

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019040.D
 Acq On : 05 Mar 2019 17:13
 Operator : JU/SJ
 Sample : K1705-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719

Quant Time: Mar 06 05:54:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	239828	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	879755	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	438526	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	901030	20.00	ng	0.00
76) Chrysene-d12	21.27	240	871232	20.00	ng	-0.01
87) Perylene-d12	23.52	264	949053	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1375008	93.94	ng	0.00
7) Phenol-d6	6.85	99	1828555	88.68	ng	0.00
23) Nitrobenzene-d5	8.85	82	1157624	60.84	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	551843	87.30	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	1947944	58.97	ng	-0.01
79) Terphenyl-d14	19.72	244	2343735	55.49	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	120	0.019	ng	# 1
3) Pyridine	3.61	79	123	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	515	0.116	ng	# 1
9) Benzaldehyde	6.86	77	4412	Below Cal		# 7
10) Phenol	6.88	94	27570	1.271	ng	# 90
15) Benzyl Alcohol	7.99	79	19795	1.208	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.22	45	347	0.022	ng	# 14
20) 3+4-Methylphenols	8.47	107	407	0.021	ng	# 70
22) Acetophenone	8.53	105	389	0.016	ng	# 1
24) Nitrobenzene	8.85	77	3992	0.202	ng	# 38
25) Isophorone	9.37	82	1025	0.034	ng	# 68
31) Naphthalene	10.51	128	1947	0.045	ng	# 68
46) 1,1'-Biphenyl	13.16	154	2885	0.076	ng	# 80
49) Acenaphthylene	14.05	152	2001	0.046	ng	# 61
50) Dimethylphthalate	13.80	163	114629	3.137	ng	# 100
52) Acenaphthene	14.40	154	426	0.016	ng	# 53
55) Dibenzofuran	14.74	168	491	0.011	ng	# 44
58) Fluorene	15.39	166	512	0.015	ng	# 57
60) Diethylphthalate	15.17	149	1857	0.049	ng	# 59
63) Azobenzene	15.67	77	107	0.003	ng	# 57
71) Phenanthrene	17.13	178	28008	0.578	ng	# 97
72) Anthracene	17.22	178	5737	0.122	ng	# 99
73) Carbazole	17.51	167	3220	0.065	ng	# 79
74) Di-n-butylphthalate	18.05	149	17396	0.307	ng	# 97
75) Fluoranthene	19.15	202	87151	1.558	ng	# 98
78) Pyrene	19.52	202	84272	1.665	ng	# 99
80) Butylbenzylphthalate	20.42	149	3091	0.134	ng	# 89
81) Benzo(a)anthracene	21.26	228	56793	1.118	ng	# 97
82) 3,3'-Dichlorobenzidine	21.20	252	227	0.011	ng	# 26
83) Chrysene	21.32	228	63906	1.313	ng	# 98
84) Bis(2-ethylhexyl)phthalate	21.19	149	75628	2.241	ng	# 98
85) Di-n-octyl phthalate	22.06	149	1089	0.019	ng	# 8
86) Indeno(1,2,3-cd)pyrene	25.80	276	53537	0.953	ng	# 96
88) Benzo(b)fluoranthene	22.85	252	96102	1.770	ng	# 97

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QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

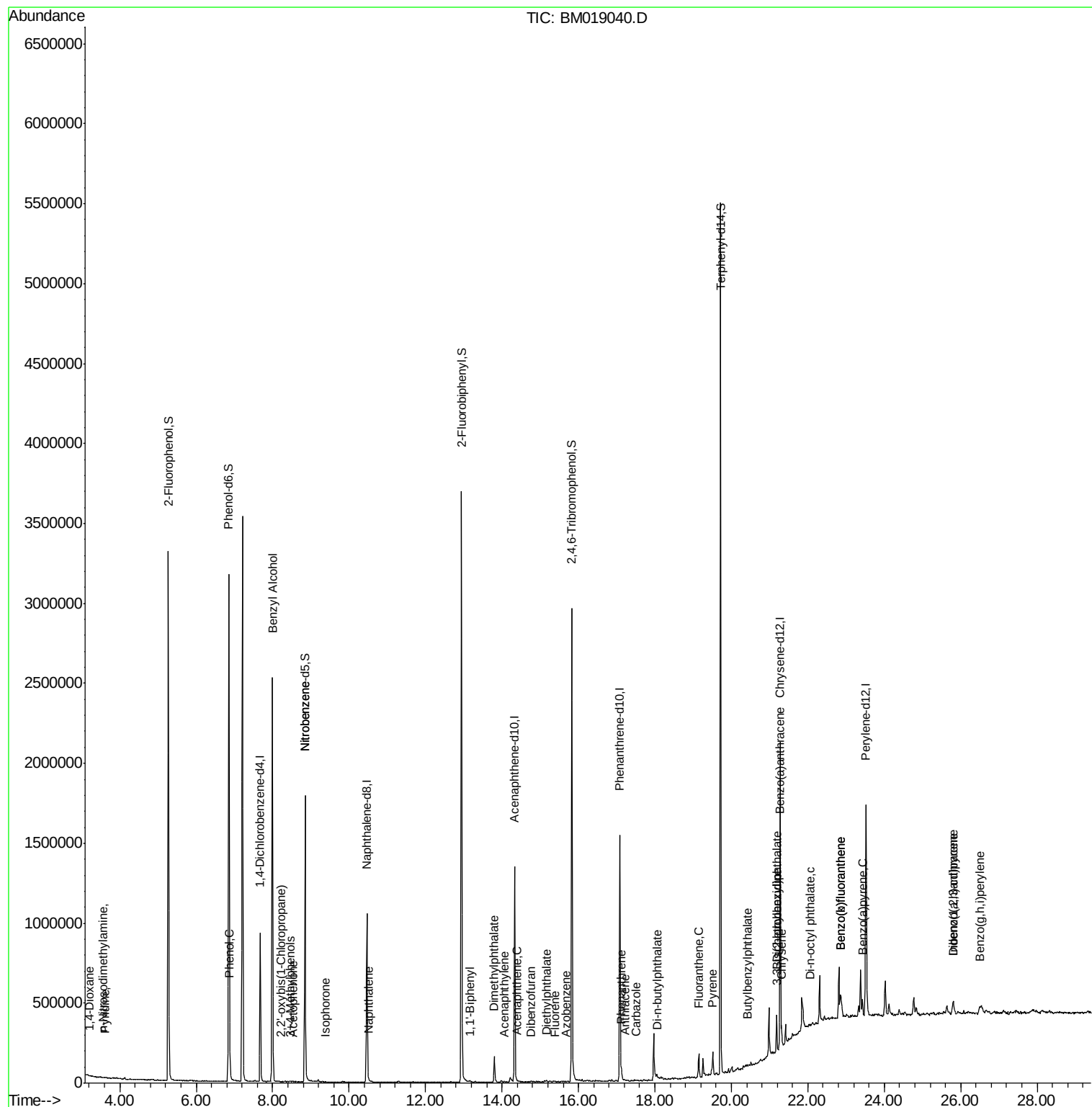
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	22.85	252	95238	1.762	ng	# 97
90) Benzo(a)pyrene	23.42	252	64190	1.248	ng	# 93
91) Dibenzo(a,h)anthracene	25.81	278	13221	0.259	ng	# 84
92) Benzo(g,h,i)perylene	26.50	276	52787	1.113	ng	96

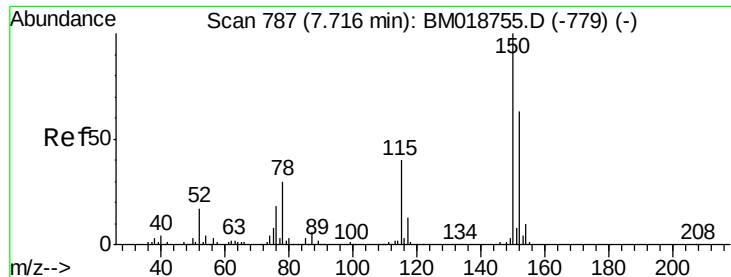
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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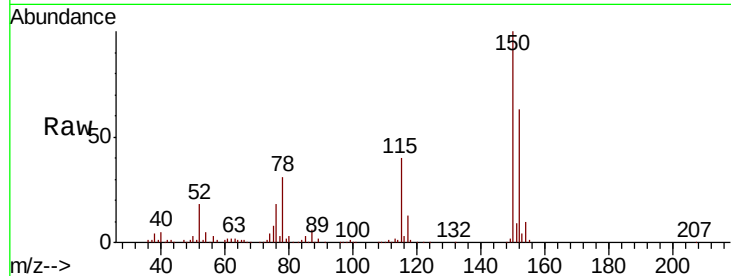


#1

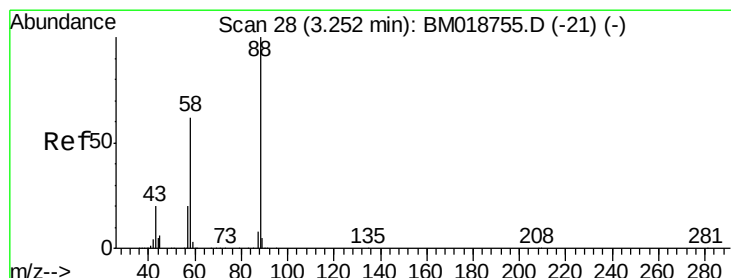
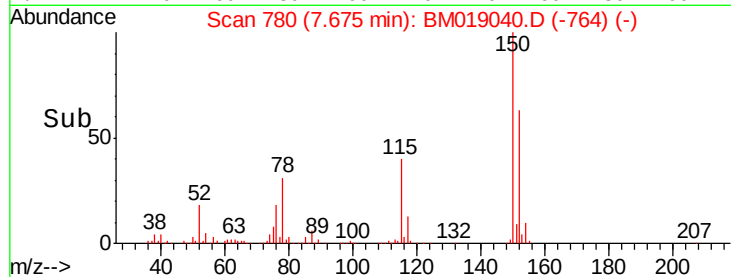
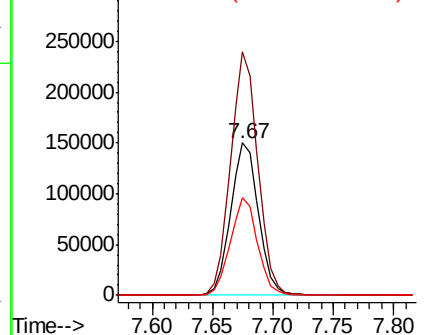
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:152 Resp: 239828
Ion Ratio Lower Upper
152 100
150 159.6 127.3 190.9
115 64.4 50.8 76.2



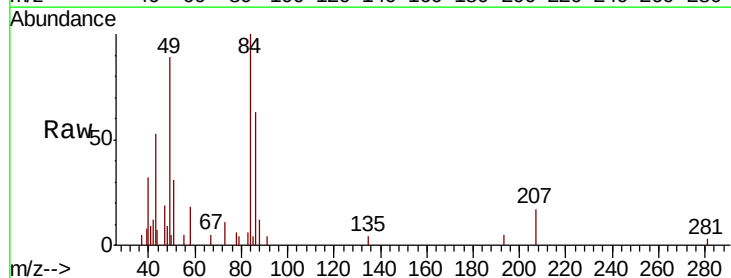
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



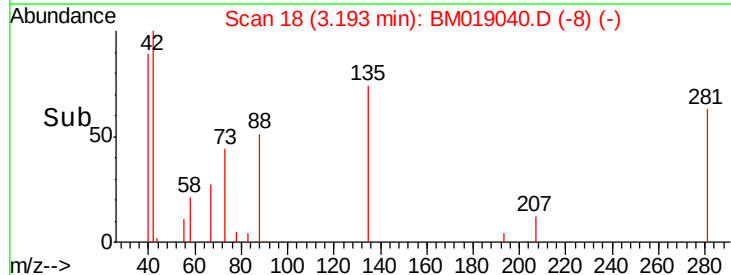
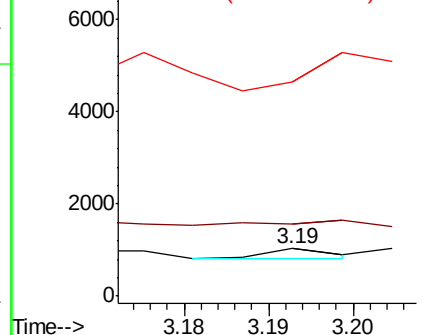
#2

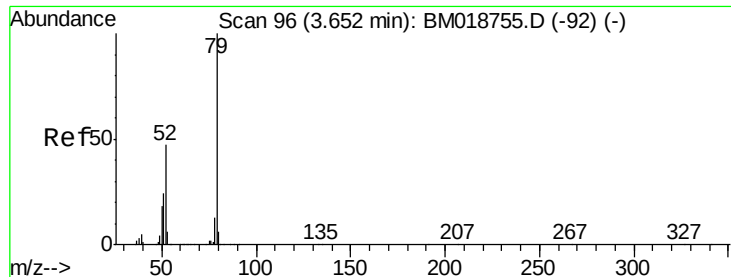
1,4-Dioxane
Concen: 0.019 ng
RT: 3.19 min Scan# 18
Delta R.T. -0.04 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
58 0.0 49.8 74.6#
43 1013.3 16.7 25.1#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 0.007 ng

RT: 3.61 min Scan# 89

Delta R.T. -0.02 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

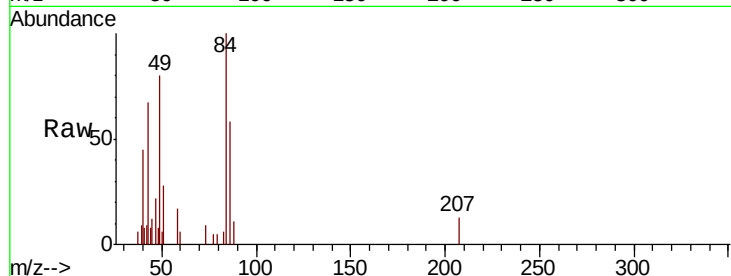
Tgt Ion: 79 Resp: 123

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

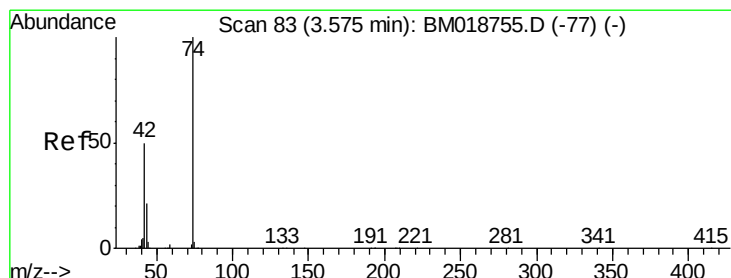
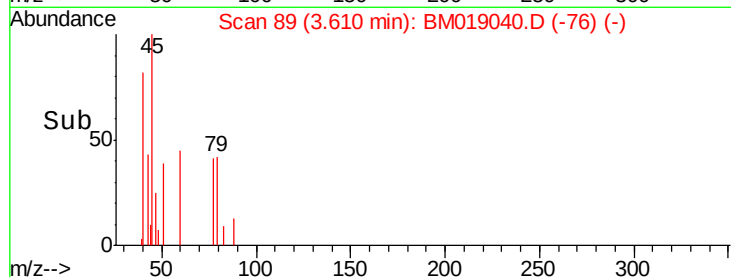
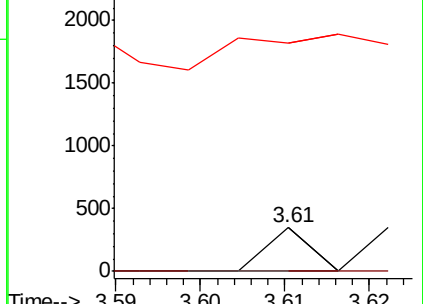
51 523.6 19.7 29.5#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 0.116 ng

RT: 3.58 min Scan# 83

Delta R.T. 0.02 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

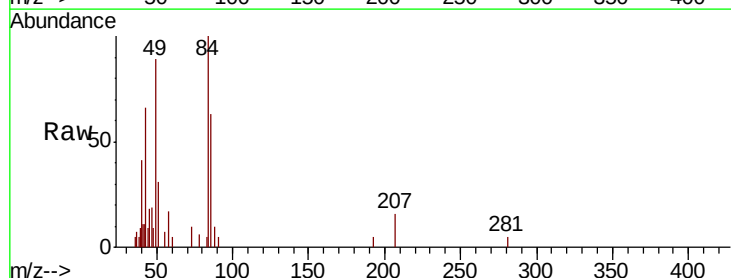
Tgt Ion: 42 Resp: 515

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

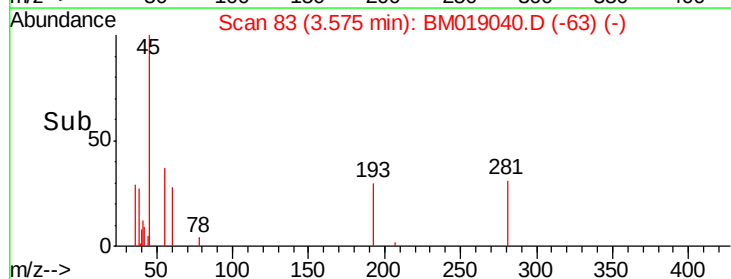
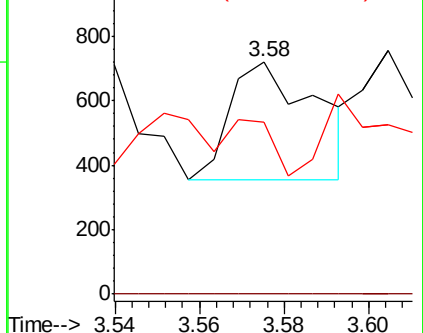
44 74.2 4.9 7.3#

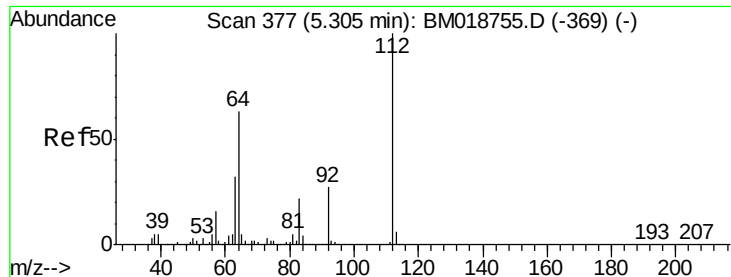


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 93.939 ng

RT: 5.28 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

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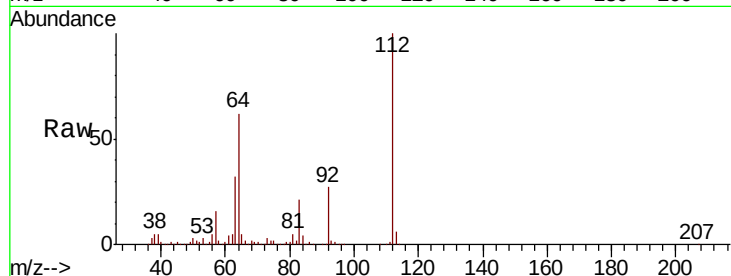
Tgt Ion:112 Resp: 1375008

Ion Ratio Lower Upper

112 100

64 62.0 50.6 75.8

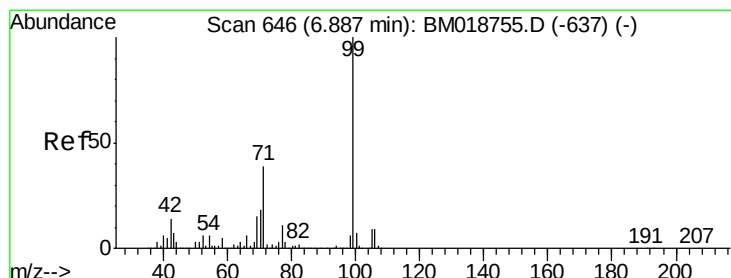
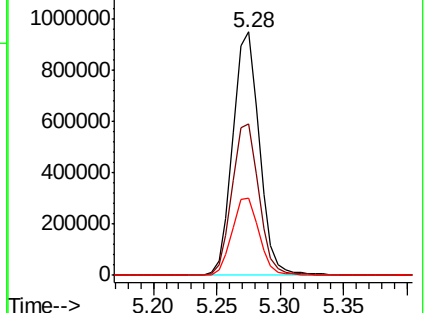
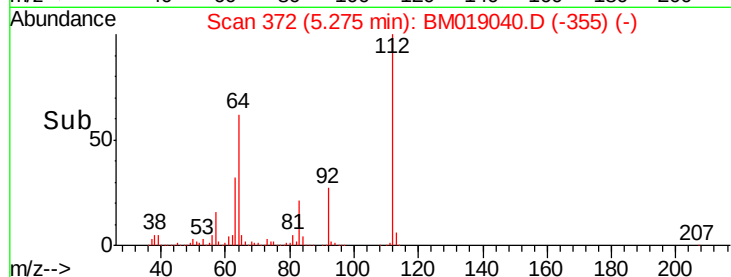
63 31.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 88.677 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

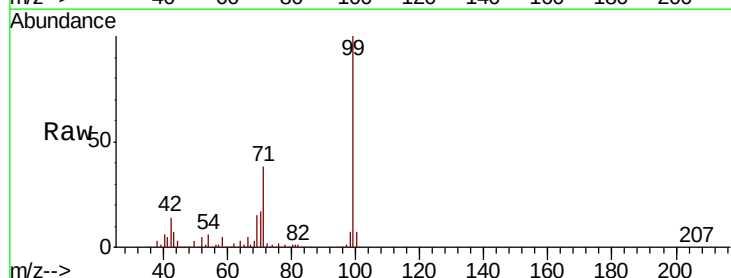
Tgt Ion: 99 Resp: 1828555

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

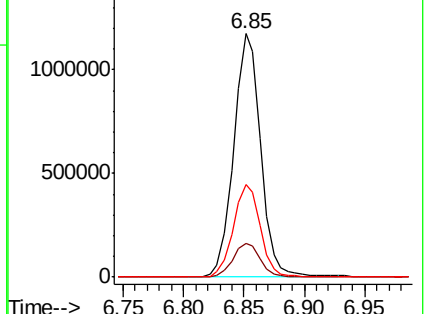
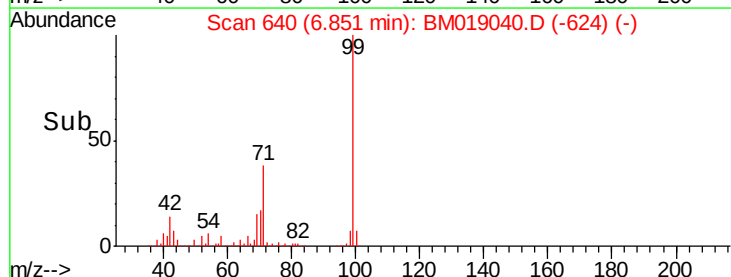
71 37.9 31.3 46.9

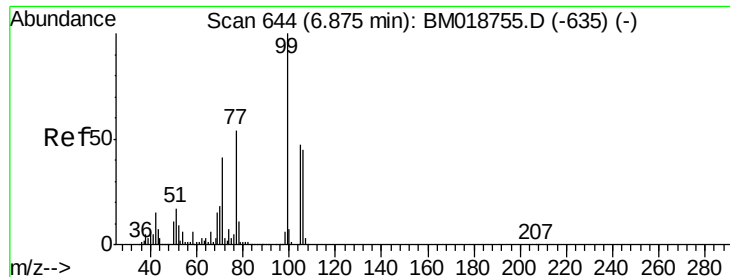


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: Below Cal

RT: 6.86 min Scan# 641

Delta R.T. 0.02 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

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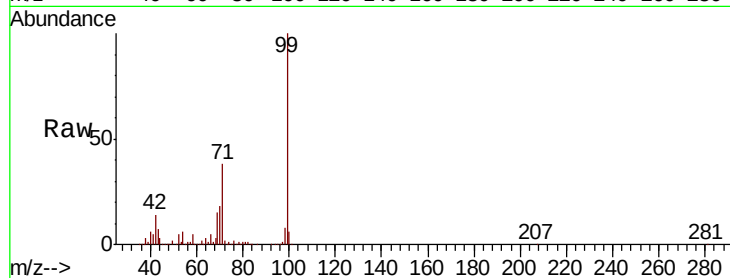
Tgt Ion: 77 Resp: 4412

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

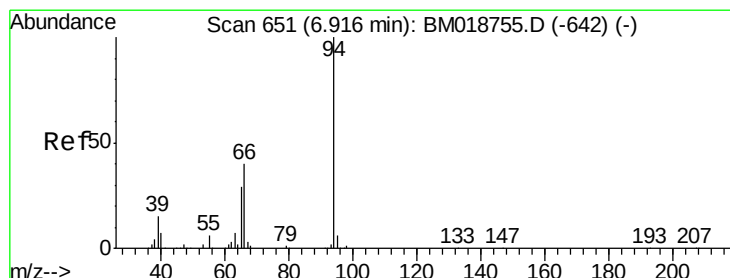
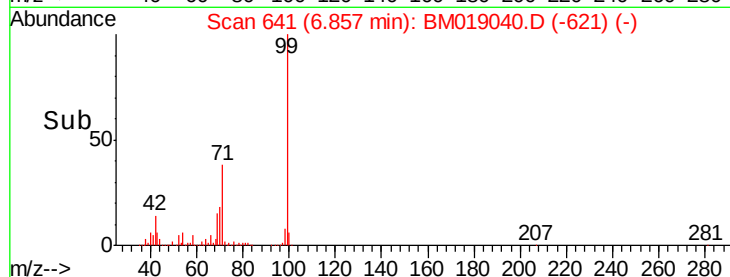
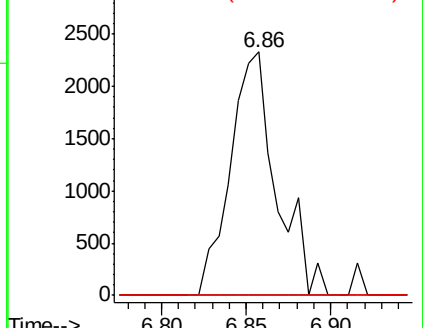
106 0.0 62.9 102.9#



Abundance Ion 77.00 (76.70 to 77.70): BM019040.D (-621) (-)

Ion 105.00 (104.70 to 105.70): BM019040.D (-621) (-)

Ion 106.00 (105.70 to 106.70): BM019040.D (-621) (-)



#10

Phenol

Concen: 1.271 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

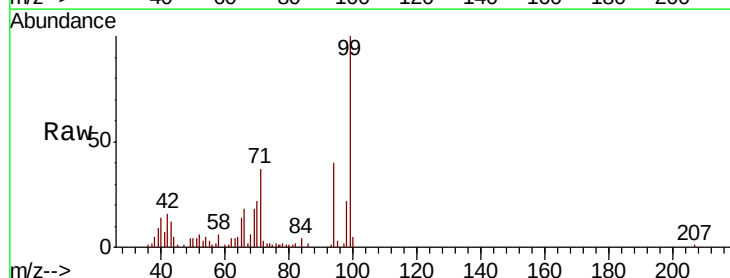
Tgt Ion: 94 Resp: 27570

Ion Ratio Lower Upper

94 100

65 35.8 9.6 49.6

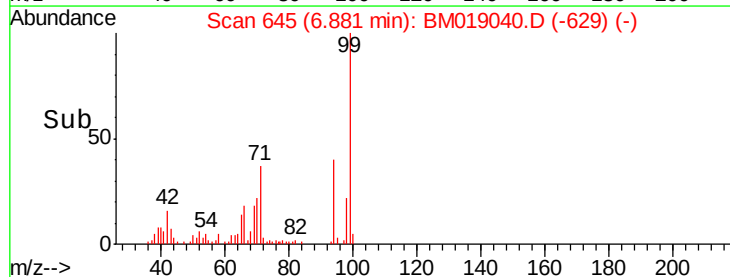
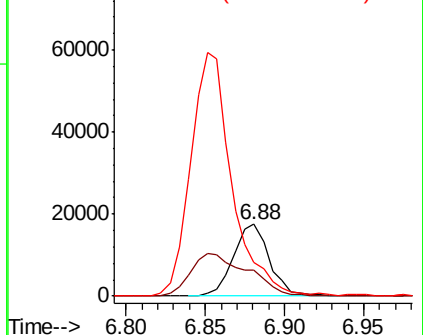
66 46.1 20.4 60.4

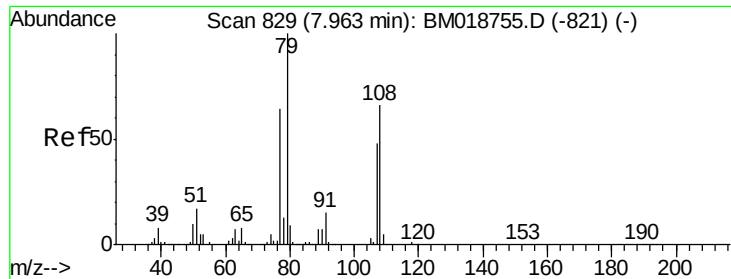


Abundance Ion 94.00 (93.70 to 94.70): BM019040.D (-629) (-)

Ion 65.00 (64.70 to 65.70): BM019040.D (-629) (-)

Ion 66.00 (65.70 to 66.70): BM019040.D (-629) (-)

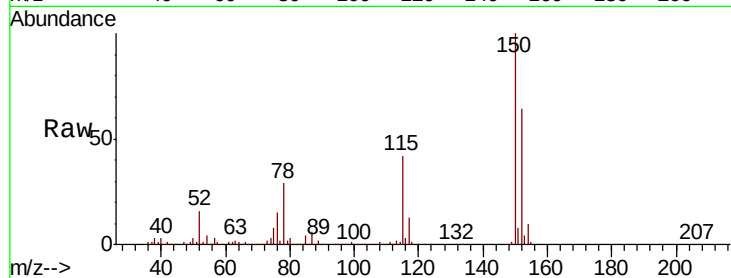




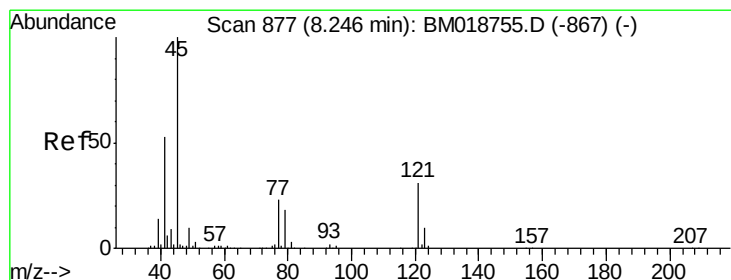
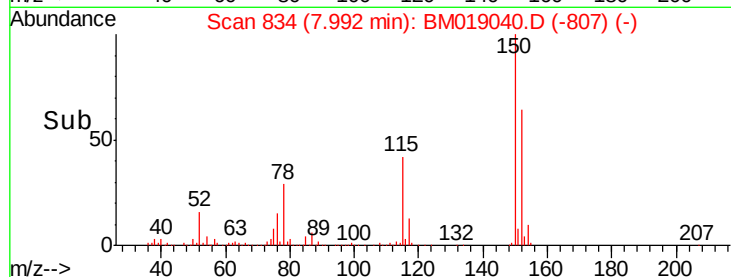
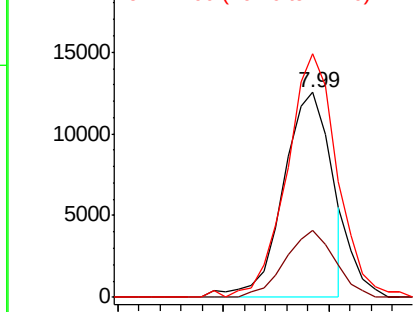
#15
Benzyl Alcohol
Concen: 1.208 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.06 min
Lab File: BM019040.D
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Tgt Ion: 79 Resp: 19795
Ion Ratio Lower Upper
79 100
108 32.8 52.7 79.1#
77 118.7 51.0 76.4#

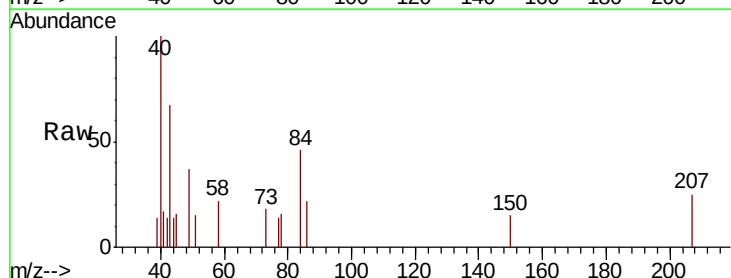


Abundance Ion 79.00 (78.70 to 79.70): BM019040.D (-807) (-)
Ion 108.00 (107.70 to 108.70): BM019040.D (-807) (-)
Ion 77.00 (76.70 to 77.70): BM019040.D (-807) (-)

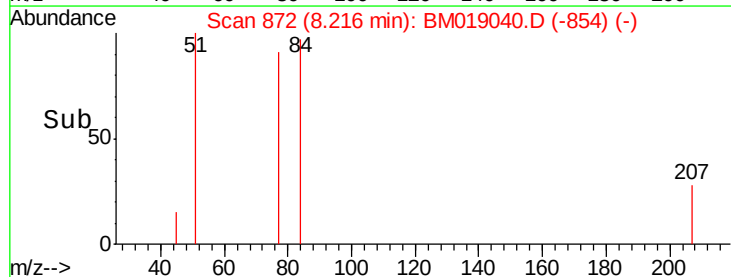
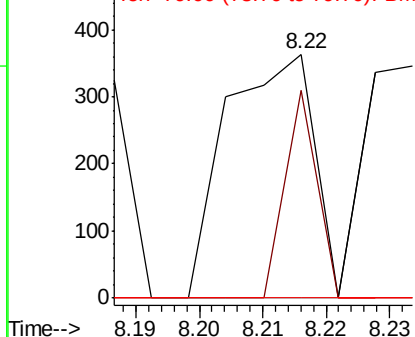


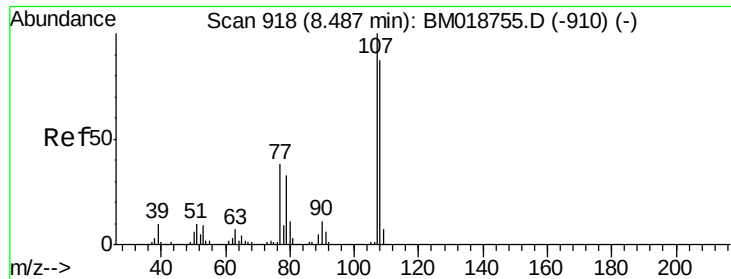
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.022 ng
RT: 8.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 45 Resp: 347
Ion Ratio Lower Upper
45 100
77 85.1 5.0 45.0#
79 0.0 0.0 39.3



Abundance Ion 45.00 (44.70 to 45.70): BM019040.D (-854) (-)
Ion 77.00 (76.70 to 77.70): BM019040.D (-854) (-)
Ion 79.00 (78.70 to 79.70): BM019040.D (-854) (-)

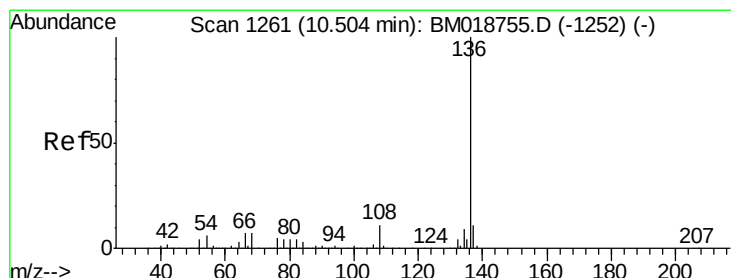
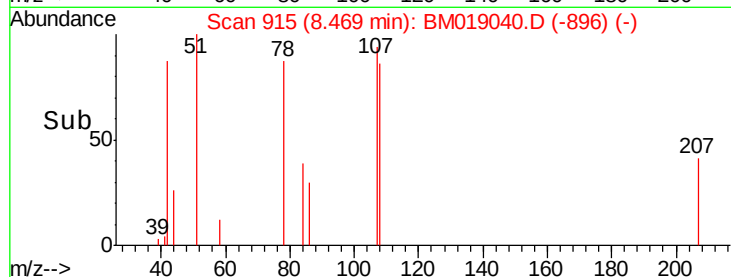
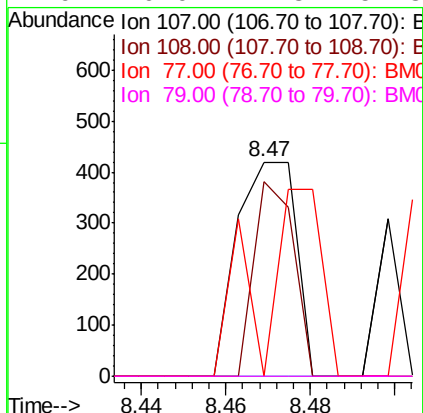
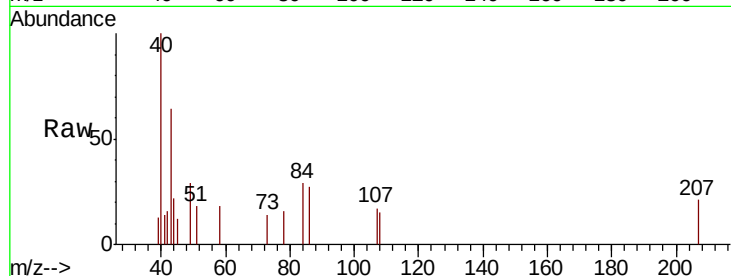




#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 8.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

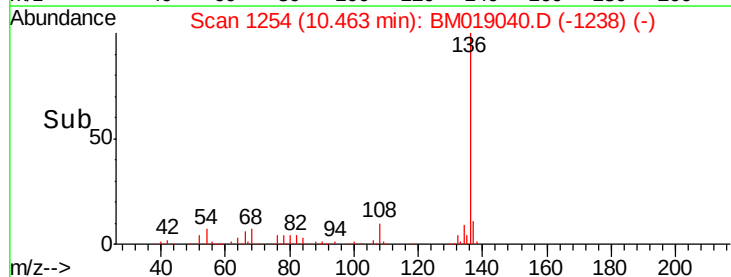
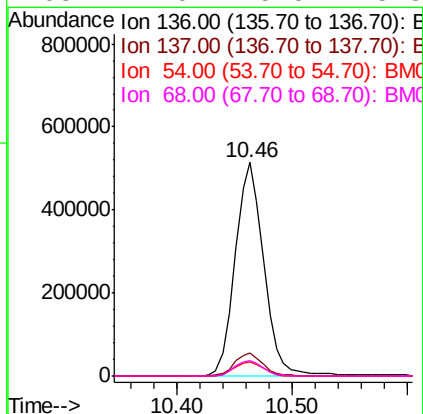
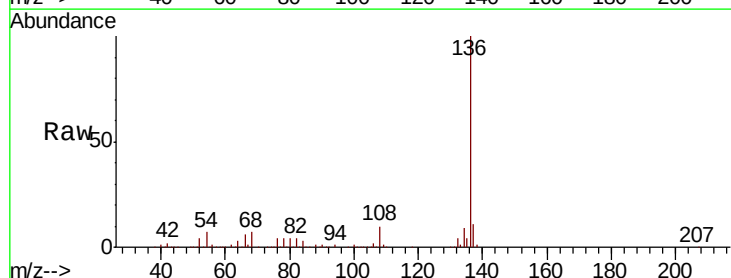
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

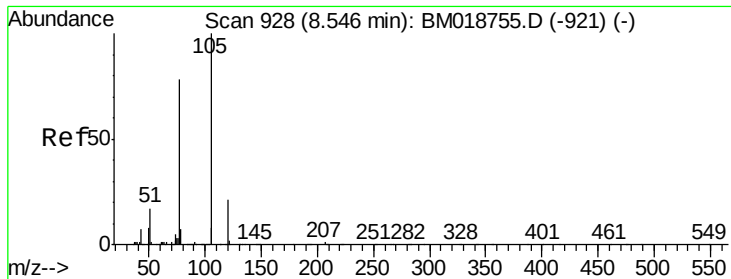
Tgt Ion:	107	Resp:	407
Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.3	107.3
77	0.0	18.0	58.0#
79	0.0	12.8	52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:	136	Resp:	879755
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.0	7.6
68	7.0	5.5	8.3

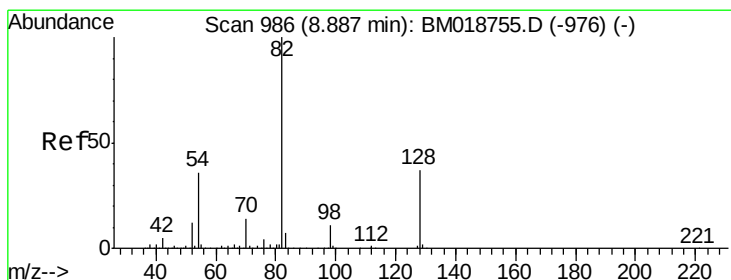
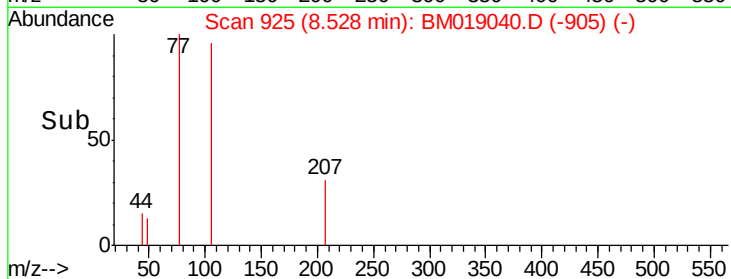
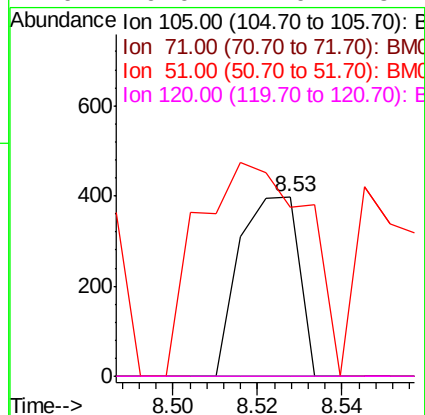
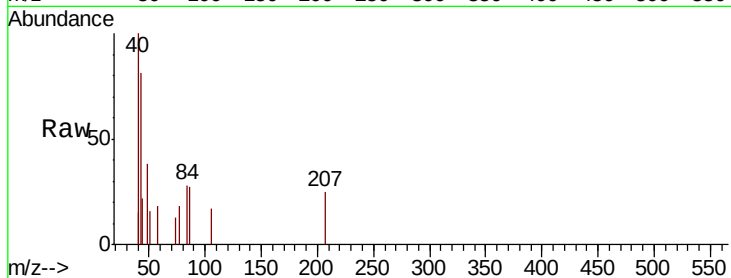




#22
Acetophenone
Concen: 0.016 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

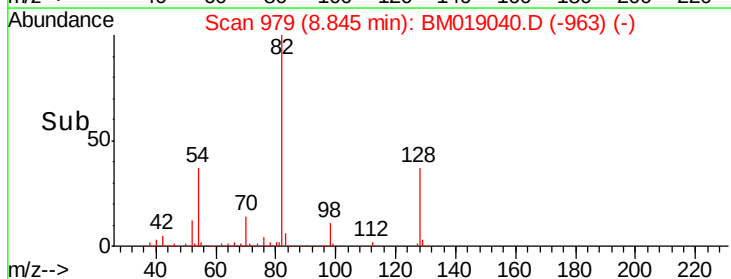
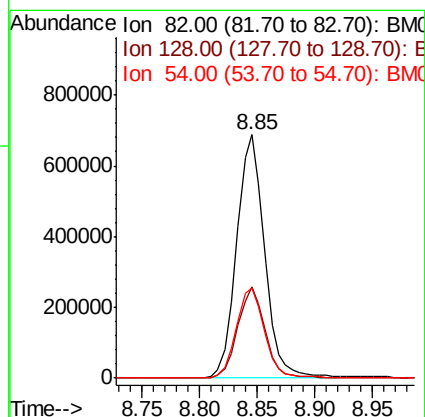
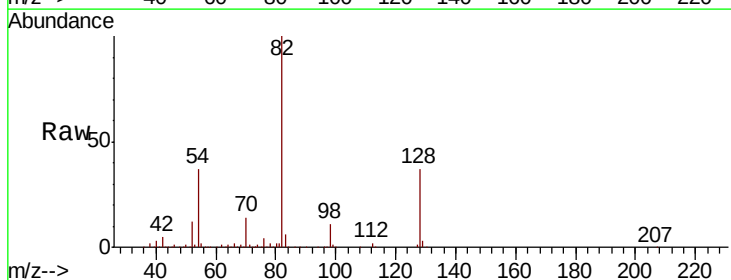
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

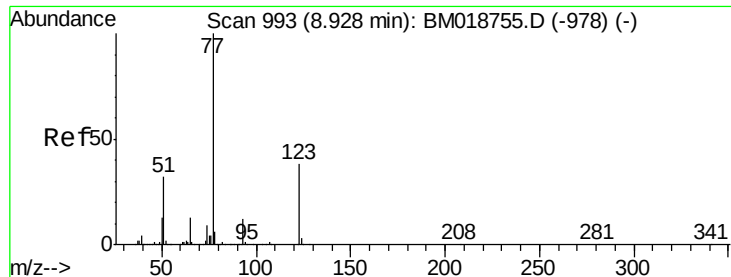
Tgt Ion: 105 Resp: 389
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 94.0 15.5 23.3#
120 0.0 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 60.843 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 82 Resp: 1157624
Ion Ratio Lower Upper
82 100
128 37.4 29.9 44.9
54 37.2 29.1 43.7

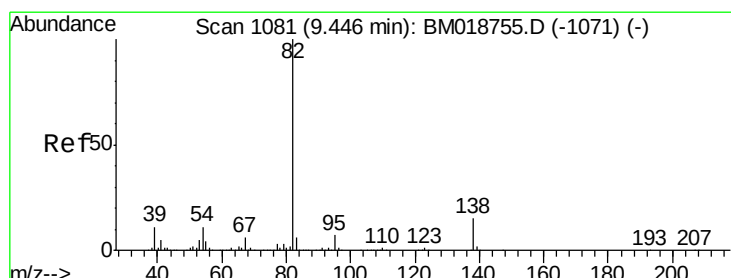
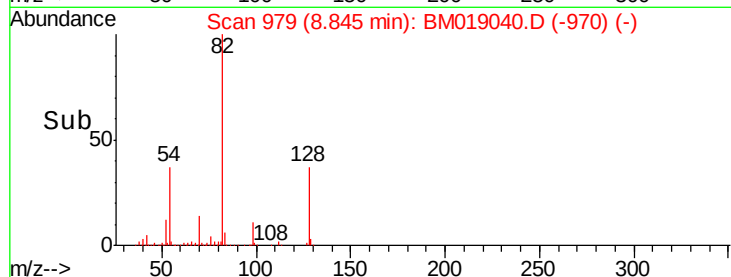
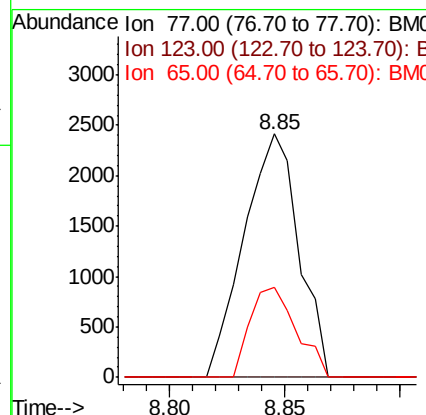
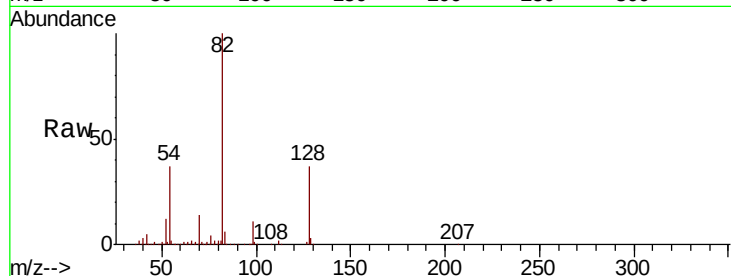




#24
 Nitrobenzene
 Concen: 0.202 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.05 min
 Lab File: BM019040.D
 Acq: 05 Mar 2019 17:13

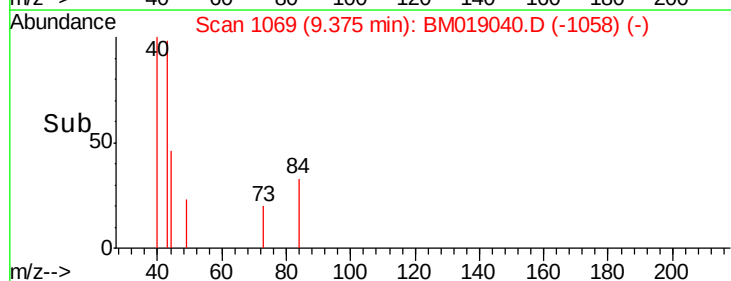
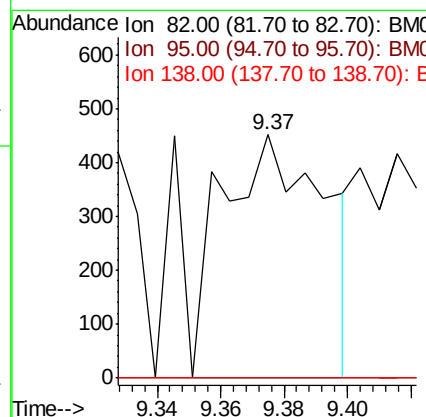
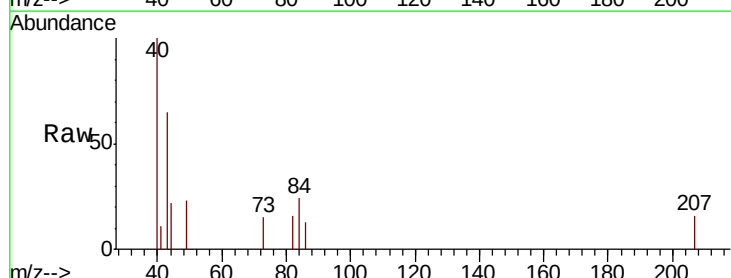
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719

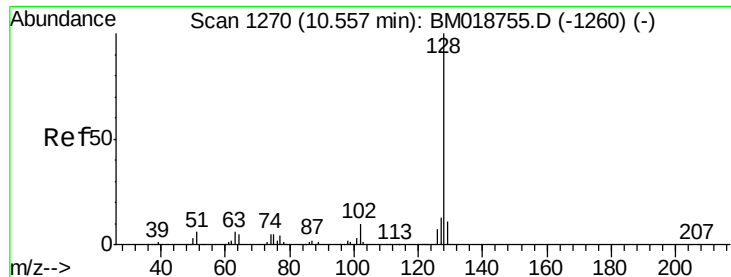
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.7	46.1#
65	36.9	10.5	15.7#



#25
 Isophorone
 Concen: 0.034 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.04 min
 Lab File: BM019040.D
 Acq: 05 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	12.3	18.5#

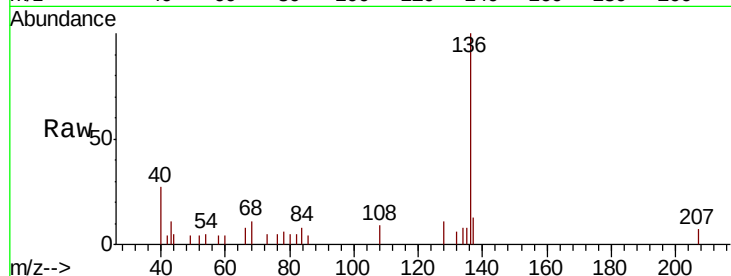




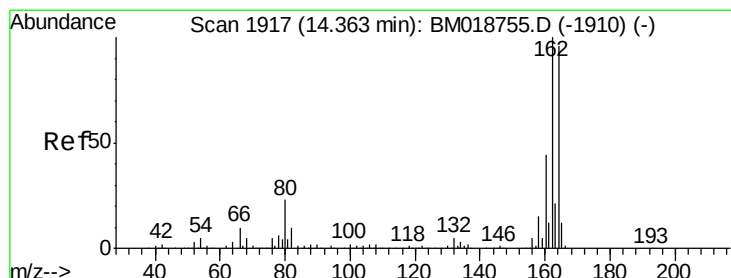
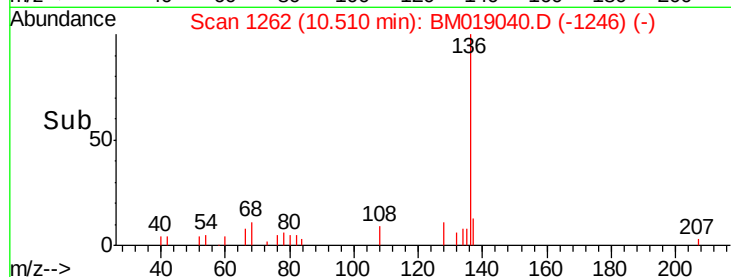
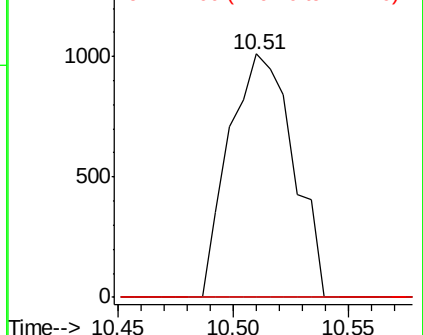
#31
Naphthalene
Concen: 0.045 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:128 Resp: 1947
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.7 16.1#

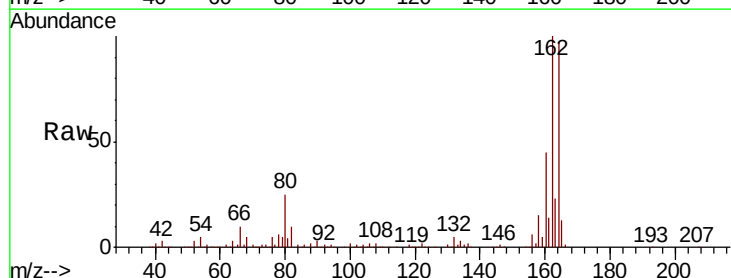


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

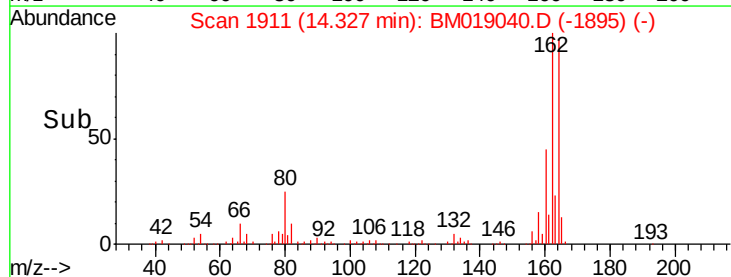
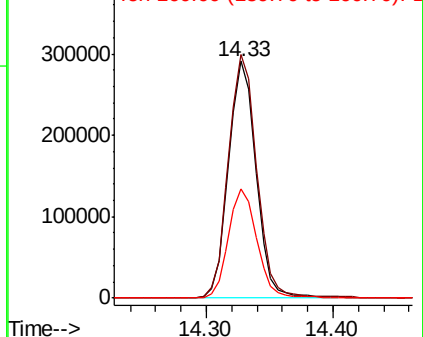


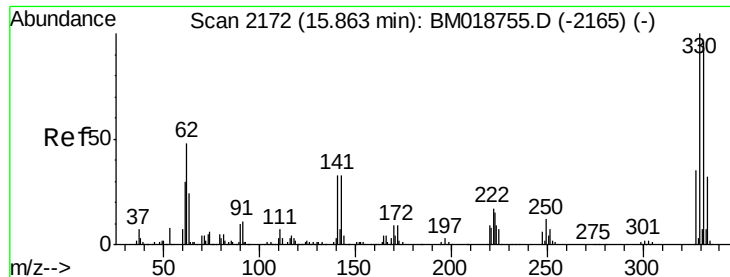
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:164 Resp: 438526
Ion Ratio Lower Upper
164 100
162 102.7 83.4 125.0
160 45.8 36.6 55.0



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: 87.300 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

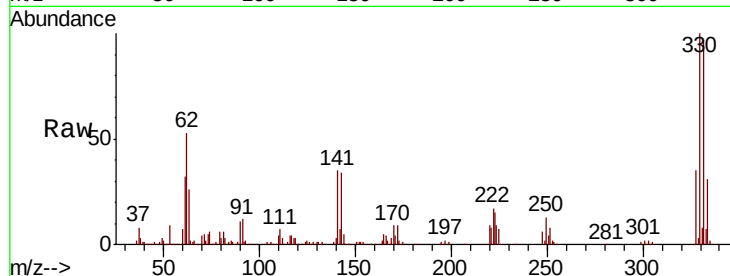
Tgt Ion:330 Resp: 551843

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

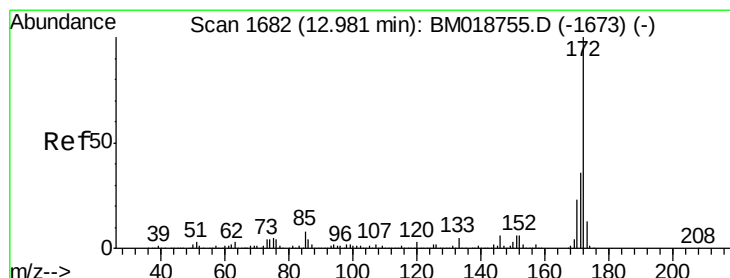
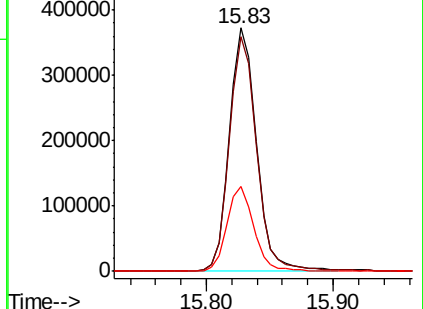
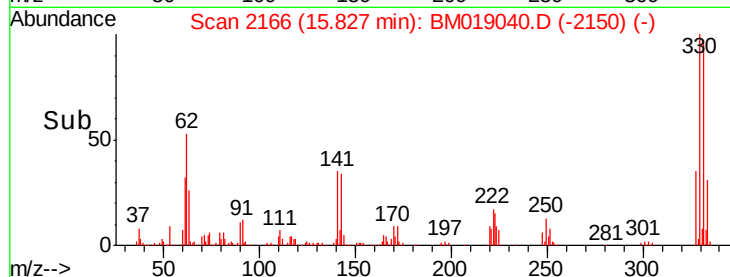
141 34.6 28.7 43.1



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: 58.967 ng

RT: 12.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

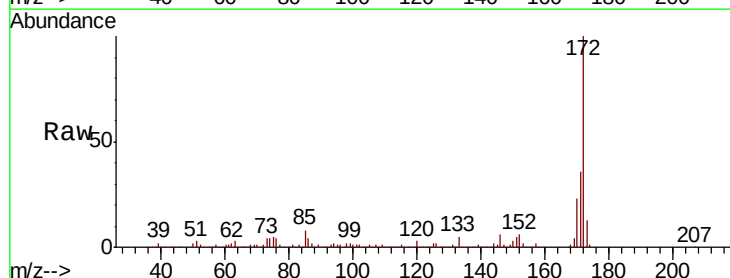
Tgt Ion:172 Resp: 1947944

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

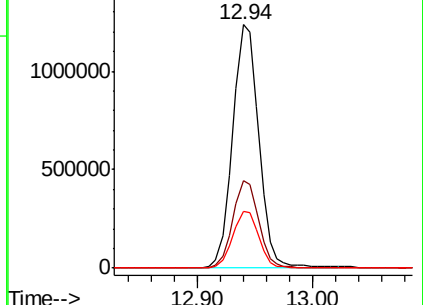
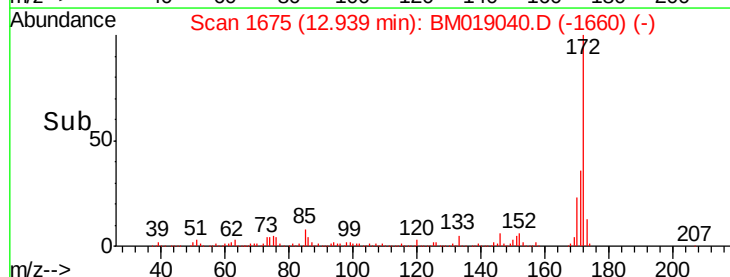
170 23.3 18.6 28.0

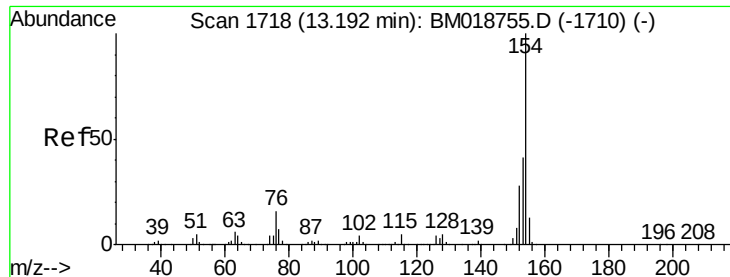


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

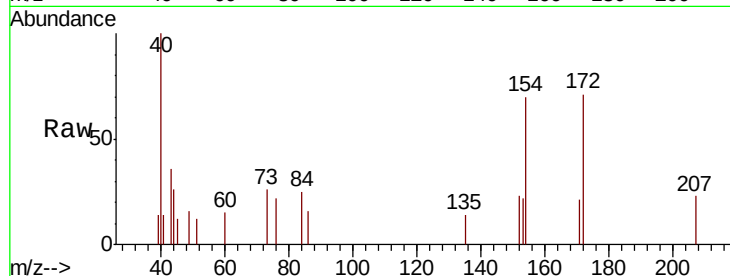




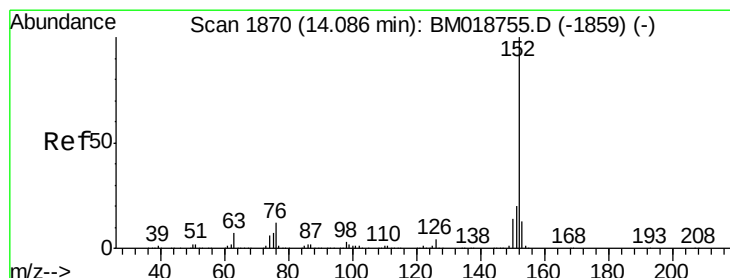
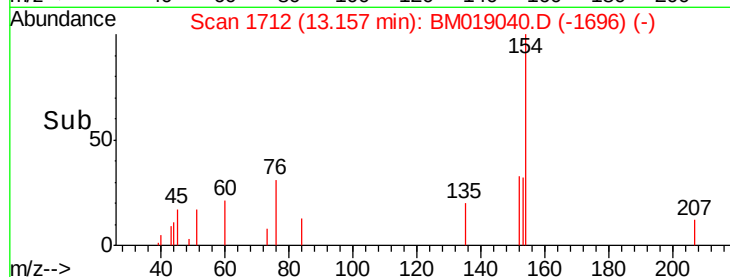
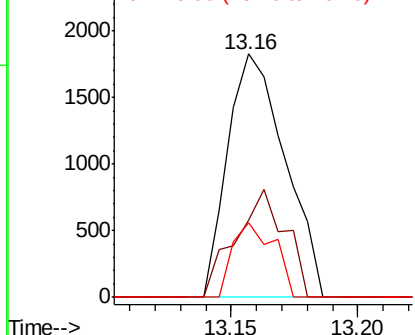
#46
1,1'-Biphenyl
Concen: 0.076 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion	Ratio	Lower	Upper
154	100		
153	32.0	21.1	61.1
76	30.8	0.0	35.7

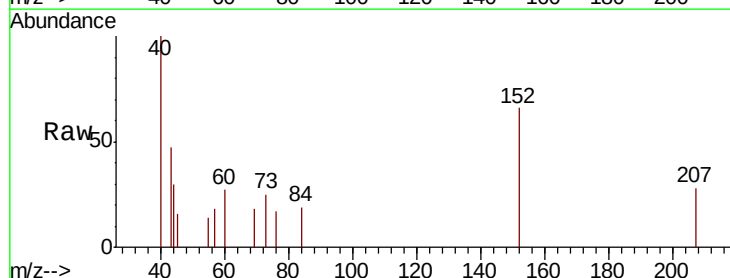


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

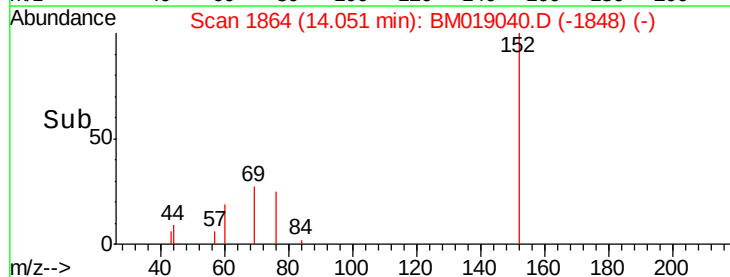
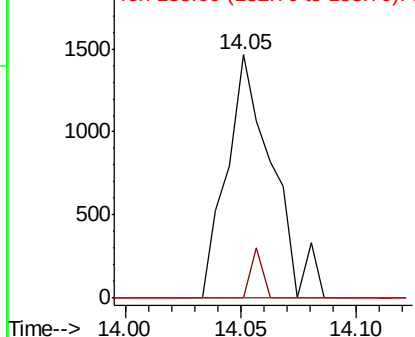


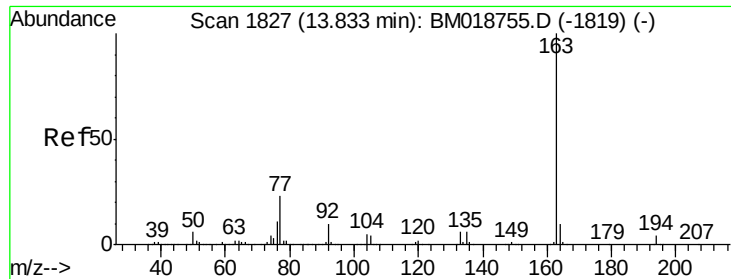
#49
Acenaphthylene
Concen: 0.046 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.8	23.8#
153	0.0	10.5	15.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

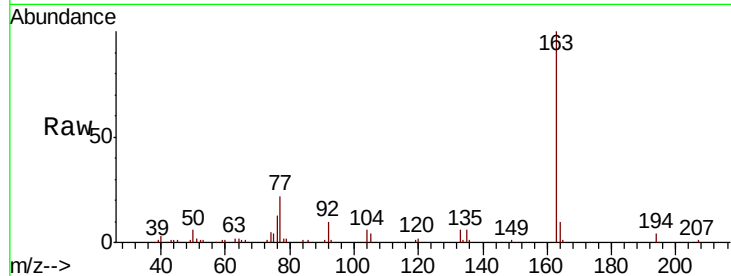




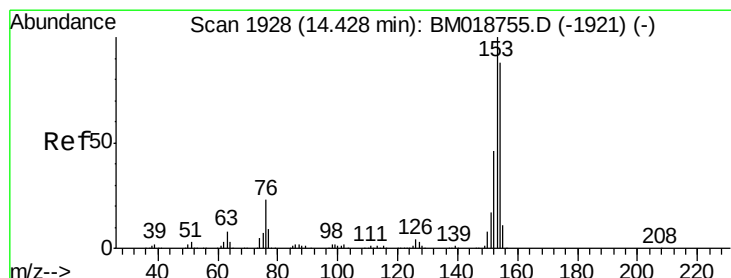
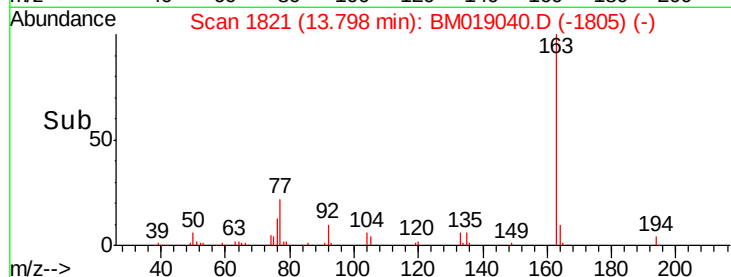
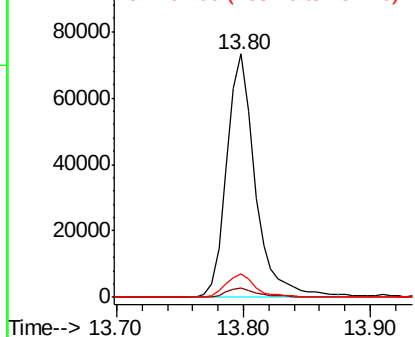
#50
Dimethylphthalate
Concen: 3.137 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:163 Resp: 114629
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 7.8 11.8

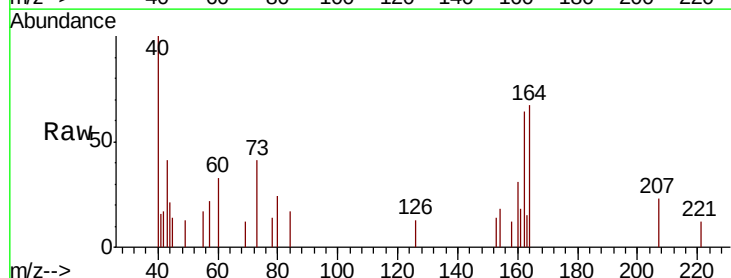


Abundance Ion 163.00 (162.70 to 163.70): E
100000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

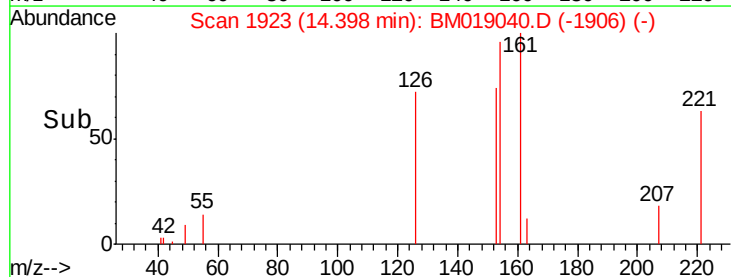
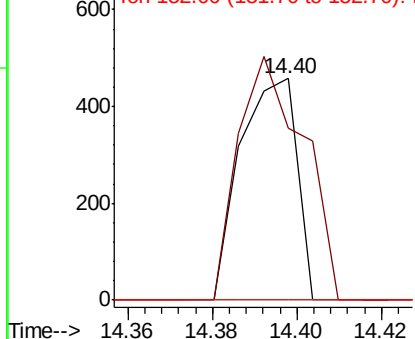


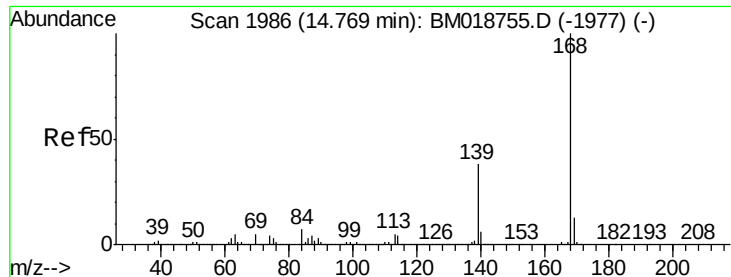
#52
Acenaphthene
Concen: 0.016 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:154 Resp: 426
Ion Ratio Lower Upper
154 100
153 77.9 91.3 136.9#
152 0.0 42.2 63.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 0.011 ng

RT: 14.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

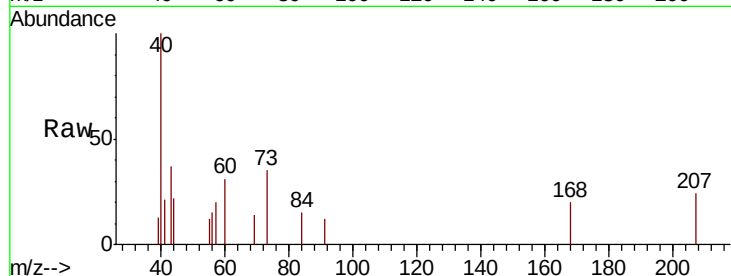
Tgt Ion:168 Resp: 491

Ion Ratio Lower Upper

168 100

139 0.0 30.7 46.1#

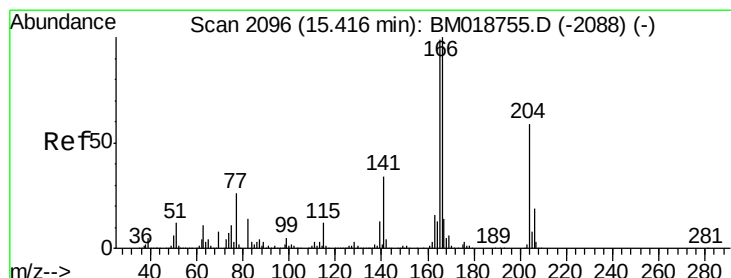
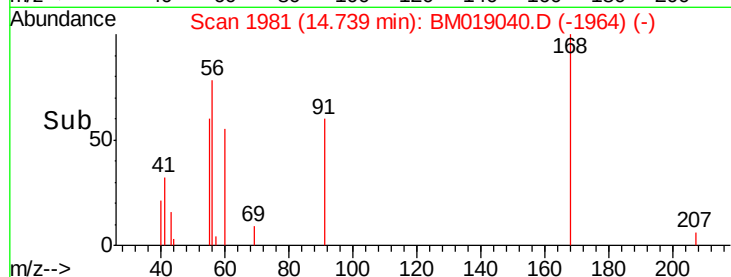
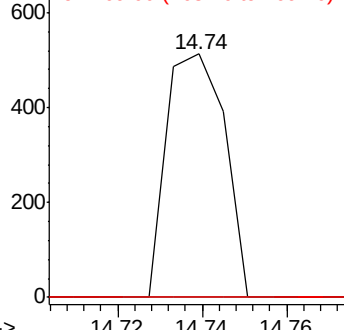
169 0.0 10.3 15.5#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#58

Fluorene

Concen: 0.015 ng

RT: 15.39 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

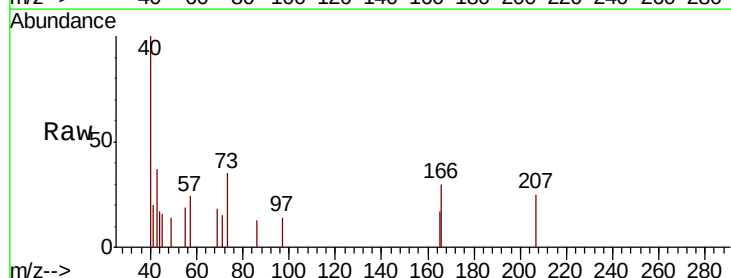
Tgt Ion:166 Resp: 512

Ion Ratio Lower Upper

166 100

165 55.5 79.1 118.7#

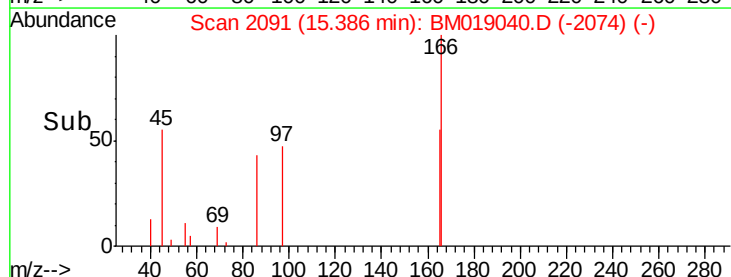
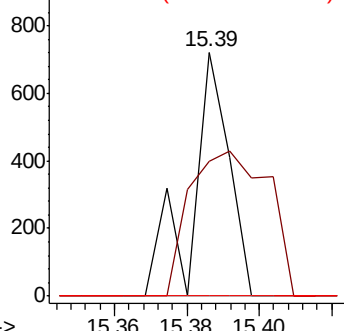
167 0.0 11.0 16.4#

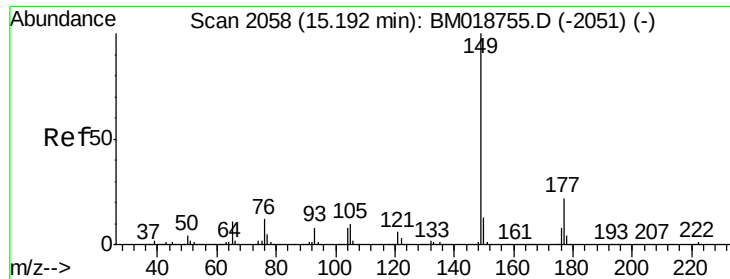


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

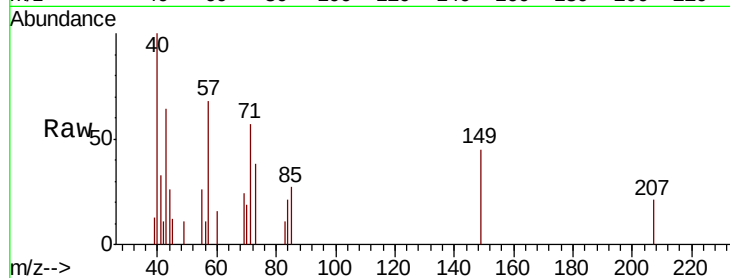




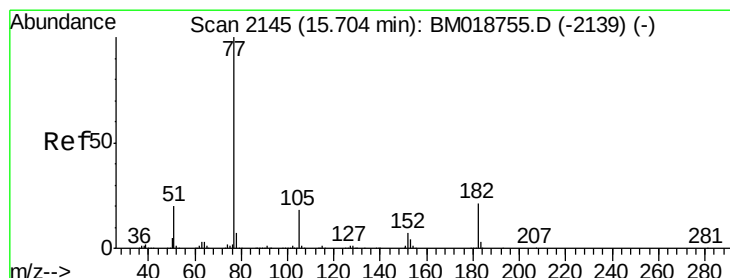
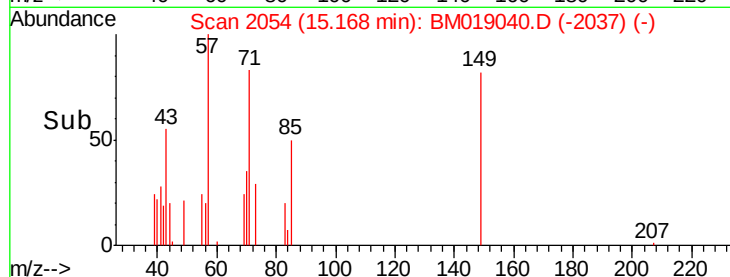
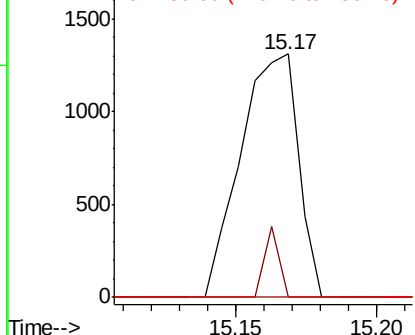
#60
Diethylphthalate
Concen: 0.049 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion: 149 Resp: 1857
Ion Ratio Lower Upper
149 100
177 0.0 17.2 25.8#
150 0.0 10.2 15.2#

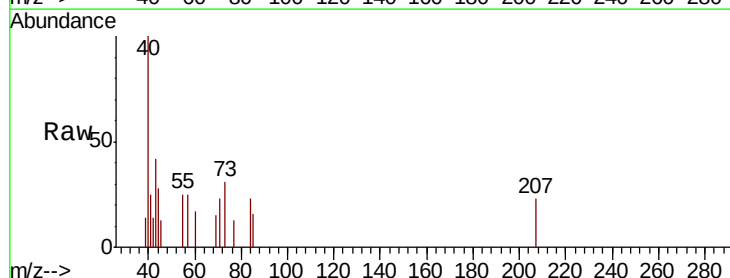


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

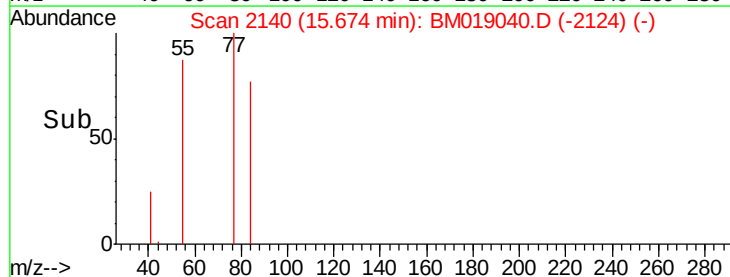
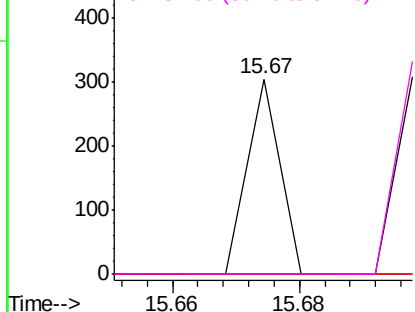


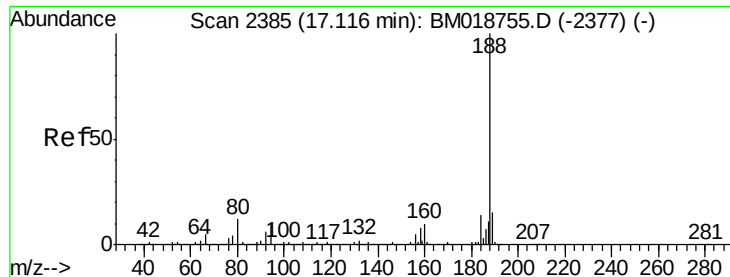
#63
Azobenzene
Concen: 0.003 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 77 Resp: 107
Ion Ratio Lower Upper
77 100
182 0.0 1.0 41.0#
105 0.0 0.0 37.7
51 0.0 0.3 40.3#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

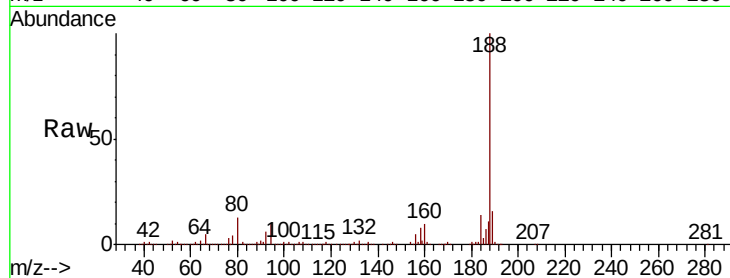
Tgt Ion:188 Resp: 901030

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

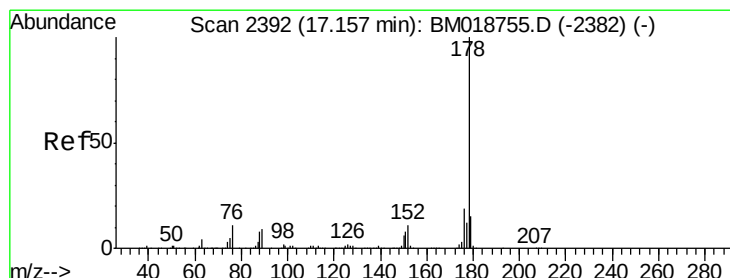
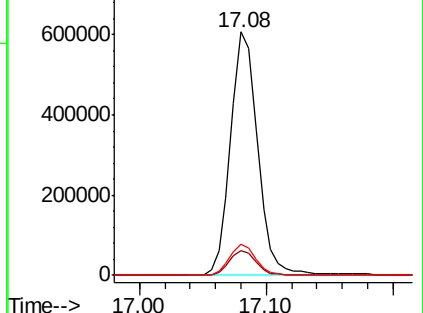
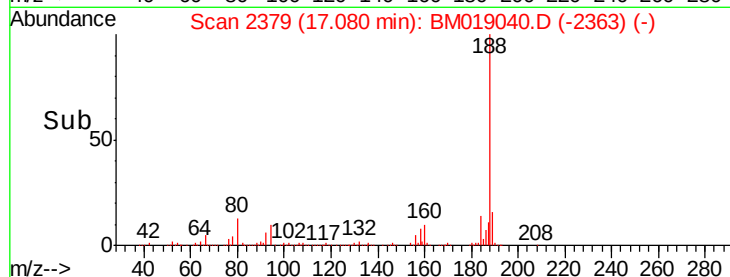
80 12.6 9.7 14.5



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



#71

Phenanthrene

Concen: 0.578 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

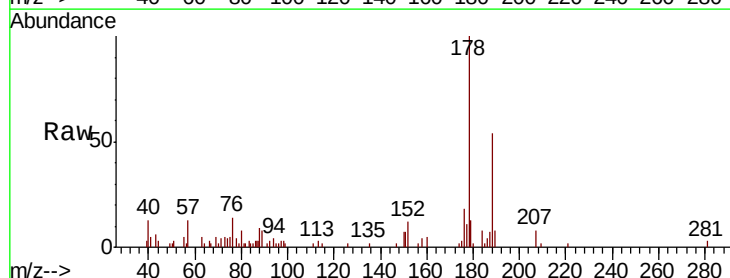
Tgt Ion:178 Resp: 28008

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.0

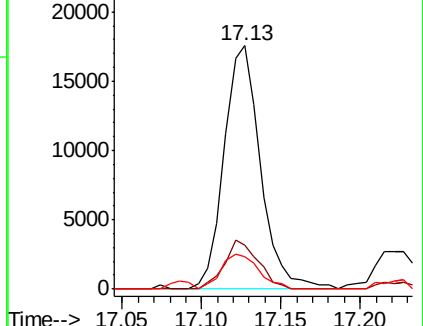
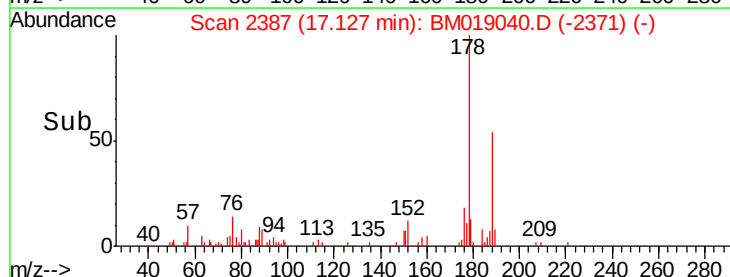
179 13.4 12.3 18.5

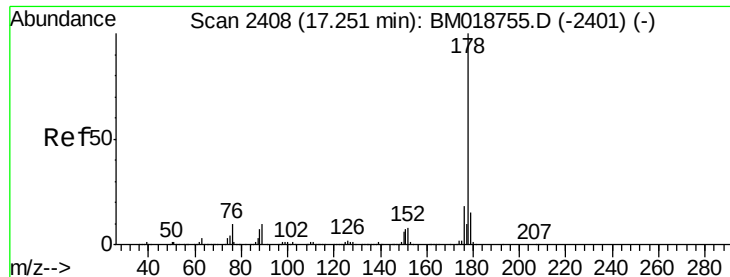


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.122 ng

RT: 17.22 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

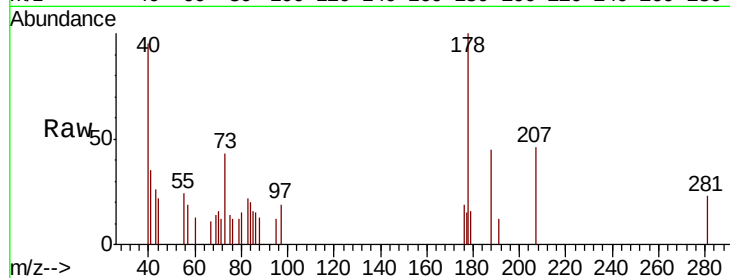
Tgt Ion:178 Resp: 5737

Ion Ratio Lower Upper

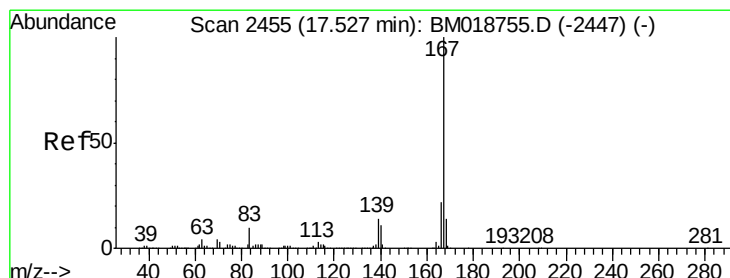
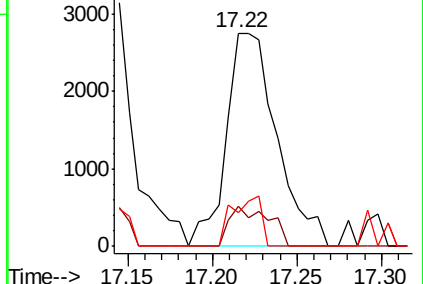
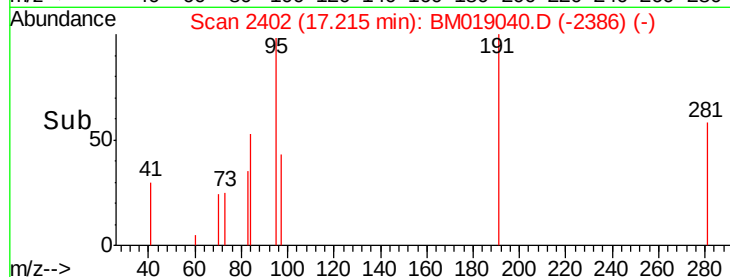
178 100

176 18.6 14.8 22.2

179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.065 ng

RT: 17.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

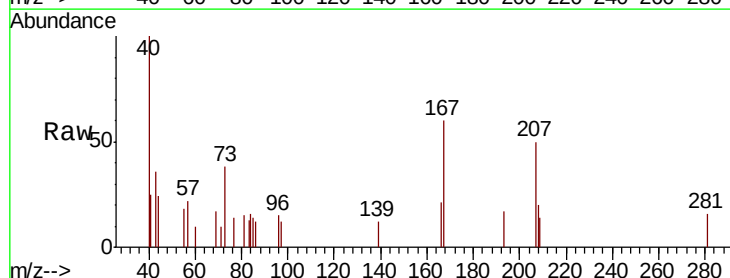
Tgt Ion:167 Resp: 3220

Ion Ratio Lower Upper

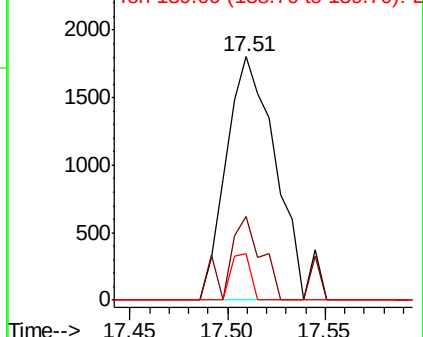
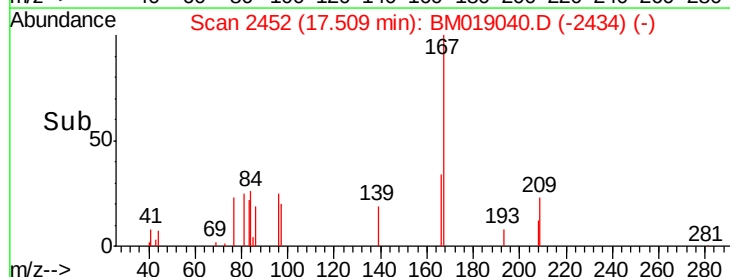
167 100

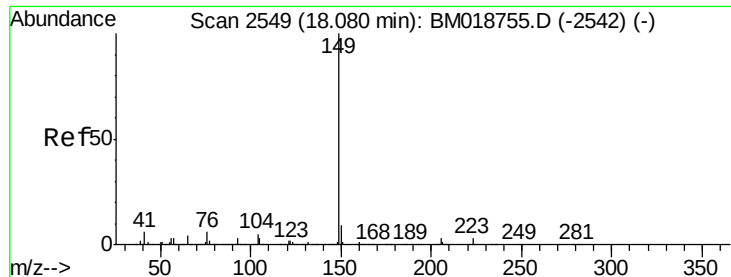
166 34.2 17.7 26.5#

139 19.2 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.307 ng

RT: 18.05 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

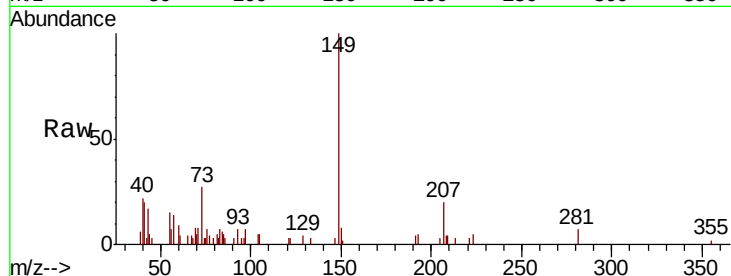
Tgt Ion:149 Resp: 17396

Ion Ratio Lower Upper

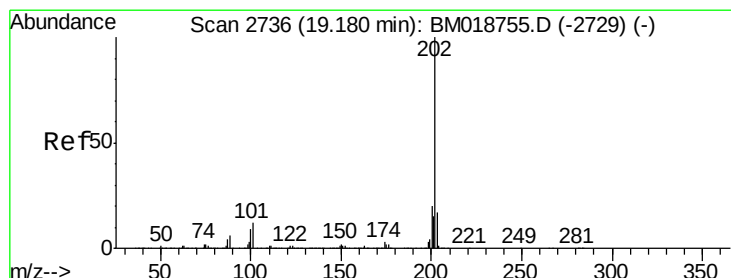
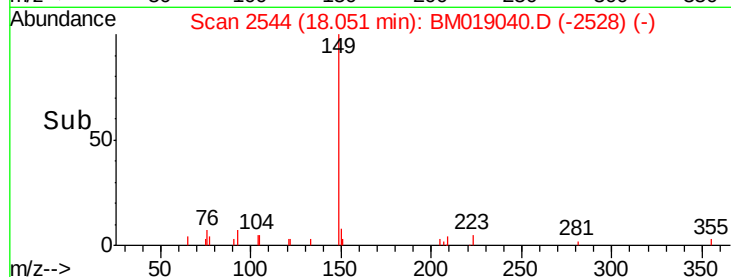
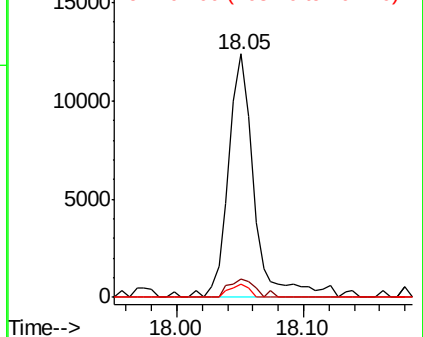
149 100

150 7.6 7.4 11.0

104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 1.558 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

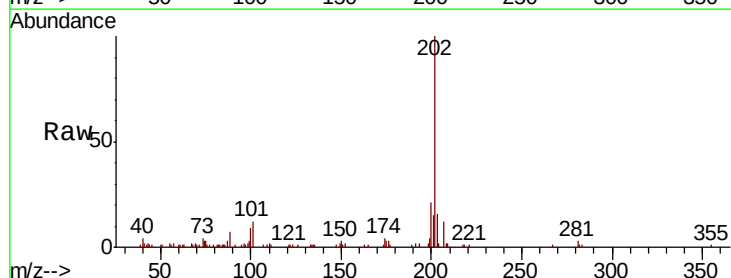
Tgt Ion:202 Resp: 87151

Ion Ratio Lower Upper

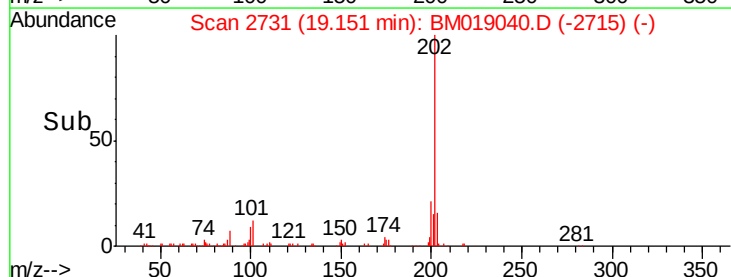
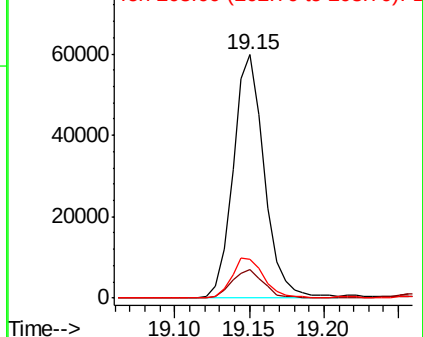
202 100

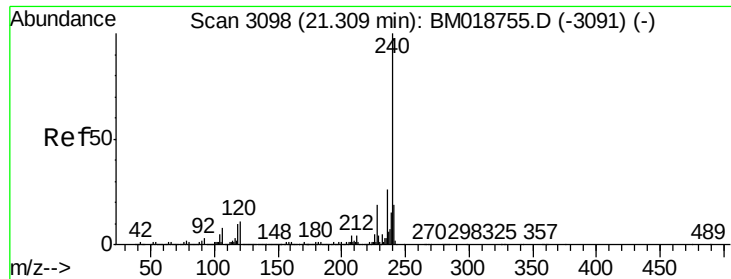
101 11.6 0.0 31.5

203 15.8 0.0 37.3



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

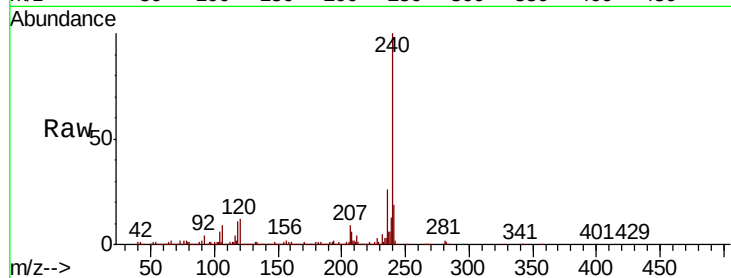




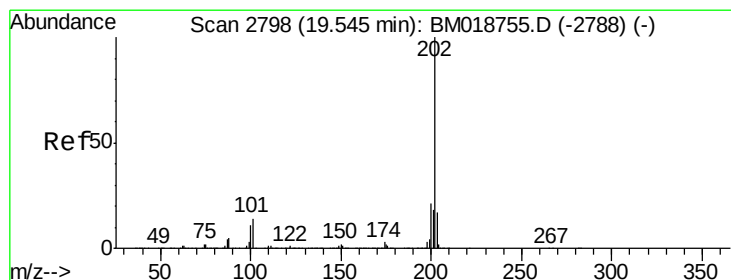
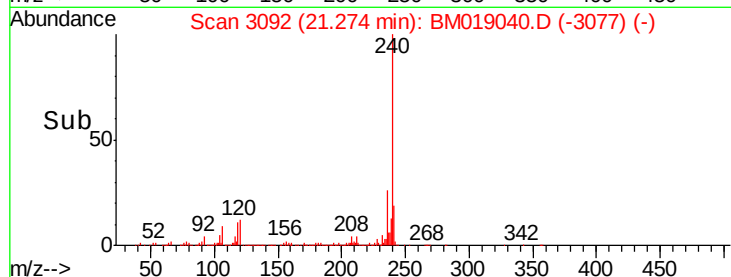
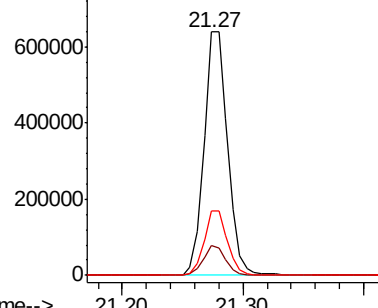
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:240 Resp: 871232
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 26.3 20.9 31.3

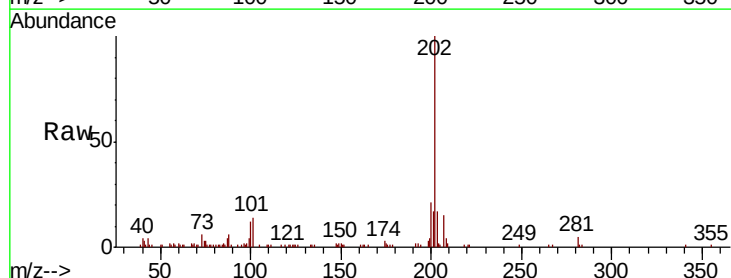


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

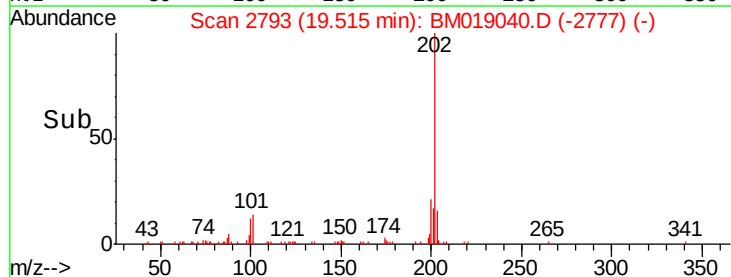
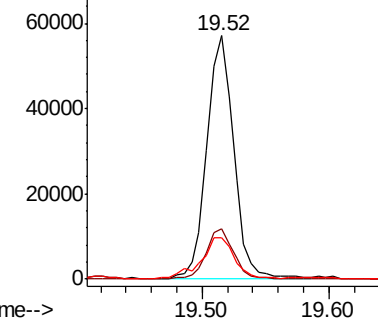


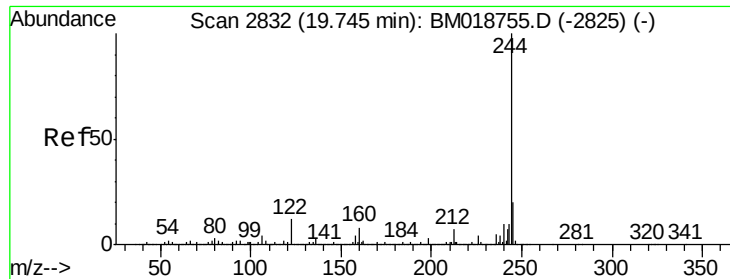
#78
Pyrene
Concen: 1.665 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:202 Resp: 84272
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 16.8 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

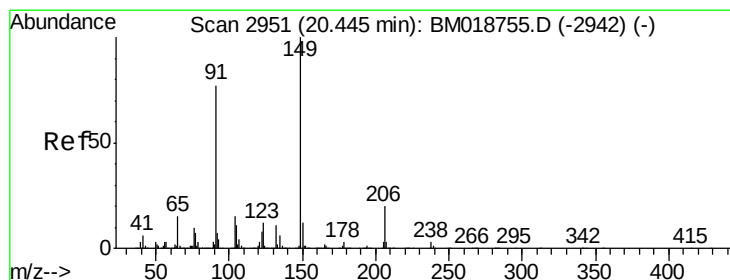
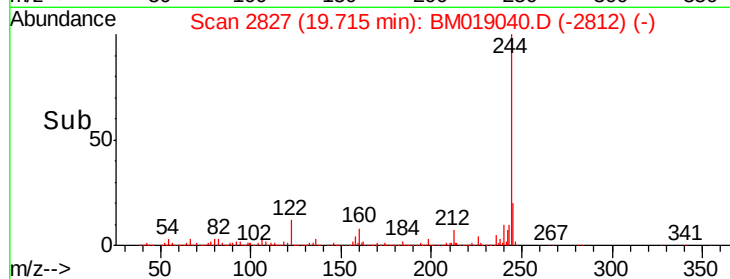
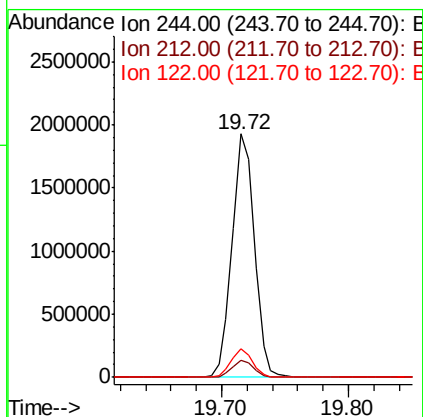
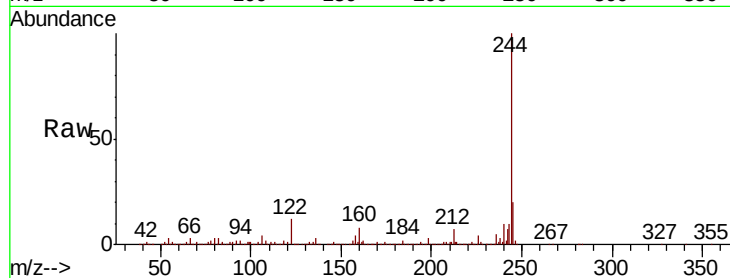




#79
 Terphenyl-d14
 Concen: 55.495 ng
 RT: 19.72 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM019040.D
 Acq: 05 Mar 2019 17:13

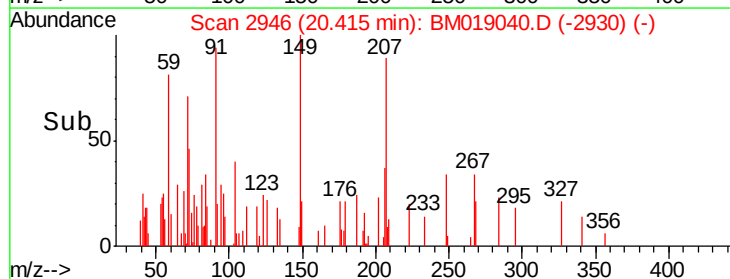
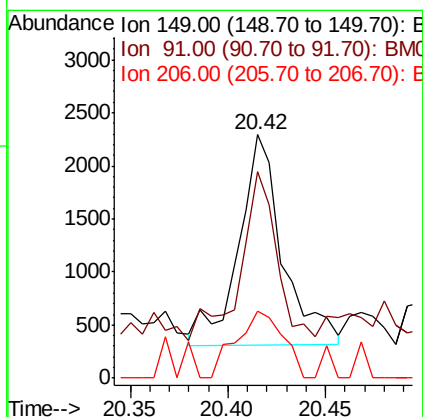
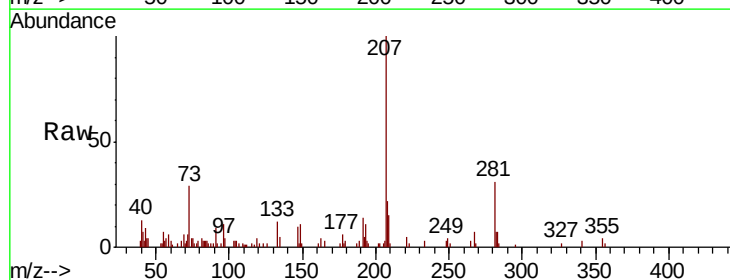
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719

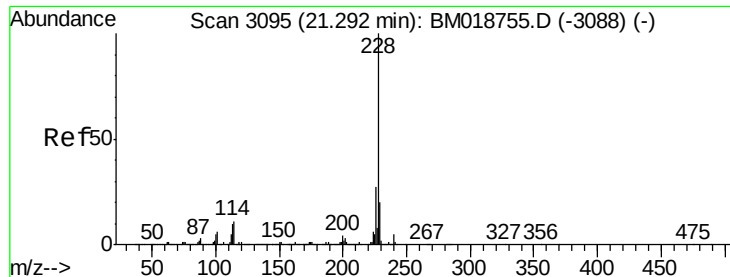
Tgt Ion:244 Resp: 2343735
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.5 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 0.134 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM019040.D
 Acq: 05 Mar 2019 17:13

Tgt Ion:149 Resp: 3091
 Ion Ratio Lower Upper
 149 100
 91 84.7 61.4 92.0
 206 27.3 15.8 23.8#





#81

Benzo(a)anthracene

Concen: 1.118 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

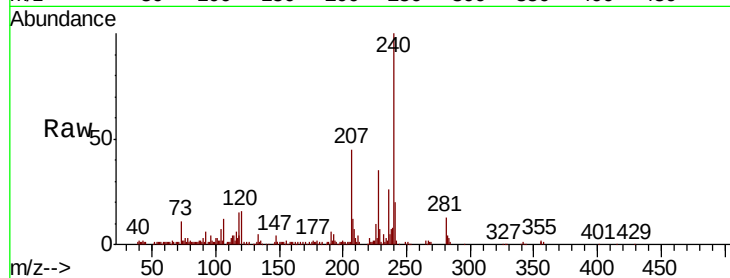
Tgt Ion:228 Resp: 56793

Ion Ratio Lower Upper

228 100

226 29.8 21.9 32.9

229 19.8 15.9 23.9

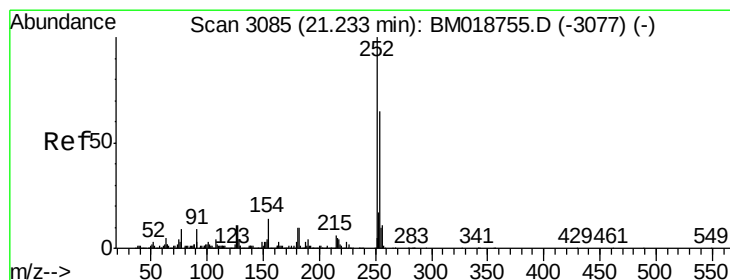
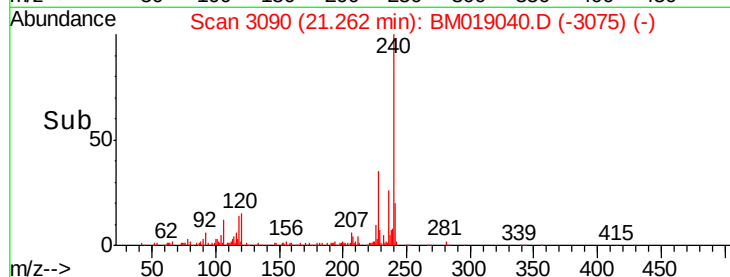
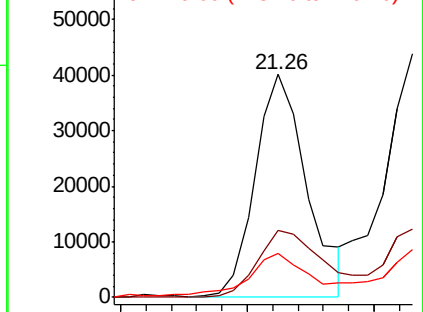


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 0.011 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

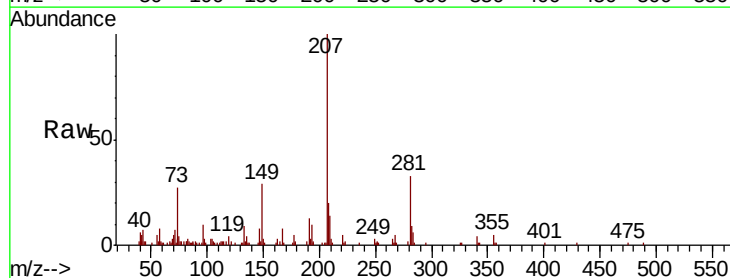
Tgt Ion:252 Resp: 227

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 0.0 9.1 13.7#

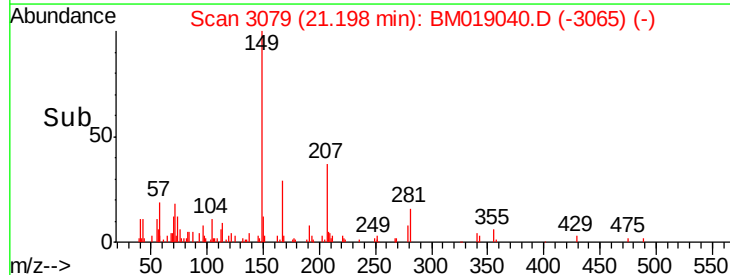
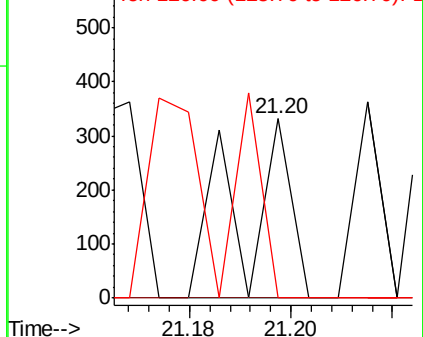


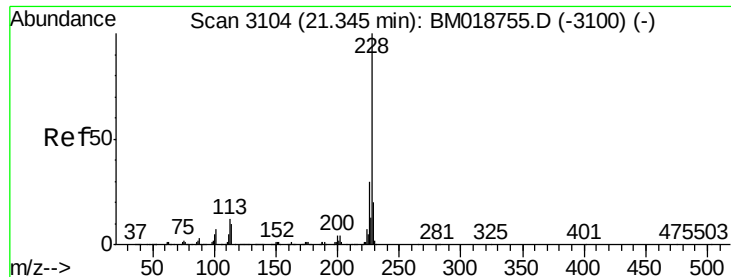
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 1.313 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

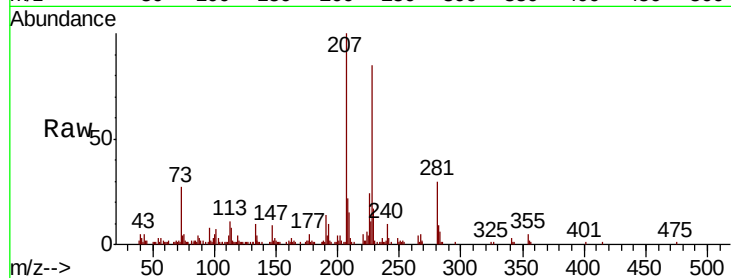
Tgt Ion: 228 Resp: 63906

Ion Ratio Lower Upper

228 100

226 28.0 24.1 36.1

229 19.8 16.0 24.0

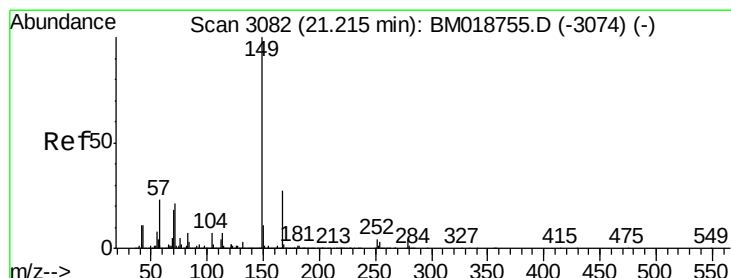
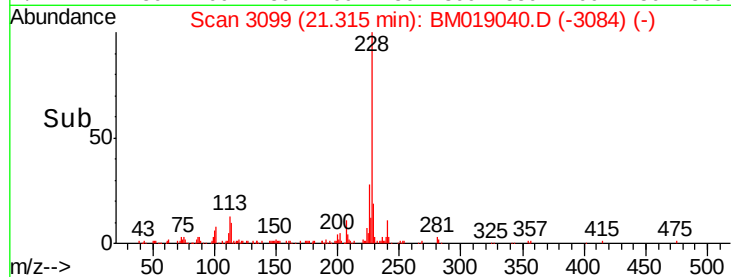
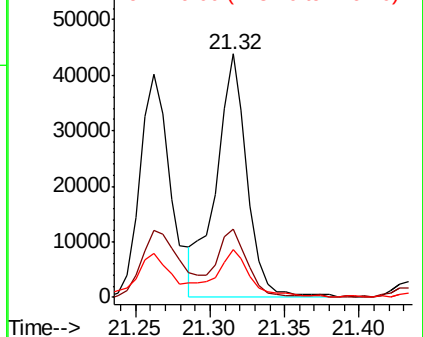


Abundance

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: 2.241 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

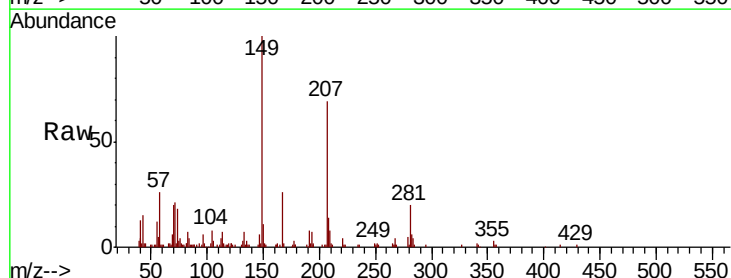
Tgt Ion: 149 Resp: 75628

Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

279 4.6 3.6 5.4

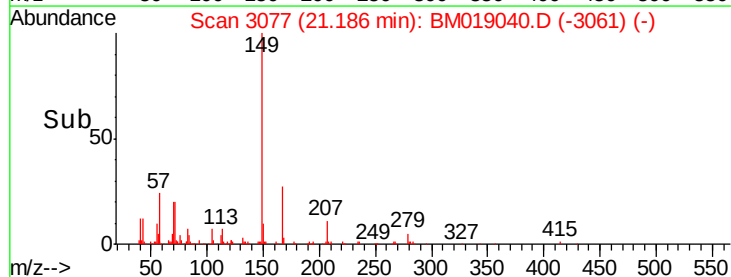
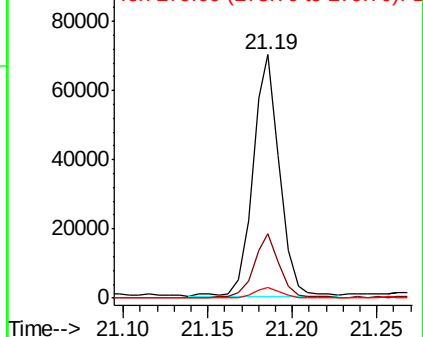


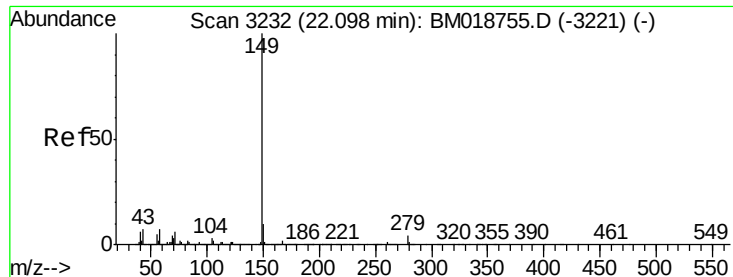
Abundance

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





#85

Di-n-octyl phthalate

Concen: 0.019 ng

RT: 22.06 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

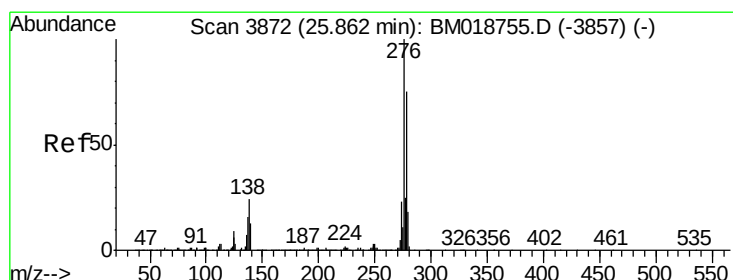
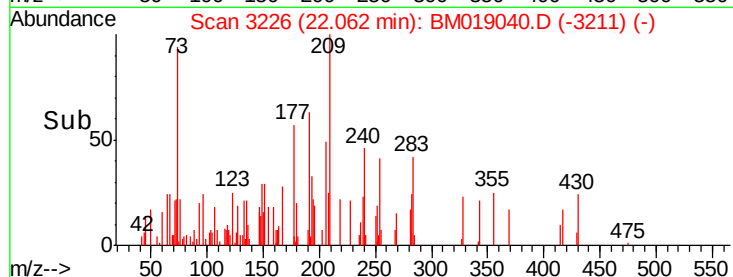
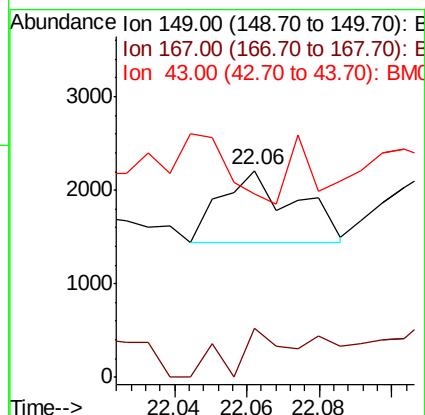
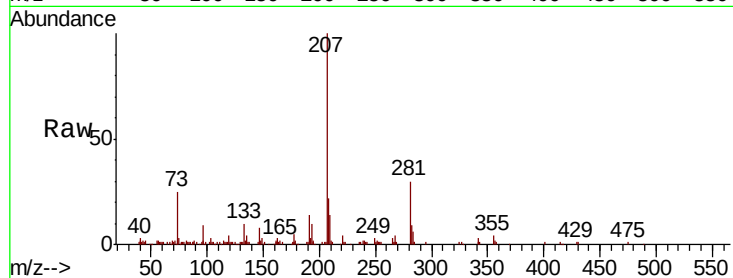
Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

Tgt Ion:	149	Resp:	1089
Ion Ratio	Lower	Upper	
149	100		
167	49.3	1.3	1.9#
43	36.8	6.0	9.0#



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.953 ng

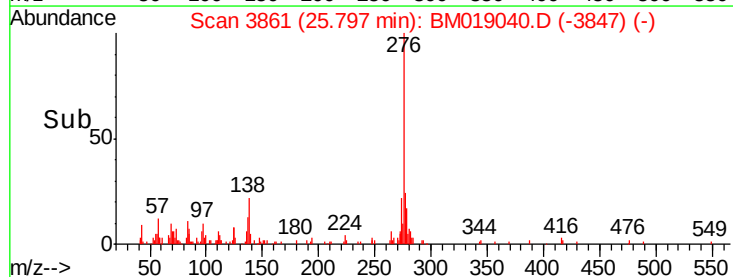
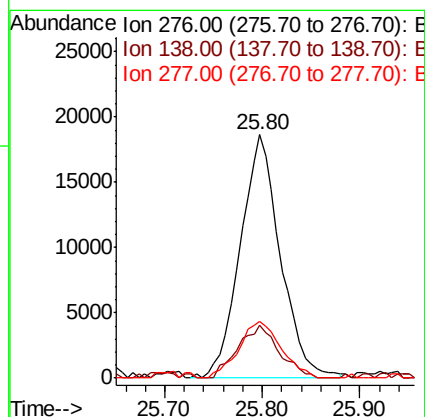
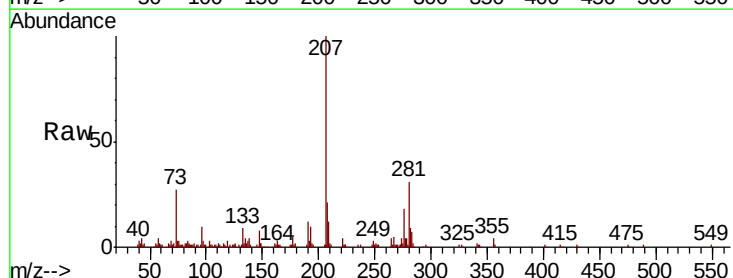
RT: 25.80 min Scan# 3861

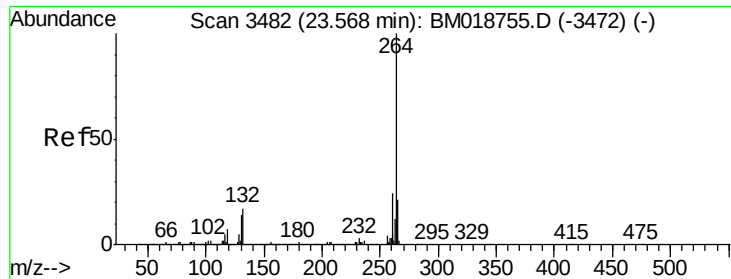
Delta R.T. -0.02 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Tgt Ion:	276	Resp:	53537
Ion Ratio	Lower	Upper	
276	100		
138	22.3	20.2	30.4
277	24.6	20.3	30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

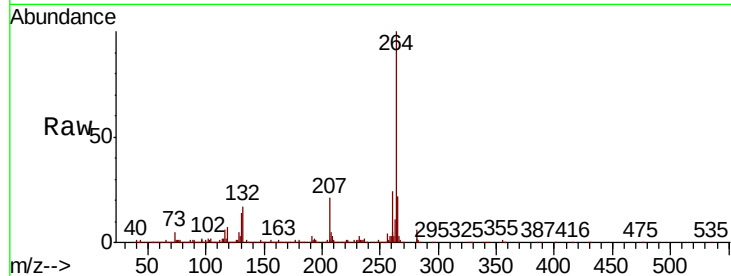
Tgt Ion:264 Resp: 949053

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

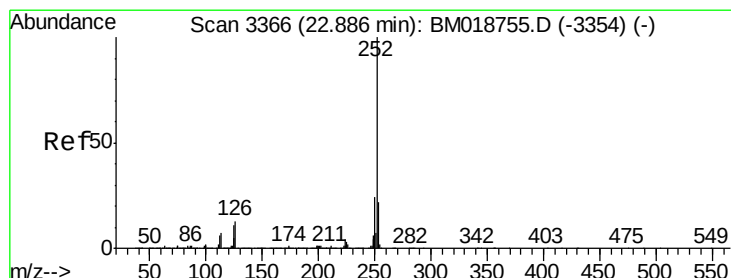
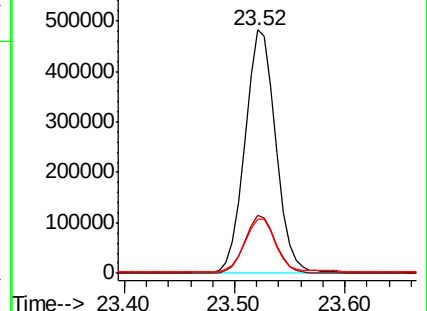
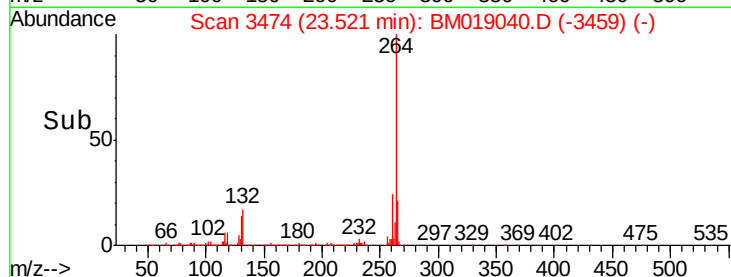
265 22.2 17.3 25.9



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



#88

Benzo(b)fluoranthene

Concen: 1.770 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

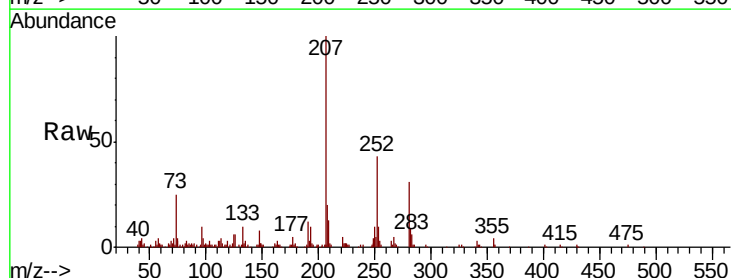
Tgt Ion:252 Resp: 96102

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

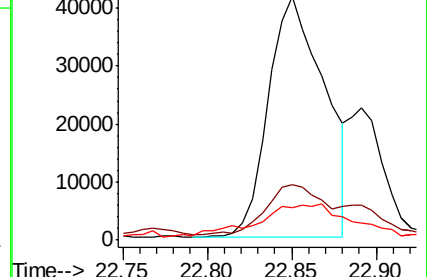
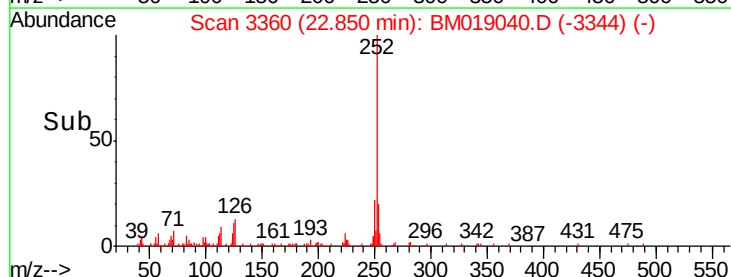
125 13.3 8.6 12.8#

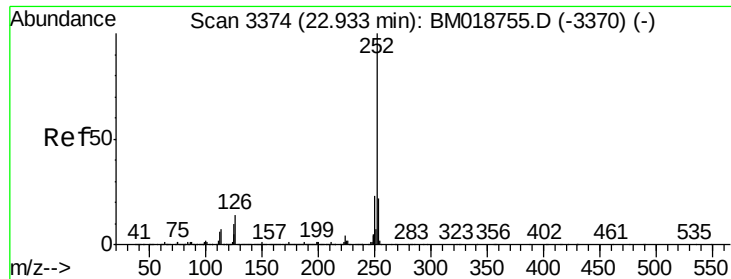


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

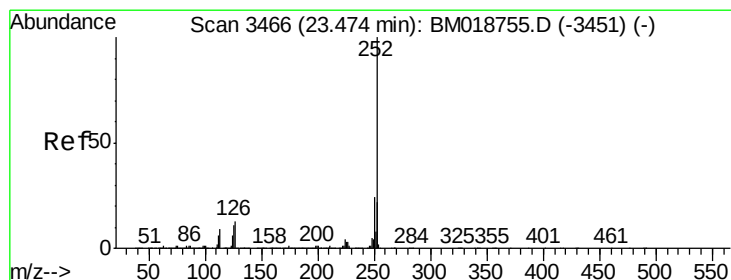
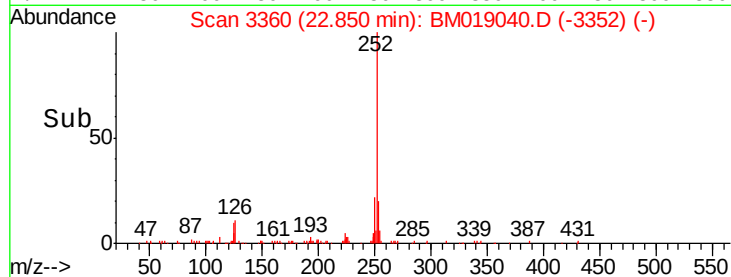
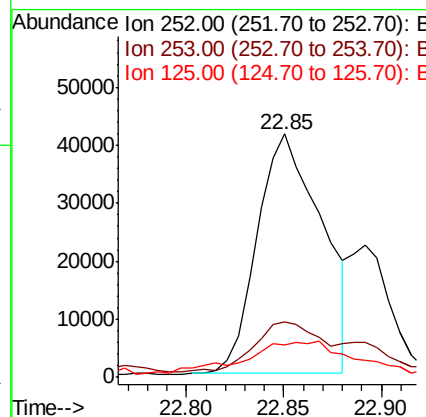
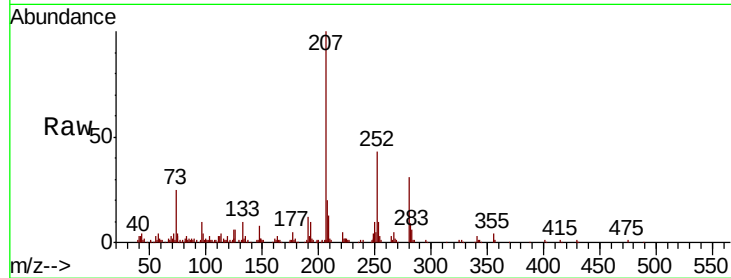




#89
Benzo(k)fluoranthene
Concen: 1.762 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

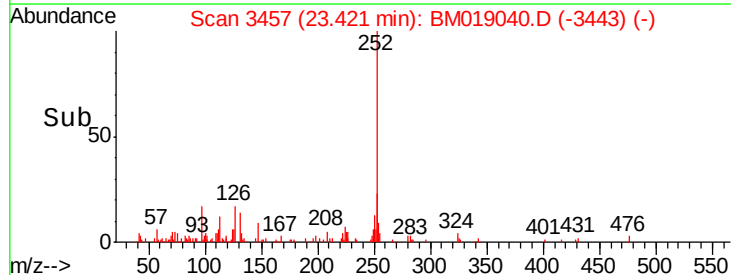
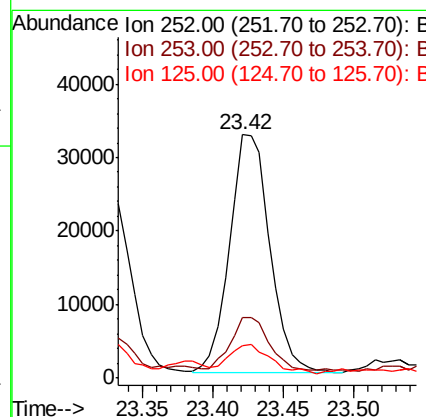
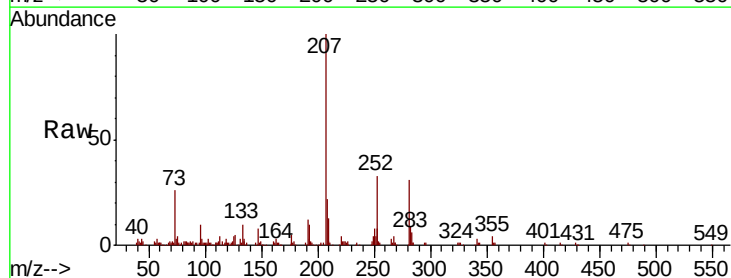
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

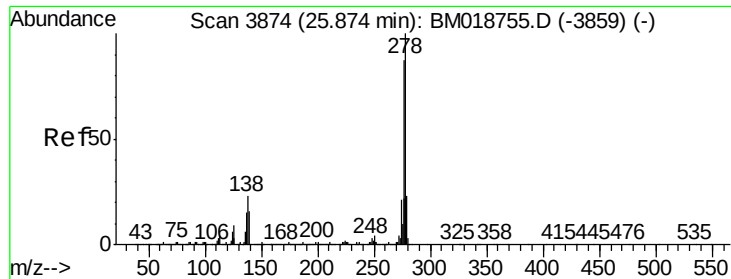
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	13.3	8.2	12.4



#90
Benzo(a)pyrene
Concen: 1.248 ng
RT: 23.42 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.0
125	13.4	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 0.259 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.02 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW002-022719

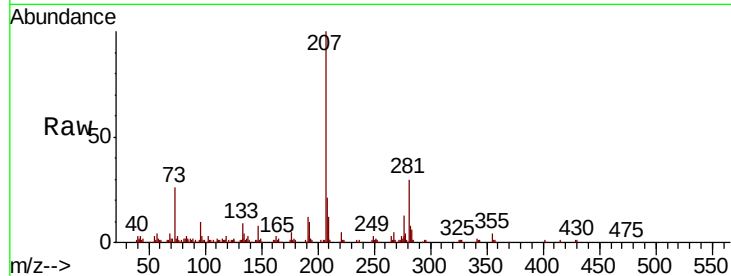
Tgt Ion: 278 Resp: 13221

Ion Ratio Lower Upper

278 100

139 24.1 12.6 18.8#

279 29.7 18.6 28.0#

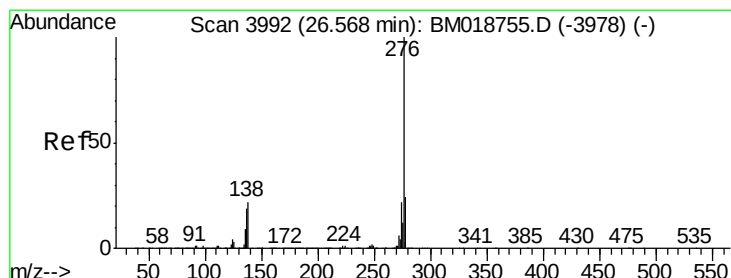
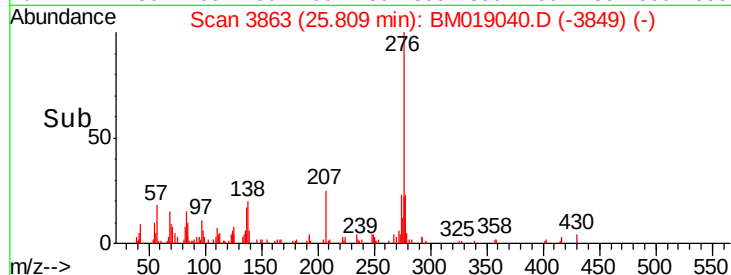
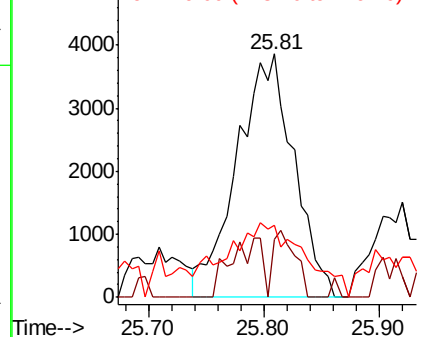


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 1.113 ng

RT: 26.50 min Scan# 3980

Delta R.T. -0.02 min

Lab File: BM019040.D

Acq: 05 Mar 2019 17:13

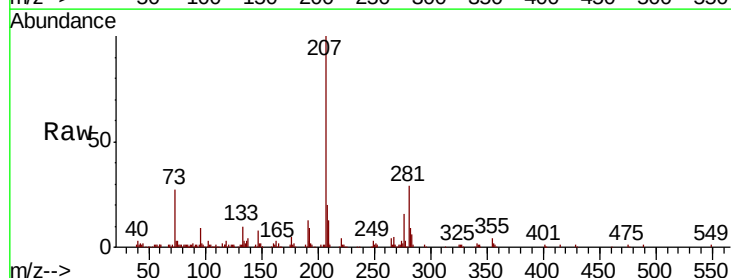
Tgt Ion: 276 Resp: 52787

Ion Ratio Lower Upper

276 100

277 22.1 19.2 28.8

138 23.6 17.3 25.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

