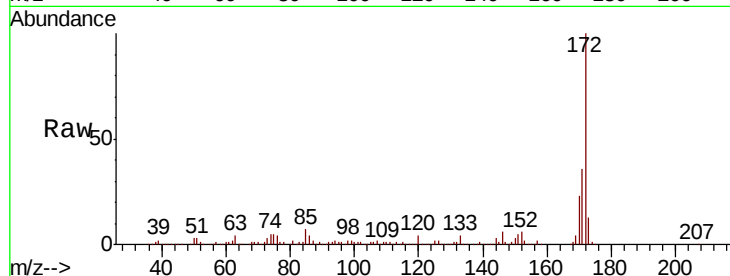




#45
2-Fluorobiphenyl
Concen: 69.411 ng
RT: 13.04 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

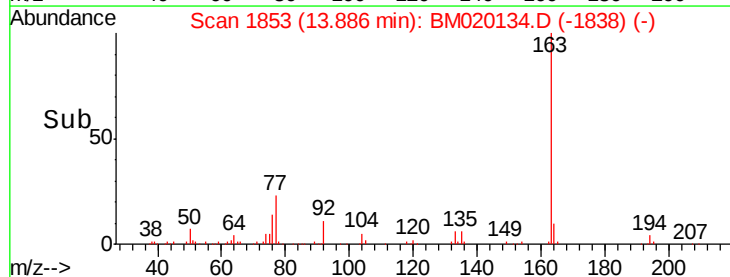
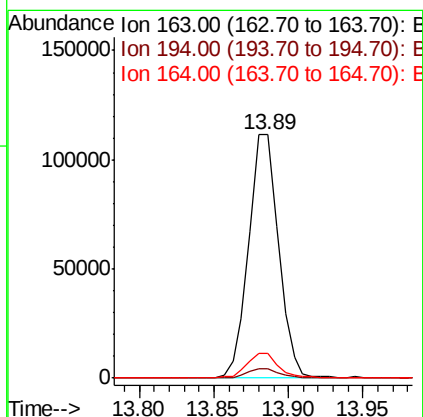
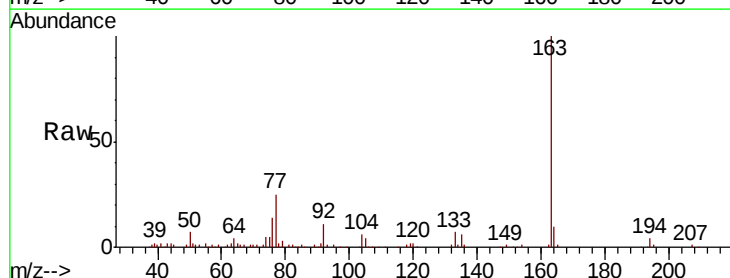
Instrument :
BNA_M
ClientSampled :
WC-1

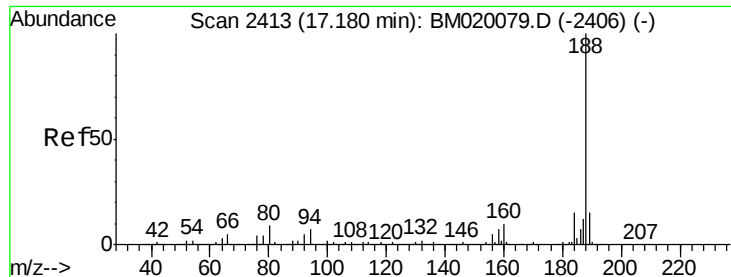
Tgt Ion:172 Resp: 1603921
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 22.8 17.9 26.9



#50
Dimethylphthalate
Concen: 6.428 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Tgt Ion:163 Resp: 155330
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 10.3 8.4 12.6

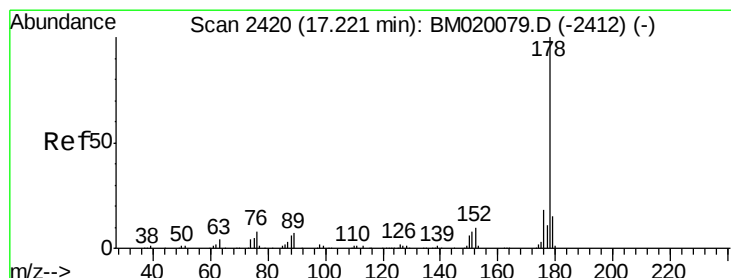
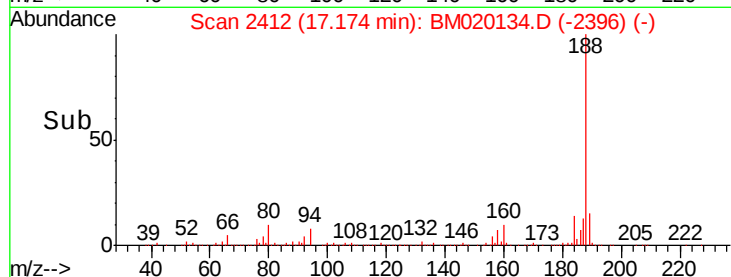
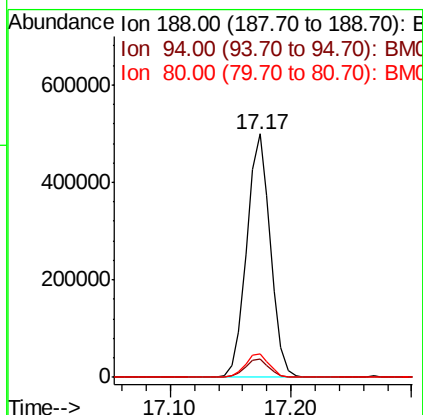
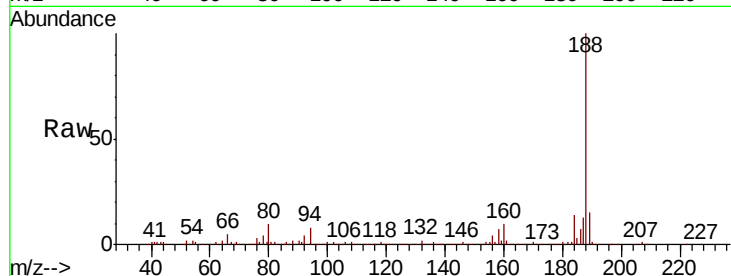




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

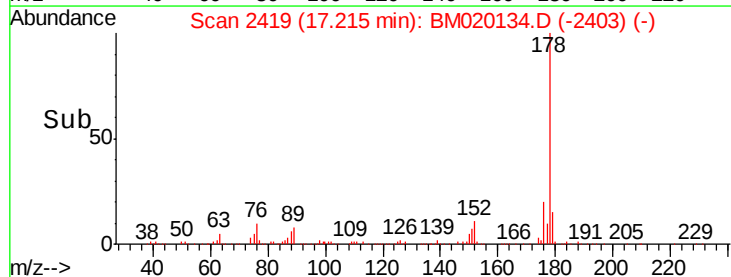
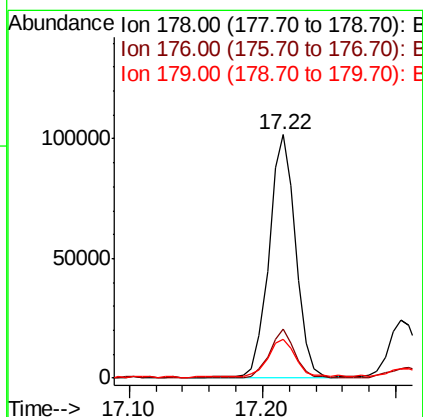
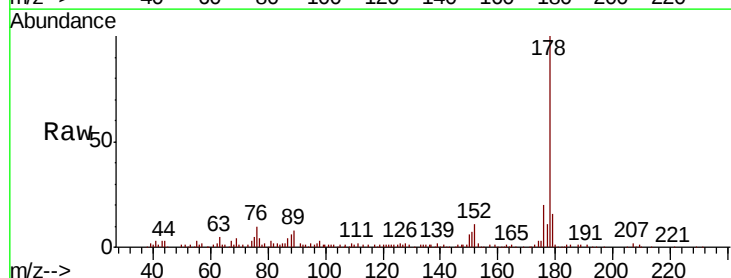
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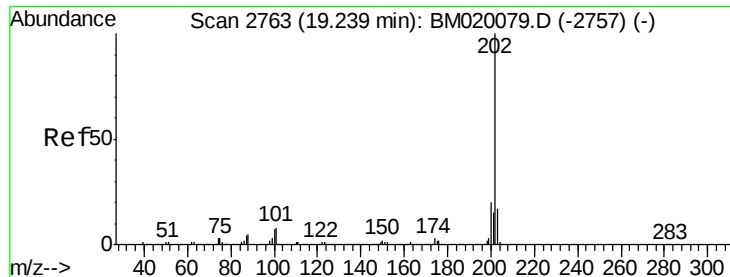
Tgt Ion:188 Resp: 680764
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 9.6 7.4 11.2



#71
Phenanthrene
Concen: 3.773 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Tgt Ion:178 Resp: 141773
Ion Ratio Lower Upper
178 100
176 20.1 14.6 21.8
179 15.8 12.4 18.6





#75

Fluoranthene

Concen: 4.393 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

ClientSampleId :

WC-1

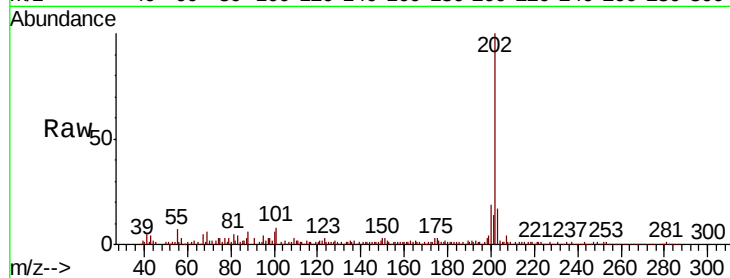
Tgt Ion:202 Resp: 208862

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.4

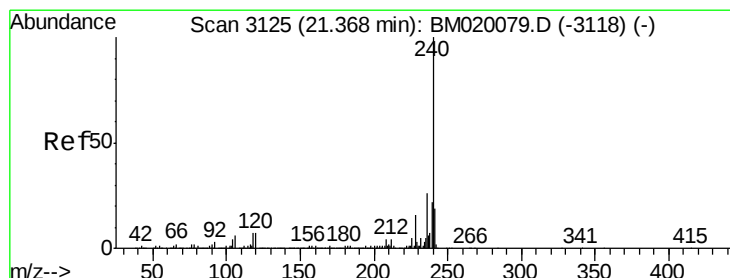
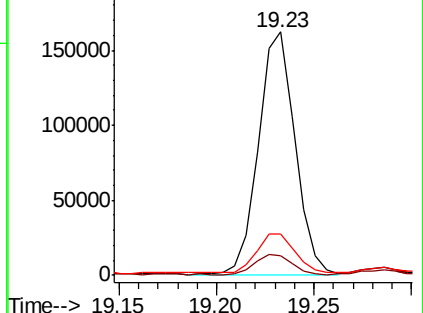
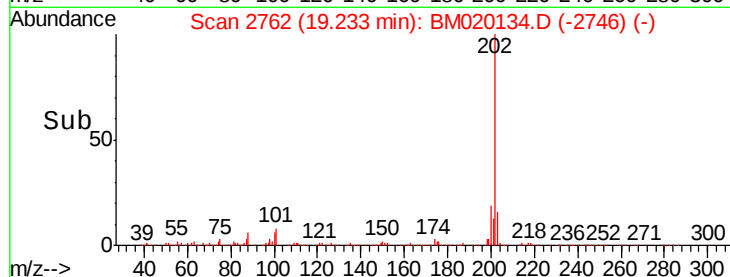
203 16.9 0.0 37.4



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: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

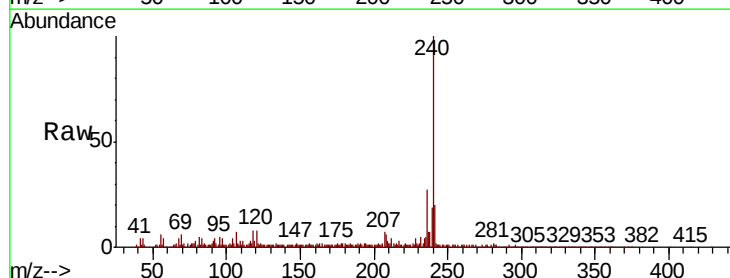
Tgt Ion:240 Resp: 697898

Ion Ratio Lower Upper

240 100

120 7.9 5.6 8.4

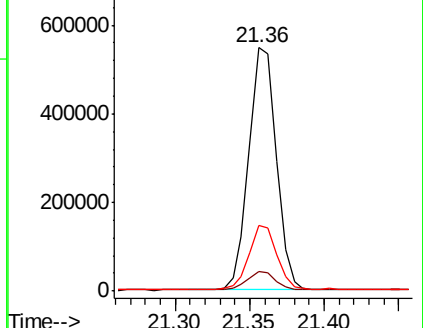
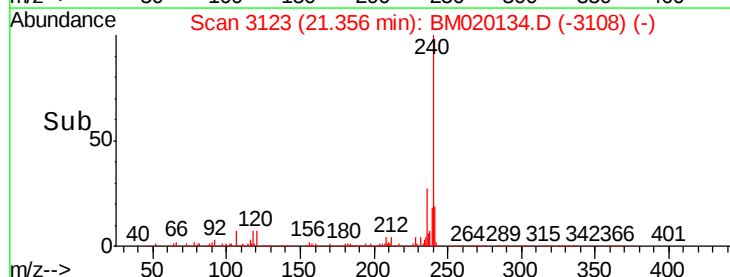
236 27.2 20.9 31.3

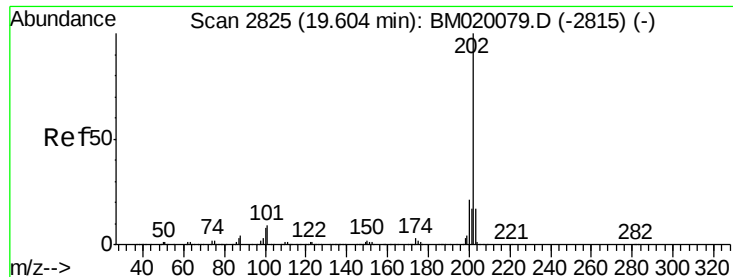


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

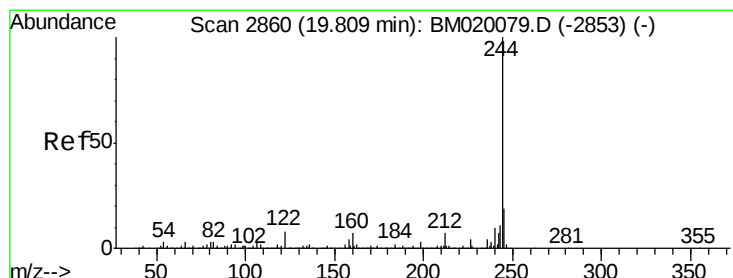
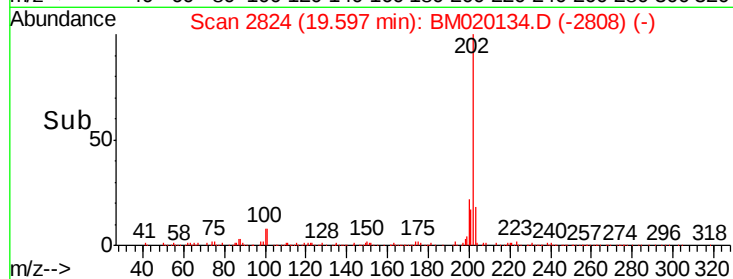
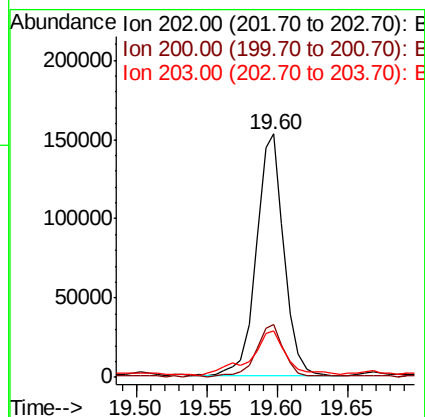
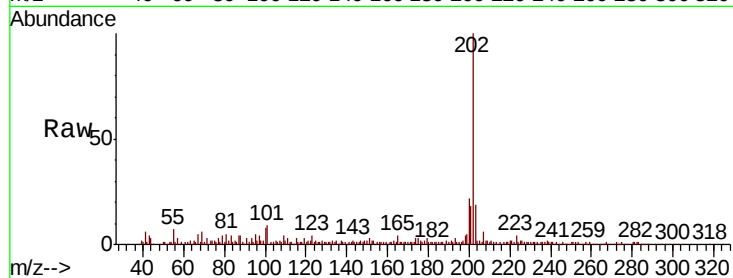




#78
 Pyrene
 Concen: 4.420 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM020134.D
 Acq: 06 May 2019 14:12

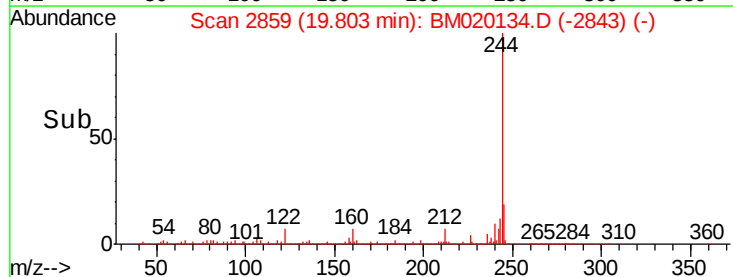
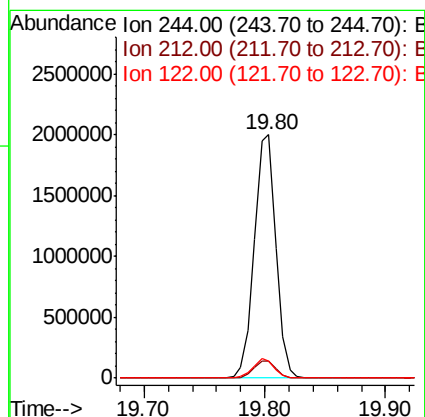
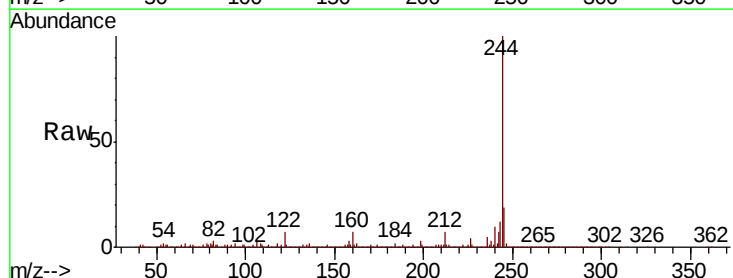
Instrument :
 BNA_M
 ClientSampleId :
 WC-1

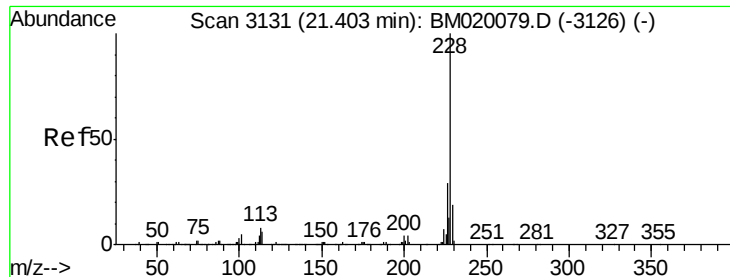
Tgt Ion:	202	Resp:	207109
Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.5	24.7
203	19.3	13.9	20.9



#79
 Terphenyl-d14
 Concen: 62.267 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020134.D
 Acq: 06 May 2019 14:12

Tgt Ion:	244	Resp:	2491445
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.1	6.2	9.2





#83

Chrysene

Concen: 2.005 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

ClientSampled :

WC-1

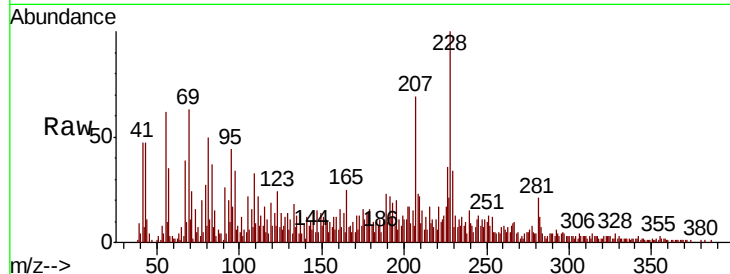
Tgt Ion:228 Resp: 95149

Ion Ratio Lower Upper

228 100

226 36.0 23.0 34.6#

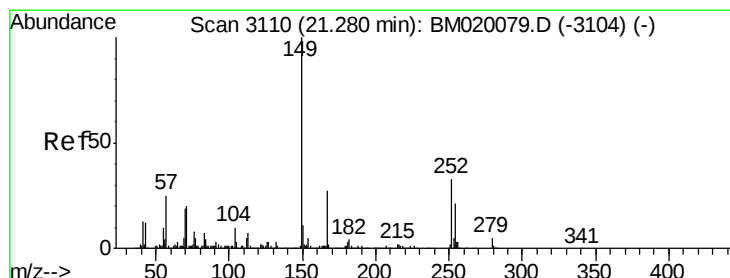
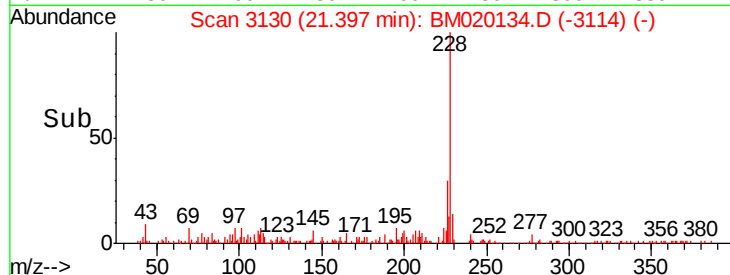
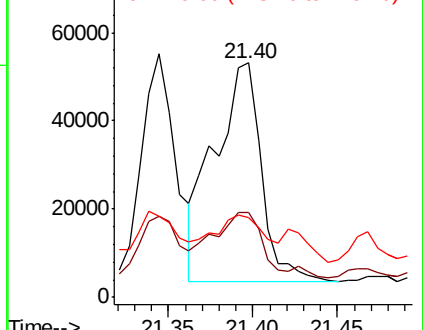
229 34.3 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.598 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

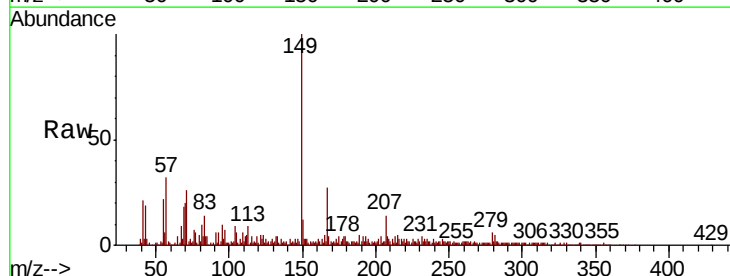
Tgt Ion:149 Resp: 253786

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

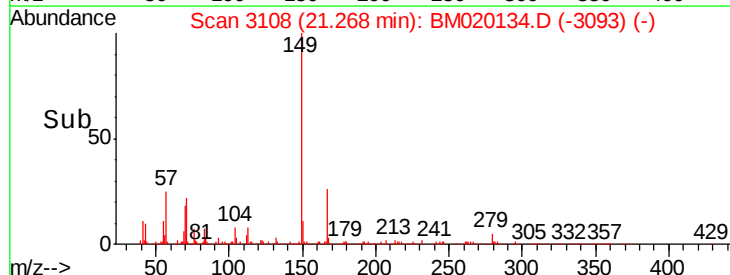
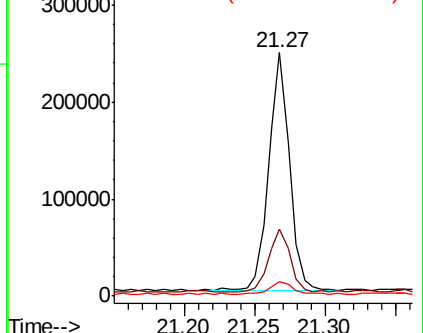
279 5.9 4.2 6.2

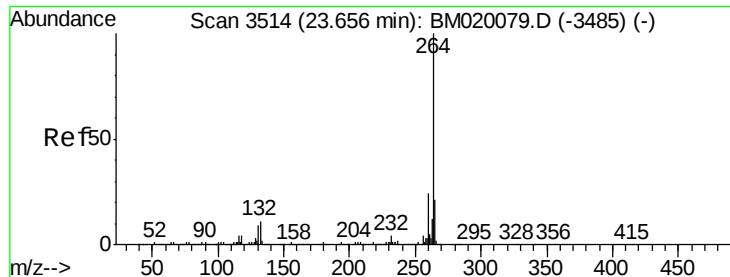


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.66 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

ClientSampleId :

WC-1

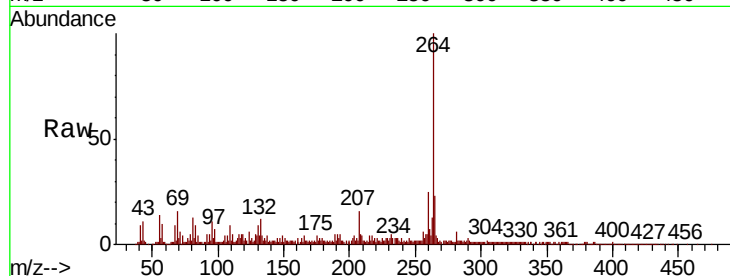
Tgt Ion:264 Resp: 826800

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

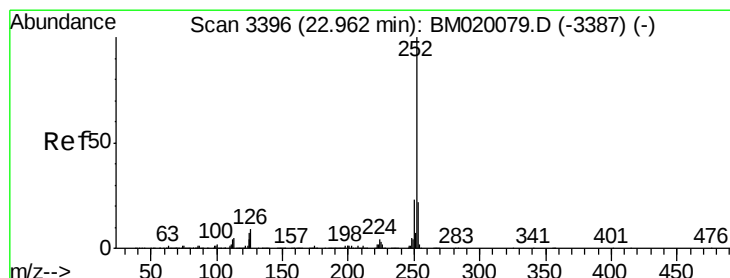
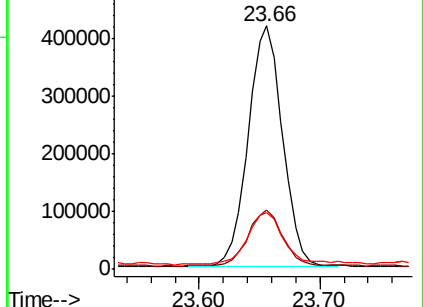
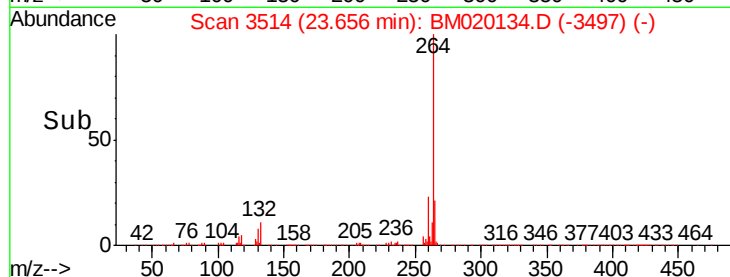
265 23.2 16.9 25.3



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



#88

Benzo(b)fluoranthene

Concen: 3.098 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.00 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

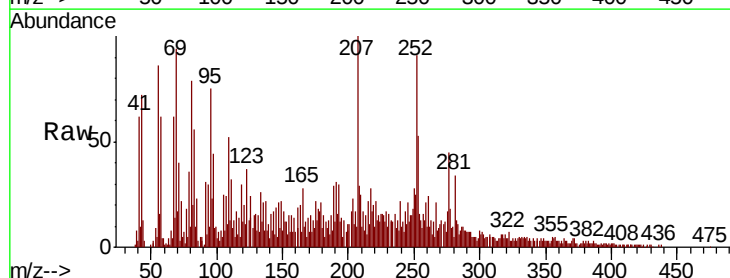
Tgt Ion:252 Resp: 169142

Ion Ratio Lower Upper

252 100

253 57.7 17.5 26.3#

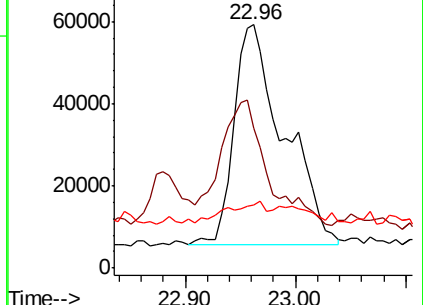
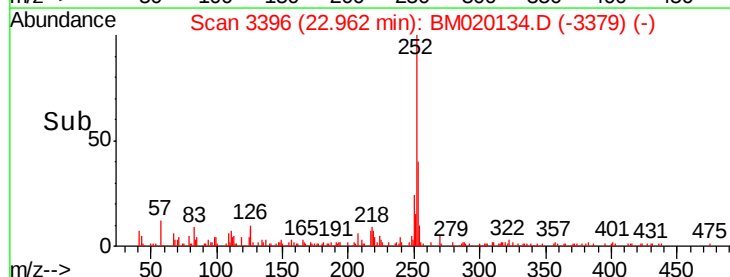
125 26.0 5.4 8.2#

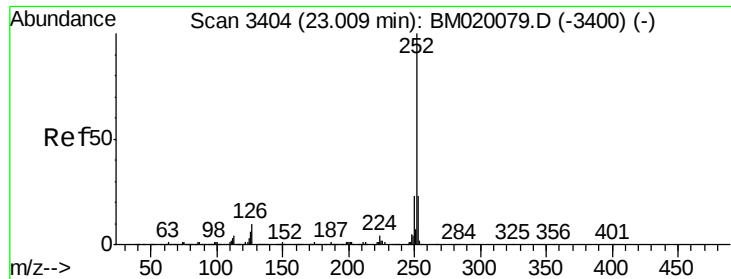


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.231 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.05 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

ClientSampleId :

WC-1

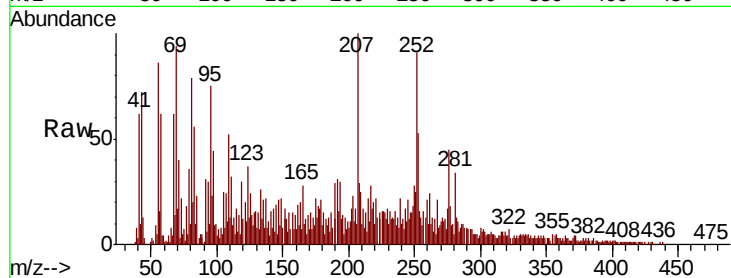
Tgt Ion: 252 Resp: 160912

Ion Ratio Lower Upper

252 100

253 57.7 17.8 26.8#

125 26.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

