

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019043.D
 Acq On : 05 Mar 2019 19:04
 Operator : JU/SJ
 Sample : K1705-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW006-022719

Quant Time: Mar 06 05:56:34 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	229559	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	823715	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	417828	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	862461	20.00	ng	0.00
76) Chrysene-d12	21.28	240	811166	20.00	ng	0.00
87) Perylene-d12	23.53	264	859048	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1746604	124.66	ng	0.00
7) Phenol-d6	6.86	99	2369663	120.06	ng	0.00
23) Nitrobenzene-d5	8.85	82	1489491	83.61	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	723555	120.13	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2496599	79.32	ng	-0.01
79) Terphenyl-d14	19.72	244	3051584	77.61	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	815	0.134	ng	# 70
3) Pyridine	3.62	79	132	0.008	ng	# 1
4) n-Nitrosodimethylamine	3.54	42	187	0.044	ng	# 1
8) 2-Chlorophenol	7.23	128	122	0.008	ng	# 1
9) Benzaldehyde	6.86	77	7778	Below Cal		# 7
10) Phenol	6.88	94	154299	7.430	ng	# 97
15) Benzyl Alcohol	7.99	79	26213	1.671	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	8.20	45	273	0.018	ng	# 16
19) n-Nitroso-di-n-propylamine	8.43	70	111	0.007	ng	# 11
20) 3+4-Methylphenols	8.47	107	137	0.008	ng	# 17
22) Acetophenone	8.52	105	251	0.011	ng	# 57
24) Nitrobenzene	8.85	77	5637	0.305	ng	# 41
25) Isophorone	9.43	82	180	0.006	ng	# 68
31) Naphthalene	10.52	128	1929	0.048	ng	# 68
32) Benzoic acid	9.80	122	111	0.012	ng	# 73
37) 2-Methylnaphthalene	12.15	142	533	0.019	ng	# 70
38) 1-Methylnaphthalene	12.36	142	769	0.028	ng	# 84
46) 1,1'-Biphenyl	13.16	154	3639	0.101	ng	# 88
49) Acenaphthylene	14.05	152	5680	0.137	ng	# 96
50) Dimethylphthalate	13.79	163	156981	4.508	ng	# 99
51) 2,6-Dinitrotoluene	13.84	165	106	0.014	ng	# 20
52) Acenaphthene	14.39	154	1034	0.041	ng	# 80
55) Dibenzofuran	14.73	168	2091	0.050	ng	# 90
58) Fluorene	15.39	166	2281	0.072	ng	# 84
60) Diethylphthalate	15.16	149	2421	0.067	ng	# 79
63) Azobenzene	15.67	77	253	0.007	ng	# 1
66) n-Nitrosodiphenylamine	15.60	169	225	0.008	ng	# 24
71) Phenanthrene	17.13	178	54730	1.181	ng	# 97
72) Anthracene	17.22	178	11121	0.247	ng	# 97
73) Carbazole	17.51	167	3996	0.085	ng	# 85
74) Di-n-butylphthalate	18.04	149	11620	0.214	ng	# 94
75) Fluoranthene	19.15	202	94232	1.760	ng	# 99
78) Pyrene	19.52	202	86447	1.835	ng	# 98
80) Butylbenzylphthalate	20.42	149	2311	0.108	ng	# 87

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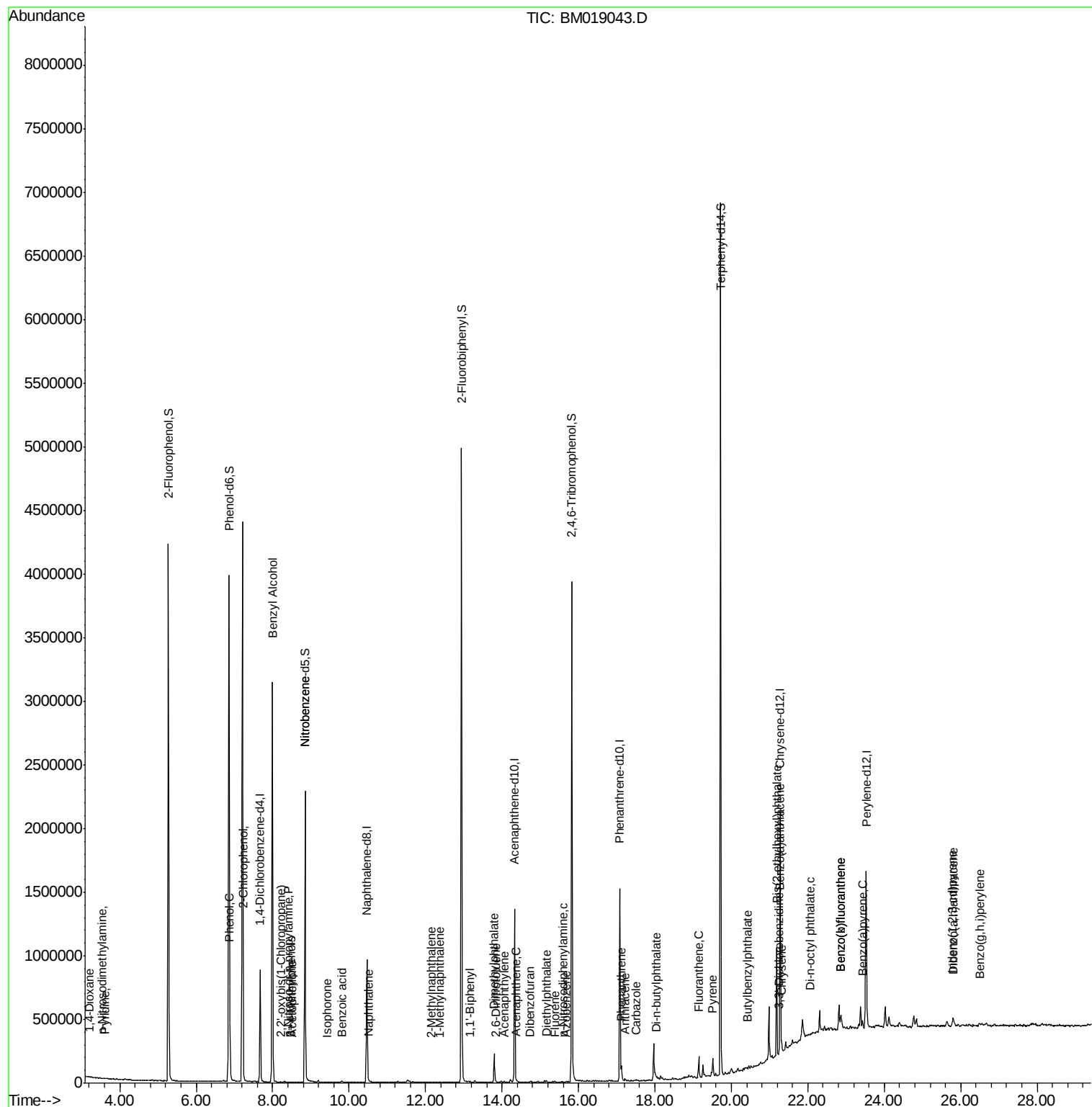
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.26	228	50997	1.079	ng	96
82) 3,3'-Dichlorobenzidine	21.23	252	1030	0.055	ng #	8
83) Chrysene	21.32	228	46904	1.035	ng	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	270038	8.593	ng	99
85) Di-n-octyl phthalate	22.06	149	1449	0.027	ng #	78
86) Indeno(1,2,3-cd)pyrene	25.80	276	24486	0.468	ng	96
88) Benzo(b)fluoranthene	22.85	252	54205	1.103	ng #	88
89) Benzo(k)fluoranthene	22.85	252	53241	1.088	ng #	87
90) Benzo(a)pyrene	23.43	252	35293	0.758	ng #	85
91) Dibenzo(a,h)anthracene	25.80	278	8408	0.182	ng #	52
92) Benzo(g,h,i)perylene	26.50	276	23609	0.550	ng	96

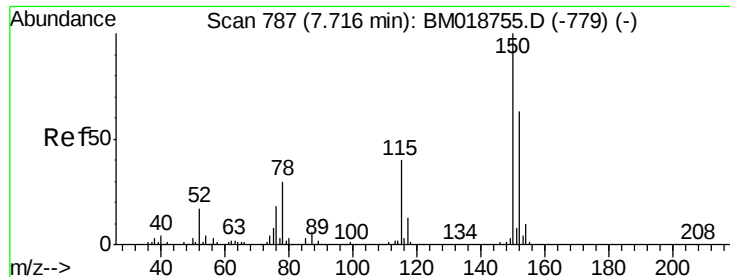
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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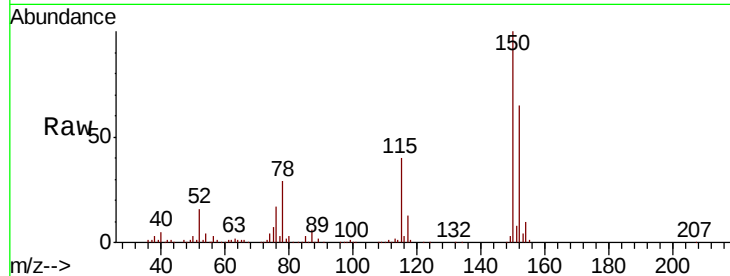


#1

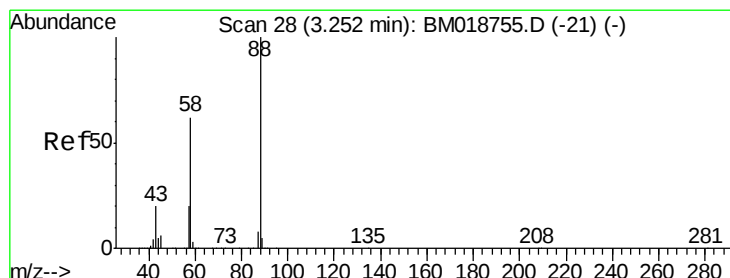
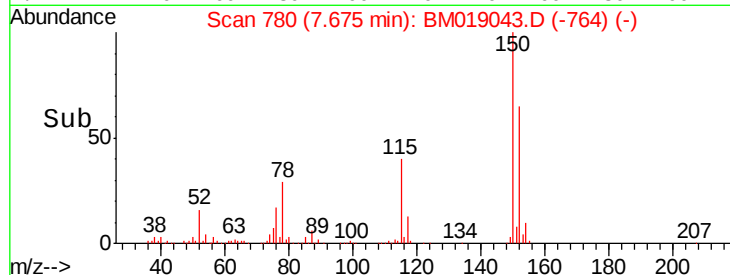
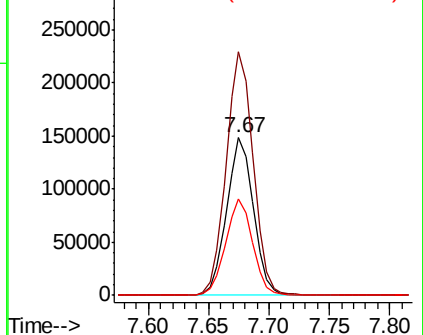
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:152 Resp: 229559
Ion Ratio Lower Upper
152 100
150 154.7 127.3 190.9
115 61.3 50.8 76.2



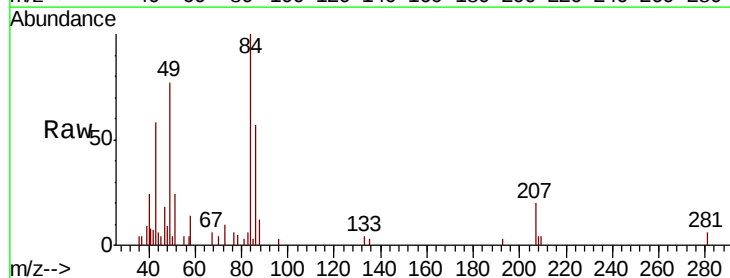
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



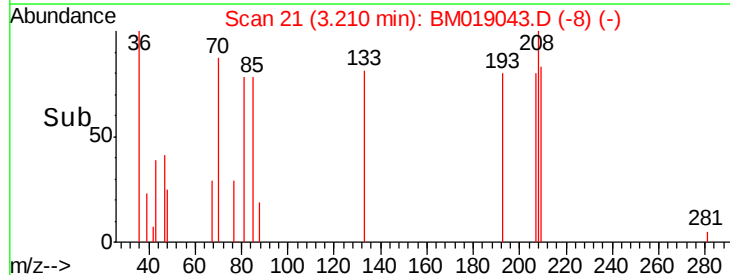
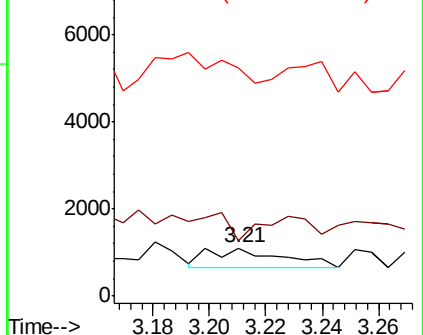
#2

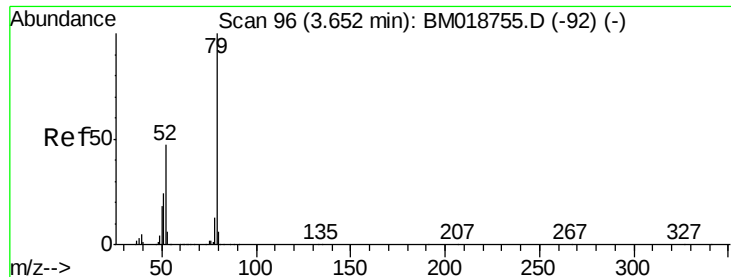
1,4-Dioxane
Concen: 0.134 ng
RT: 3.21 min Scan# 21
Delta R.T. -0.02 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion: 88 Resp: 815
Ion Ratio Lower Upper
88 100
58 81.6 49.8 74.6#
43 0.0 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: 0.008 ng

RT: 3.62 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

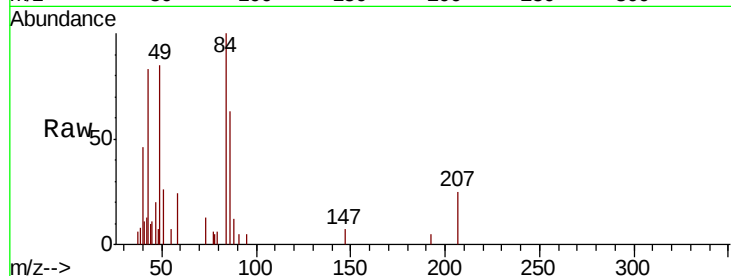
Tgt Ion: 79 Resp: 132

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

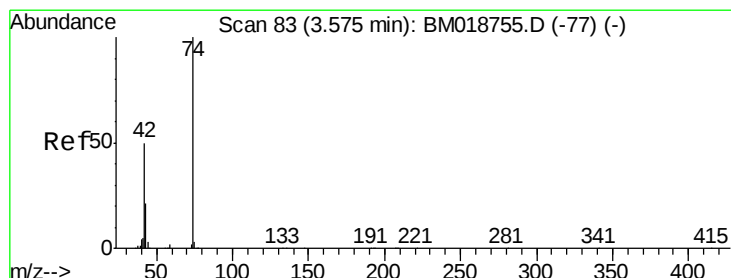
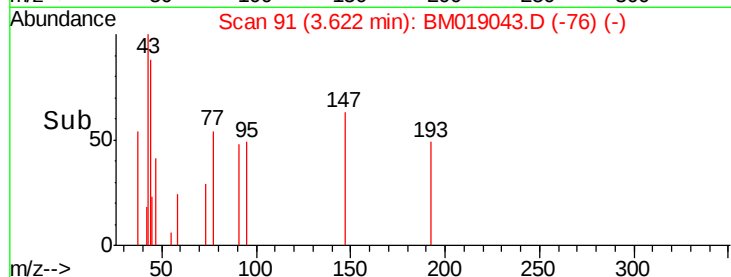
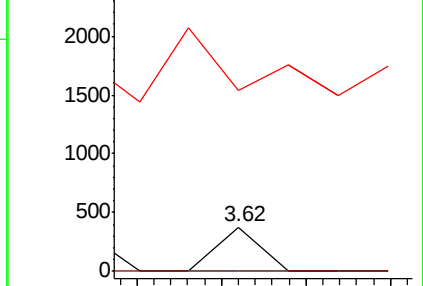
51 409.6 19.7 29.5#



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: 0.044 ng

RT: 3.54 min Scan# 77

Delta R.T. -0.02 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

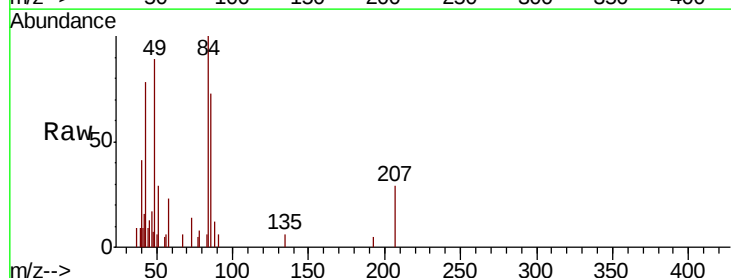
Tgt Ion: 42 Resp: 187

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

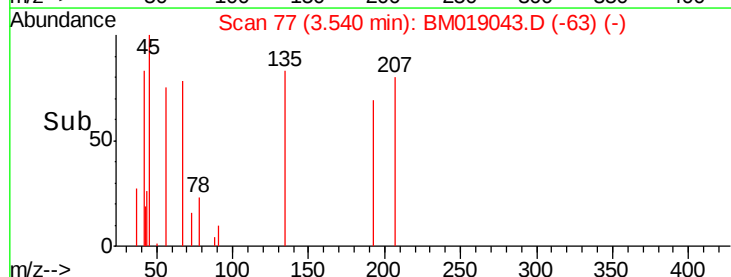
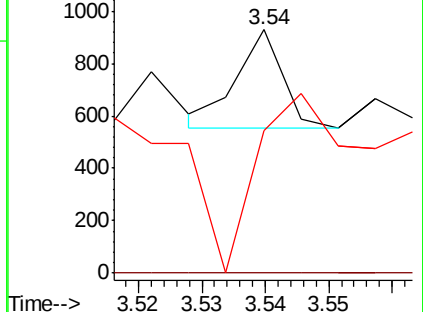
44 58.8 4.9 7.3#

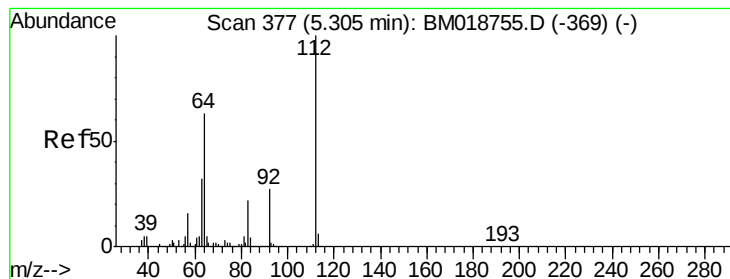


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 124.664 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

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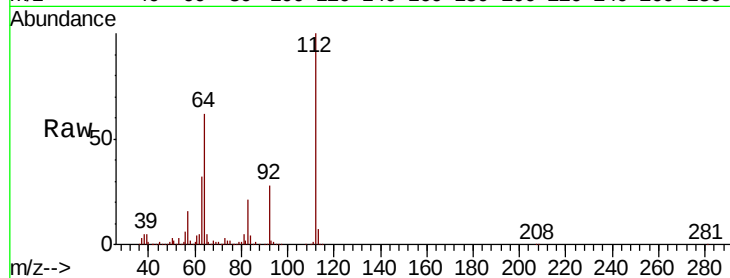
Tgt Ion: 112 Resp: 1746604

Ion Ratio Lower Upper

112 100

64 62.2 50.6 75.8

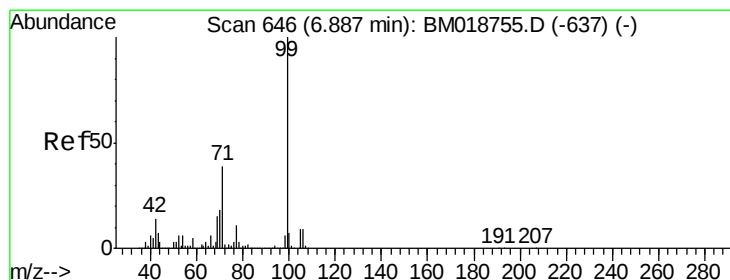
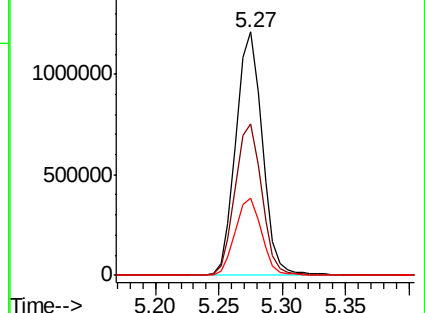
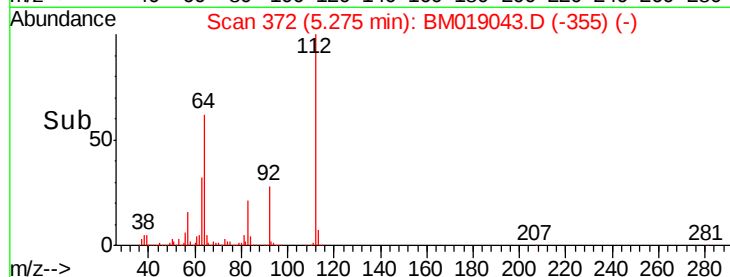
63 31.7 25.7 38.5



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: 120.060 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

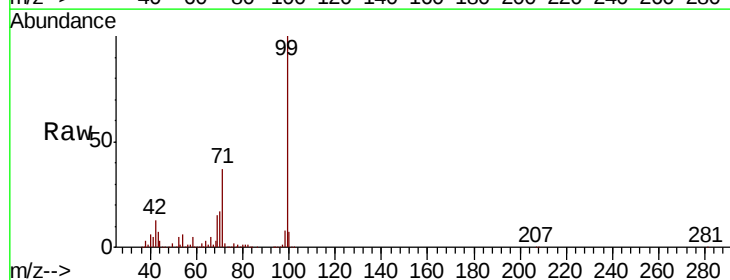
Tgt Ion: 99 Resp: 2369663

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.6

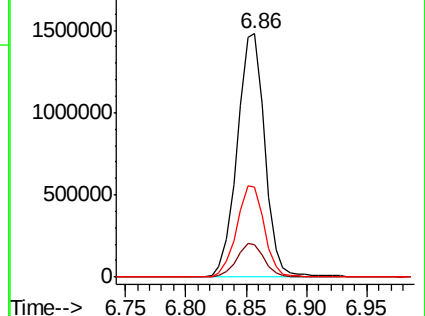
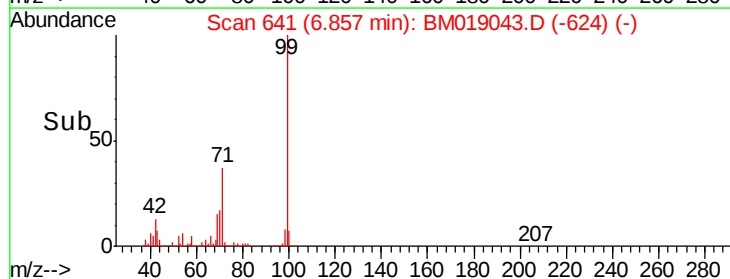
71 36.7 31.3 46.9

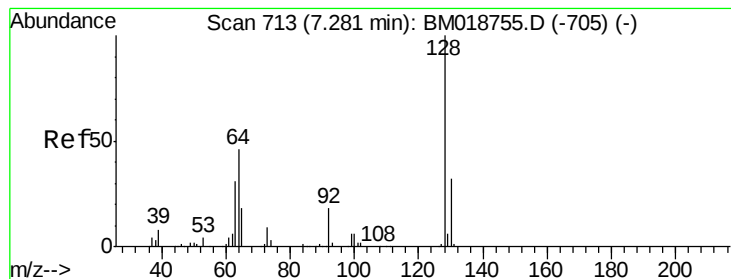


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.008 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

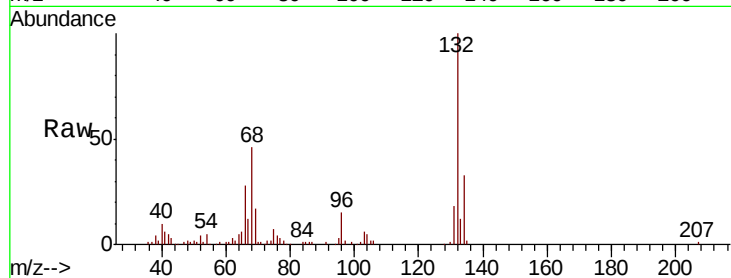
BNA_M

ClientSampleId :

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Tgt Ion: 128 Resp: 122

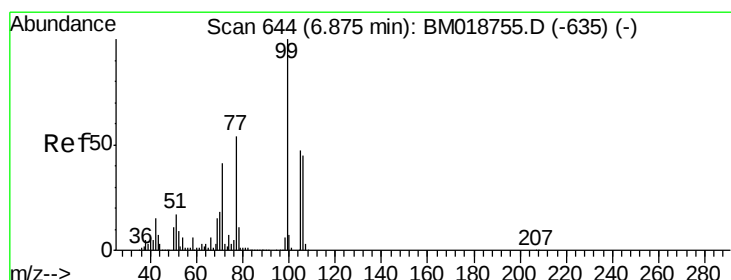
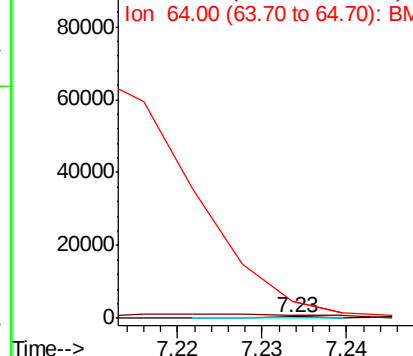
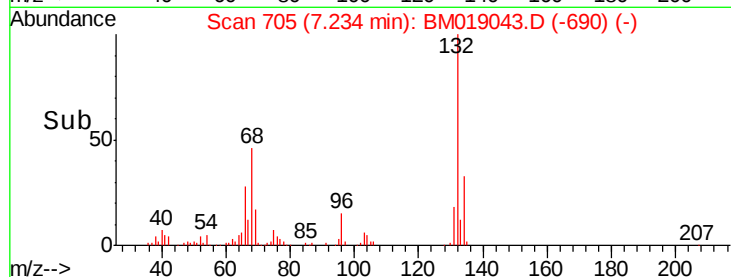
Ion	Ratio	Lower	Upper
128	100		
130	239.2	11.7	51.7#
64	1337.8	31.0	71.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: Below Cal

RT: 6.86 min Scan# 641

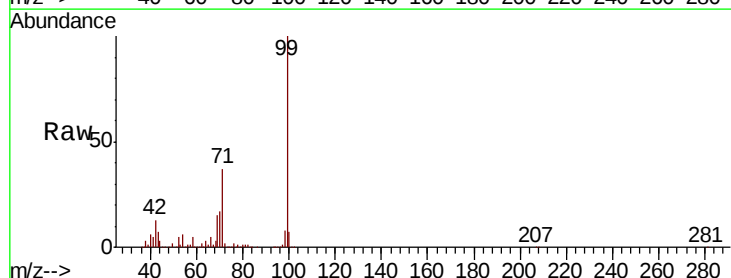
Delta R.T. 0.02 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Tgt Ion: 77 Resp: 7778

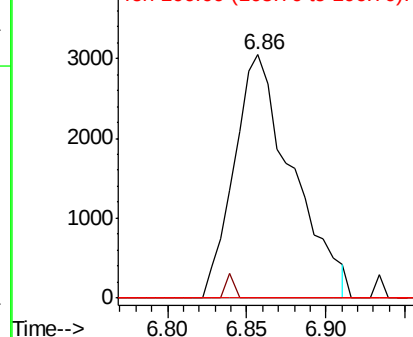
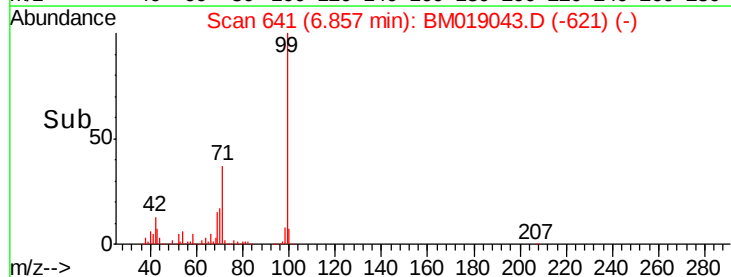
Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.3	107.3#
106	0.0	62.9	102.9#

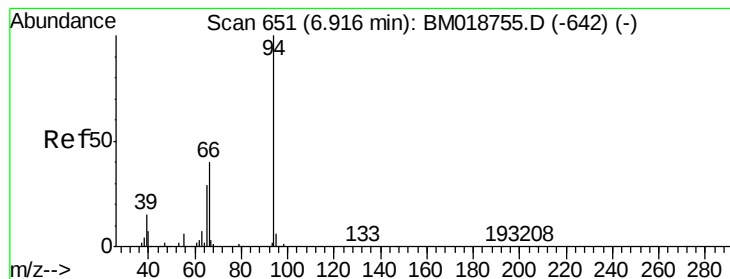


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.430 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

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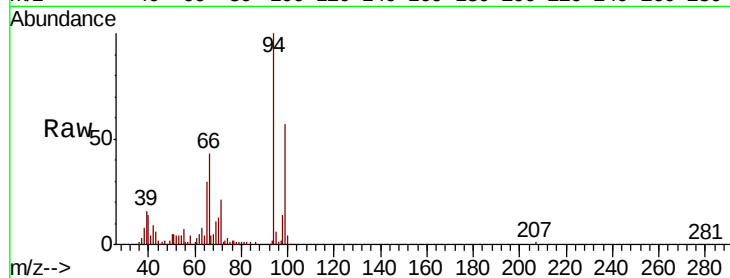
Tgt Ion: 94 Resp: 154299

Ion Ratio Lower Upper

94 100

65 29.6 9.6 49.6

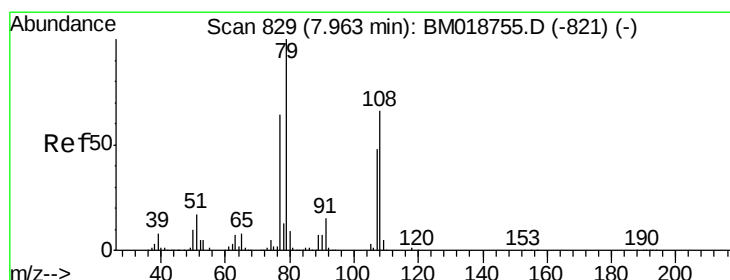
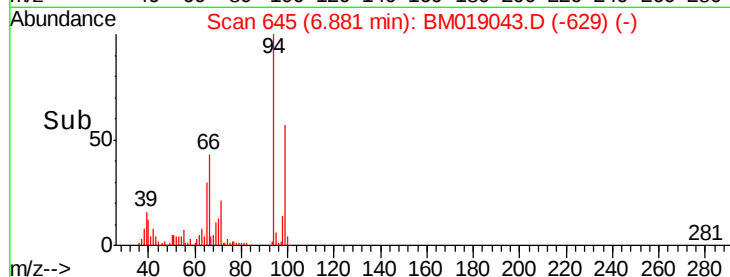
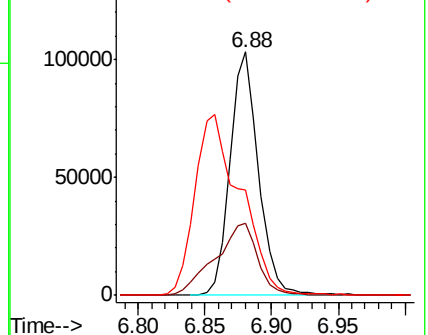
66 43.1 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)



#15

Benzyl Alcohol

Concen: 1.671 ng

RT: 7.99 min Scan# 833

Delta R.T. 0.05 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

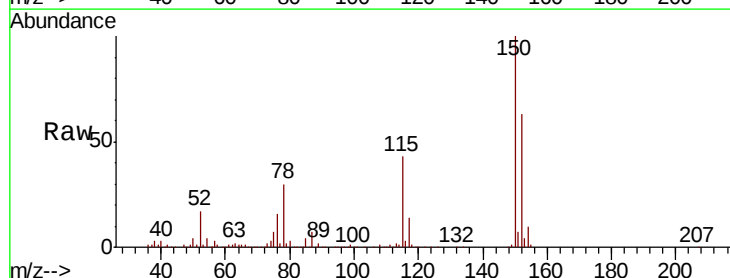
Tgt Ion: 79 Resp: 26213

Ion Ratio Lower Upper

79 100

108 25.1 52.7 79.1#

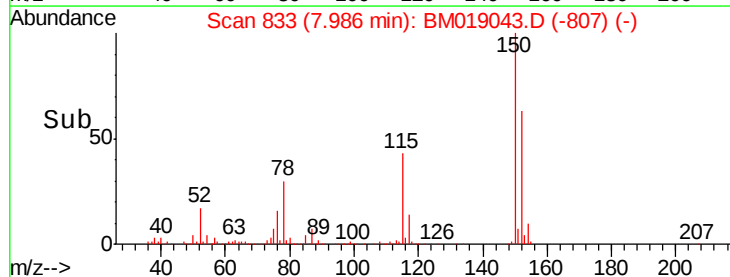
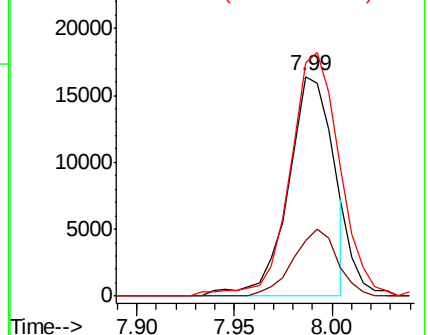
77 106.0 51.0 76.4#

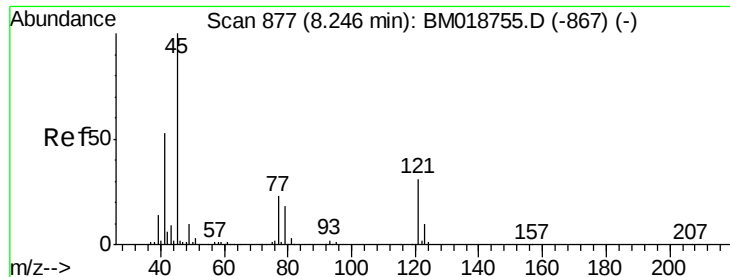


Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)

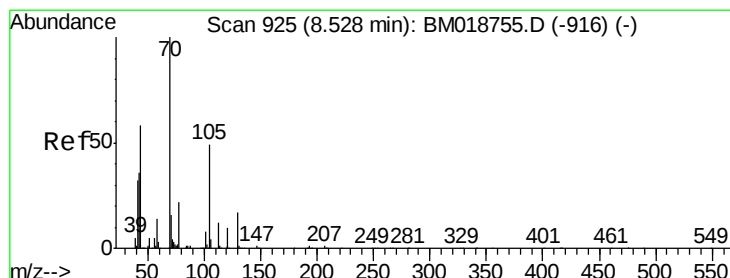
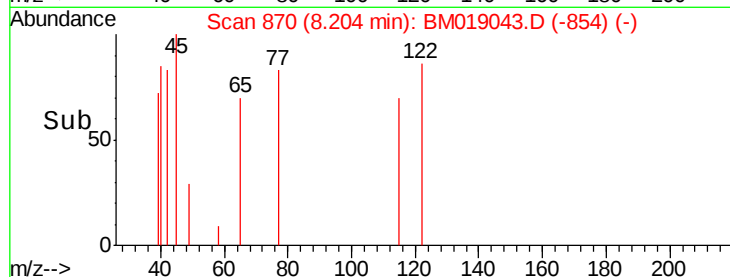
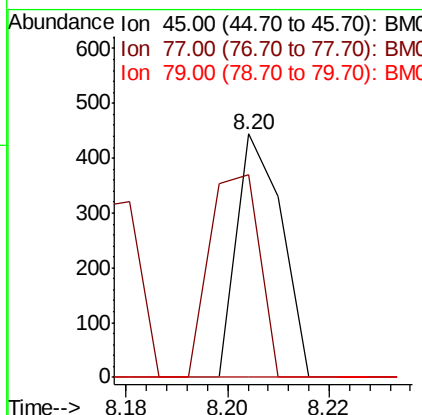
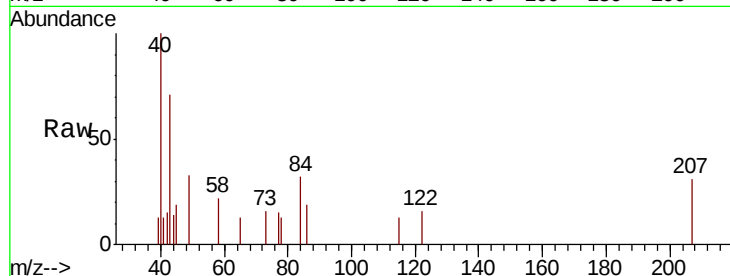




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.018 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BM019043.D
 Acq: 05 Mar 2019 19:04

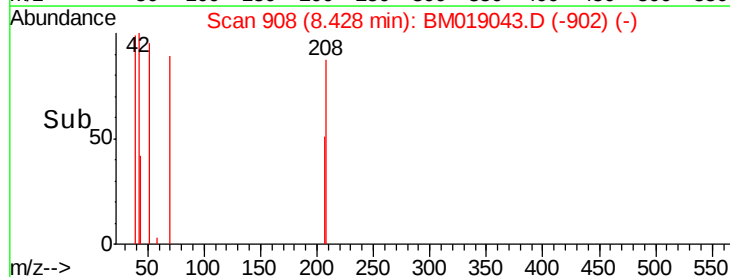
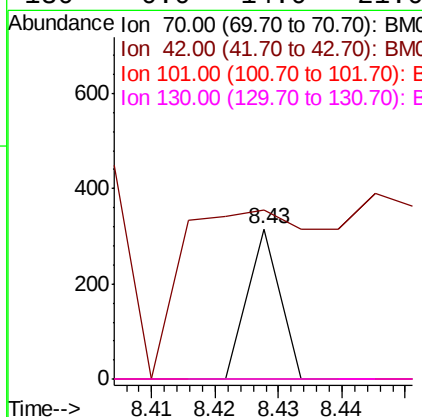
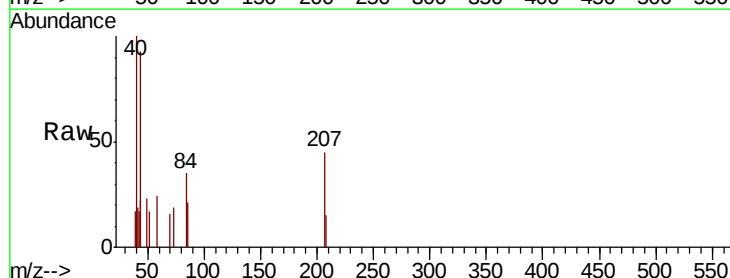
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW006-022719

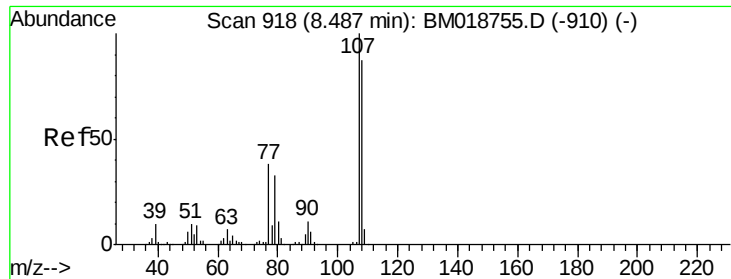
Tgt Ion: 45 Resp: 273
 Ion Ratio Lower Upper
 45 100
 77 83.1 5.0 45.0#
 79 0.0 0.0 39.3



#19
 n-Nitroso-di-n-propylamine
 Concen: 0.007 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.06 min
 Lab File: BM019043.D
 Acq: 05 Mar 2019 19:04

Tgt Ion: 70 Resp: 111
 Ion Ratio Lower Upper
 70 100
 42 112.0 29.4 44.0#
 101 0.0 6.7 10.1#
 130 0.0 14.0 21.0#

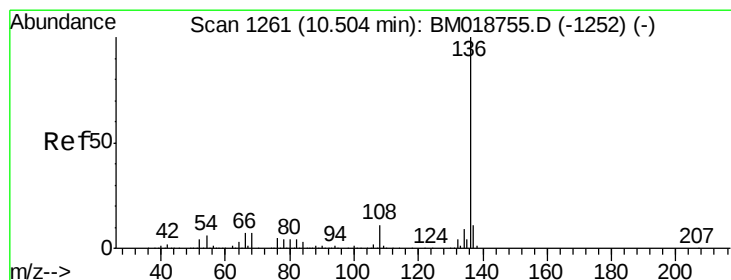
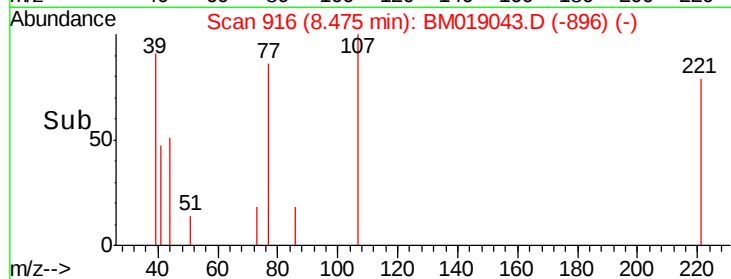
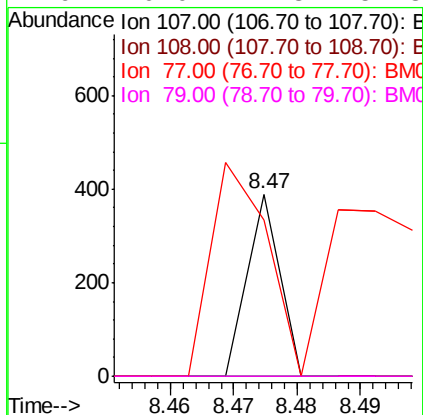
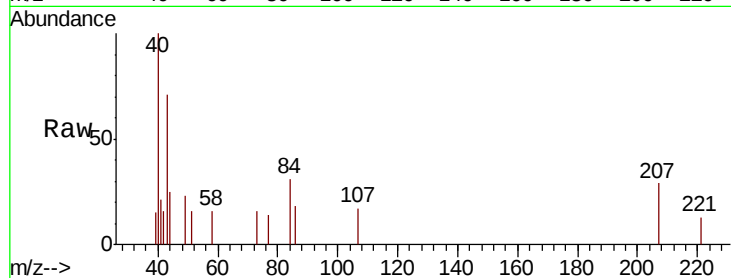




#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.02 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

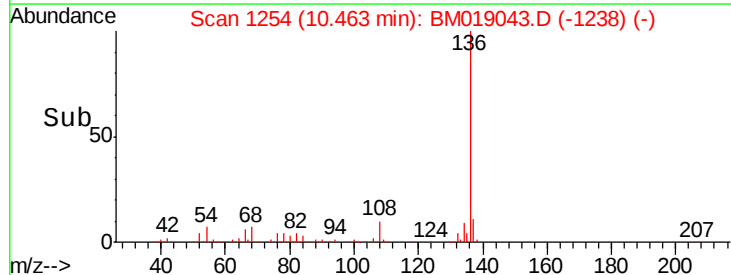
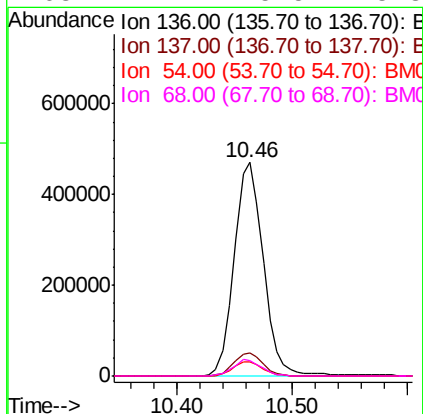
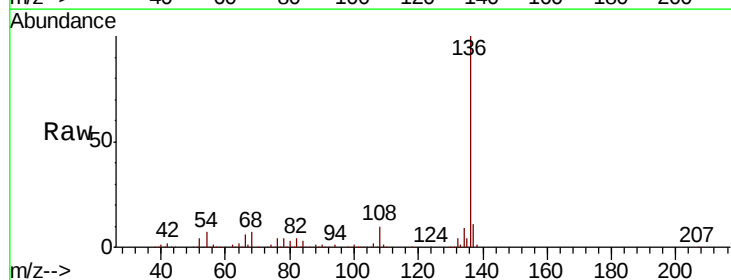
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

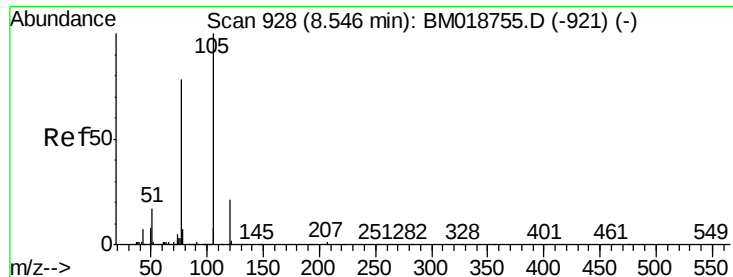
Tgt Ion:107 Resp: 137
Ion Ratio Lower Upper
107 100
108 0.0 67.3 107.3#
77 85.6 18.0 58.0#
79 0.0 12.8 52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:136 Resp: 823715
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.0 7.6
68 7.4 5.5 8.3

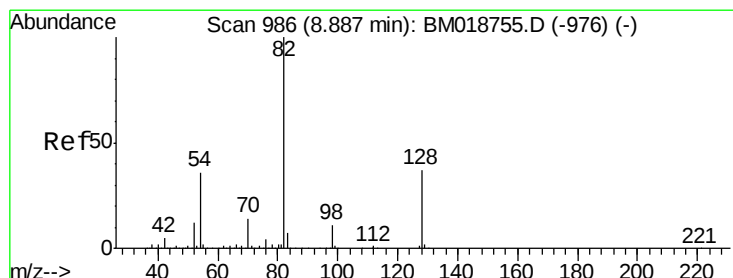
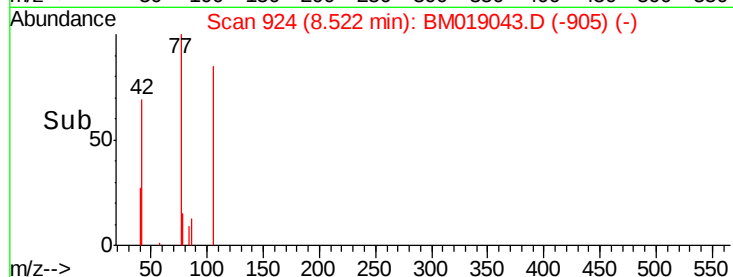
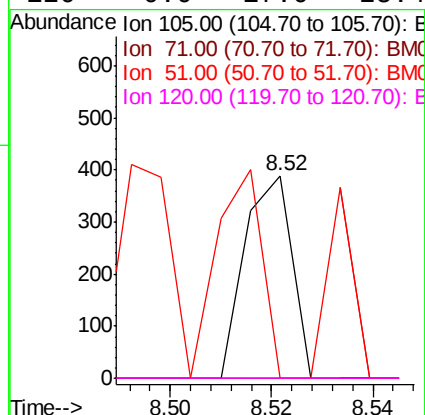
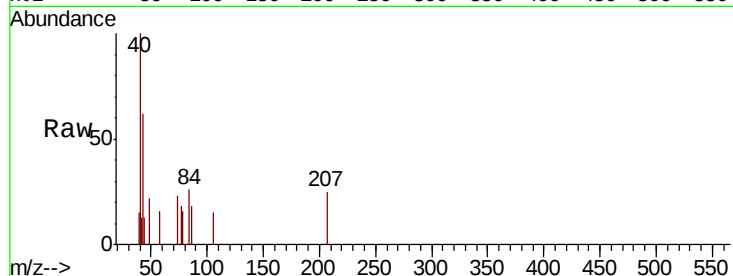




#22
Acetophenone
Concen: 0.011 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

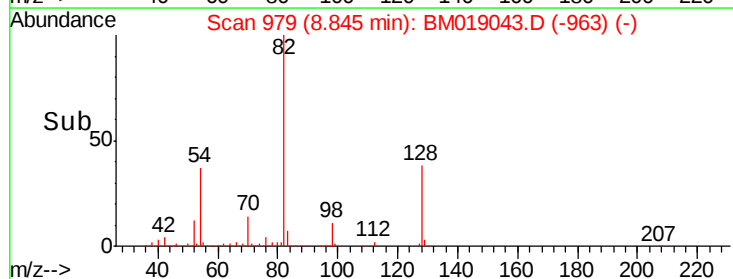
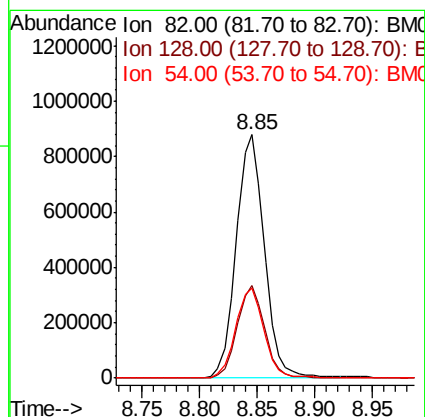
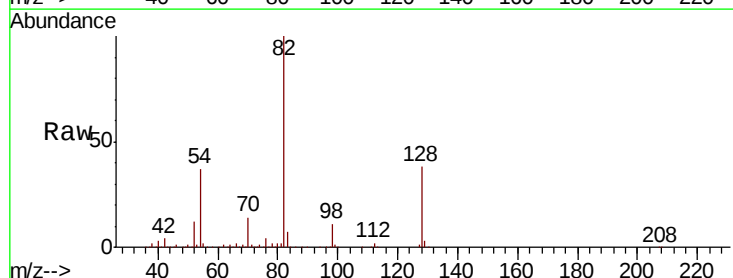
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

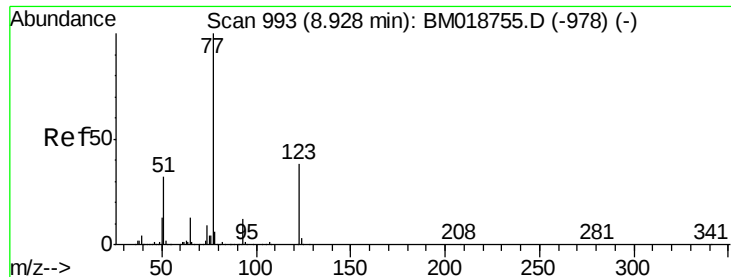
Tgt Ion:	105	Resp:	251
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	0.0	15.5	23.3#
120	0.0	17.0	25.4#



#23
Nitrobenzene-d5
Concen: 83.611 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:	82	Resp:	1489491
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.9	44.9
54	37.0	29.1	43.7

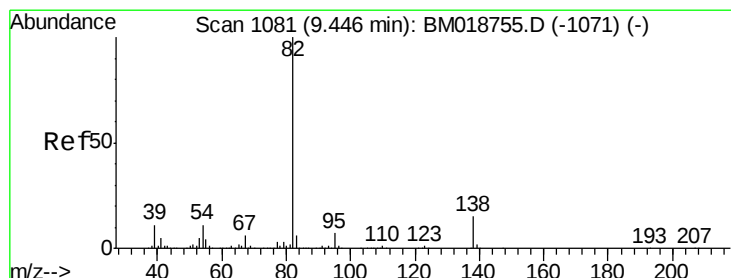
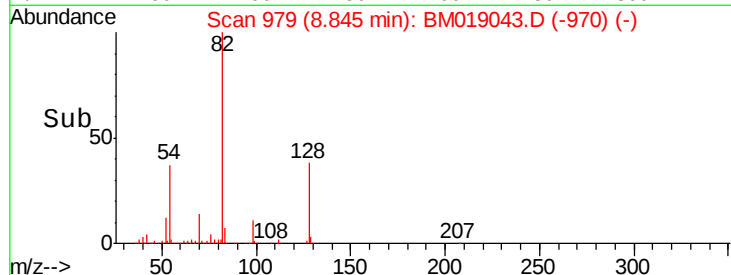
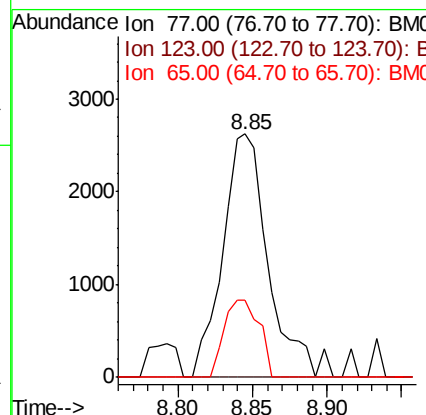
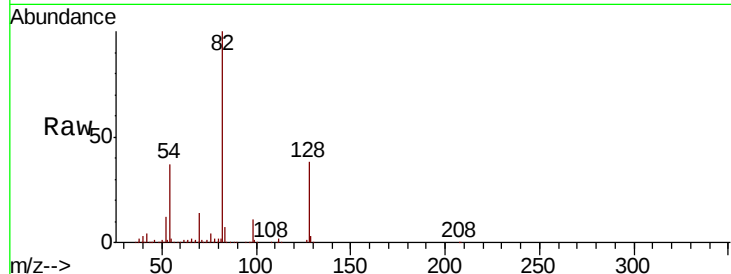




#24
 Nitrobenzene
 Concen: 0.305 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.05 min
 Lab File: BM019043.D
 Acq: 05 Mar 2019 19:04

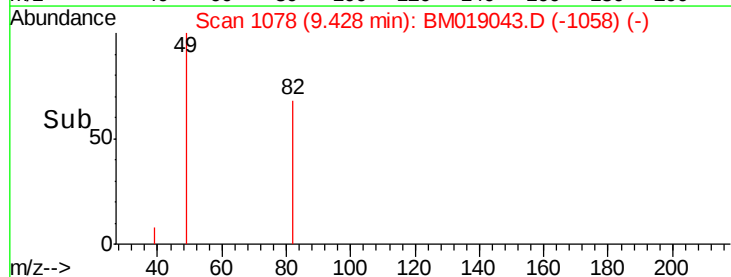
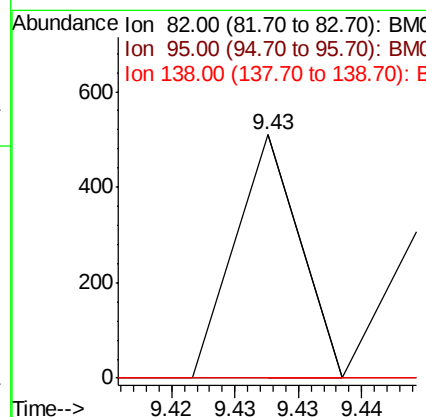
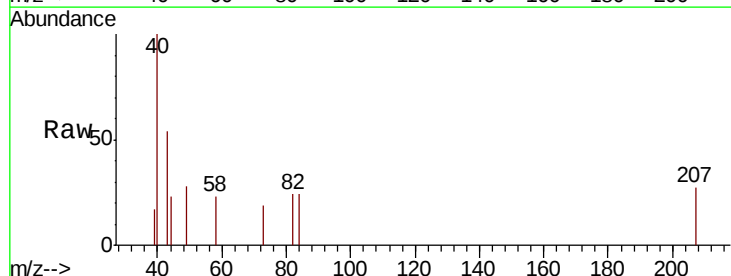
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW006-022719

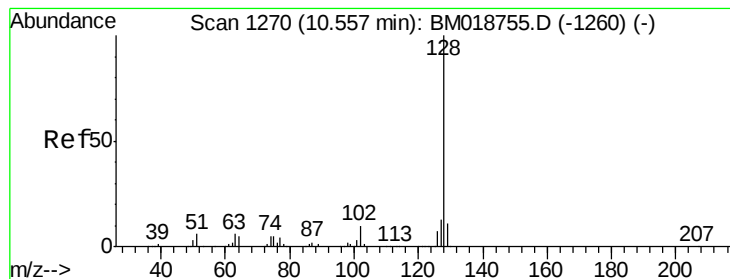
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.7	46.1#
65	31.6	10.5	15.7#



#25
 Isophorone
 Concen: 0.006 ng
 RT: 9.43 min Scan# 1078
 Delta R.T. 0.02 min
 Lab File: BM019043.D
 Acq: 05 Mar 2019 19:04

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

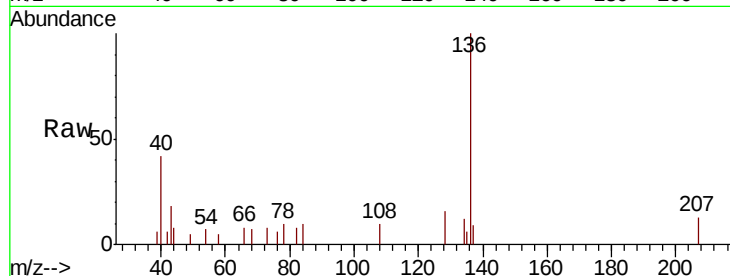




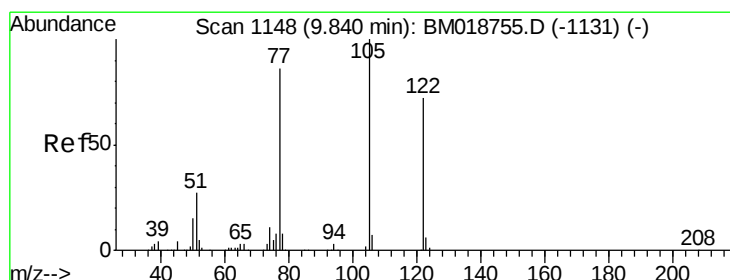
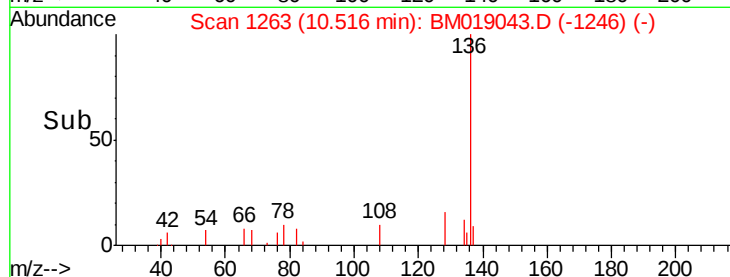
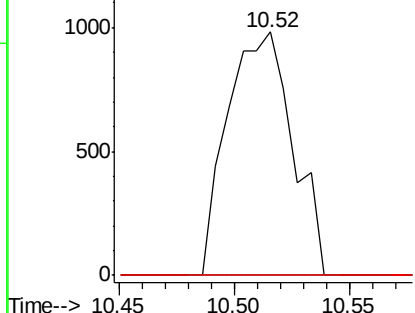
#31
Naphthalene
Concen: 0.048 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:128 Resp: 1929
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.7 16.1#

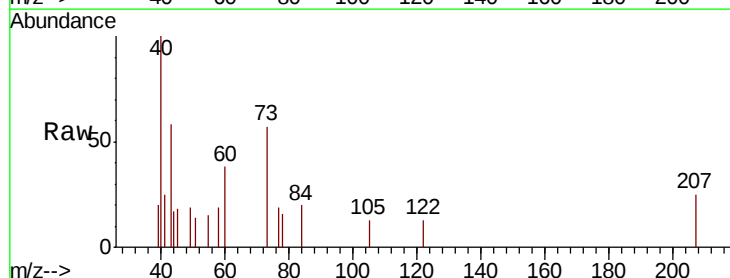


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

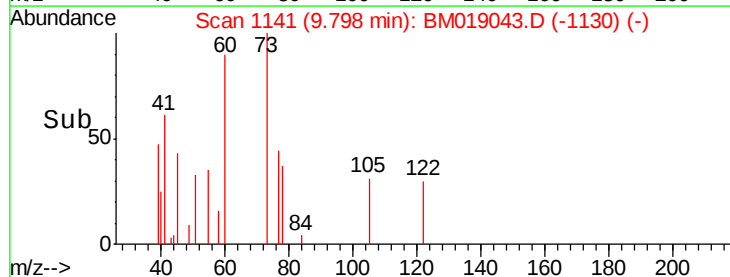
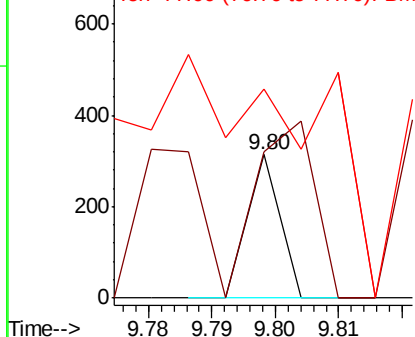


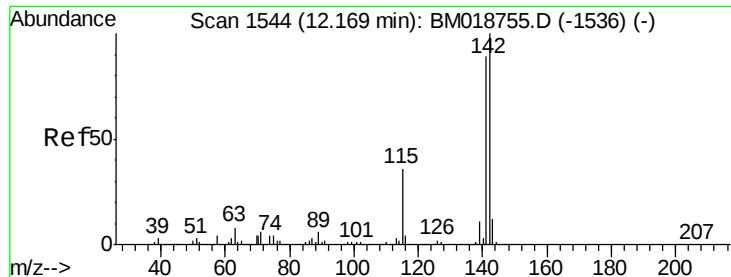
#32
Benzoic acid
Concen: 0.012 ng
RT: 9.80 min Scan# 1141
Delta R.T. -0.04 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 101.6 117.5 157.5#
77 145.9 98.5 138.5#



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

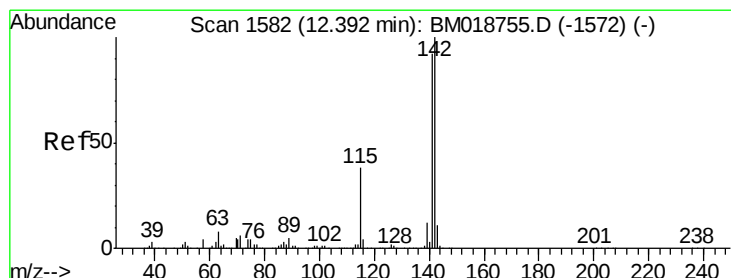
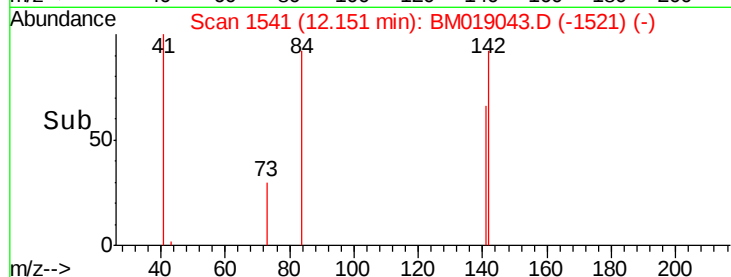
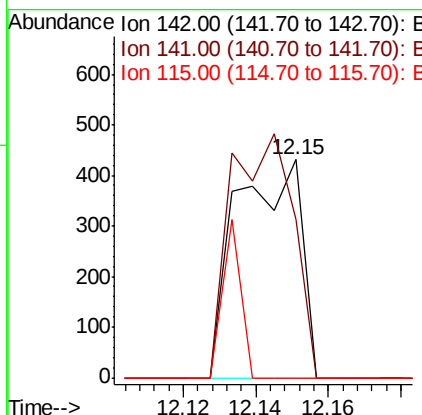
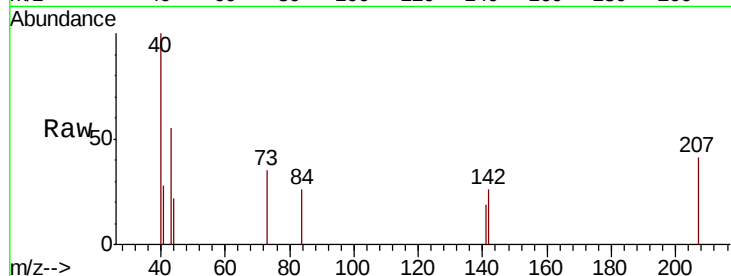




#37
2-Methylnaphthalene
Concen: 0.019 ng
RT: 12.15 min Scan# 1541
Delta R.T. 0.02 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

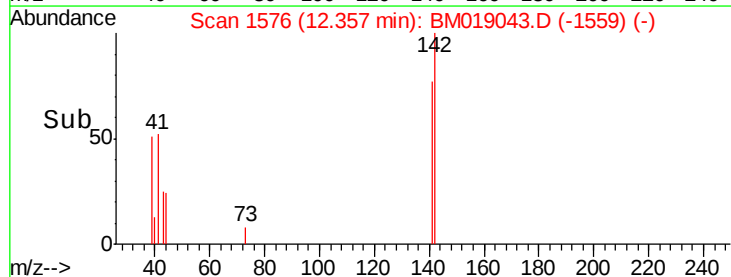
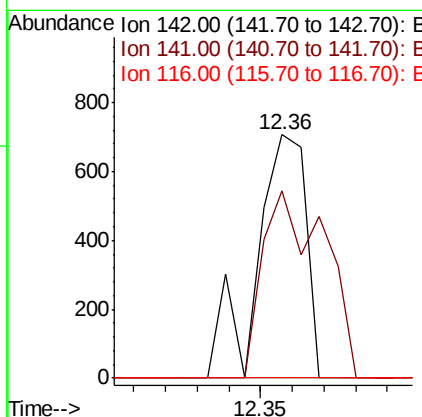
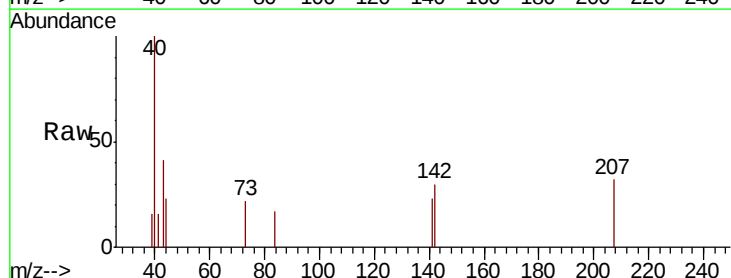
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

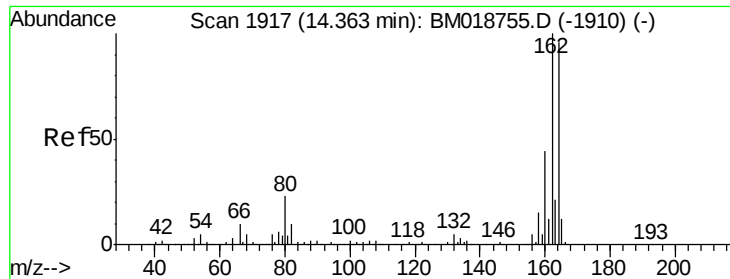
Tgt Ion:142 Resp: 533
Ion Ratio Lower Upper
142 100
141 72.4 71.2 106.8
115 0.0 29.1 43.7#



#38
1-Methylnaphthalene
Concen: 0.028 ng
RT: 12.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:142 Resp: 769
Ion Ratio Lower Upper
142 100
141 76.8 73.9 110.9
116 0.0 3.0 4.4#

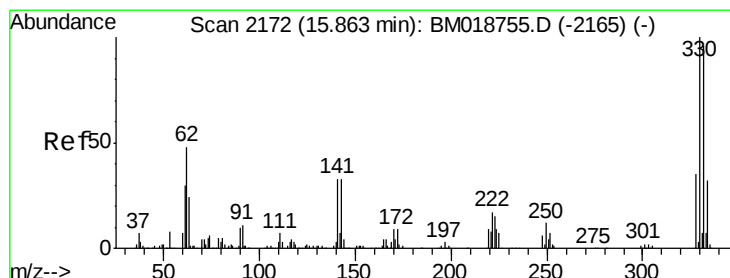
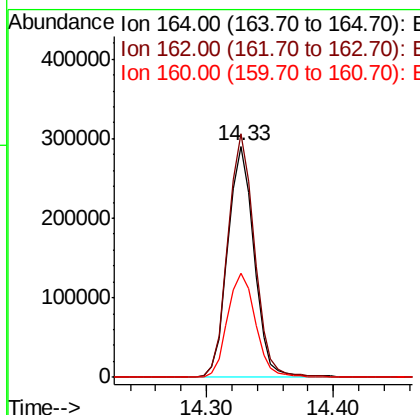
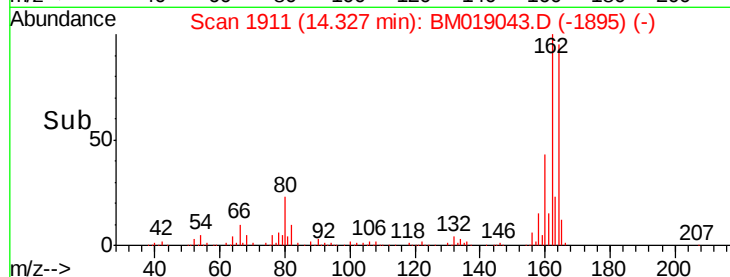
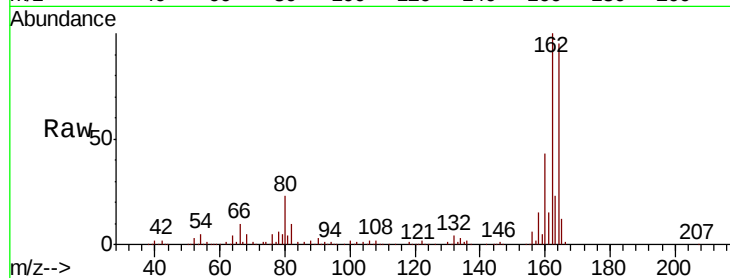




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

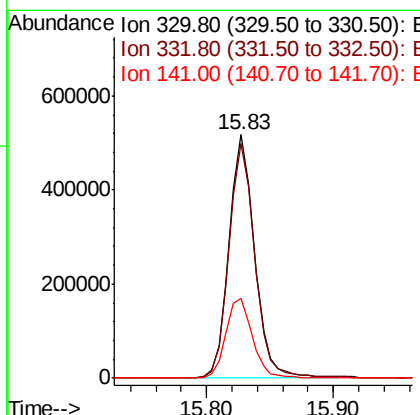
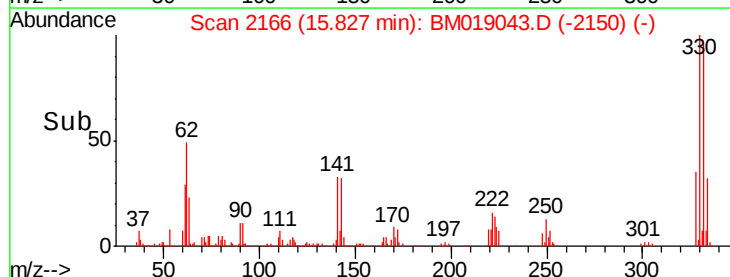
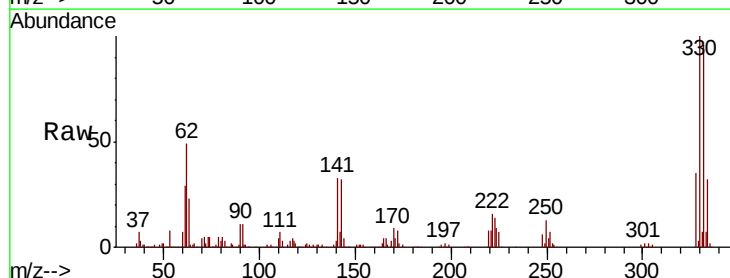
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

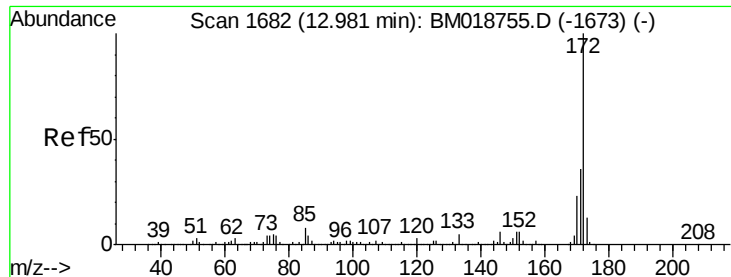
Tgt Ion:164 Resp: 417828
Ion Ratio Lower Upper
164 100
162 105.4 83.4 125.0
160 45.2 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 120.134 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:330 Resp: 723555
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 34.2 28.7 43.1

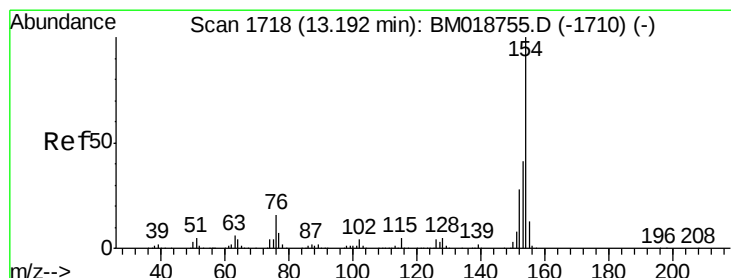
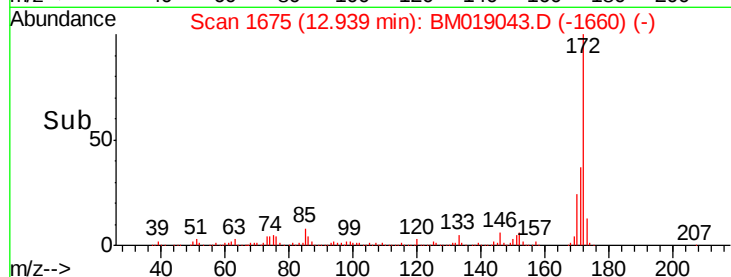
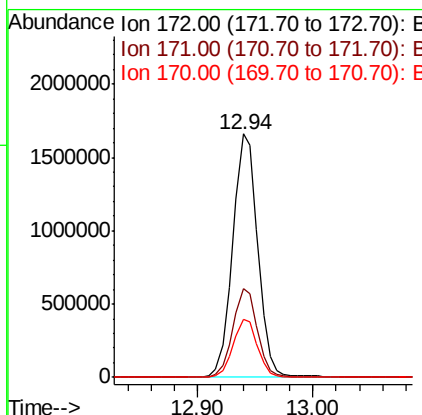
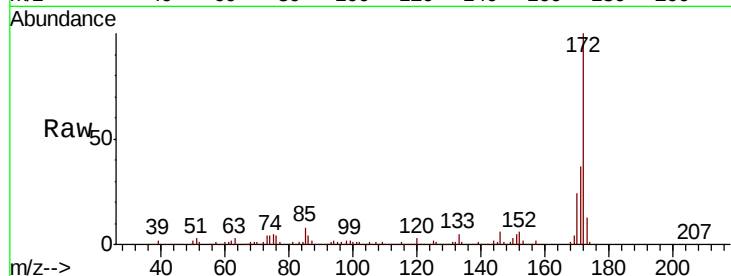




#45
2-Fluorobiphenyl
Concen: 79.319 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

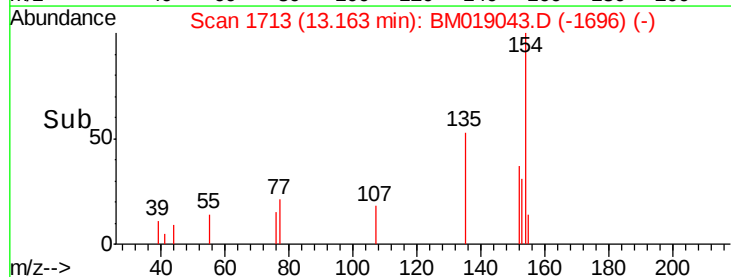
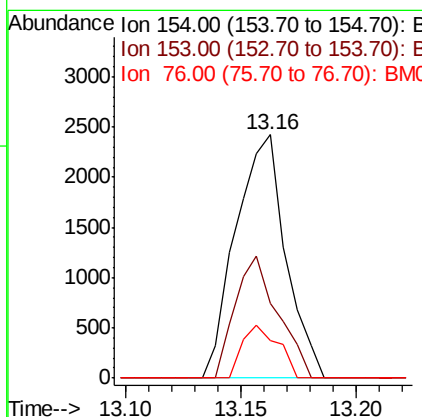
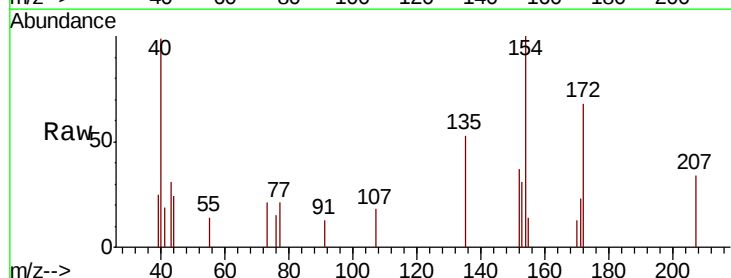
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

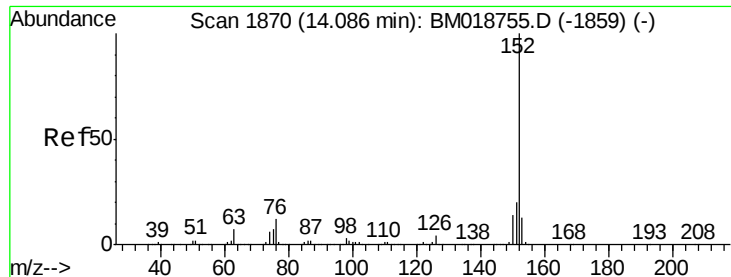
Tgt Ion:172 Resp: 2496599
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.101 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:154 Resp: 3639
Ion Ratio Lower Upper
154 100
153 30.5 21.1 61.1
76 15.4 0.0 35.7





#49

Acenaphthylene

Concen: 0.137 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

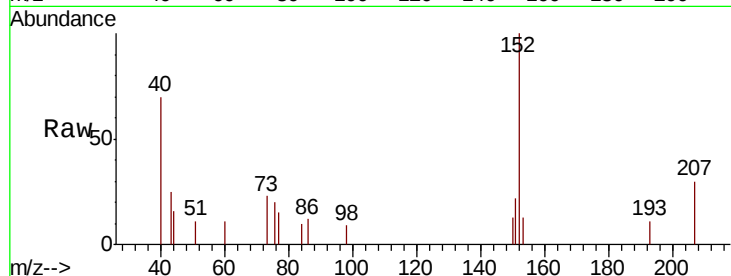
Tgt Ion:152 Resp: 5680

Ion Ratio Lower Upper

152 100

151 22.4 15.8 23.8

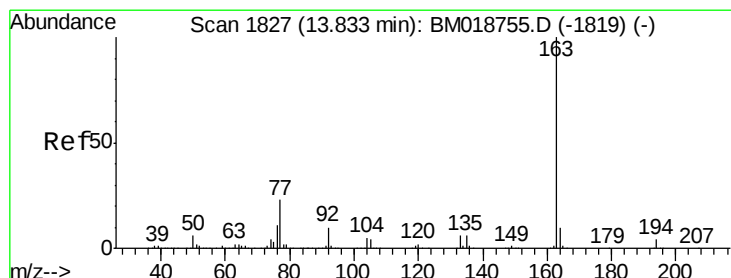
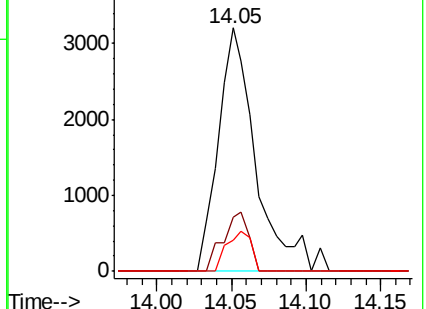
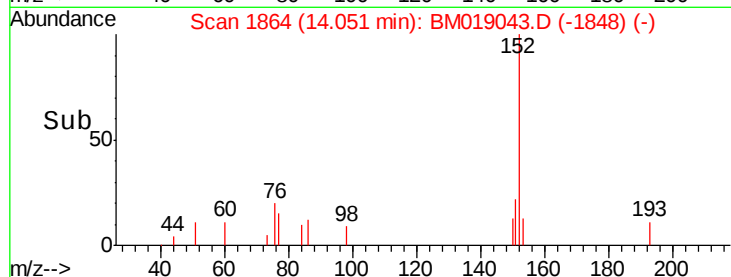
153 12.6 10.5 15.7



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: 4.508 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

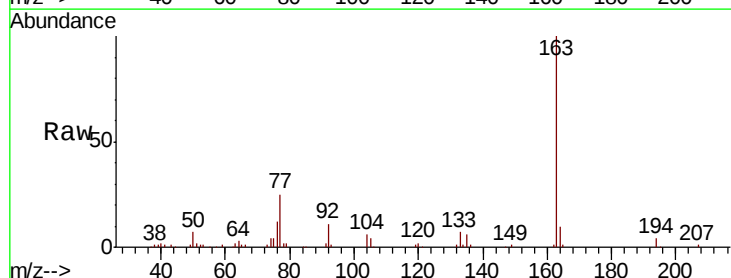
Tgt Ion:163 Resp: 156981

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

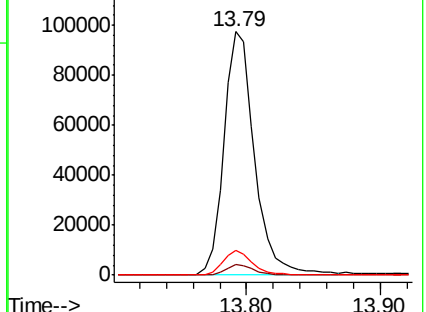
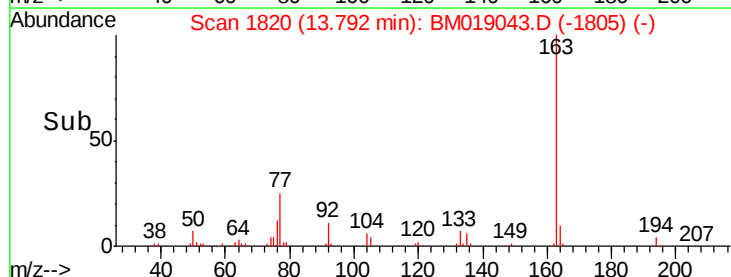
164 10.1 7.8 11.8

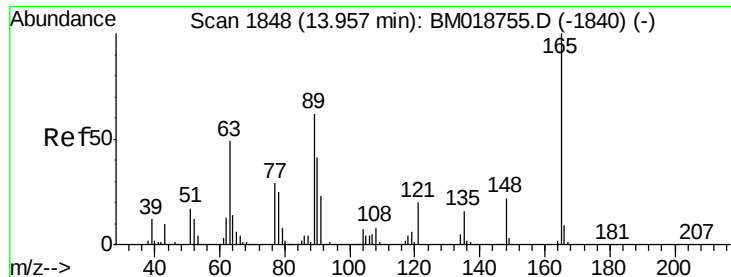


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

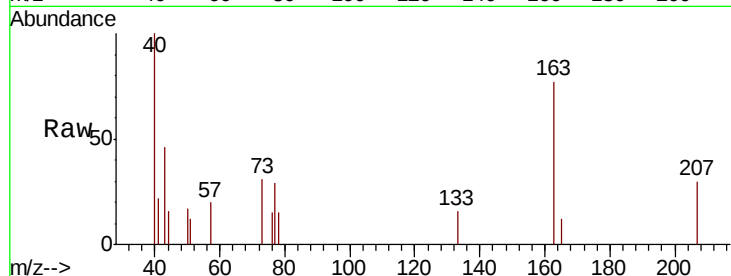




#51
2,6-Dinitrotoluene
Concen: 0.014 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.09 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

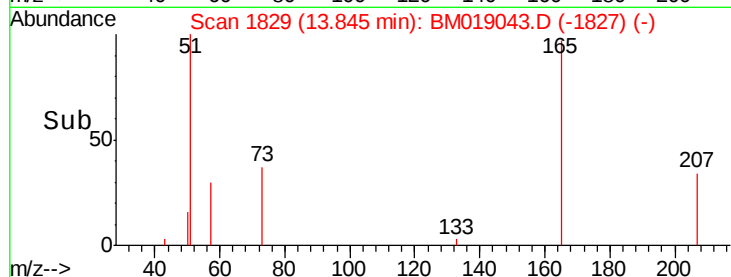
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	49.4	74.0#

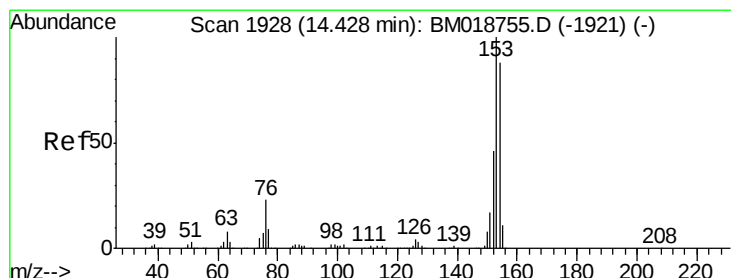


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM019043.D (-1827) (-)
Ion 89.00 (88.70 to 89.70): BM019043.D (-1827) (-)

13.84

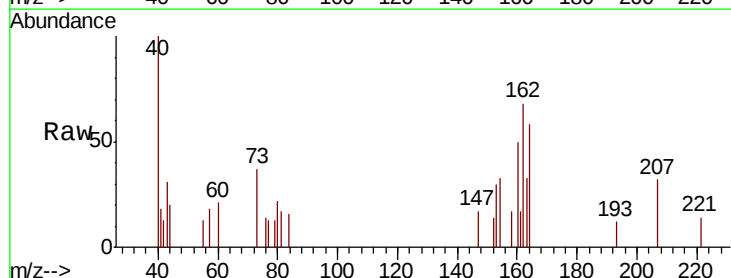


Time-->



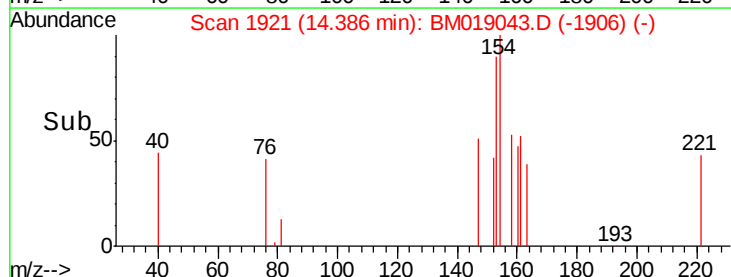
#52
Acenaphthene
Concen: 0.041 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	90.0	91.3	136.9#
152	42.1	42.2	63.4#

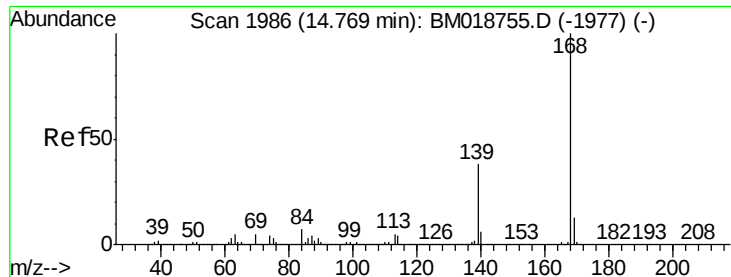


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

14.39



Time-->



#55

Dibenzo(f,h)quinoxaline

Concen: 0.050 ng

RT: 14.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

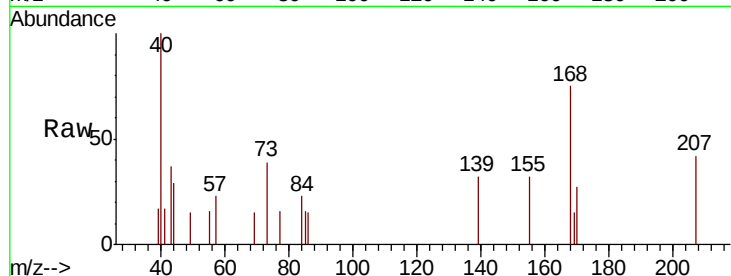
Tgt Ion:168 Resp: 2091

Ion Ratio Lower Upper

168 100

139 42.8 30.7 46.1

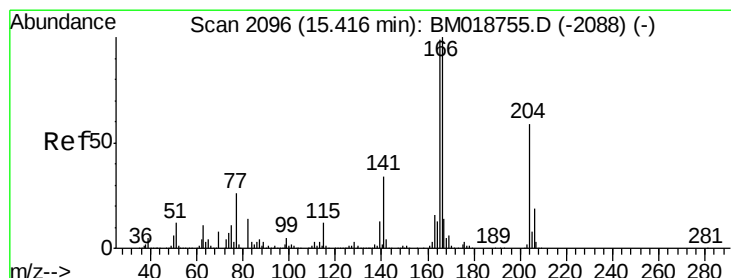
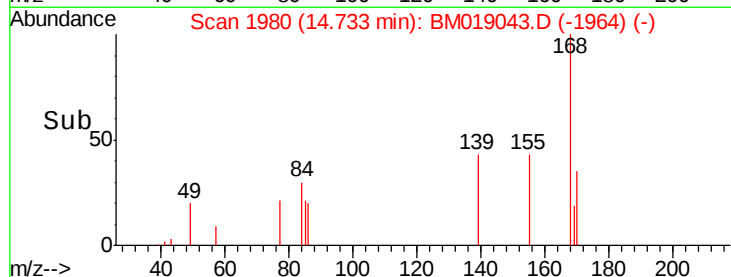
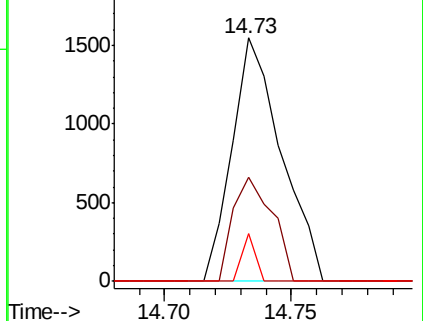
169 19.4 10.3 15.5#



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: 0.072 ng

RT: 15.39 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

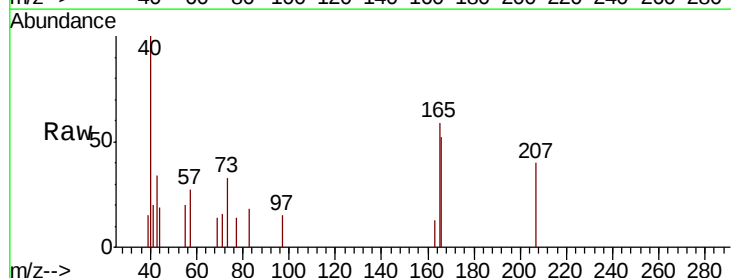
Tgt Ion:166 Resp: 2281

Ion Ratio Lower Upper

166 100

165 112.7 79.1 118.7

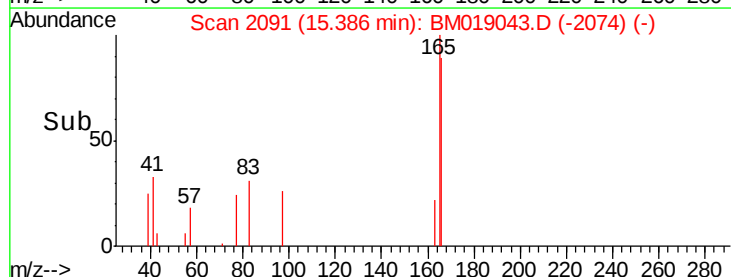
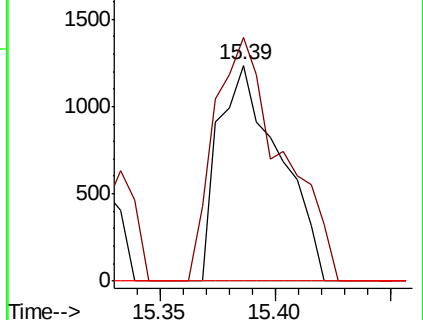
167 0.0 11.0 16.4#

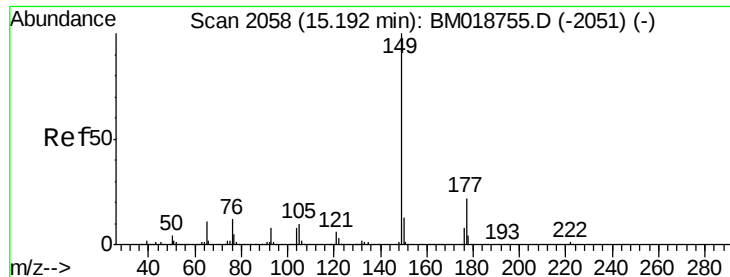


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

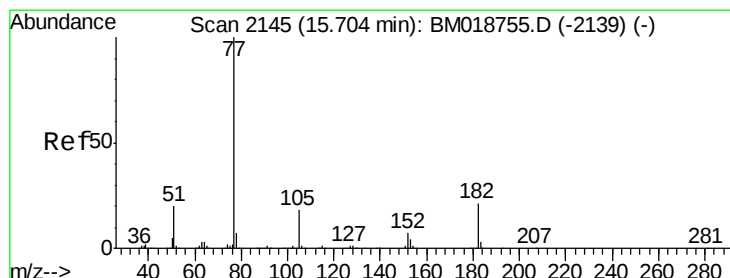
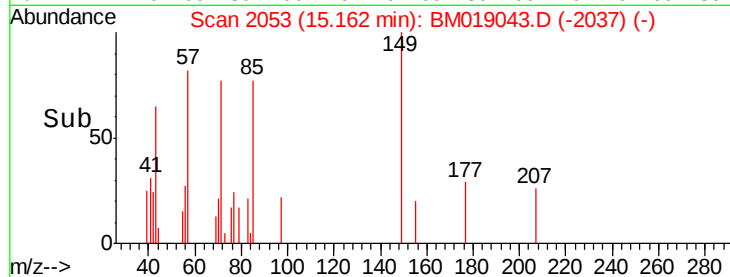
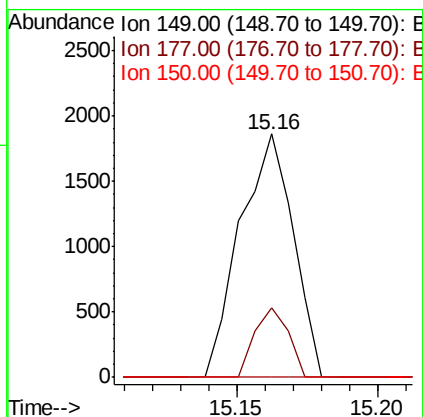
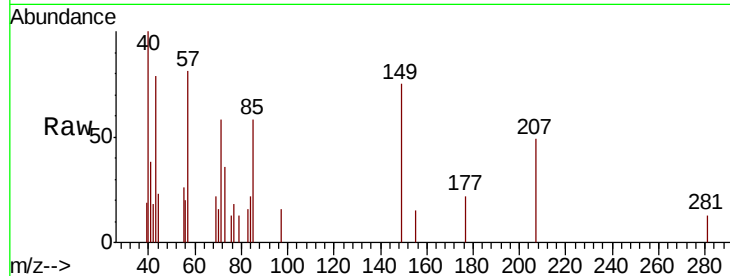




#60
Diethylphthalate
Concen: 0.067 ng
RT: 15.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

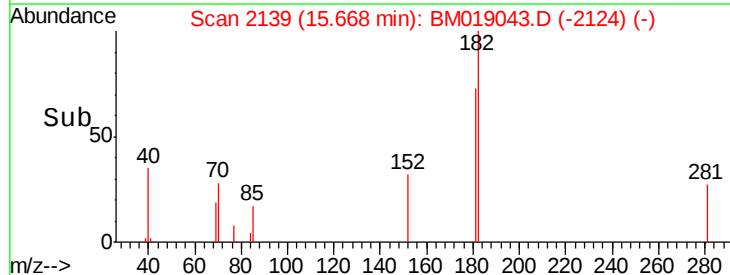
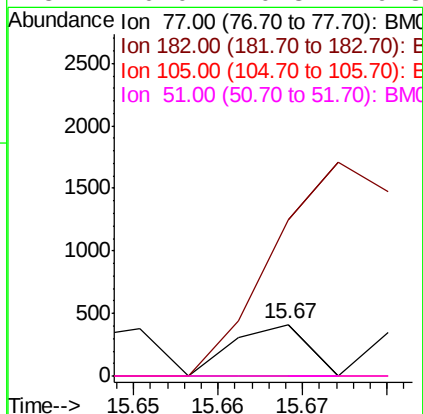
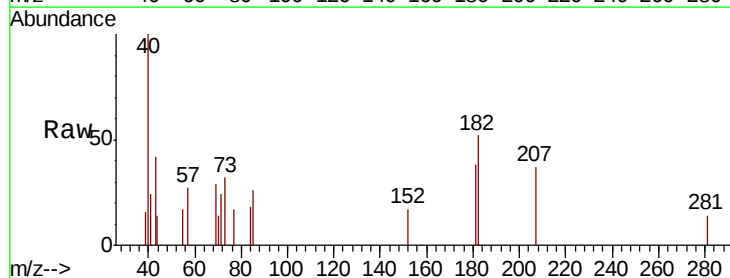
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

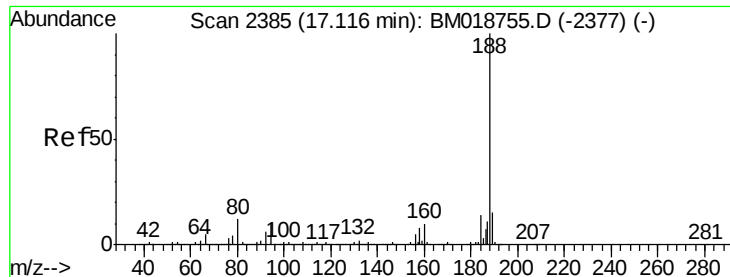
Tgt Ion: 149 Resp: 2421
Ion Ratio Lower Upper
149 100
177 28.6 17.2 25.8#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.007 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion: 77 Resp: 253
Ion Ratio Lower Upper
77 100
182 300.2 1.0 41.0#
105 0.0 0.0 37.7
51 0.0 0.3 40.3#

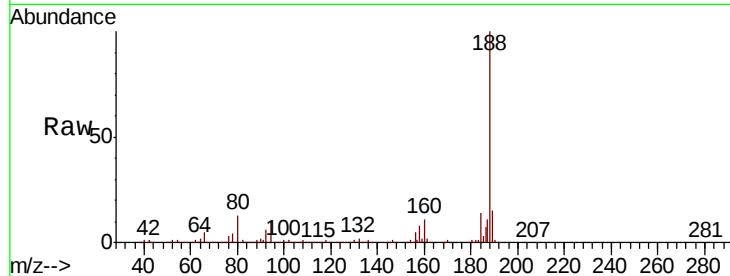




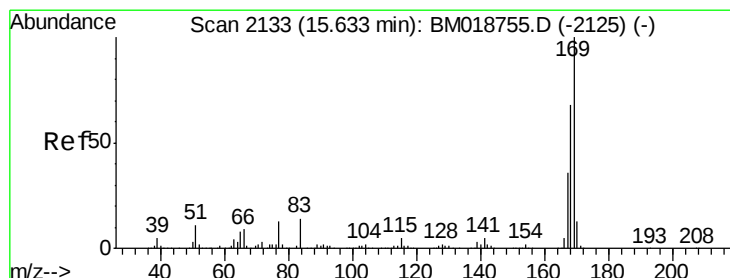
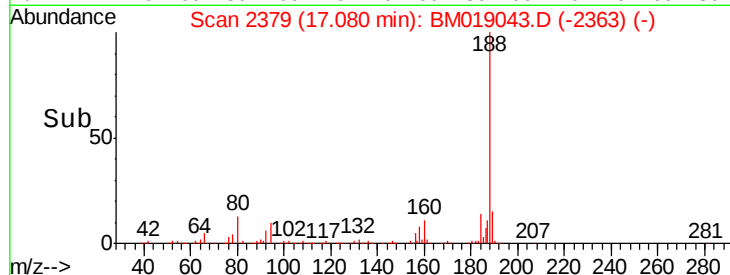
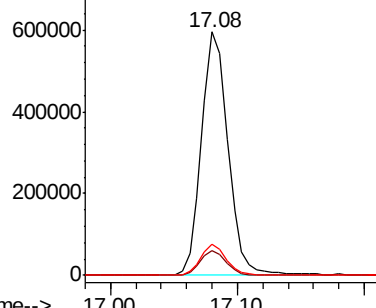
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:188 Resp: 862461
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.5 9.7 14.5

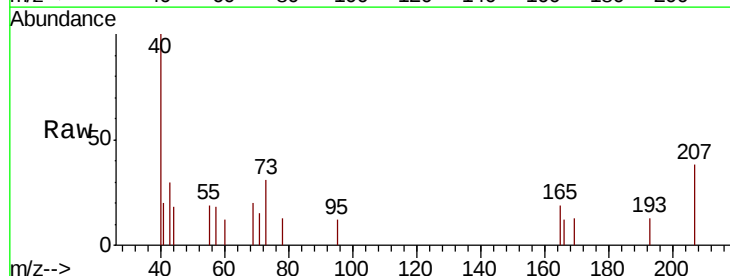


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

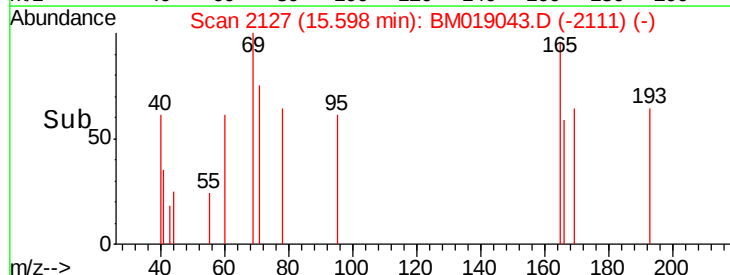
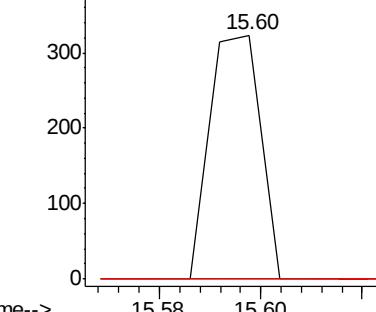


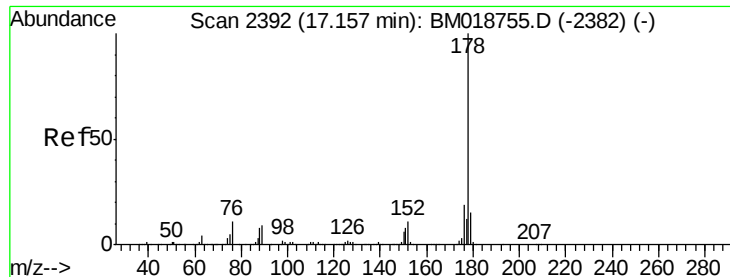
#66
n-Nitrosodiphenylamine
Concen: 0.008 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:169 Resp: 225
Ion Ratio Lower Upper
169 100
168 0.0 54.4 81.6#
167 0.0 29.0 43.6#



Abundance Ion 169.00 (168.70 to 169.70): E
400
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

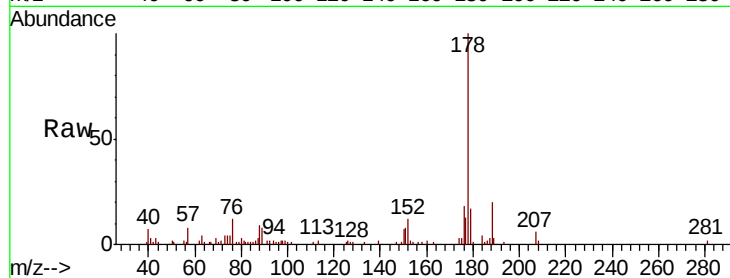




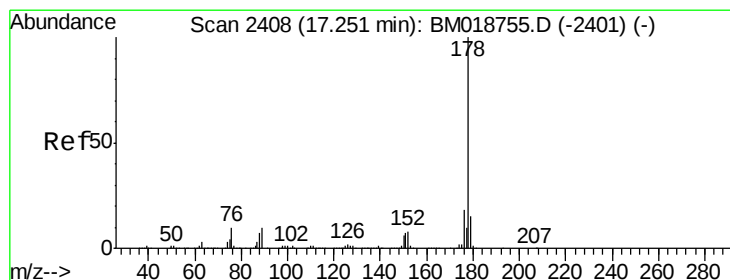
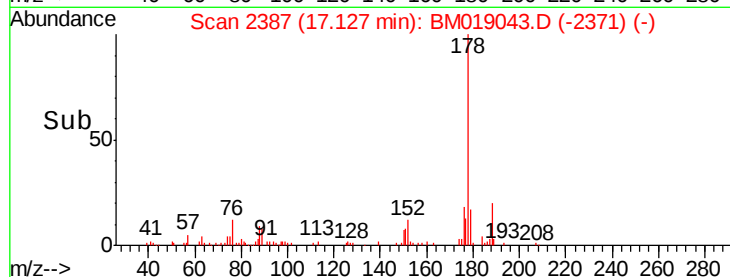
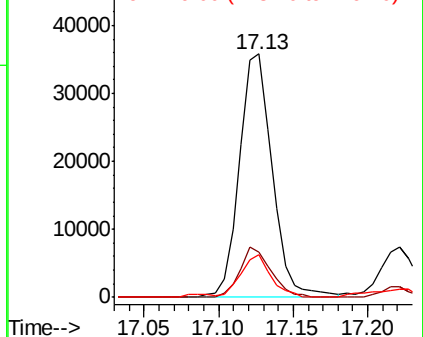
#71
Phenanthrene
Concen: 1.181 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:178 Resp: 54730
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 17.3 12.3 18.5

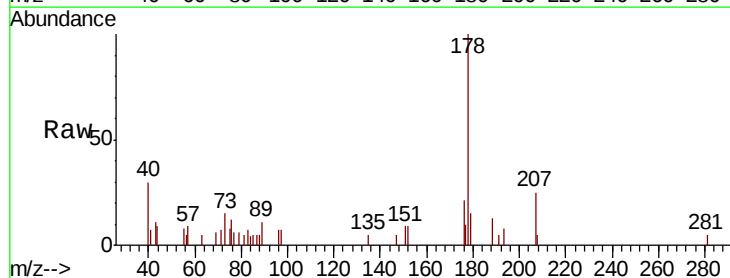


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

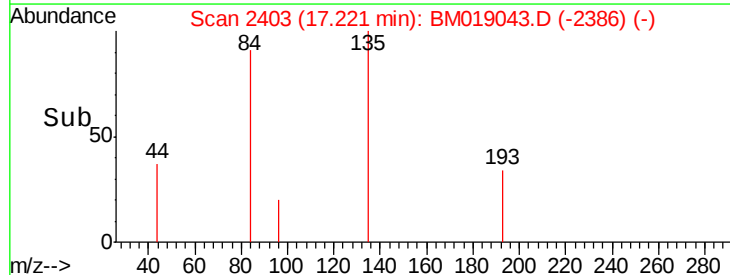
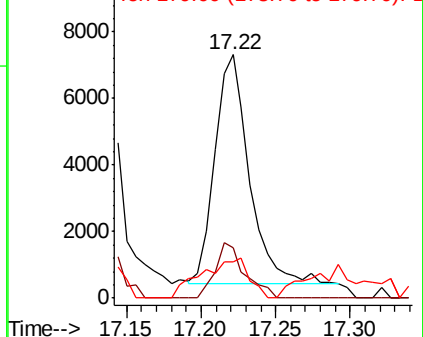


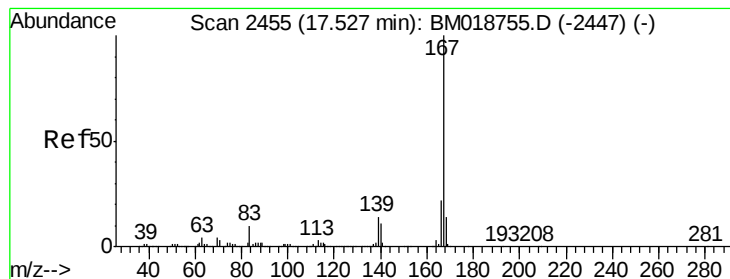
#72
Anthracene
Concen: 0.247 ng
RT: 17.22 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:178 Resp: 11121
Ion Ratio Lower Upper
178 100
176 20.8 14.8 22.2
179 15.0 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: 0.085 ng

RT: 17.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

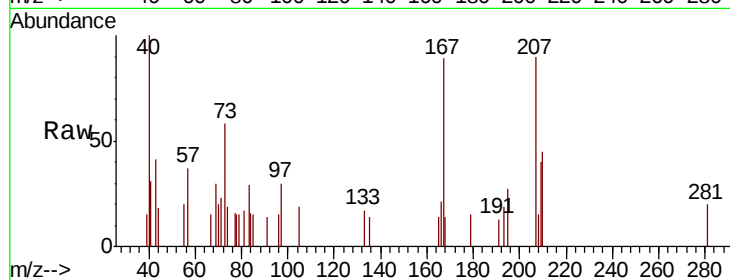
Tgt Ion:167 Resp: 3996

Ion Ratio Lower Upper

167 100

166 23.9 17.7 26.5

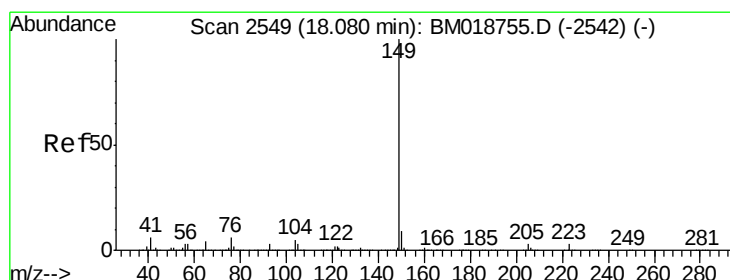
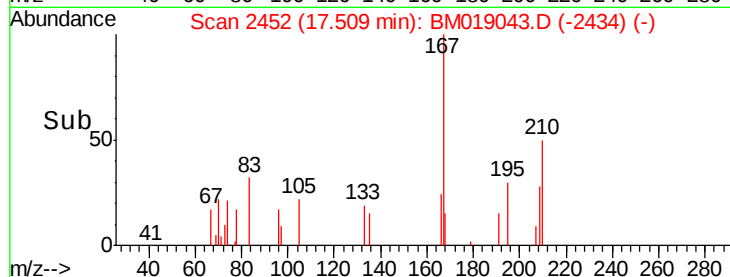
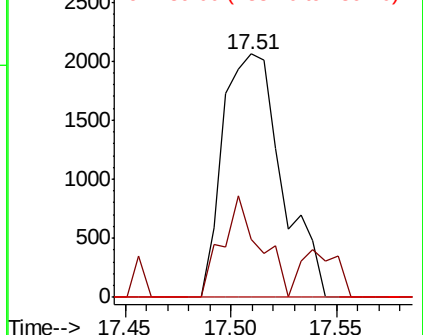
139 0.0 10.9 16.3#



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: 0.214 ng

RT: 18.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

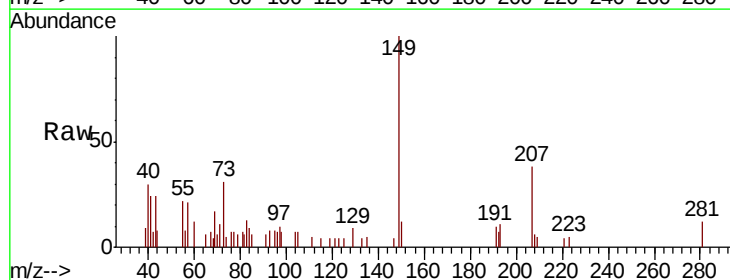
Tgt Ion:149 Resp: 11620

Ion Ratio Lower Upper

149 100

150 11.9 7.4 11.0#

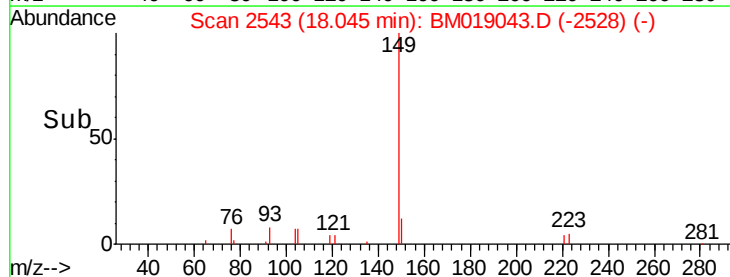
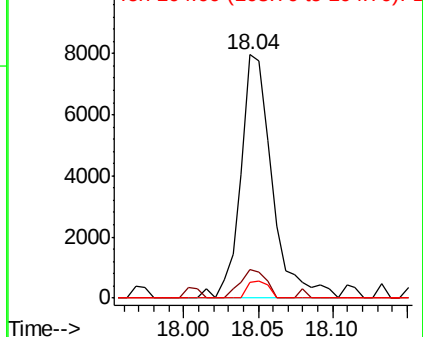
104 6.7 4.3 6.5#

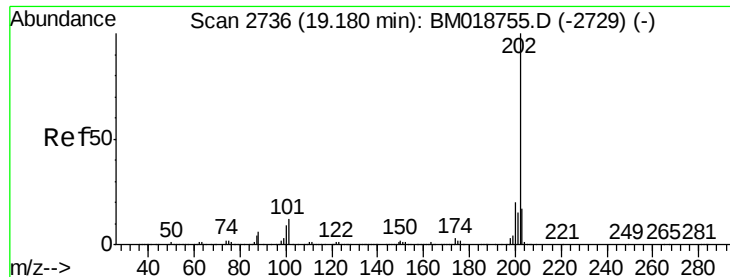


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 1.760 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

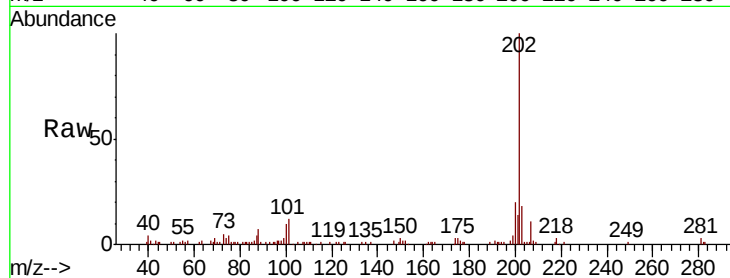
Tgt Ion:202 Resp: 94232

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.5

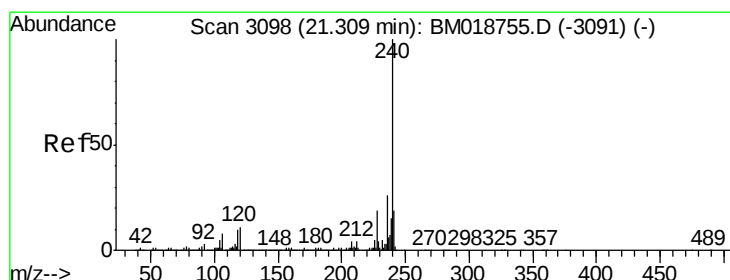
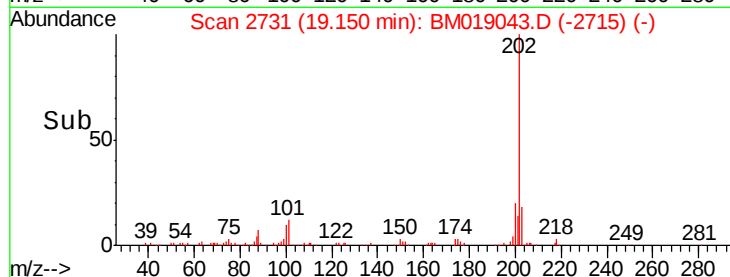
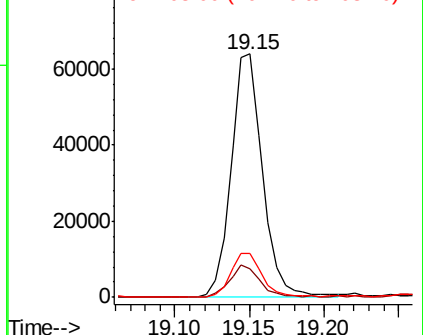
203 18.0 0.0 37.3



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: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

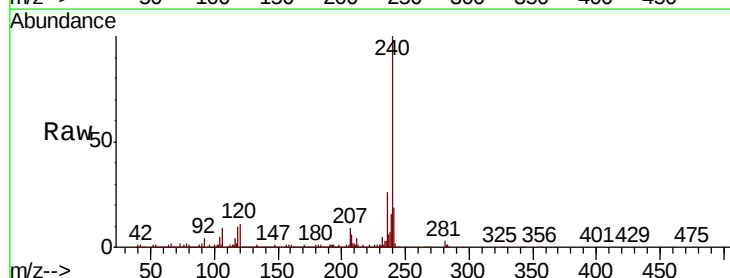
Tgt Ion:240 Resp: 811166

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

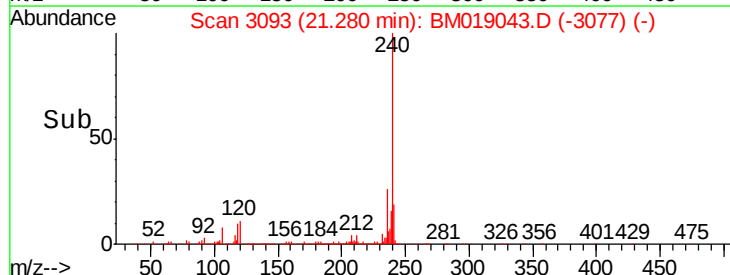
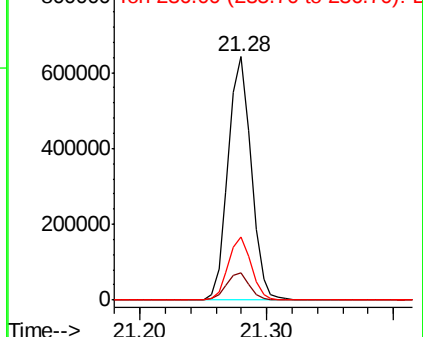
236 26.1 20.9 31.3

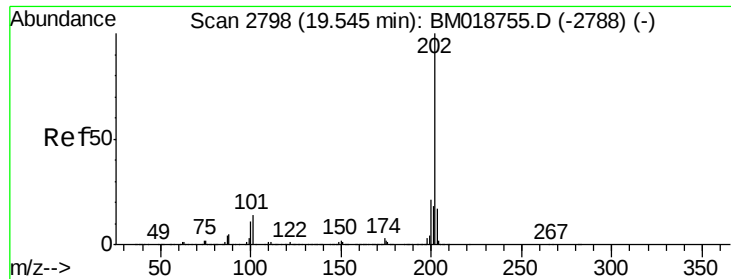


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

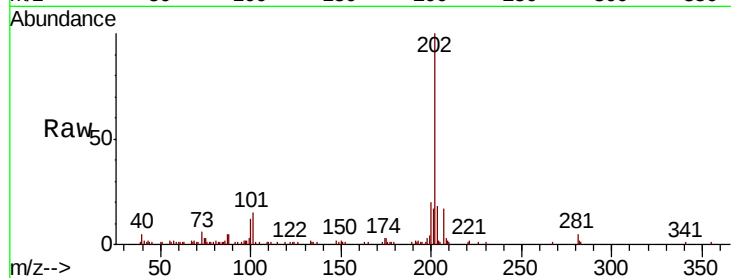




#78
 Pyrene
 Concen: 1.835 ng
 RT: 19.52 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM019043.D
 Acq: 05 Mar 2019 19:04

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW006-022719

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.9	13.8	20.8

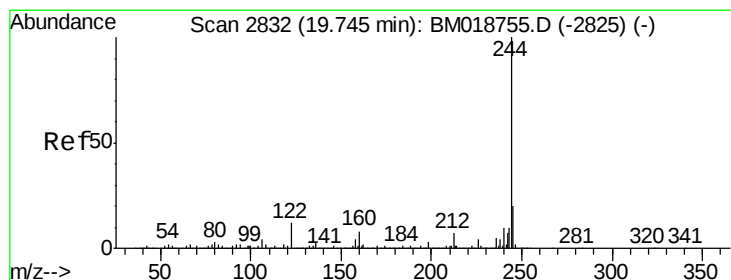
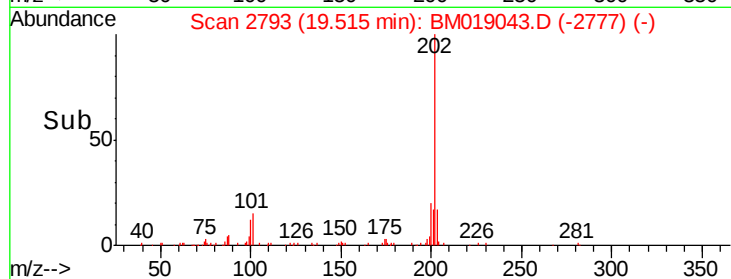
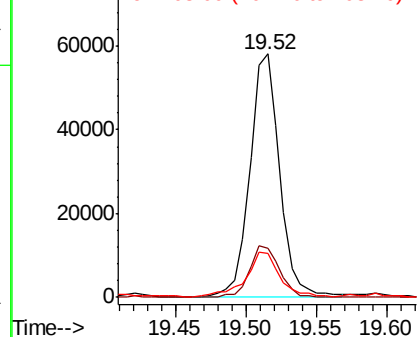


Abundance

Ion 202.00 (201.70 to 202.70): E

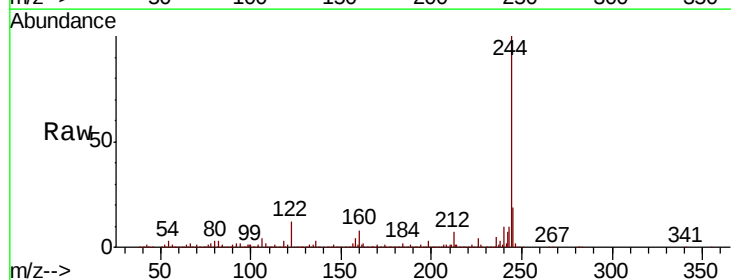
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
 Terphenyl-d14
 Concen: 77.606 ng
 RT: 19.72 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM019043.D
 Acq: 05 Mar 2019 19:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.8	9.3	13.9

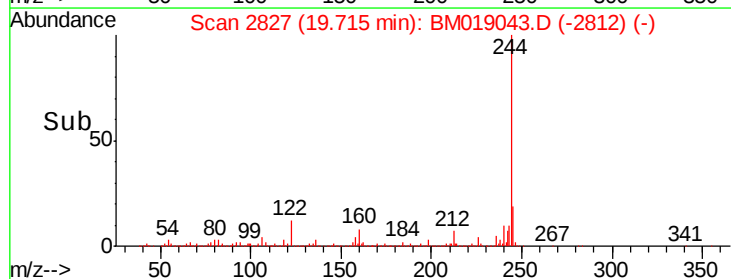
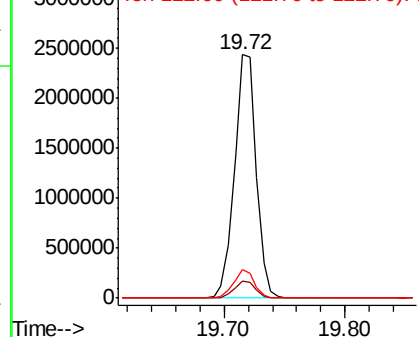


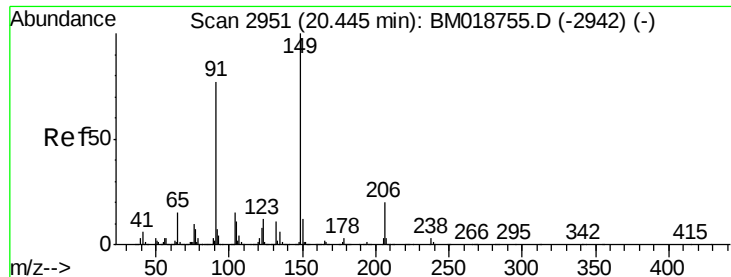
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

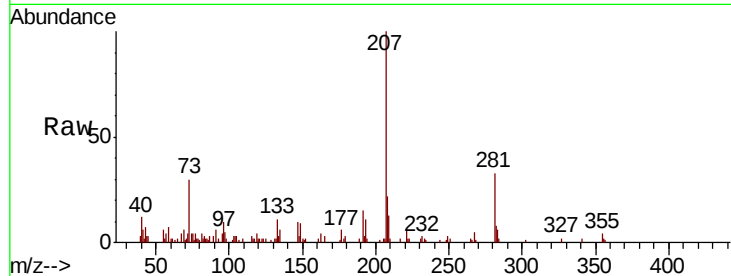




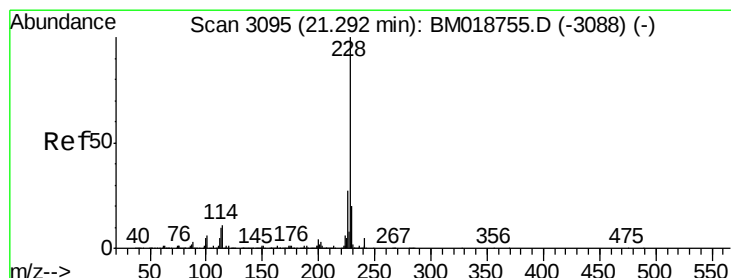
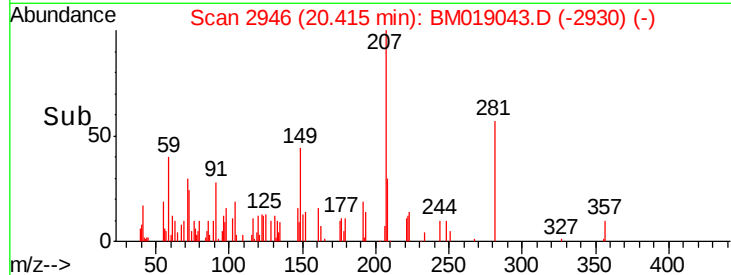
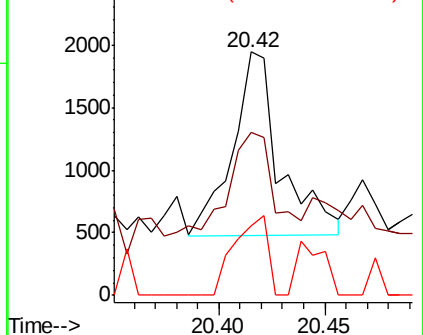
#80
Butylbenzylphthalate
Concen: 0.108 ng
RT: 20.42 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:149 Resp: 2311
Ion Ratio Lower Upper
149 100
91 67.0 61.4 92.0
206 28.7 15.8 23.8#

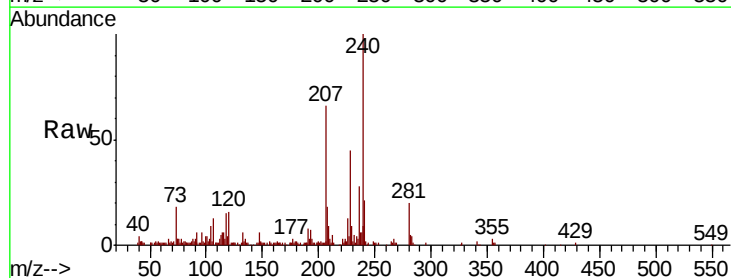


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

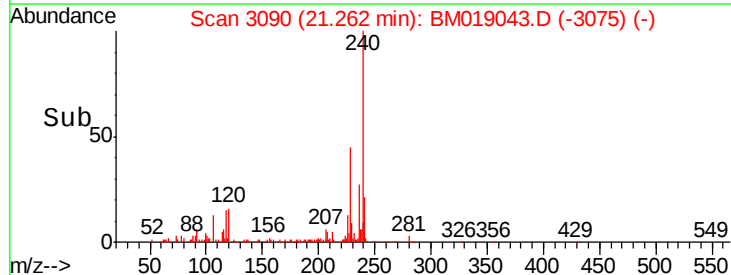
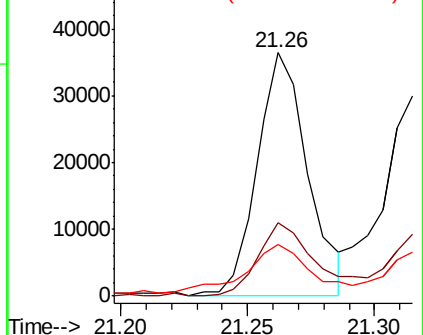


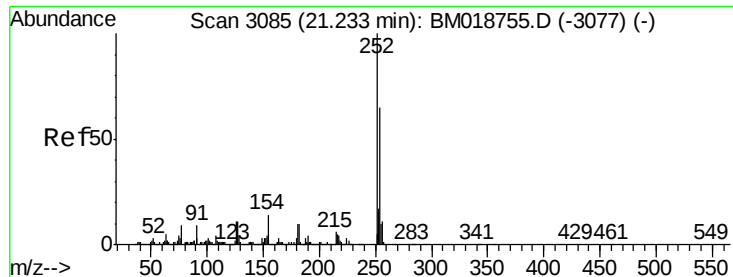
#81
Benzo(a)anthracene
Concen: 1.079 ng
RT: 21.26 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:228 Resp: 50997
Ion Ratio Lower Upper
228 100
226 30.0 21.9 32.9
229 21.1 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: 0.055 ng

RT: 21.23 min Scan# 3084

Delta R.T. 0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

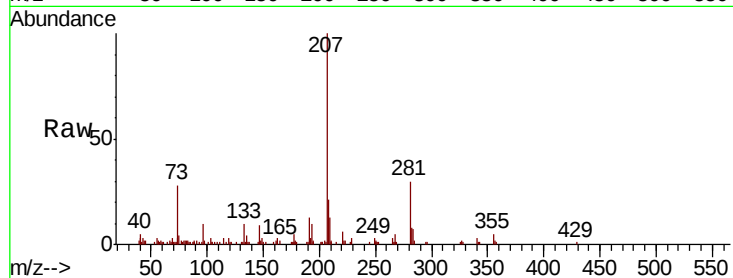
Tgt Ion:252 Resp: 1030

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 66.6 9.1 13.7#

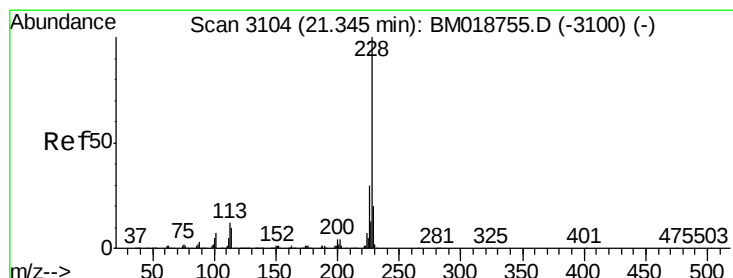
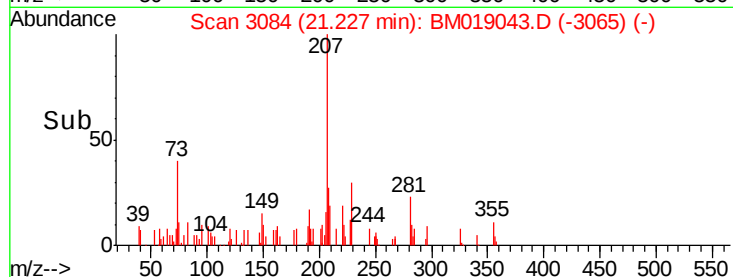
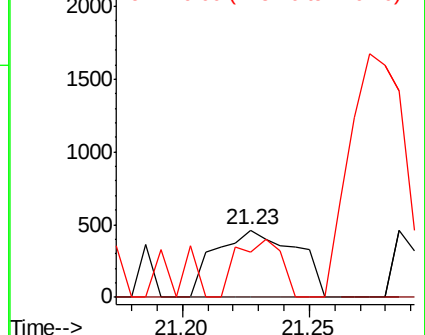


Abundance

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: 1.035 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

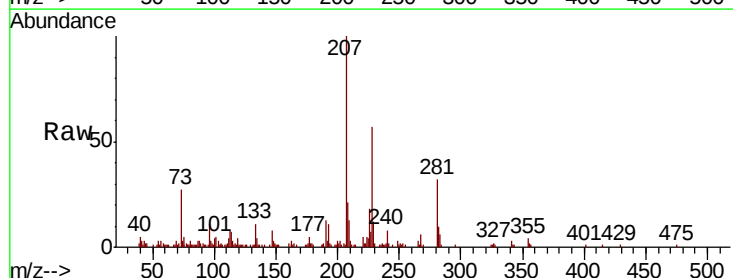
Tgt Ion:228 Resp: 46904

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

229 21.7 16.0 24.0

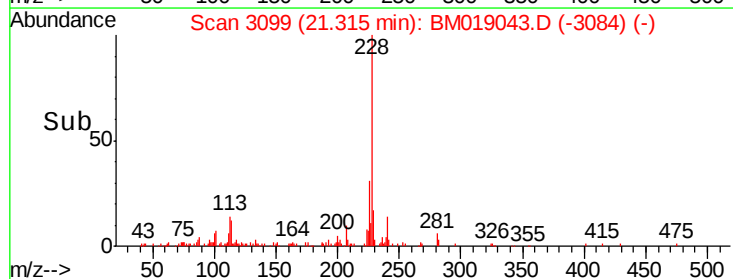
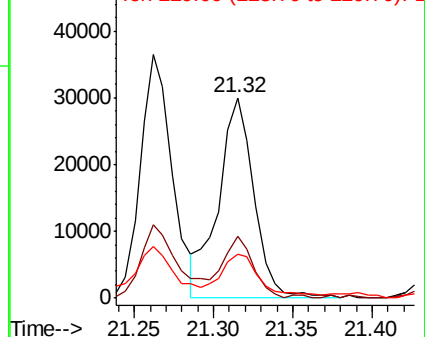


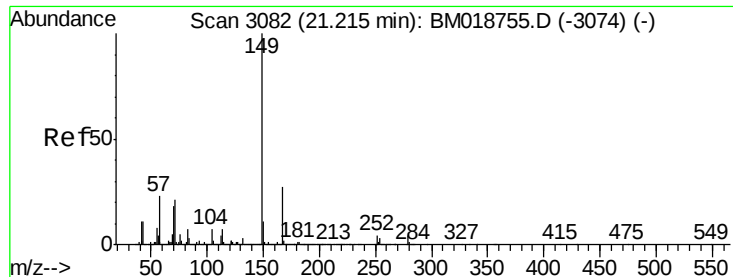
Abundance

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

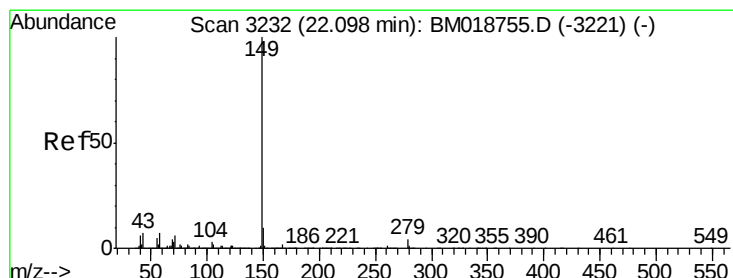
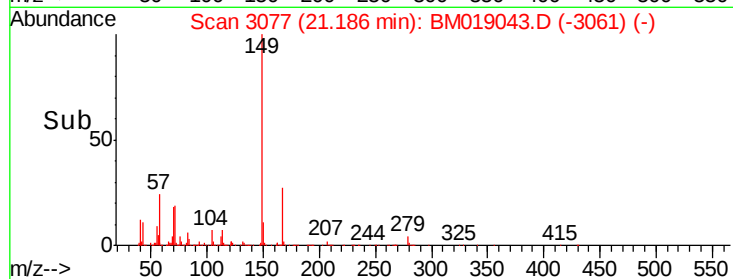
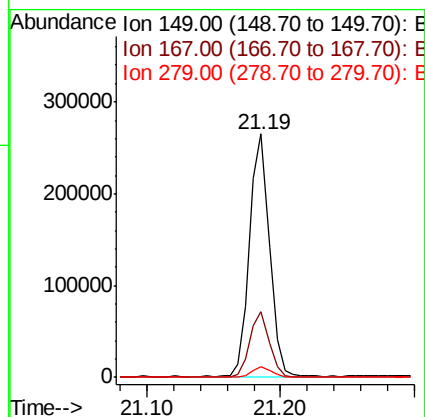
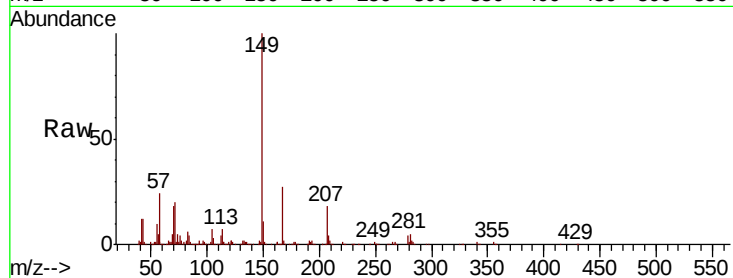




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.593 ng
 RT: 21.19 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM019043.D
 Acq: 05 Mar 2019 19:04

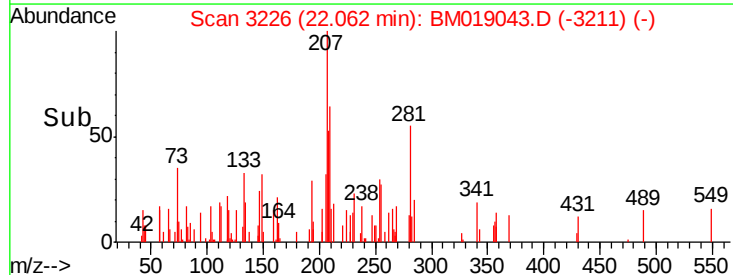
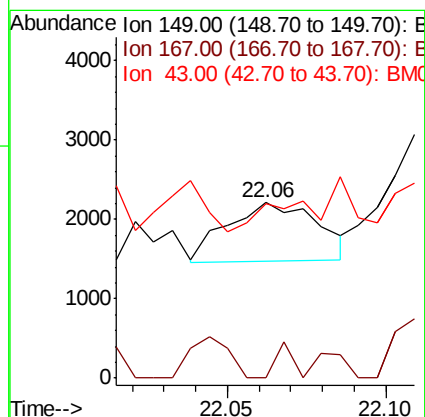
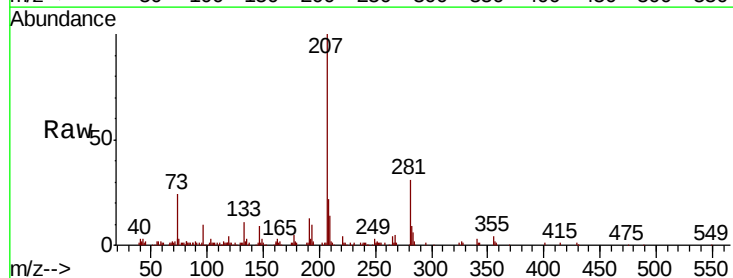
Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW006-022719

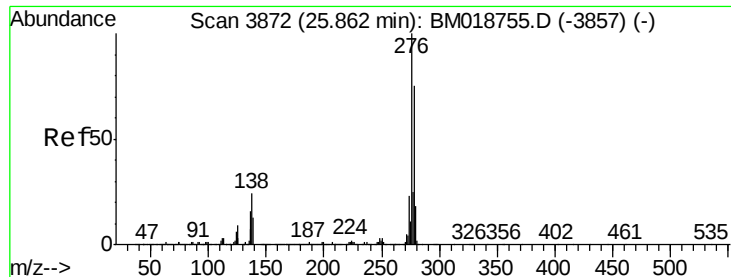
Tgt Ion:149 Resp: 270038
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.6
 279 4.2 3.6 5.4



#85
 Di-n-octyl phthalate
 Concen: 0.027 ng
 RT: 22.06 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BM019043.D
 Acq: 05 Mar 2019 19:04

Tgt Ion:149 Resp: 1449
 Ion Ratio Lower Upper
 149 100
 167 11.3 1.3 1.9#
 43 0.0 6.0 9.0#





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.468 ng

RT: 25.80 min Scan# 3861

Delta R.T. -0.02 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

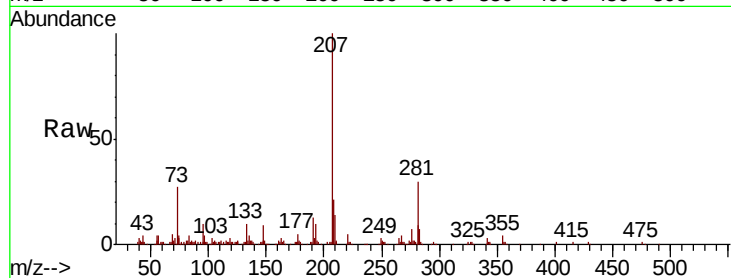
Tgt Ion:276 Resp: 24486

Ion Ratio Lower Upper

276 100

138 28.6 20.2 30.4

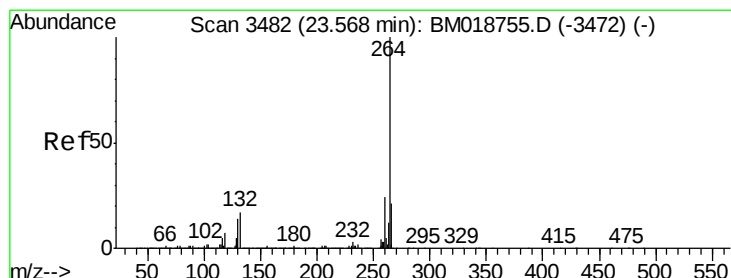
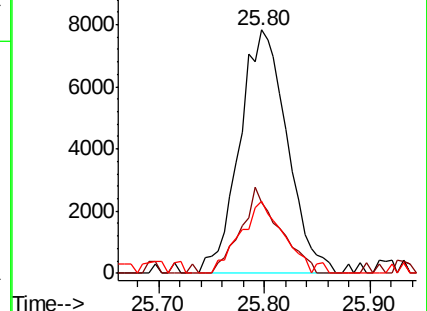
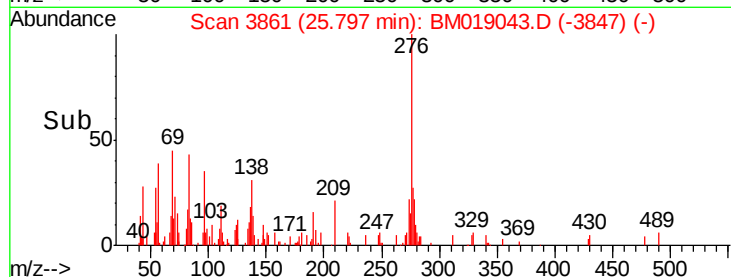
277 26.3 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

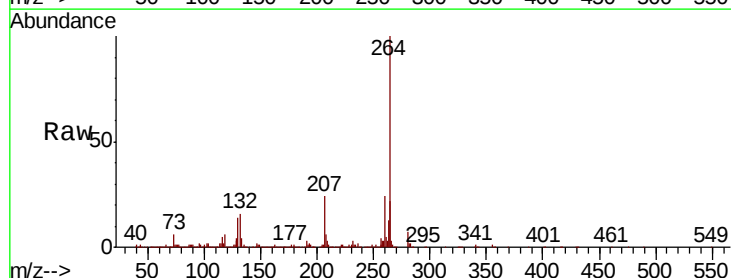
Tgt Ion:264 Resp: 859048

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

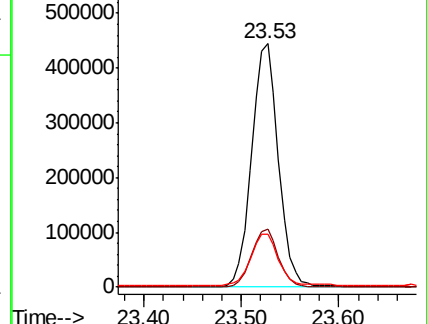
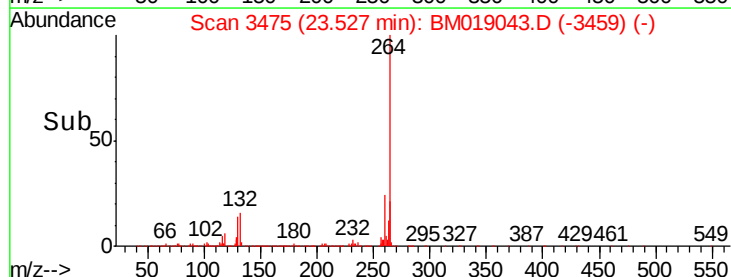
265 21.8 17.3 25.9

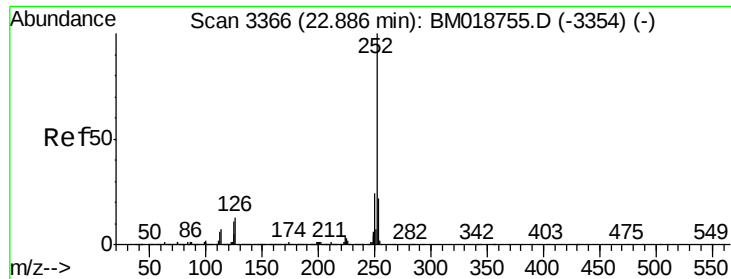


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

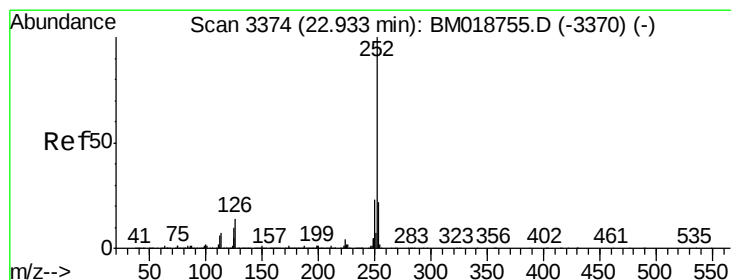
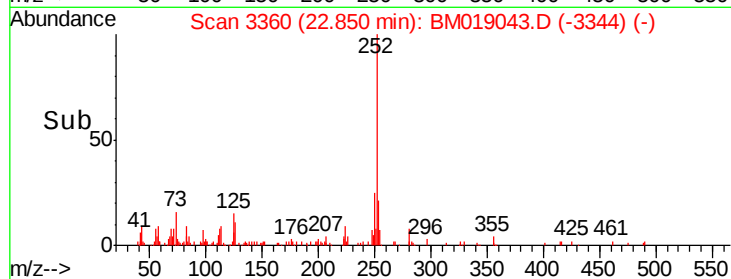
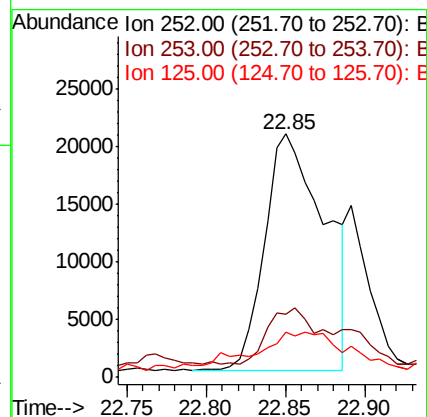
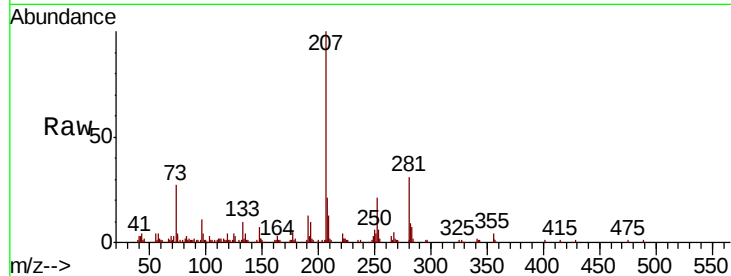




#88
Benzo(b)fluoranthene
Concen: 1.103 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

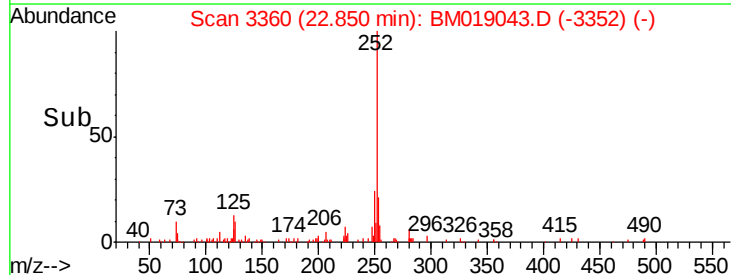
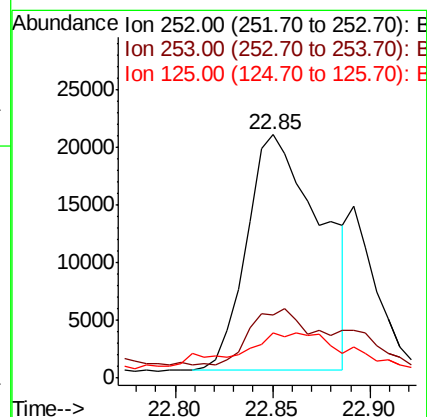
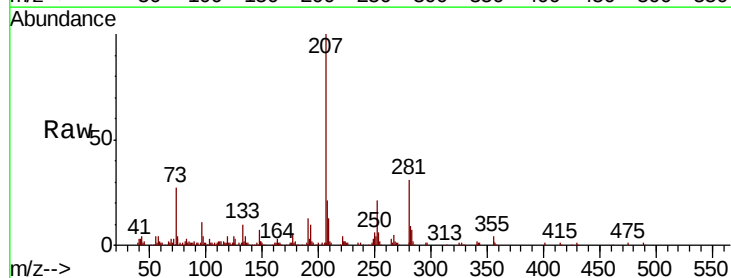
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

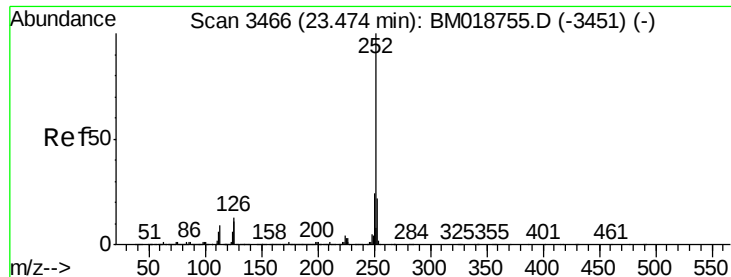
Tgt Ion:252 Resp: 54205
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.6
125 18.3 8.6 12.8#



#89
Benzo(k)fluoranthene
Concen: 1.088 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:252 Resp: 53241
Ion Ratio Lower Upper
252 100
253 26.1 17.7 26.5
125 18.3 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 0.758 ng

RT: 23.43 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

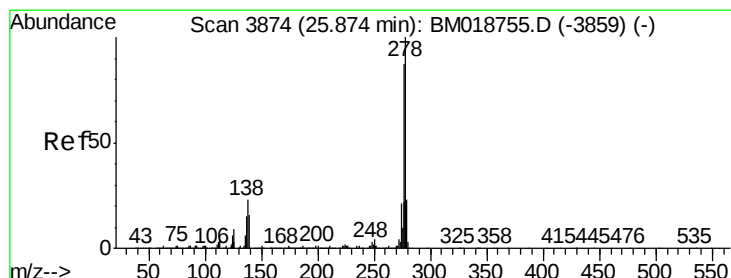
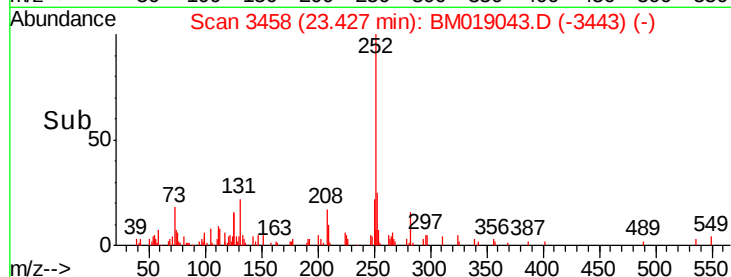
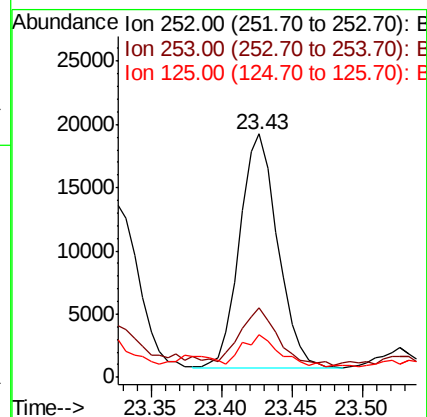
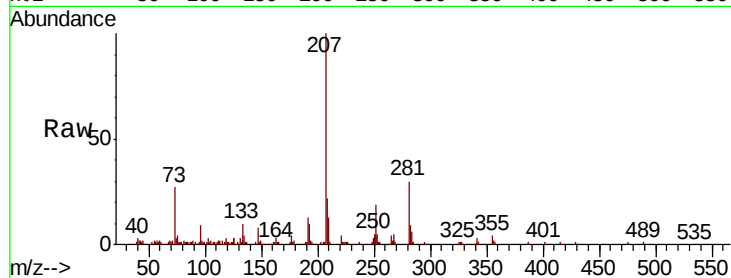
Tgt Ion:252 Resp: 35293

Ion Ratio Lower Upper

252 100

253 28.4 17.4 26.0#

125 17.4 8.6 13.0#



#91

Dibenzo(a,h)anthracene

Concen: 0.182 ng

RT: 25.80 min Scan# 3862

Delta R.T. -0.02 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

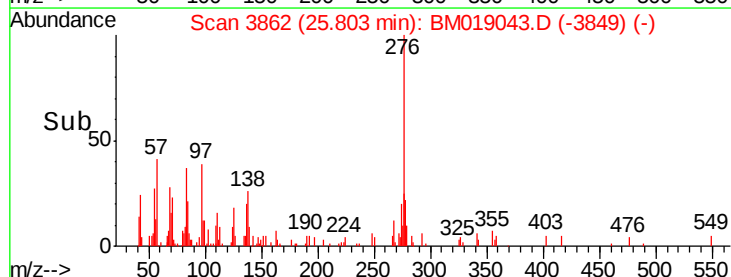
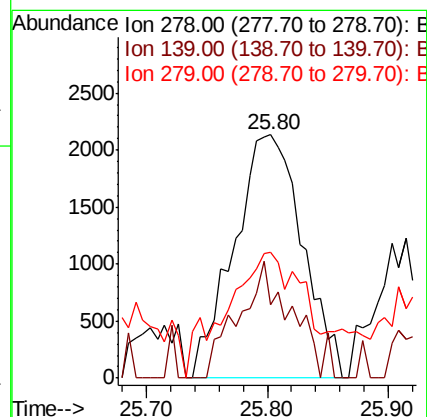
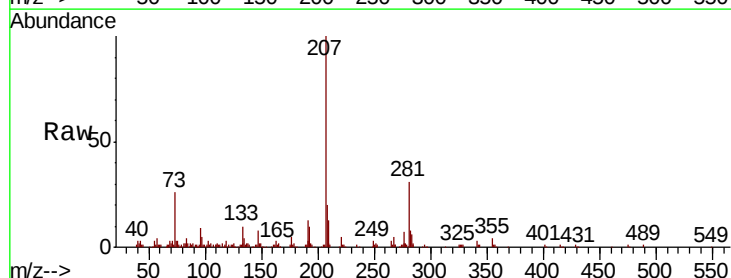
Tgt Ion:278 Resp: 8408

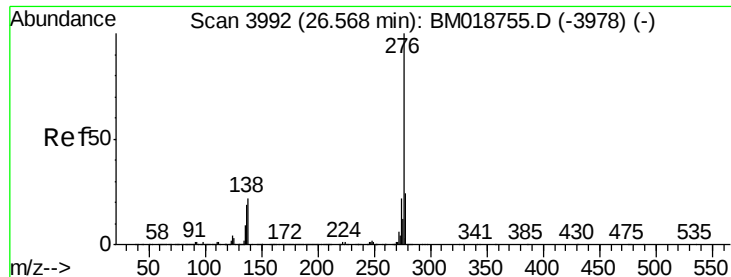
Ion Ratio Lower Upper

278 100

139 30.0 12.6 18.8#

279 51.7 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 0.550 ng

RT: 26.50 min Scan# 3980

Delta R.T. -0.02 min

Lab File: BM019043.D

Acq: 05 Mar 2019 19:04

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW006-022719

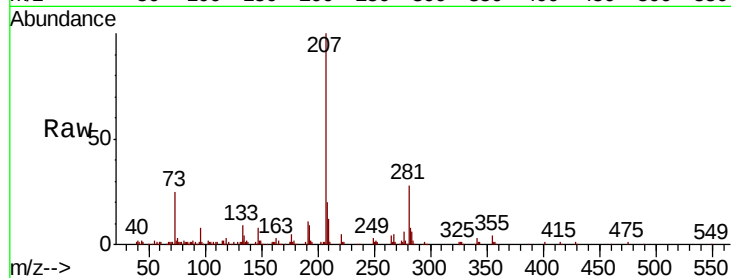
Tgt Ion: 276 Resp: 23609

Ion Ratio Lower Upper

276 100

277 25.8 19.2 28.8

138 19.0 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

