

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
 Data File : BM016304.D
 Acq On : 10 Aug 2018 20:01
 Operator : SJ/JU
 Sample : J4271-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

Quant Time: Aug 11 04:19:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	31923	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	114428	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	56519	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	111507	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	134728	20.00	ng	-0.01
86) Perylene-d12	23.96	264	141045	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	268783	139.86	ng	0.00
7) Phenol-d6	7.30	99	286509	114.16	ng	0.00
23) Nitrobenzene-d5	9.32	82	267937	108.91	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	103291	144.09	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	484731	104.35	ng	0.00
78) Terphenyl-d14	20.08	244	737915	114.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	37588	41.745	ng	# 100
3) Pyridine	3.90	79	65831	30.349	ng	# 73
4) n-Nitrosodimethylamine	3.80	42	89013	52.613	ng	# 31
6) Aniline	7.46	93	33295	11.522	ng	# 88
8) 2-Chlorophenol	7.69	128	98029	42.920	ng	96
9) Benzaldehyde	7.27	77	63317	35.908	ng	91
10) Phenol	7.33	94	88020	35.074	ng	94
11) bis(2-Chloroethyl)ether	7.55	93	83907	42.323	ng	92
12) 1,3-Dichlorobenzene	8.01	146	113509	42.457	ng	# 86
13) 1,4-Dichlorobenzene	8.16	146	115336	42.537	ng	# 94
14) 1,2-Dichlorobenzene	8.48	146	112515	42.409	ng	# 93
15) Benzyl Alcohol	8.39	79	85965	43.017	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.66	45	117587	38.754	ng	93
17) 2-Methylphenol	8.59	107	71097	41.449	ng	# 79
18) Hexachloroethane	9.20	117	54373	46.391	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	75792	41.317	ng	# 70
20) 3+4-Methylphenols	8.92	107	92541	37.498	ng	84
22) Acetophenone	8.97	105	152355	52.877	ng	# 85
24) Nitrobenzene	9.36	77	125332	50.611	ng	93
25) Isophorone	9.87	82	190380	56.573	ng	# 93
26) 2-Nitrophenol	10.07	139	49573	47.954	ng	# 52
27) 2,4-Dimethylphenol	10.12	122	79446	55.162	ng	# 80
28) bis(2-Chloroethoxy)methane	10.35	93	106623	48.748	ng	98
29) 2,4-Dichlorophenol	10.60	162	83282	48.663	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	97770	47.018	ng	97
31) Naphthalene	10.99	128	295752	51.068	ng	99
32) Benzoic acid	10.30	122	39605	36.074	ng	# 83
33) 4-Chloroaniline	11.13	127	15935	6.743	ng	# 81
34) Hexachlorobutadiene	11.25	225	74359	51.553	ng	93
35) Caprolactam	11.94	113	14662	30.932	ng	# 86
36) 4-Chloro-3-methylphenol	12.25	107	86491	45.948	ng	# 84
37) 2-Methylnaphthalene	12.59	142	208595	53.769	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	103175	53.620	ng	# 100
40) Hexachlorocyclopentadiene	12.92	237	43952	49.745	ng	95

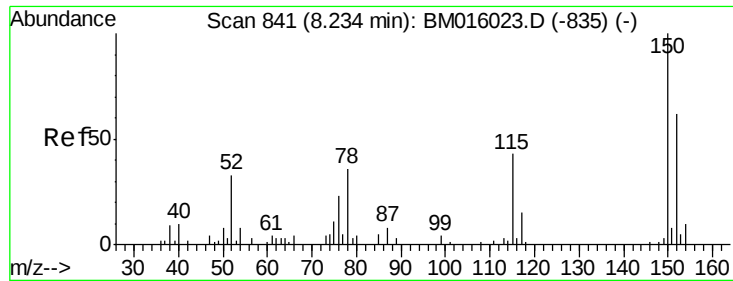
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	61508	51.092	ng	99
43) 2,4,5-Trichlorophenol	13.29	196	61463	49.496	ng #	80
45) 1,1'-Biphenyl	13.60	154	252486	49.500	ng	99
46) 2-Chloronaphthalene	13.65	162	190690	48.067	ng #	89
47) 2-Nitroaniline	13.87	65	65074	49.614	ng #	78
48) Acenaphthylene	14.49	152	305652	52.629	ng	98
49) Dimethylphthalate	14.22	163	245903	49.715	ng	99
50) 2,6-Dinitrotoluene	14.36	165	49024	49.260	ng #	50
51) Acenaphthene	14.83	154	174090	48.739	ng	96
52) 3-Nitroaniline	14.70	138	19170	17.834	ng #	69
53) 2,4-Dinitrophenol	14.93	184	20184	49.738	ng #	57
54) Dibenzofuran	15.16	168	284157	48.276	ng #	77
55) 4-Nitrophenol	15.02	139	52919	68.673	ng	94
56) 2,4-Dinitrotoluene	15.16	165	68905	48.422	ng #	66
57) Fluorene	15.81	166	223183	51.026	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	50760	47.557	ng #	100
59) Diethylphthalate	15.57	149	263293	49.386	ng	94
60) 4-Chlorophenyl-phenylether	15.79	204	115102	47.272	ng #	80
61) 4-Nitroaniline	15.86	138	40015	38.799	ng #	1
62) Azobenzene	16.09	77	290934	51.816	ng #	72
64) 4,6-Dinitro-2-methylphenol	15.92	198	19347	28.585	ng #	81
65) n-Nitrosodiphenylamine	16.02	169	186746	50.860	ng	96
66) 4-Bromophenyl-phenylether	16.69	248	64480	51.067	ng #	70
67) Hexachlorobenzene	16.80	284	64648	46.494	ng #	54
68) Atrazine	16.96	200	68616	52.141	ng	93
69) Pentachlorophenol	17.16	266	62433	72.511	ng	96
70) Phenanthrene	17.54	178	318984	51.096	ng	98
71) Anthracene	17.63	178	335549	55.304	ng	98
72) Carbazole	17.91	167	297813	47.380	ng	96
73) Di-n-butylphthalate	18.43	149	418250	53.399	ng #	96
74) Fluoranthene	19.53	202	379025	54.429	ng	98
76) Benzidine	19.72	184	60368	16.034	ng	96
77) Pyrene	19.90	202	392929	48.667	ng	98
79) Butylbenzylphthalate	20.76	149	208754	50.896	ng #	82
80) Benzo(a)anthracene	21.61	228	438015	52.786	ng	98
81) 3,3'-Dichlorobenzidine	21.54	252	88479	26.472	ng	97
82) Chrysene	21.67	228	408674	51.341	ng	99
83) Bis(2-ethylhexyl)phthalate	21.50	149	296093	49.812	ng	91
84) Di-n-octyl phthalate	22.40	149	534872	53.539	ng #	89
85) Indeno(1,2,3-cd)pyrene	26.35	276	551644	58.401	ng #	97
87) Benzo(b)fluoranthene	23.26	252	456547	54.976	ng #	96
88) Benzo(k)fluoranthene	23.30	252	441169	52.420	ng #	98
89) Benzo(a)pyrene	23.86	252	438116	54.879	ng	98
90) Dibenzo(a,h)anthracene	26.35	278	464506	56.159	ng #	94
91) Benzo(g,h,i)perylene	27.09	276	428502	54.775	ng #	91

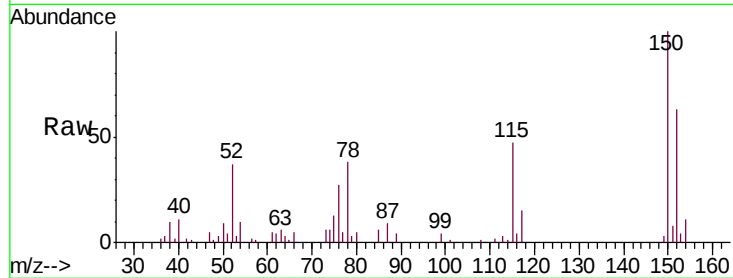
(#) = qualifier out of range (m) = manual integration (+) = signals summed



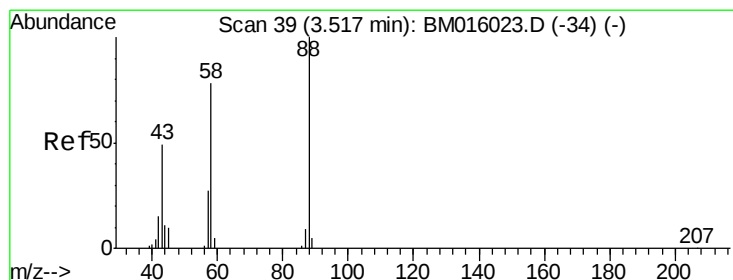
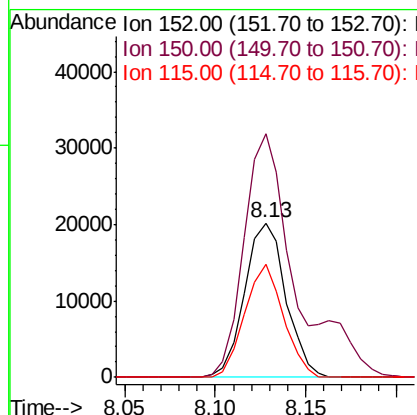
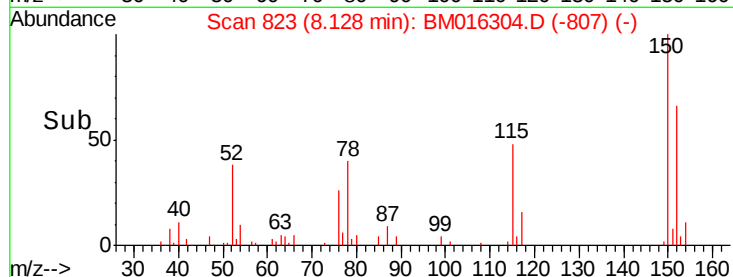
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

Tgt Ion:152 Resp: 31923
 Ion Ratio Lower Upper
 152 100
 150 157.7 119.5 179.3
 115 73.6 43.0 64.4#

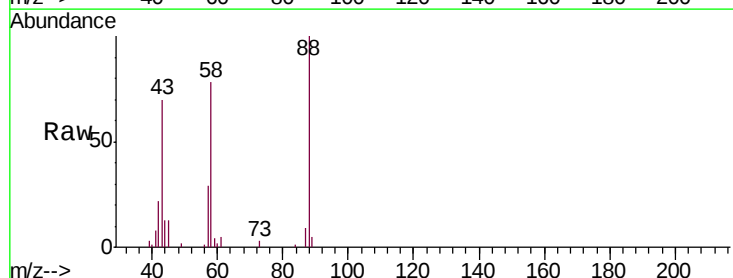


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

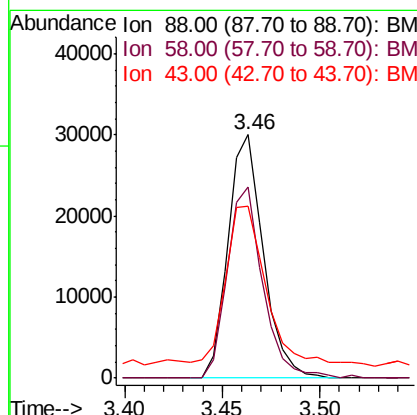
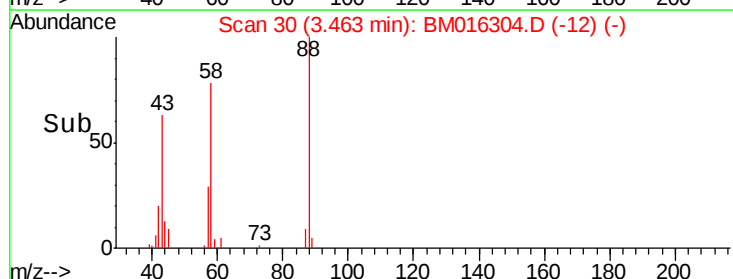


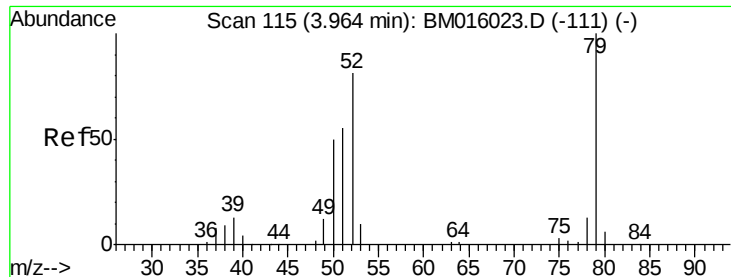
#2
 1,4-Dioxane
 Concen: 41.745 ng
 RT: 3.46 min Scan# 30
 Delta R.T. 0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion: 88 Resp: 37588
 Ion Ratio Lower Upper
 88 100
 58 79.2 0.0 0.0#
 43 75.8 0.0 0.0#



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: 30.349 ng

RT: 3.90 min Scan# 104

Delta R.T. 0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

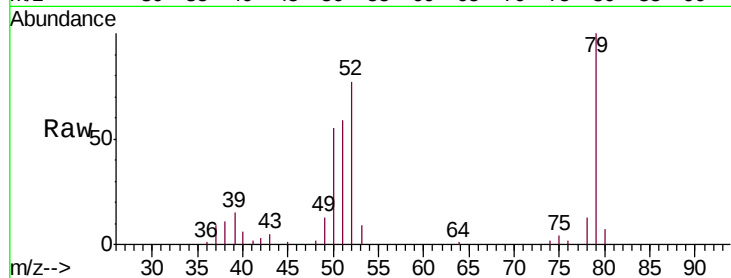
Tgt Ion: 79 Resp: 65831

Ion Ratio Lower Upper

79 100

52 76.7 51.1 76.7

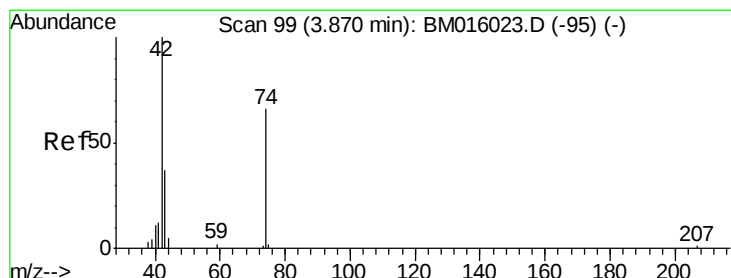
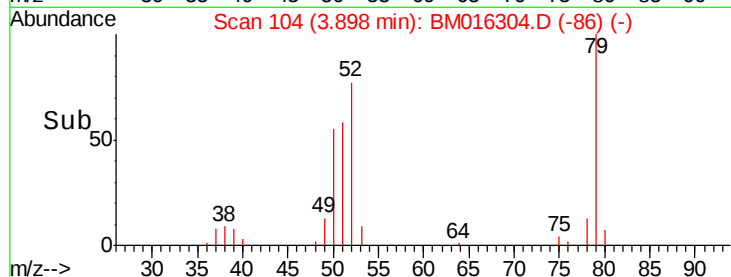
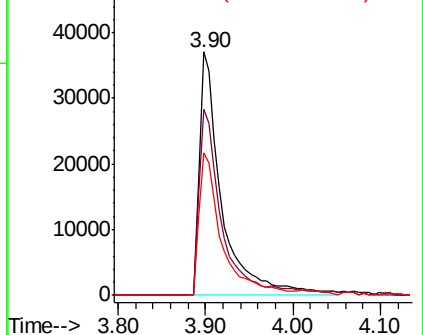
51 58.7 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016304.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016304.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016304.D (-111) (-)



#4

n-Nitrosodimethylamine

Concen: 52.613 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

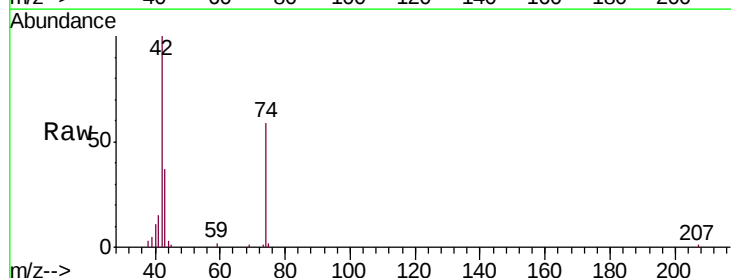
Tgt Ion: 42 Resp: 89013

Ion Ratio Lower Upper

42 100

74 58.6 119.3 178.9#

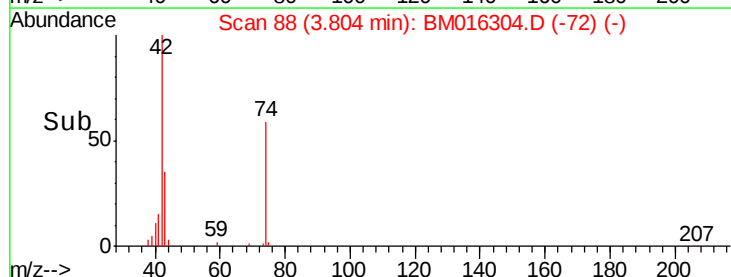
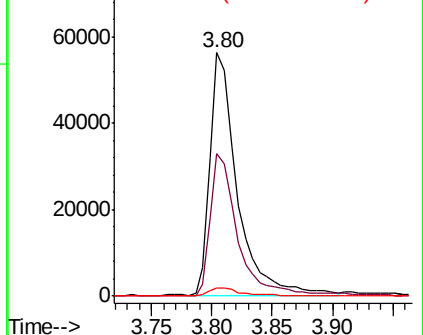
44 3.4 5.4 8.2#

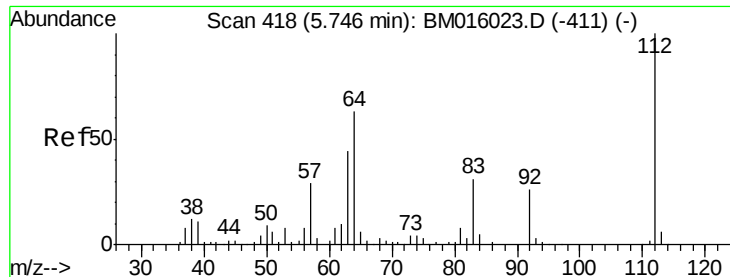


Abundance Ion 42.00 (41.70 to 42.70): BM016304.D (-95) (-)

Ion 74.00 (73.70 to 74.70): BM016304.D (-95) (-)

Ion 44.00 (43.70 to 44.70): BM016304.D (-95) (-)





#5

2-Fluorophenol

Concen: 52.613 ng

RT: 5.66 min Scan# 404

Delta R.T. 0.00 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

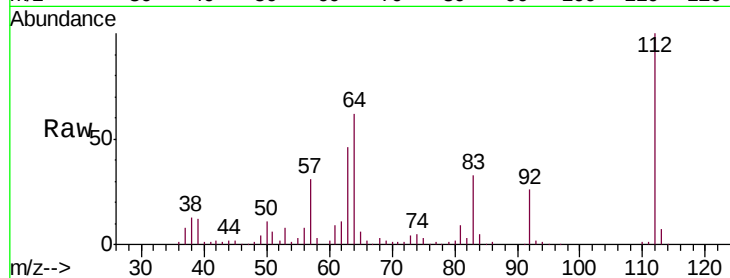
Tgt Ion: 112 Resp: 268783

Ion Ratio Lower Upper

112 100

64 61.8 38.6 57.8#

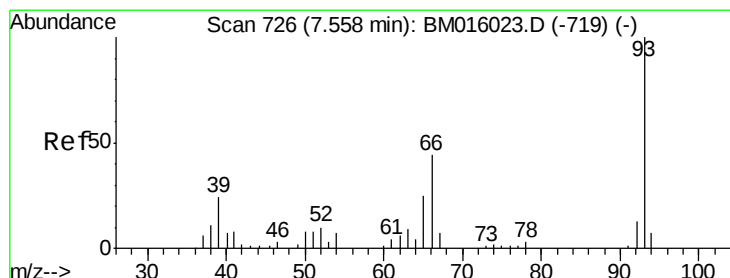
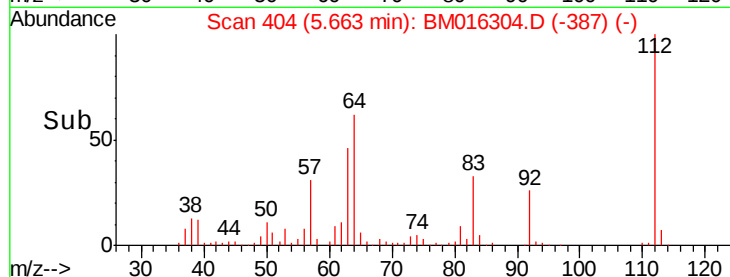
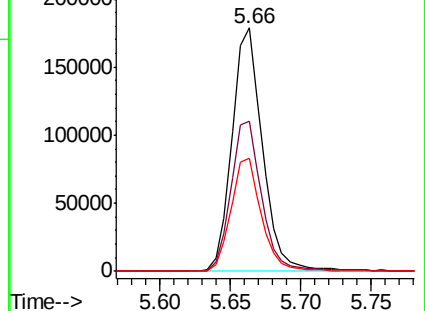
63 46.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 11.522 ng

RT: 7.46 min Scan# 710

Delta R.T. 0.00 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

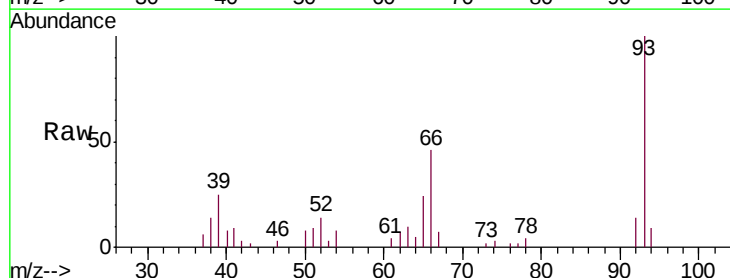
Tgt Ion: 93 Resp: 33295

Ion Ratio Lower Upper

93 100

66 46.4 30.8 46.2#

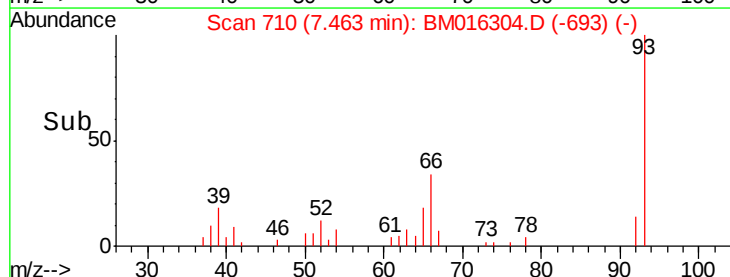
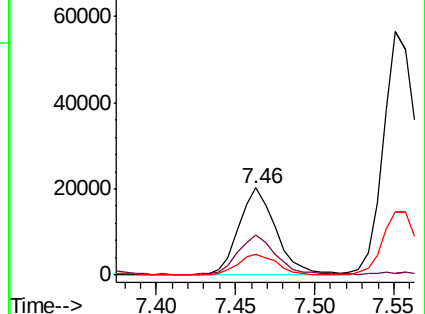
65 24.1 16.0 24.0#

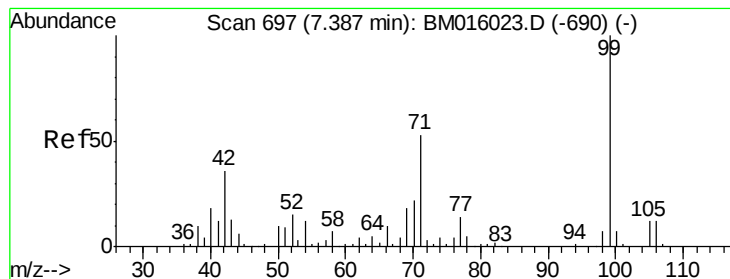


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 11.522 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

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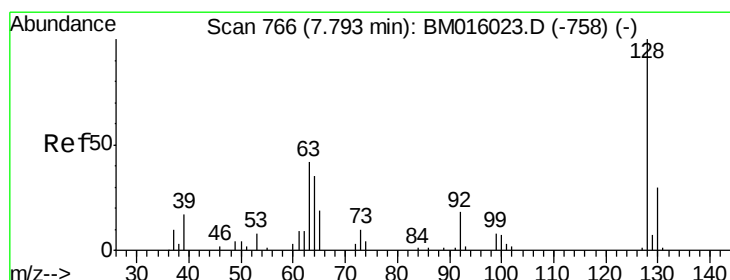
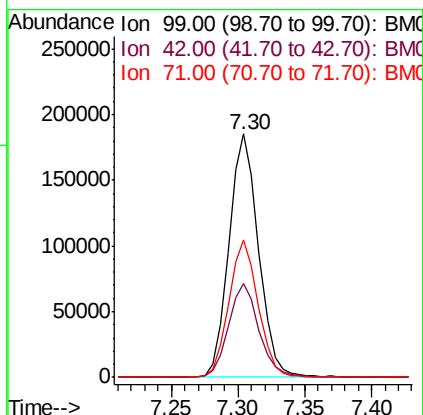
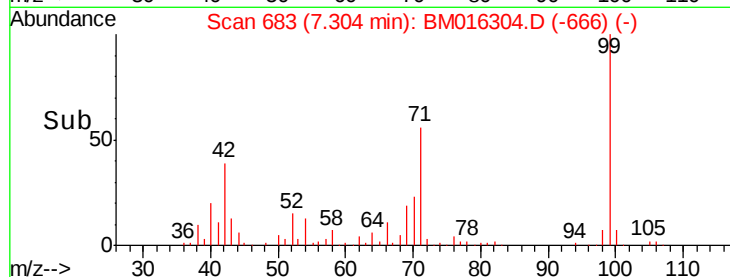
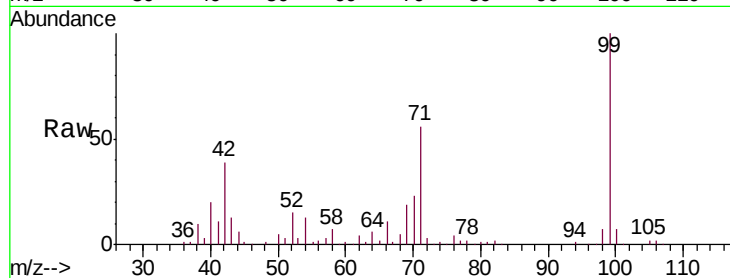
Tgt Ion: 99 Resp: 286509

Ion Ratio Lower Upper

99 100

42 38.6 11.0 16.4#

71 56.2 23.4 35.2#



#8

2-Chlorophenol

Concen: 42.920 ng

RT: 7.69 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

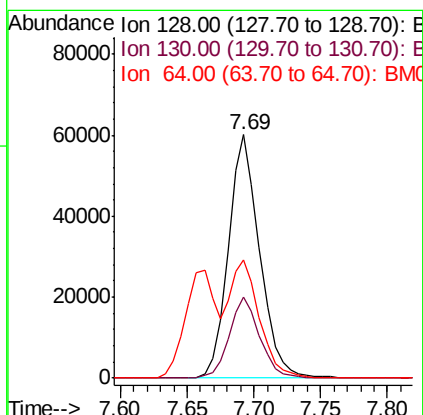
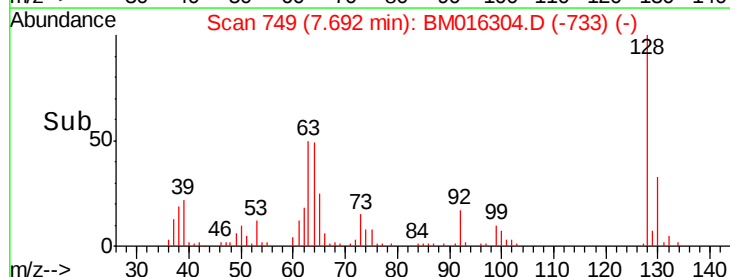
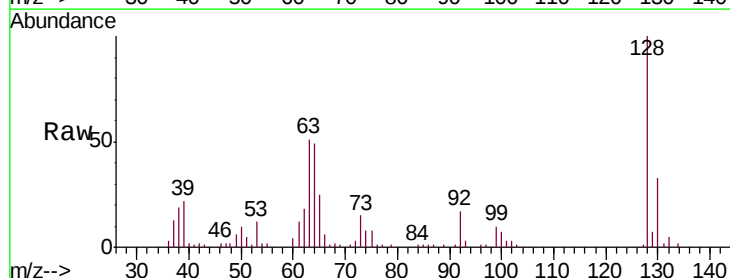
Tgt Ion: 128 Resp: 98029

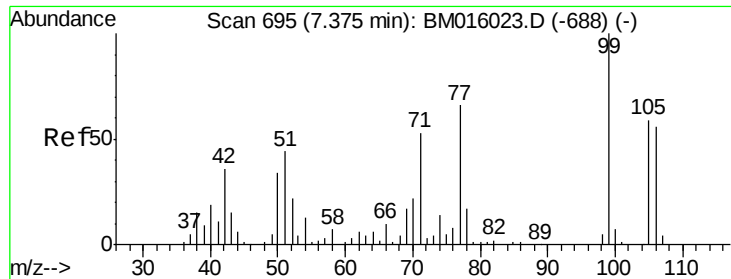
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 48.7 24.9 64.9





#9

Benzaldehyde

Concen: 35.908 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

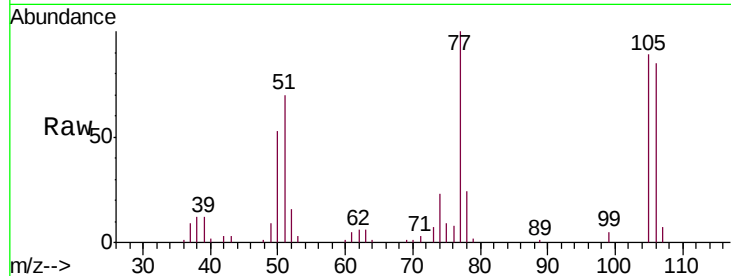
Tgt Ion: 77 Resp: 63317

Ion Ratio Lower Upper

77 100

105 88.8 78.8 118.8

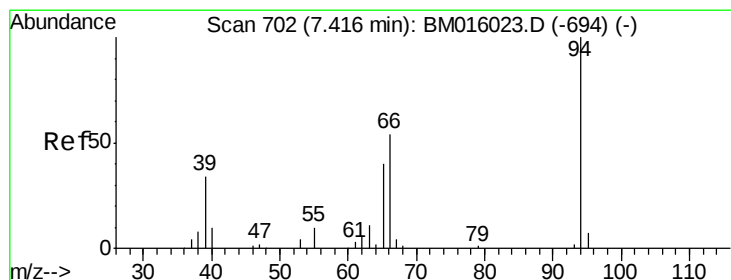
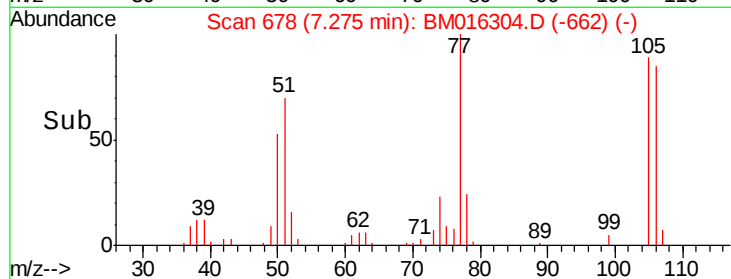
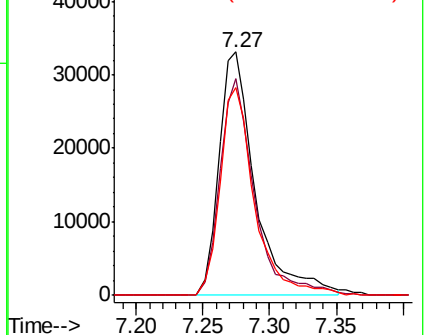
106 85.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016304.D (-688) (-)

Ion 105.00 (104.70 to 105.70): BM016304.D (-688) (-)

Ion 106.00 (105.70 to 106.70): BM016304.D (-688) (-)



#10

Phenol

Concen: 35.074 ng

RT: 7.33 min Scan# 688

Delta R.T. 0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

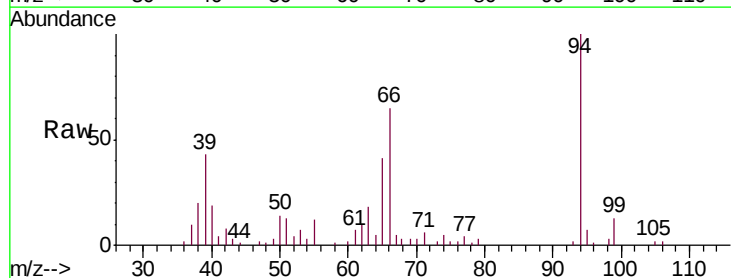
Tgt Ion: 94 Resp: 88020

Ion Ratio Lower Upper

94 100

65 41.3 18.8 58.8

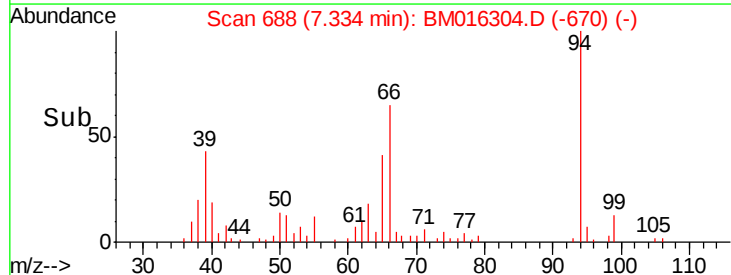
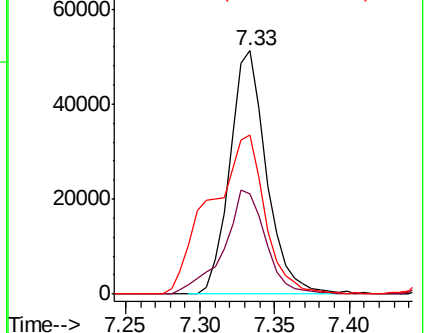
66 65.2 39.9 79.9

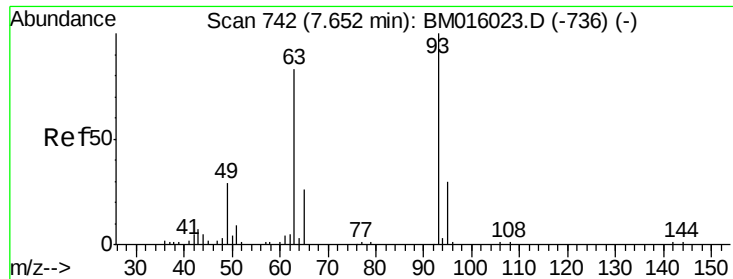


Abundance Ion 94.00 (93.70 to 94.70): BM016304.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM016304.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM016304.D (-670) (-)

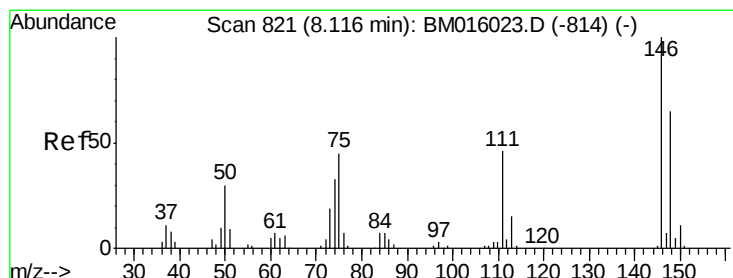
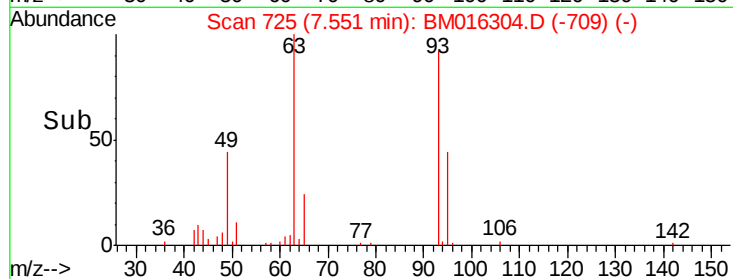
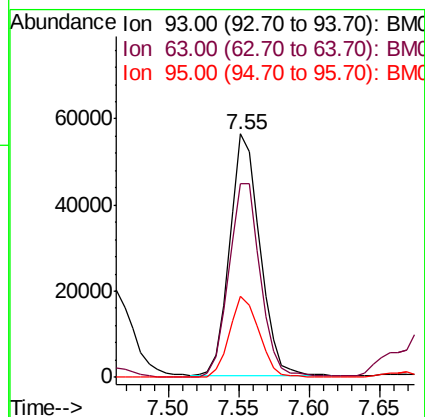
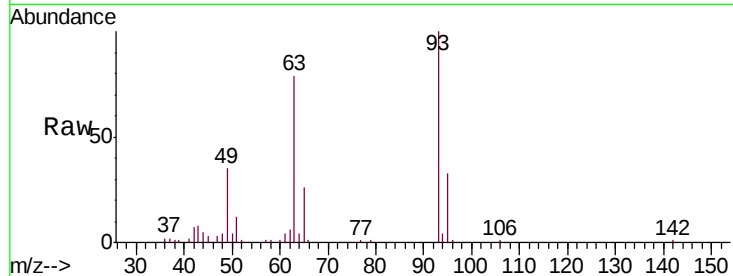




#11
 bis(2-Chloroethyl)ether
 Concen: 42.323 ng
 RT: 7.55 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

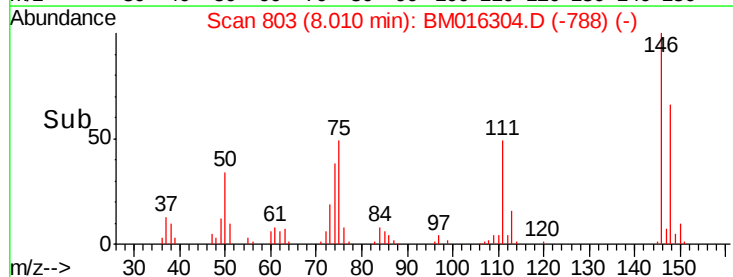
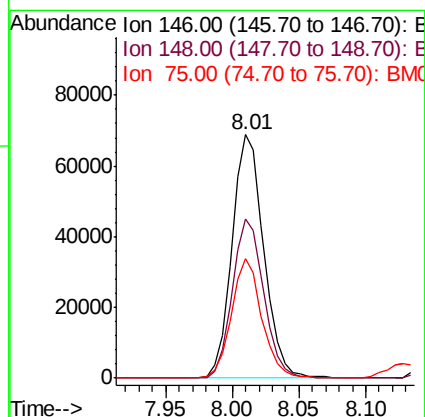
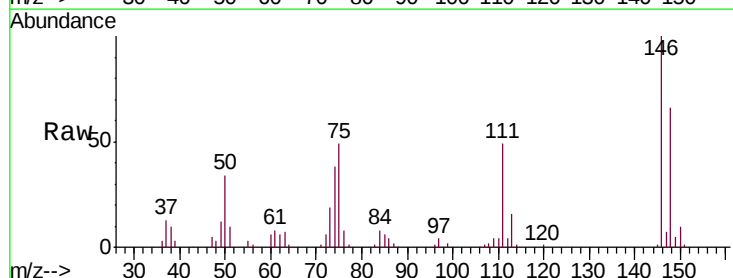
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

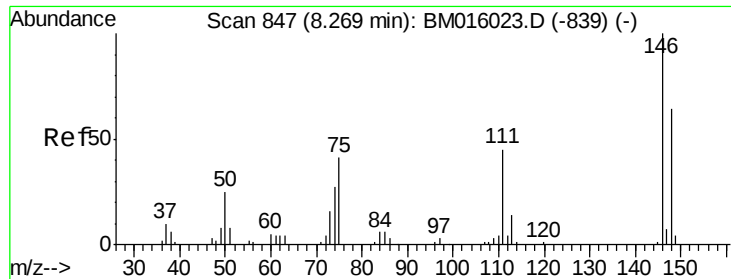
Tgt Ion:	93	Resp:	83907
Ion	Ratio	Lower	Upper
93	100		
63	79.4	49.5	89.5
95	33.5	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 42.457 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion:	146	Resp:	113509
Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.9	76.3
75	48.9	21.4	32.2

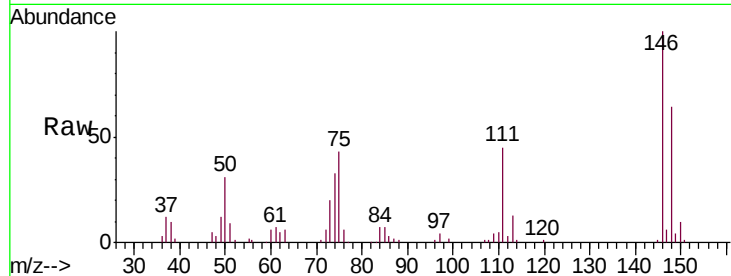




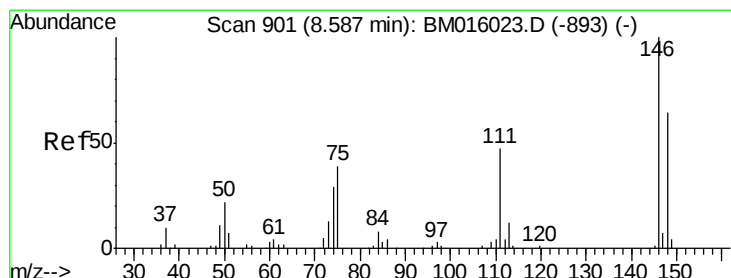
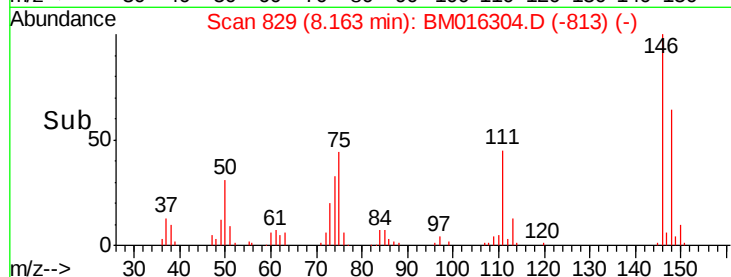
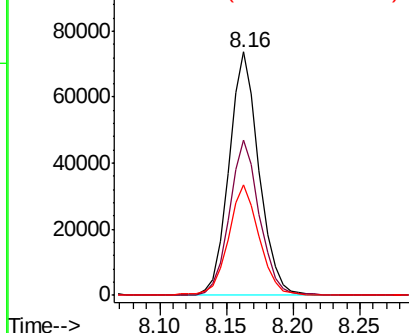
#13
 1,4-Dichlorobenzene
 Concen: 42.537 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

Tgt Ion:146 Resp: 115336
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 45.1 29.2 43.8#

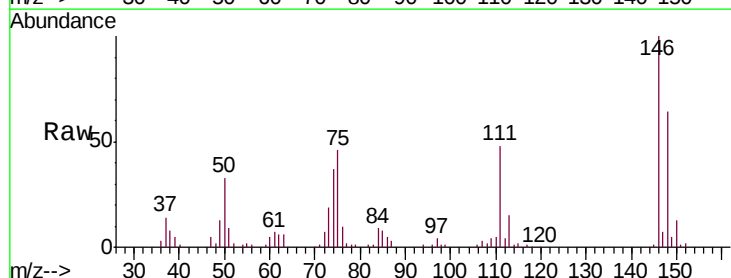


Abundance Ion 146.00 (145.70 to 146.70): E
 100000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

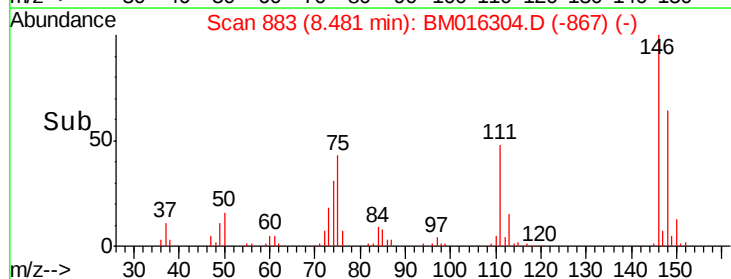
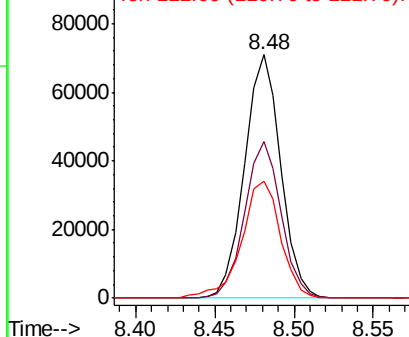


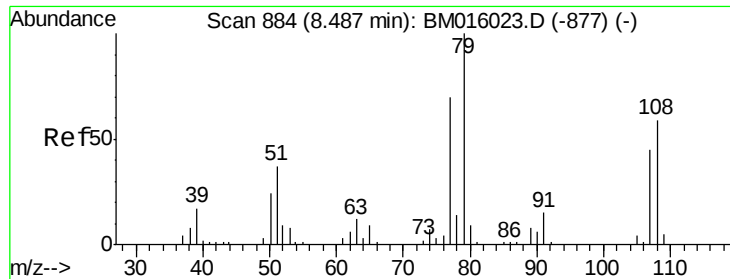
#14
 1,2-Dichlorobenzene
 Concen: 42.409 ng
 RT: 8.48 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion:146 Resp: 112515
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 48.0 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E
 80000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

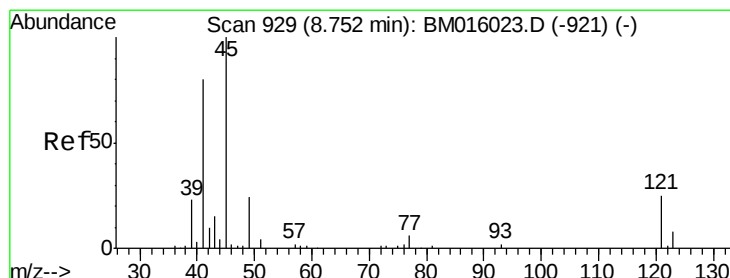
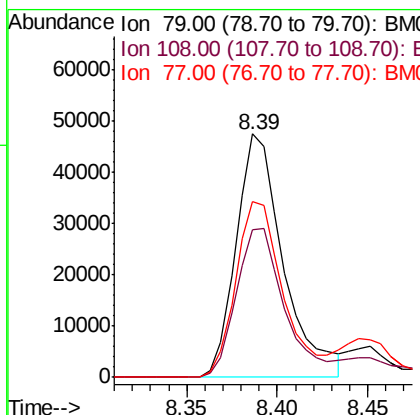
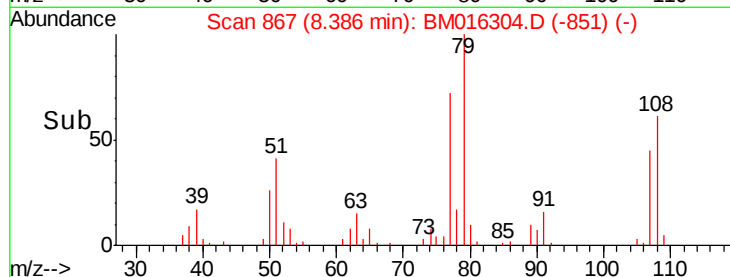
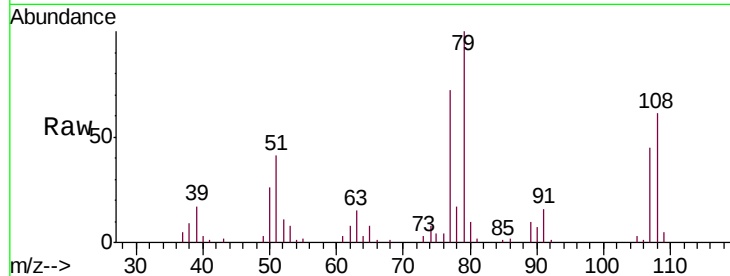




#15
Benzyl Alcohol
Concen: 43.017 ng
RT: 8.39 min Scan# 867
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

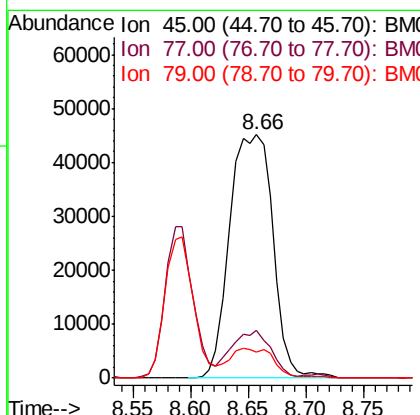
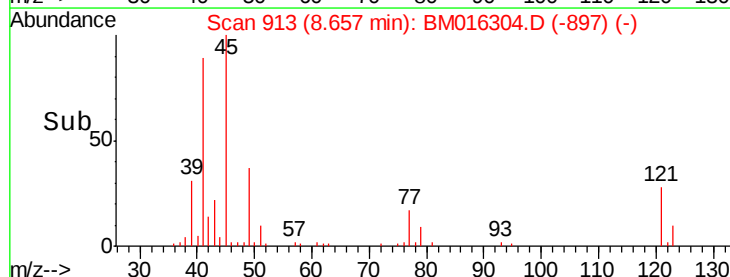
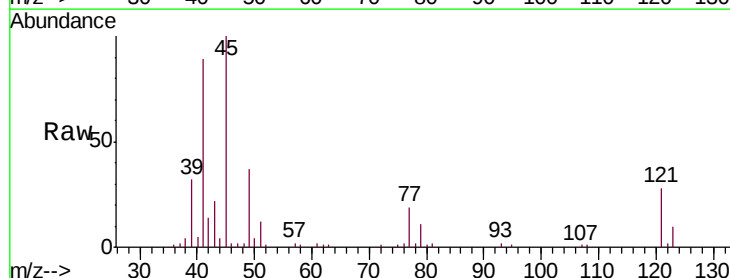
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

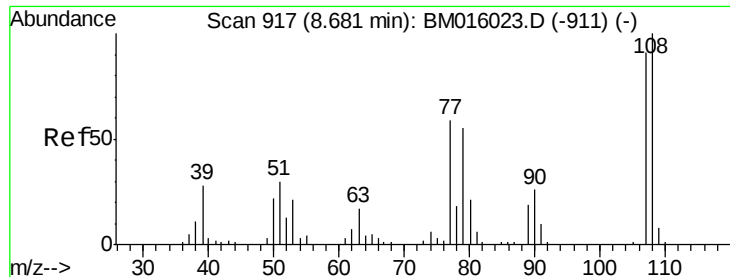
Tgt Ion: 79 Resp: 85965
Ion Ratio Lower Upper
79 100
108 60.9 65.0 97.4#
77 72.4 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.754 ng
RT: 8.66 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion: 45 Resp: 117587
Ion Ratio Lower Upper
45 100
77 19.4 0.0 35.2
79 10.9 0.0 32.0

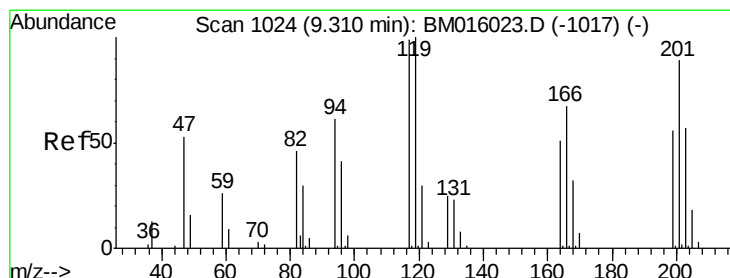
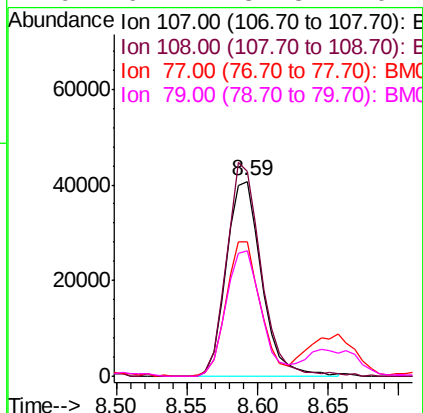
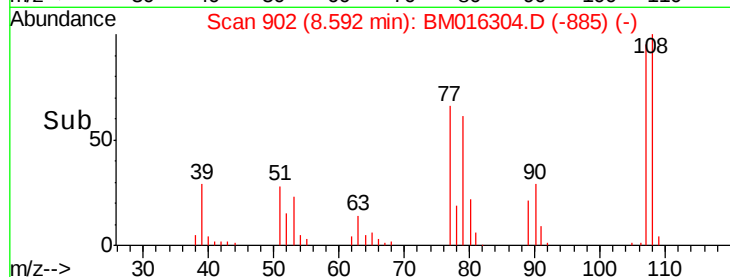
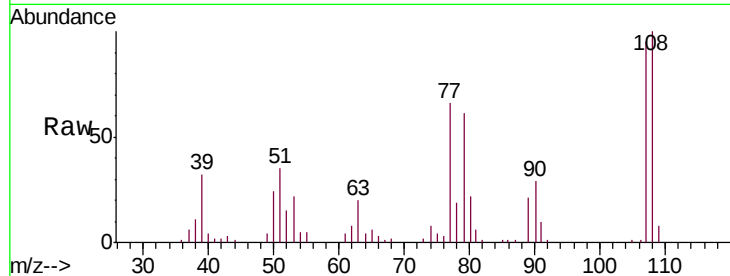




#17
2-Methylphenol
Concen: 41.449 ng
RT: 8.59 min Scan# 902
Delta R.T. 0.00 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

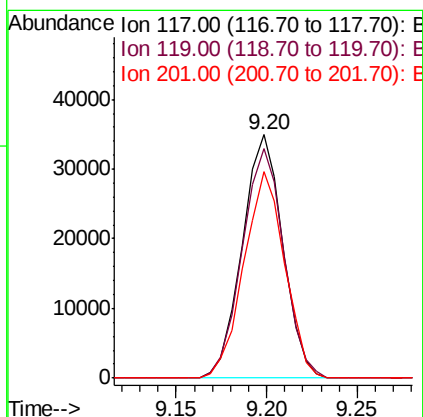
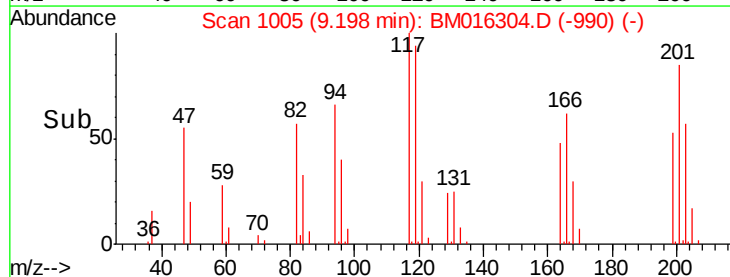
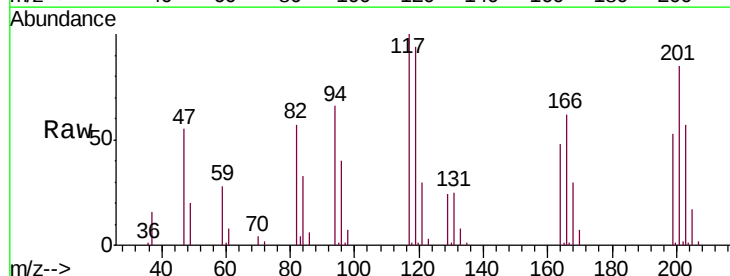
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

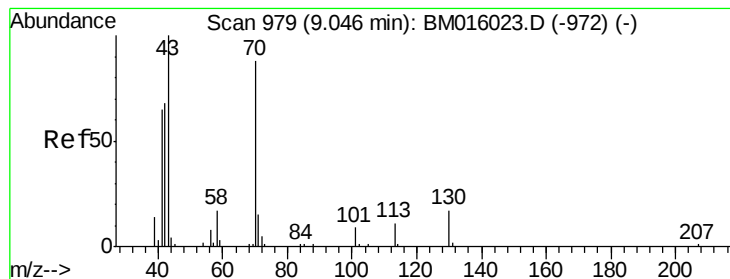
Tgt Ion:107 Resp: 71097
Ion Ratio Lower Upper
107 100
108 104.8 89.8 134.8
77 69.1 32.6 48.8#
79 64.2 32.8 49.2#



#18
Hexachloroethane
Concen: 46.391 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion:117 Resp: 54373
Ion Ratio Lower Upper
117 100
119 94.0 79.2 118.8
201 85.0 69.8 104.6





#19

n-Nitroso-di-n-propylamine

Concen: 41.317 ng

RT: 8.95 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

Tgt Ion: 70 Resp: 75792

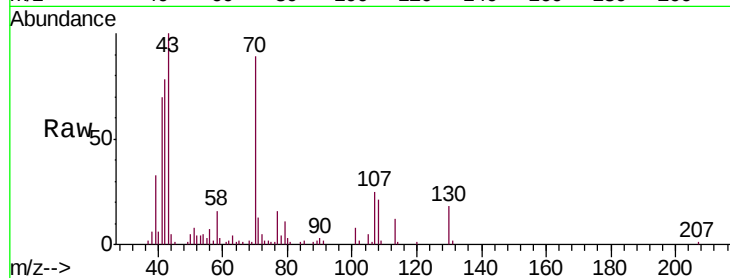
Ion Ratio Lower Upper

70 100

42 87.4 44.5 66.7#

101 9.0 7.4 11.2

130 20.5 15.3 22.9

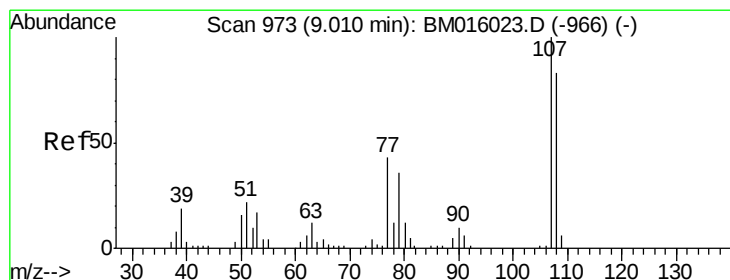
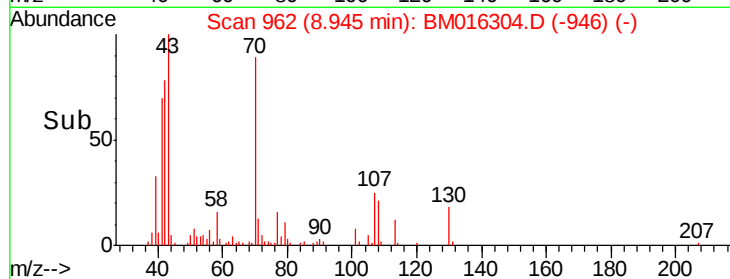
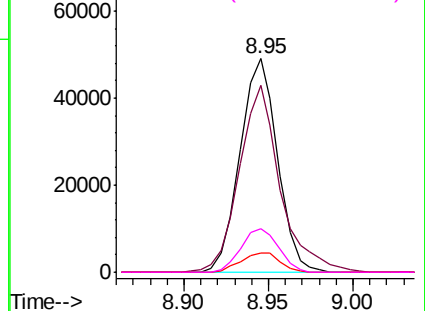


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 37.498 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Tgt Ion: 107 Resp: 92541

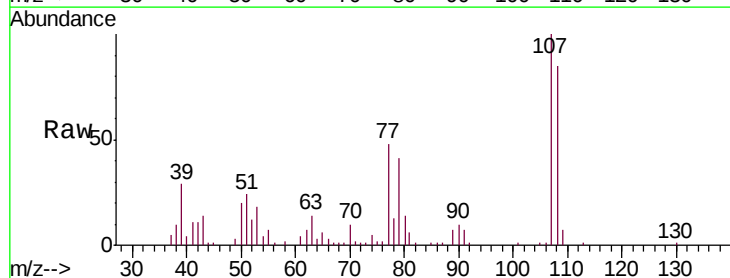
Ion Ratio Lower Upper

107 100

108 84.5 73.2 113.2

77 48.4 10.7 50.7

79 41.0 9.6 49.6

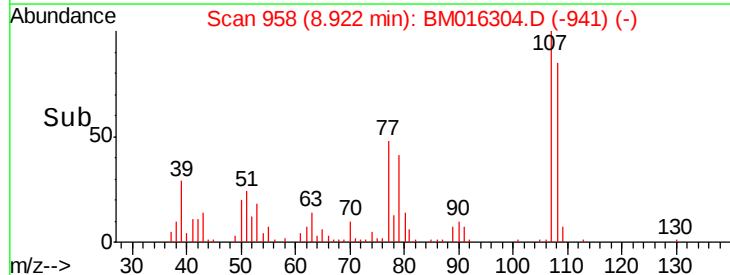
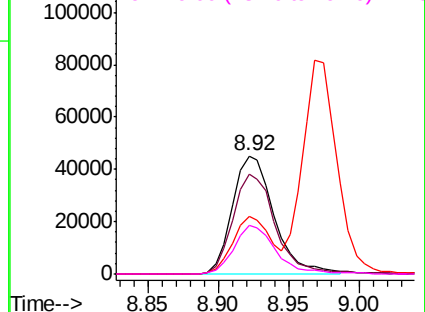


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

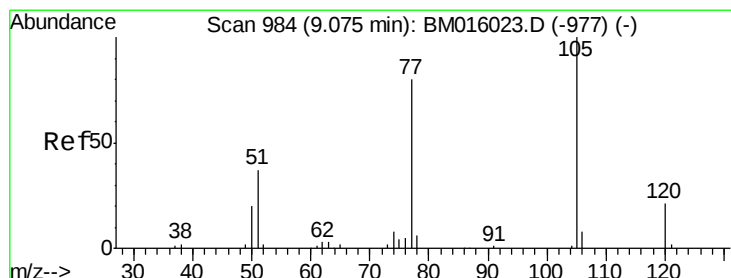
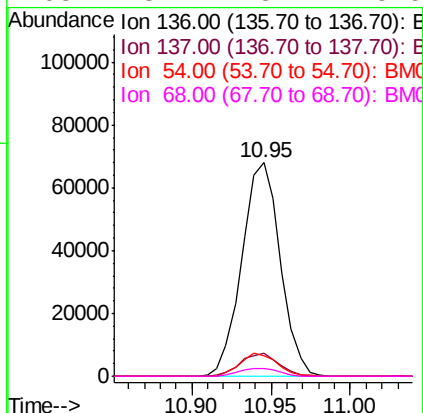
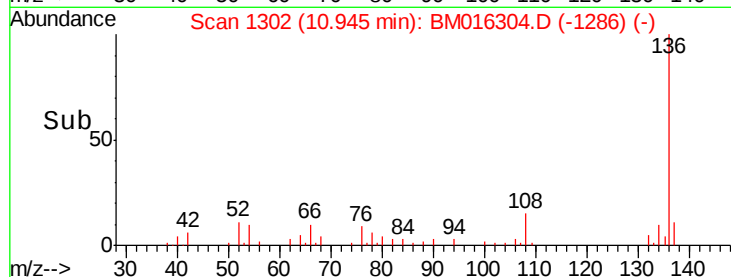
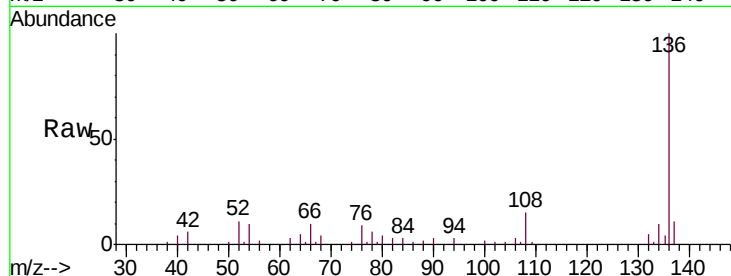




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

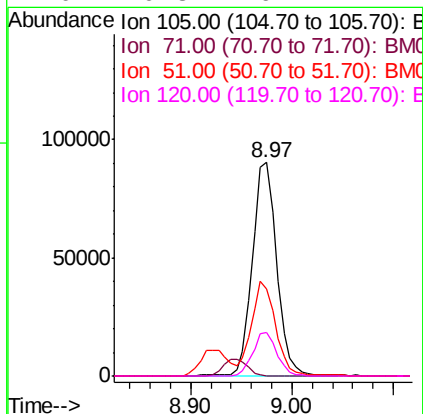
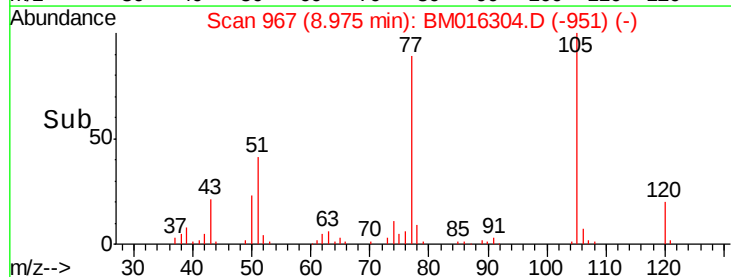
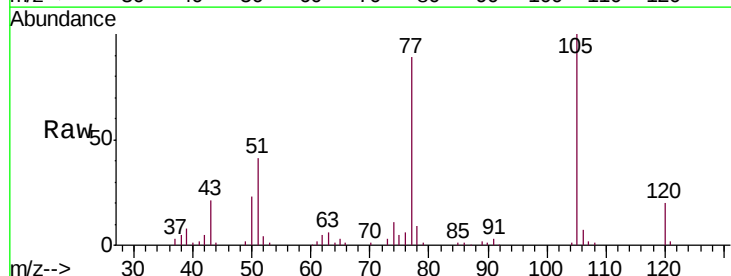
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

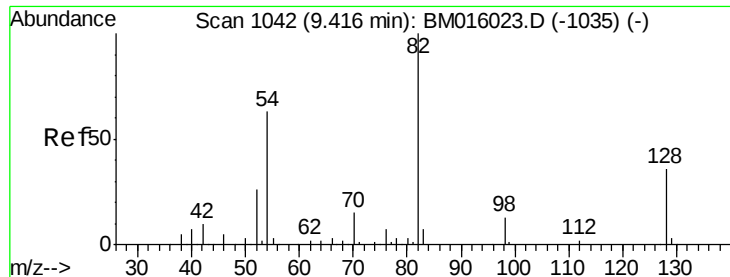
Tgt Ion:	136	Resp:	114428
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.6	4.6	6.8#
68	3.7	3.7	5.5



#22
Acetophenone
Concen: 52.877 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion:	105	Resp:	152355
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	40.8	21.6	32.4#
120	20.3	16.1	24.1

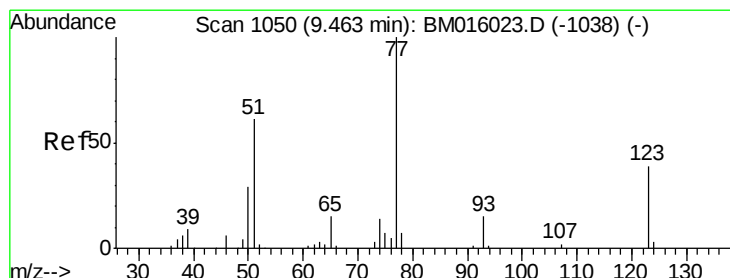
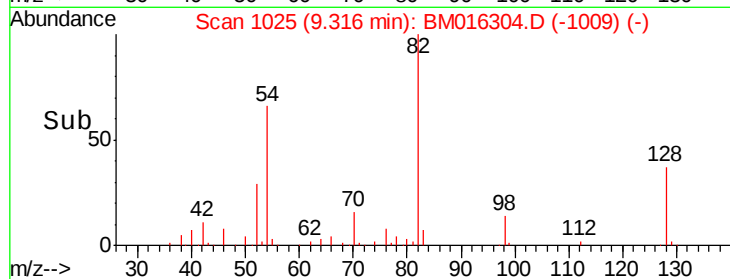
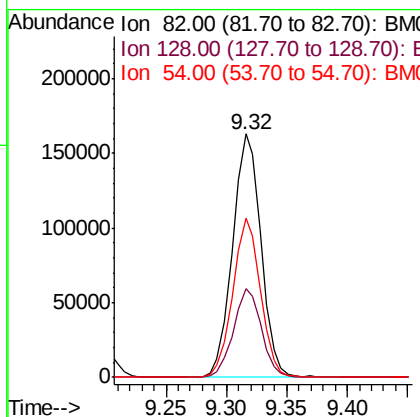
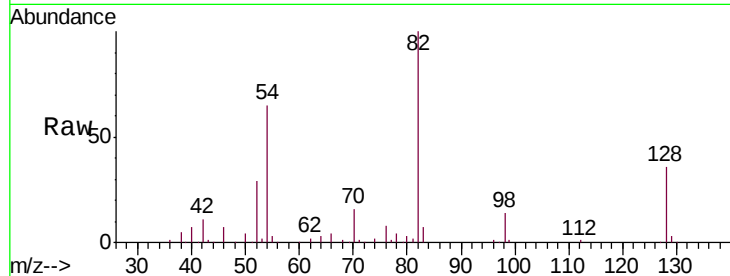




#23
 Nitrobenzene-d5
 Concen: 52.877 ng
 RT: 9.32 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

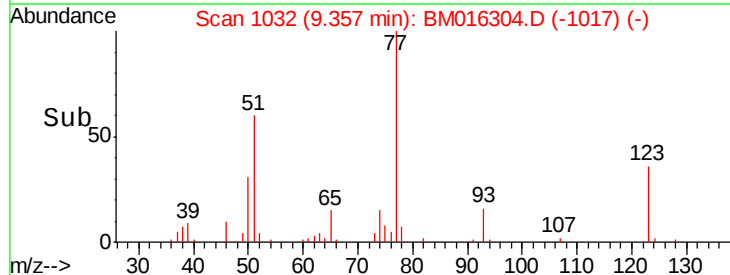
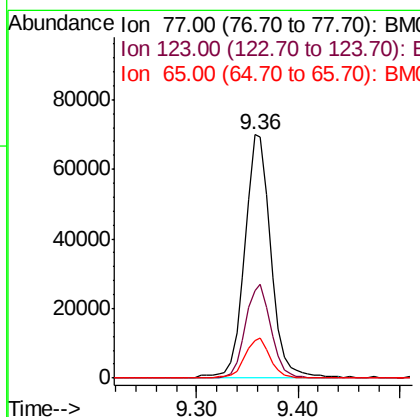
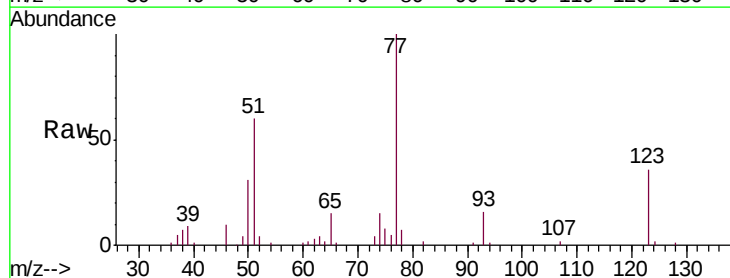
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

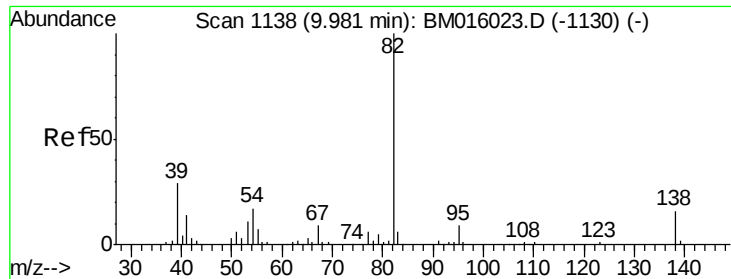
Tgt Ion: 82 Resp: 267937
 Ion Ratio Lower Upper
 82 100
 128 36.5 32.8 49.2
 54 65.3 40.6 60.8#



#24
 Nitrobenzene
 Concen: 50.611 ng
 RT: 9.36 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion: 77 Resp: 125332
 Ion Ratio Lower Upper
 77 100
 123 35.9 32.6 49.0
 65 15.2 10.9 16.3

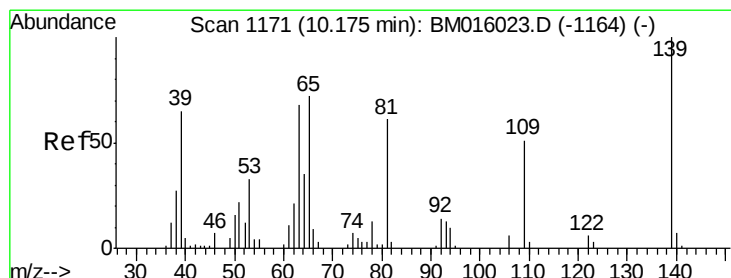
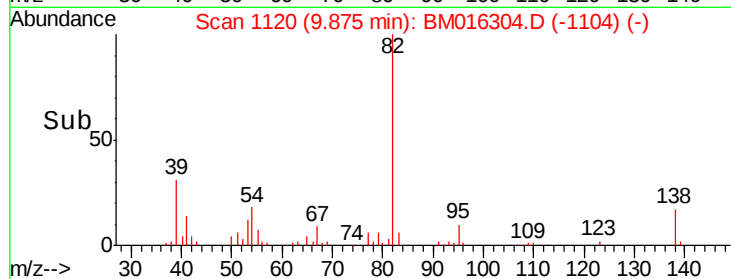
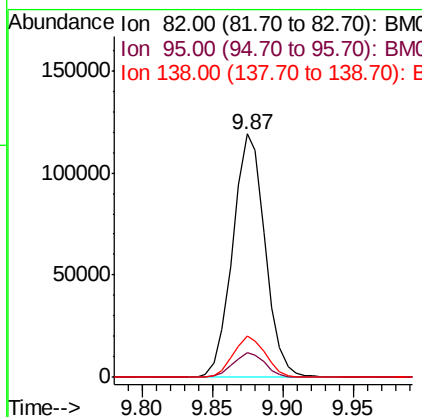
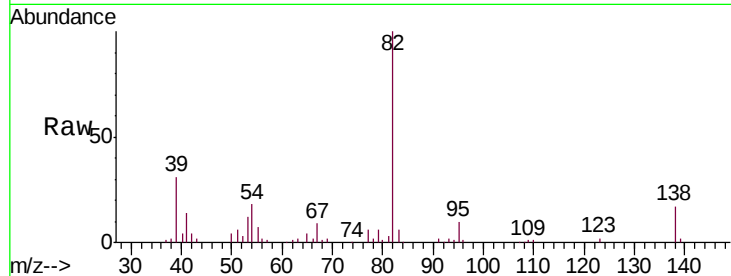




#25
Isophorone
Concen: 56.573 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

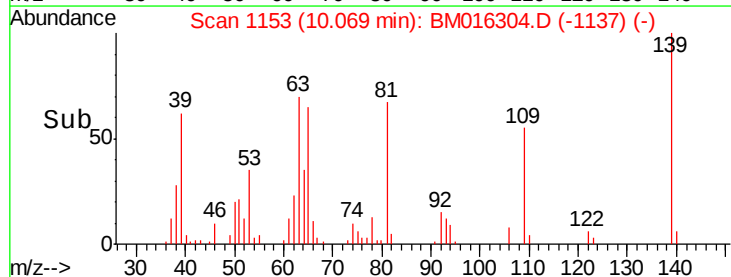
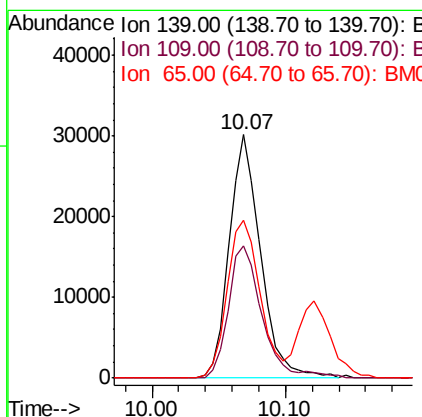
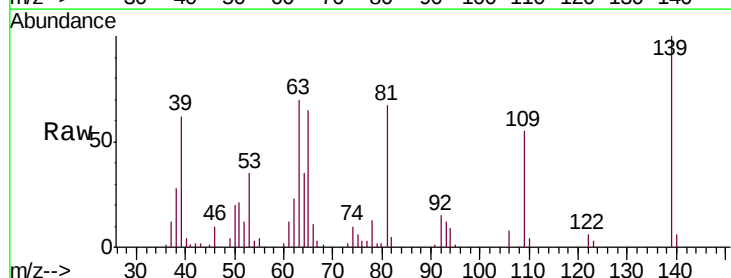
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

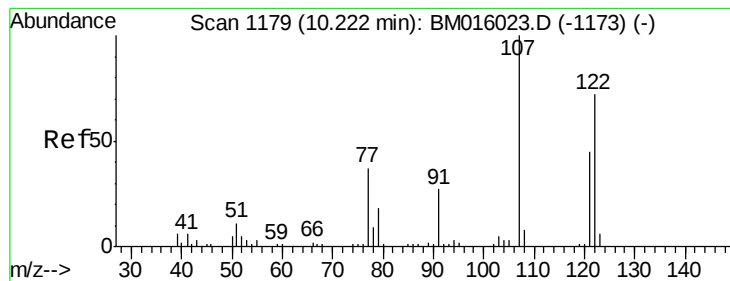
Tgt Ion: 82 Resp: 190380
Ion Ratio Lower Upper
82 100
95 10.1 5.8 8.6#
138 17.2 16.3 24.5



#26
2-Nitrophenol
Concen: 47.954 ng
RT: 10.07 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion: 139 Resp: 49573
Ion Ratio Lower Upper
139 100
109 54.5 20.1 30.1#
65 64.9 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 55.162 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

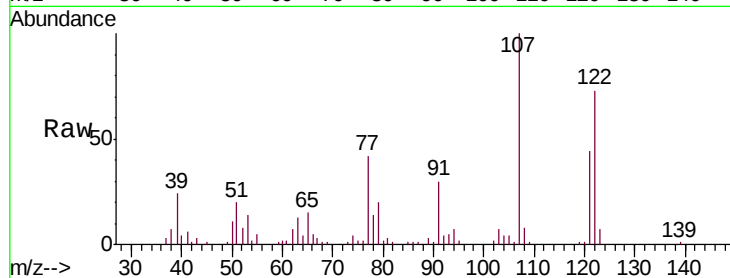
Tgt Ion:122 Resp: 79446

Ion Ratio Lower Upper

122 100

107 136.1 84.7 127.1#

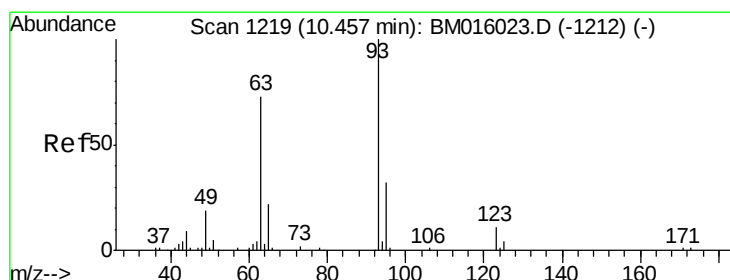
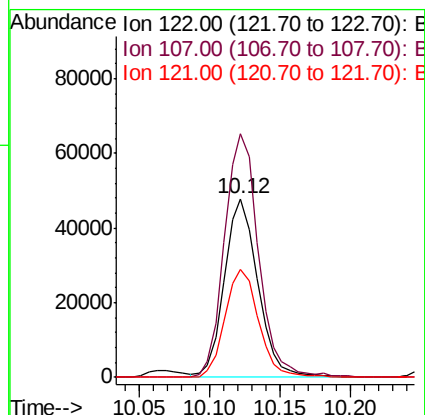
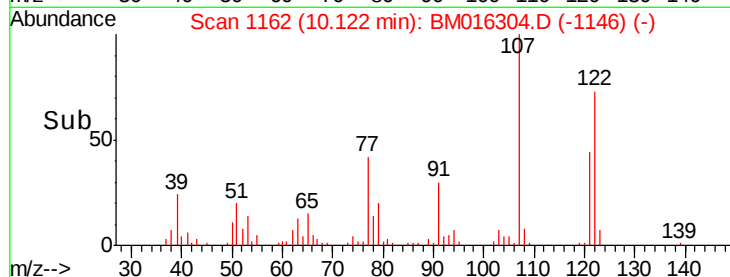
121 60.5 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.748 ng

RT: 10.35 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

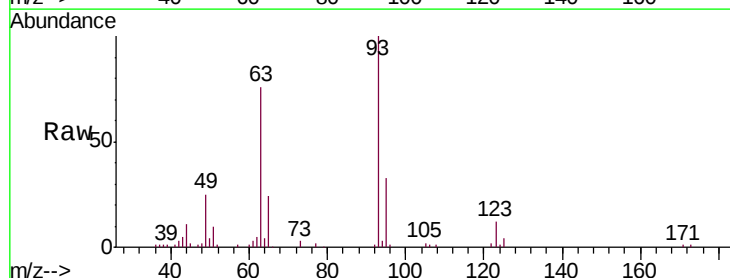
Tgt Ion: 93 Resp: 106623

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

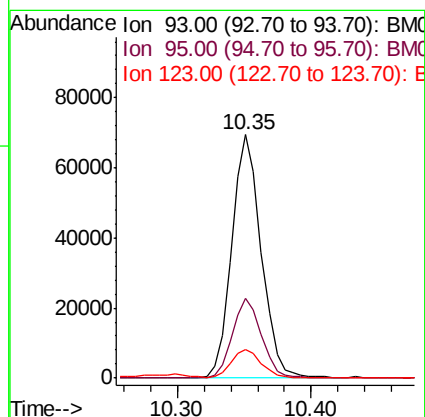
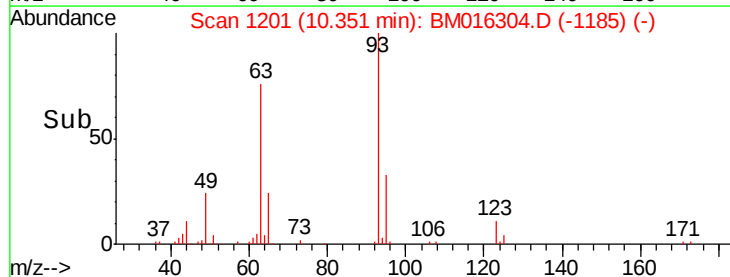
123 11.6 8.6 13.0

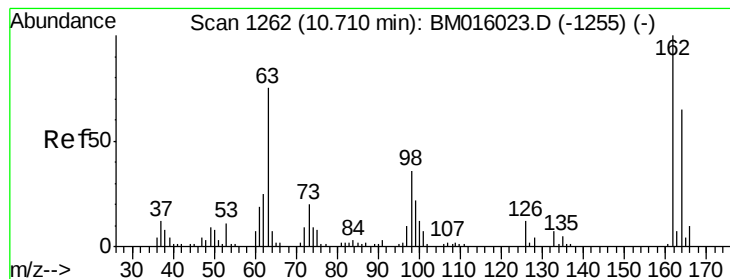


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.663 ng

RT: 10.60 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

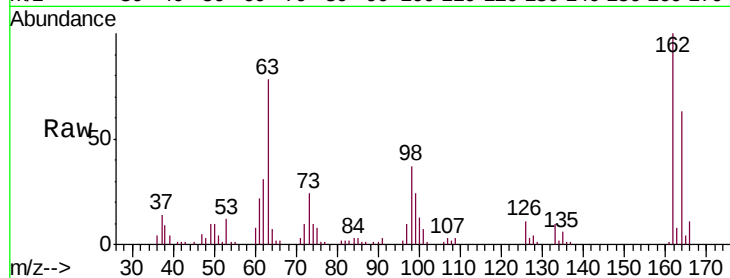
Tgt Ion:162 Resp: 83282

Ion Ratio Lower Upper

162 100

164 63.5 42.8 82.8

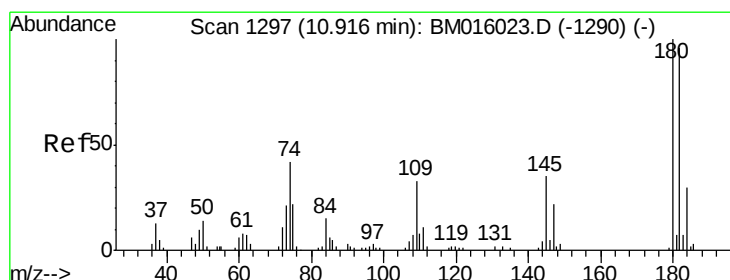
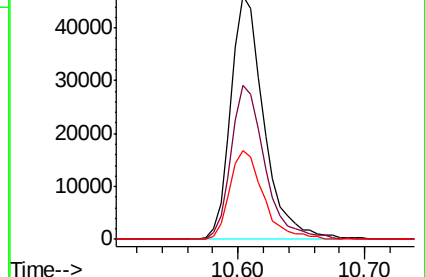
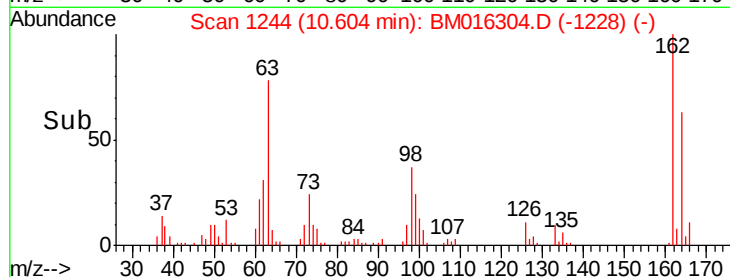
98 36.5 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.018 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

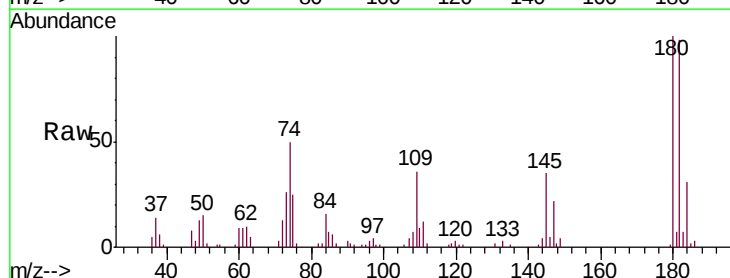
Tgt Ion:180 Resp: 97770

Ion Ratio Lower Upper

180 100

182 97.6 77.6 116.4

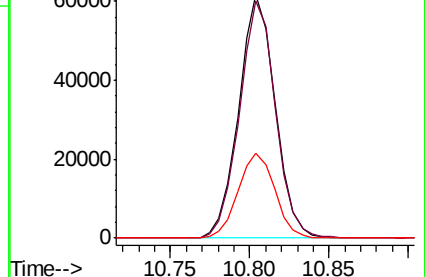
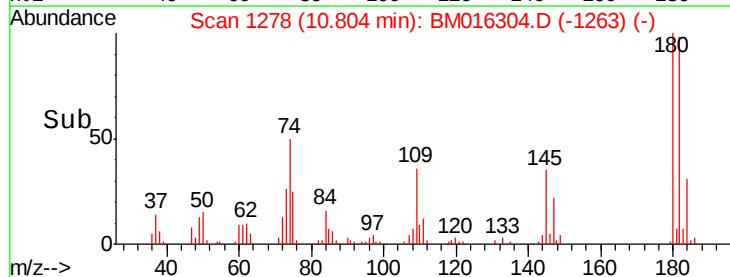
145 34.7 23.4 35.2

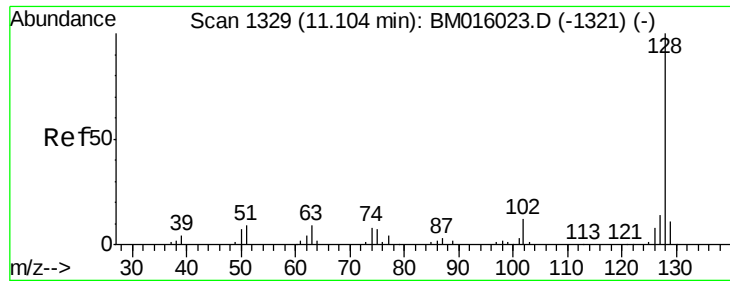


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

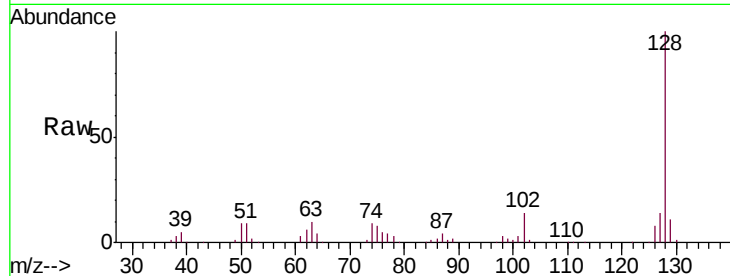




#31
Naphthalene
Concen: 51.068 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.8	10.4	15.6

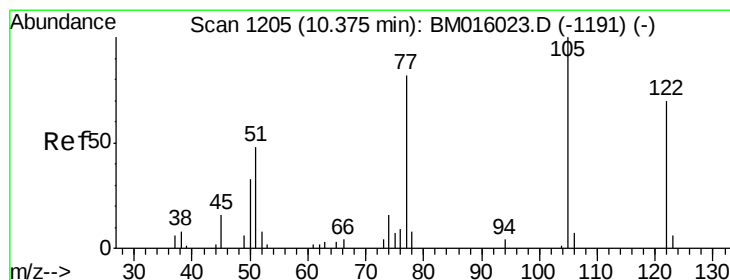
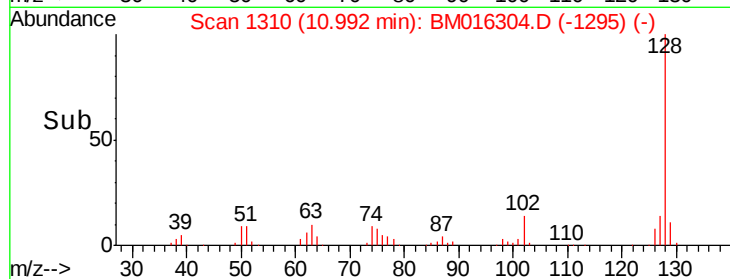
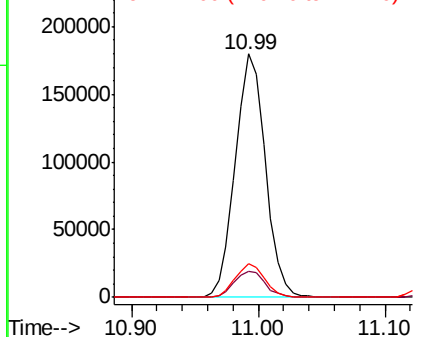


Abundance

Ion 128.00 (127.70 to 128.70): E

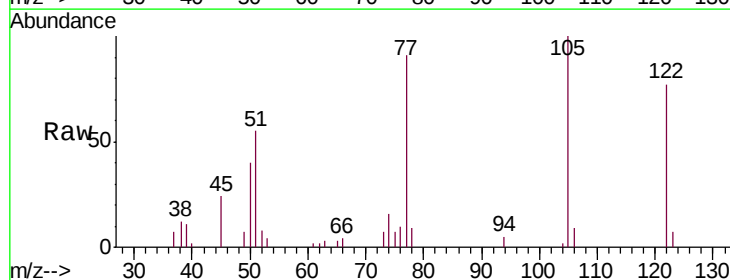
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.074 ng
RT: 10.30 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	99.9	139.9
77	118.8	73.7	113.7

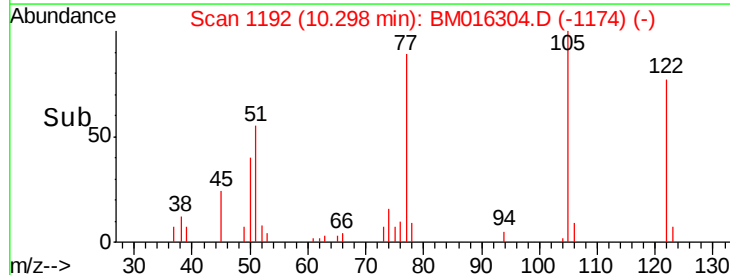
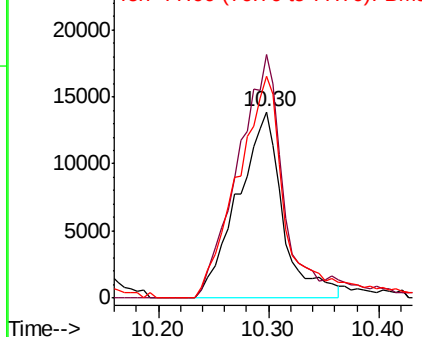


Abundance

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): BM

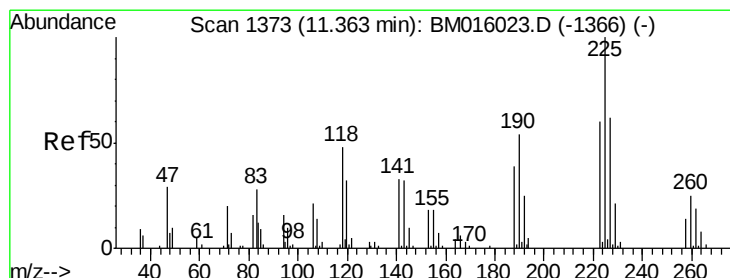
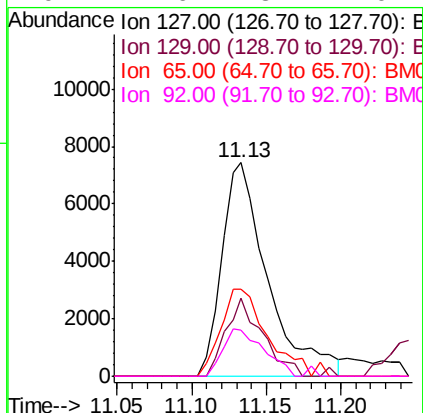
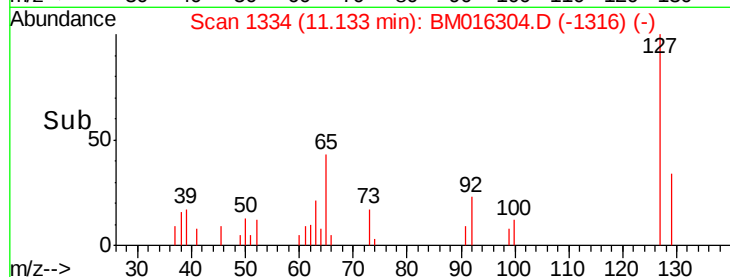
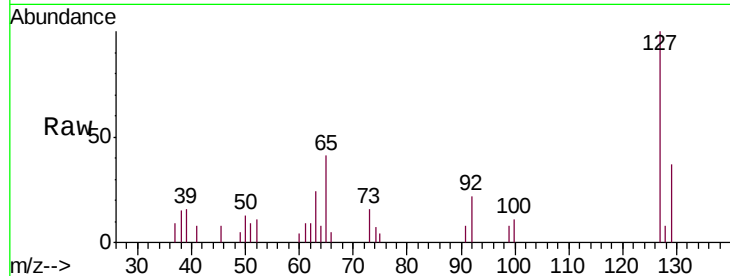




#33
4-Chloroaniline
Concen: 6.743 ng
RT: 11.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

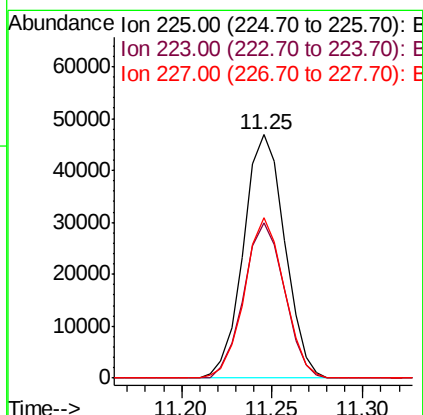
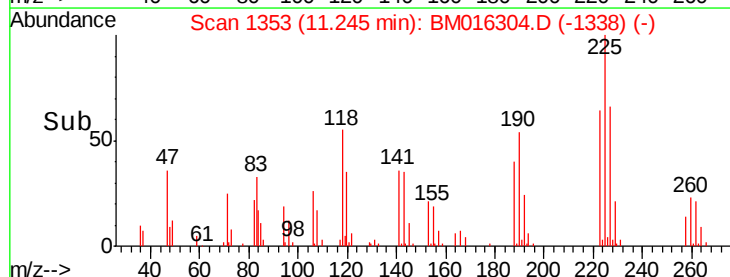
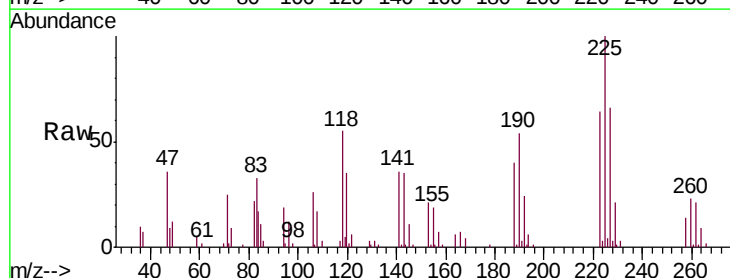
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

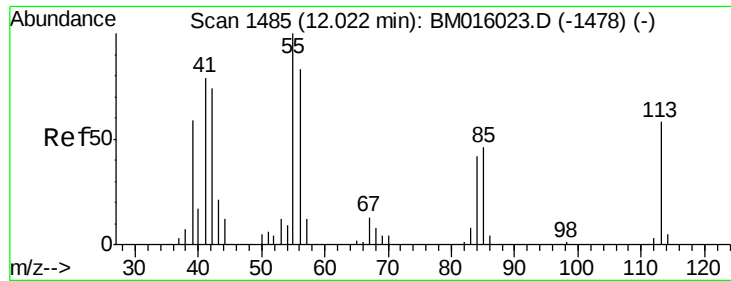
Tgt Ion:	127	Resp:	15935
Ion	Ratio	Lower	Upper
127	100		
129	36.8	25.3	37.9
65	40.8	17.6	26.4#
92	21.6	13.1	19.7#



#34
Hexachlorobutadiene
Concen: 51.553 ng
RT: 11.25 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion:	225	Resp:	74359
Ion	Ratio	Lower	Upper
225	100		
223	63.9	47.9	71.9
227	68.8	50.1	75.1





#35

Caprolactam

Concen: 30.932 ng

RT: 11.94 min Scan# 1471

Delta R.T. 0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

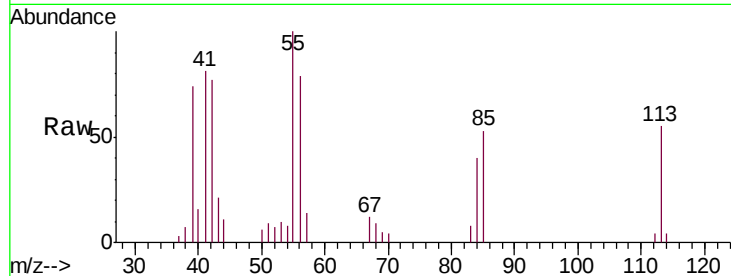
Tgt Ion:113 Resp: 14662

Ion Ratio Lower Upper

113 100

55 180.6 145.9 185.9

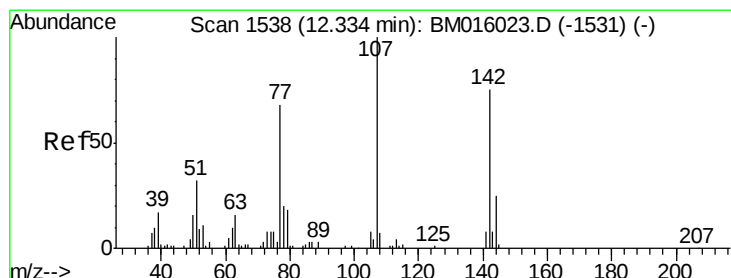
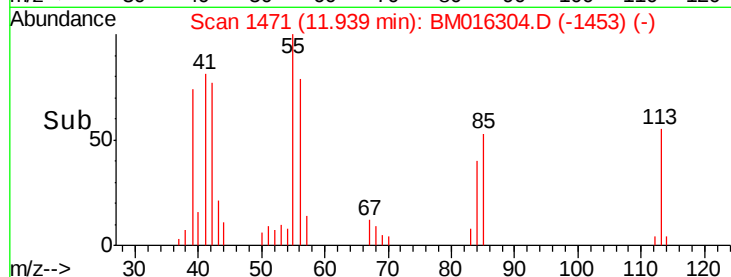
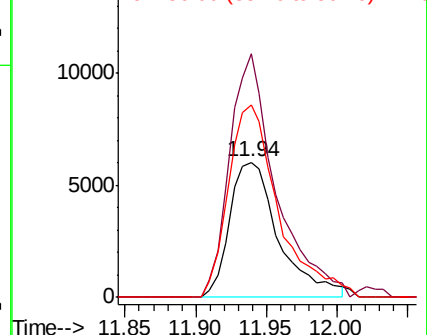
56 142.4 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 45.948 ng

RT: 12.25 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

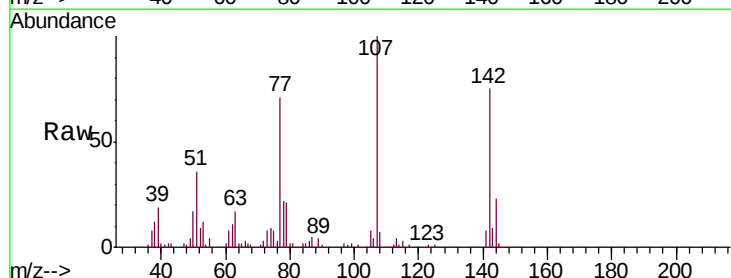
Tgt Ion:107 Resp: 86491

Ion Ratio Lower Upper

107 100

144 22.6 23.3 34.9#

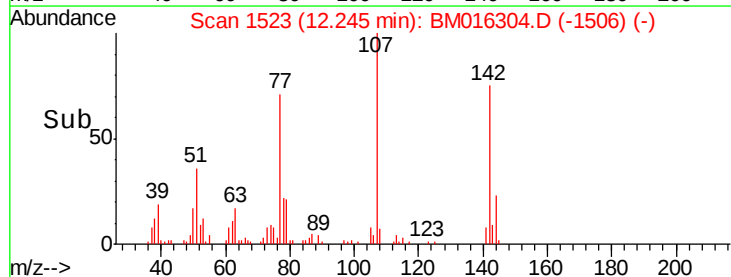
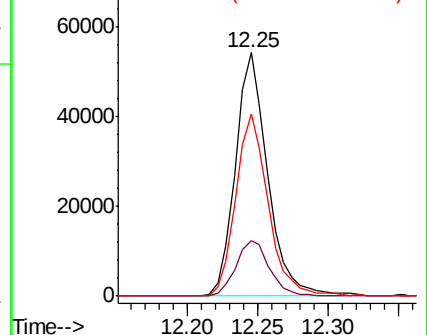
142 75.1 72.6 109.0

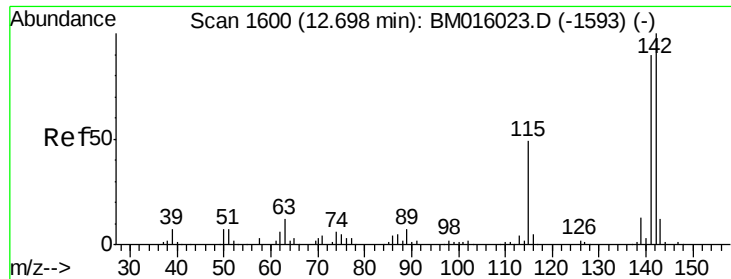


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

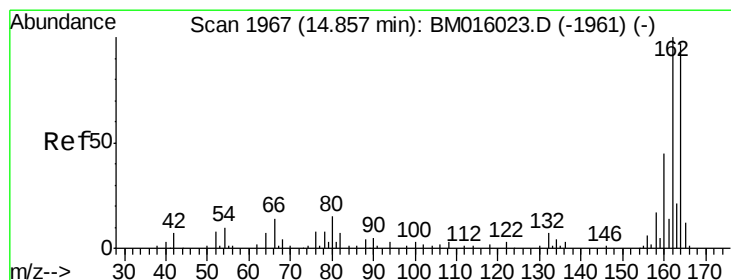
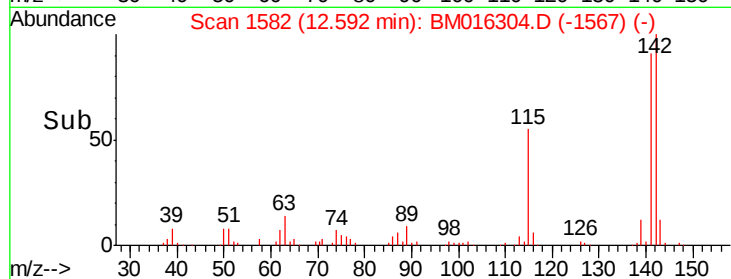
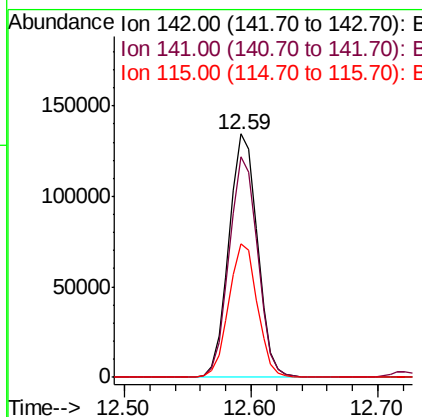
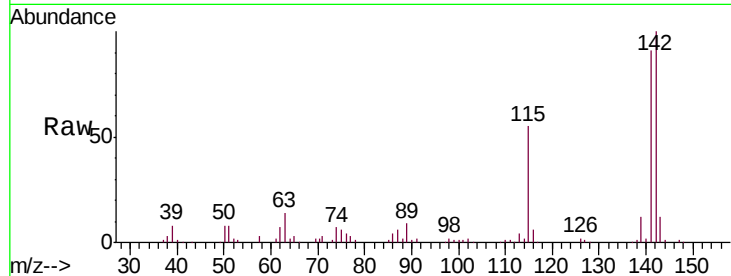




#37
 2-Methylnaphthalene
 Concen: 53.769 ng
 RT: 12.59 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

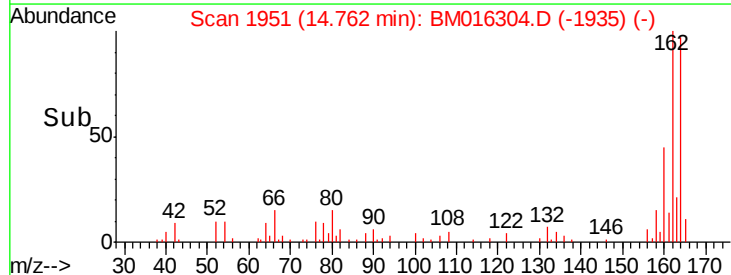
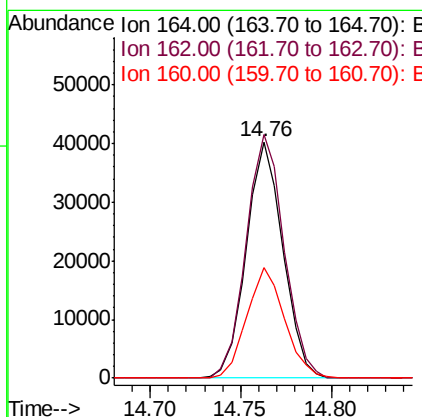
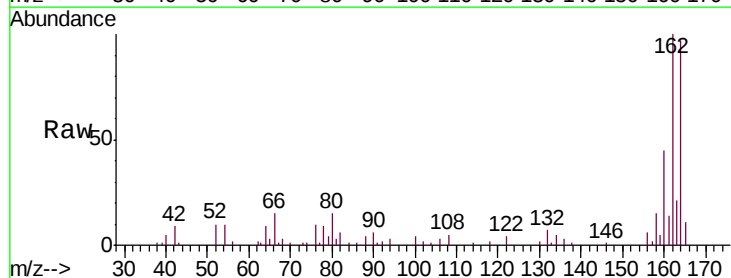
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

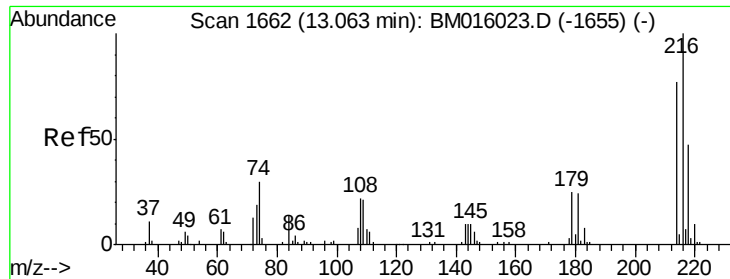
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	55.1	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	46.7	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.620 ng

RT: 12.96 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

Tgt Ion:216 Resp: 103175

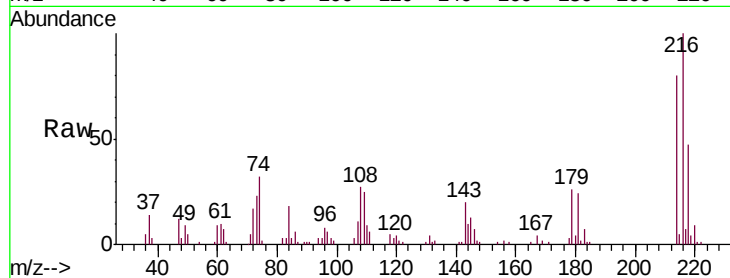
Ion Ratio Lower Upper

216 100

214 79.2 0.0 0.0#

179 26.1 0.0 0.0#

108 26.2 0.0 0.0#

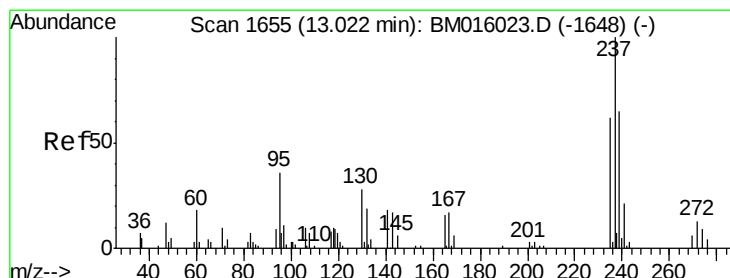
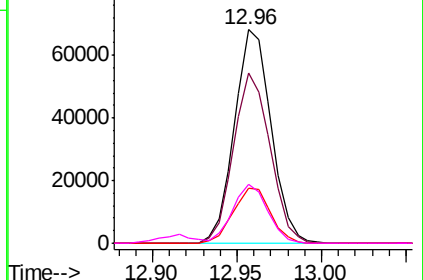
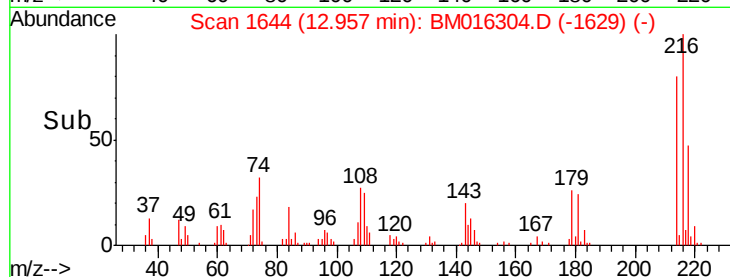


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 49.745 ng

RT: 12.92 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

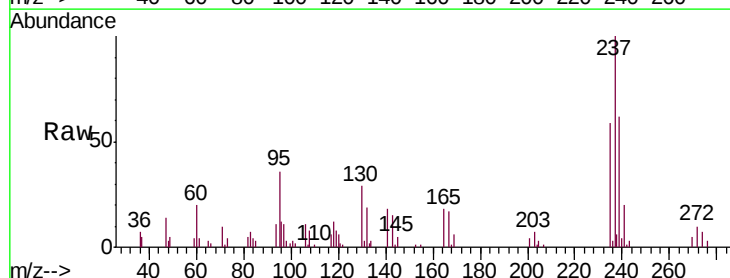
Tgt Ion:237 Resp: 43952

Ion Ratio Lower Upper

237 100

235 58.5 42.0 82.0

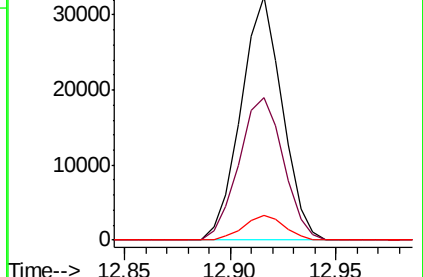
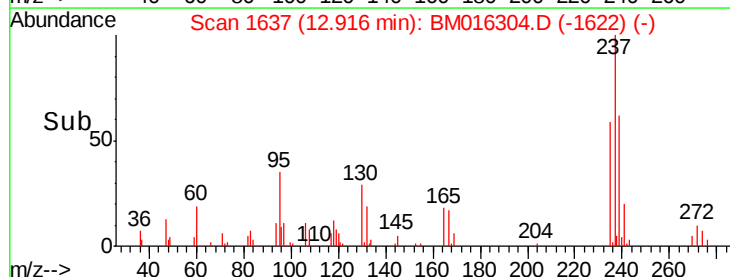
272 10.0 0.0 33.4

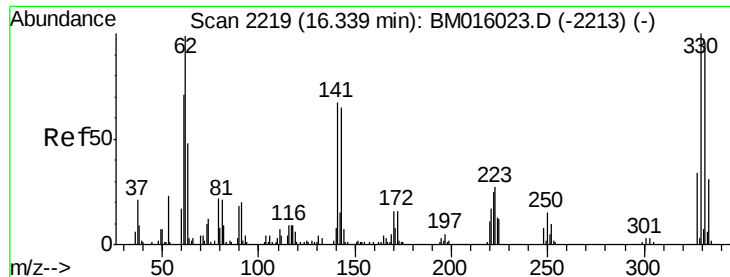


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

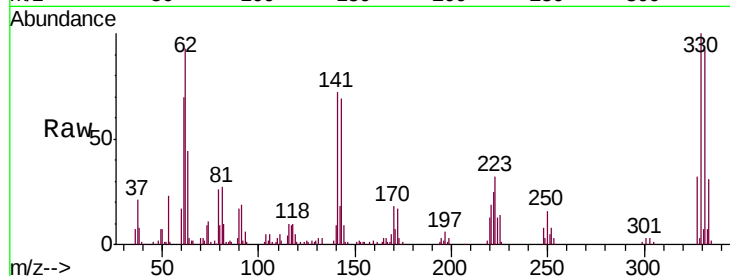




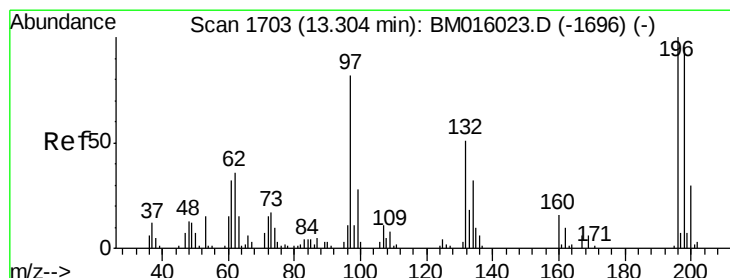
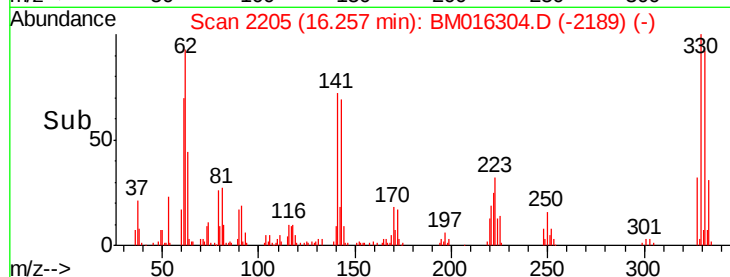
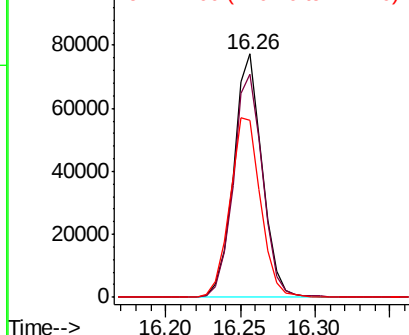
#41
 2,4,6-Tribromophenol
 Concen: 49.745 ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

Tgt Ion:330 Resp: 103291
 Ion Ratio Lower Upper
 330 100
 332 93.9 0.0 0.0#
 141 79.1 0.0 0.0#

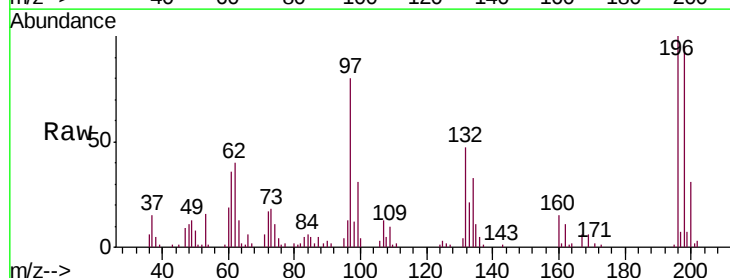


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

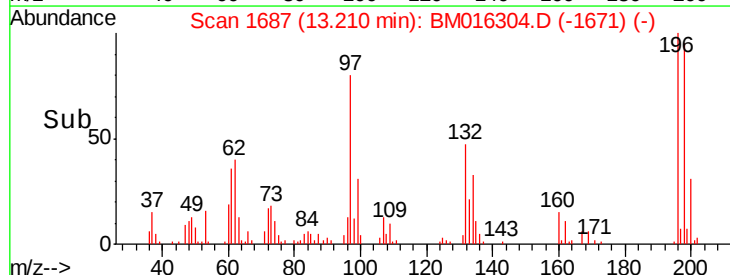
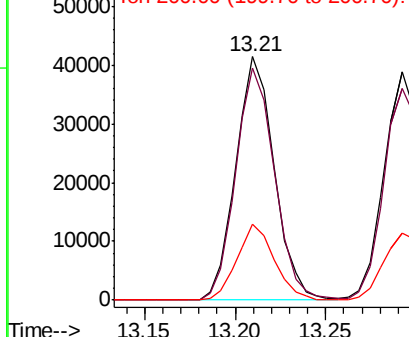


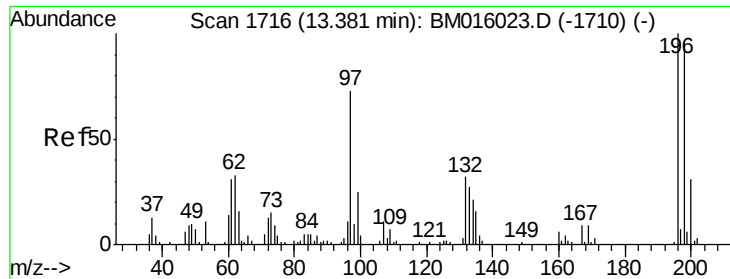
#42
 2,4,6-Trichlorophenol
 Concen: 51.092 ng
 RT: 13.21 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion:196 Resp: 61508
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 31.0 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

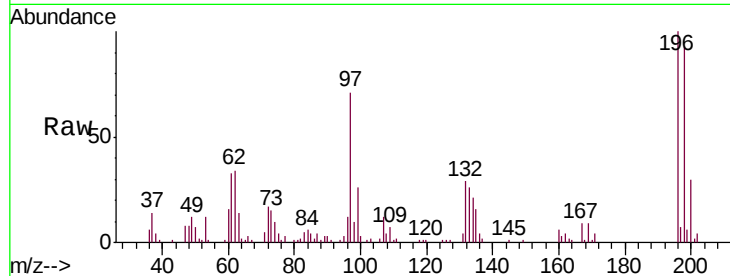




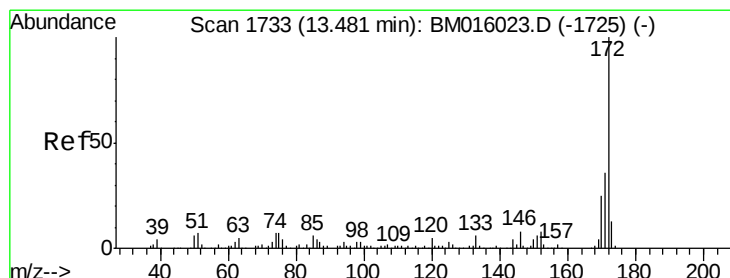
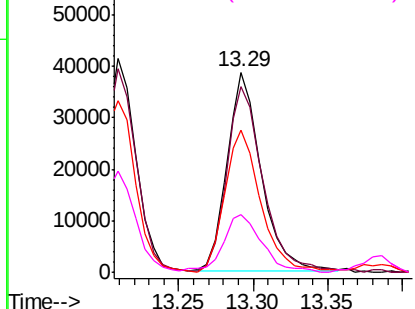
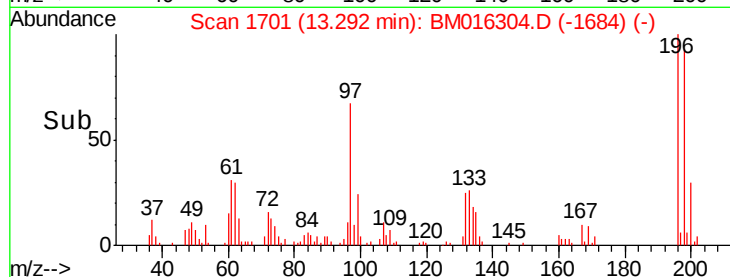
#43
 2,4,5-Trichlorophenol
 Concen: 49.496 ng
 RT: 13.29 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

Tgt Ion:196 Resp: 61463
 Ion Ratio Lower Upper
 196 100
 198 92.6 79.4 119.0
 97 71.1 26.8 40.2#
 132 29.0 18.6 28.0#

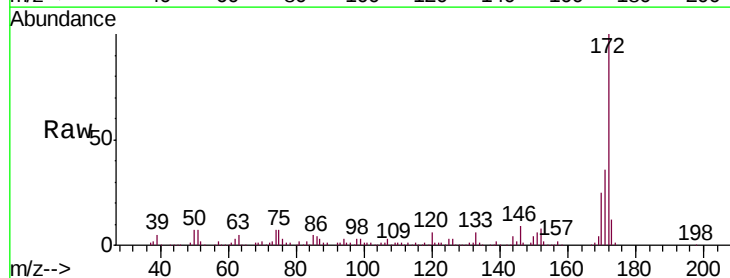


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

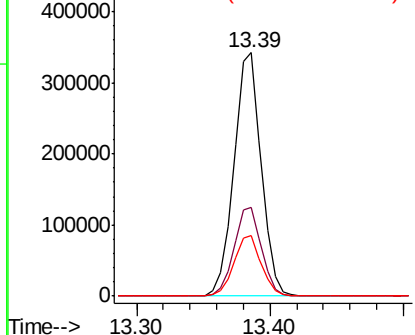
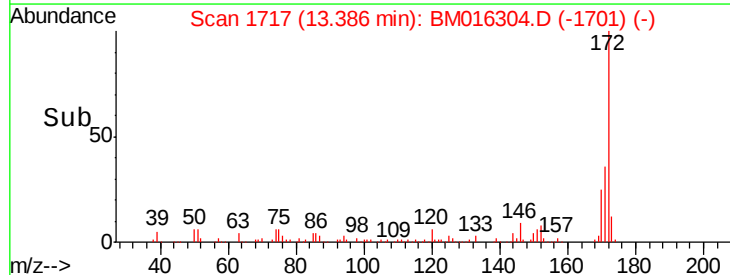


#44
 2-Fluorobiphenyl
 Concen: 49.496 ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion:172 Resp: 484731
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 24.8 18.8 28.2



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

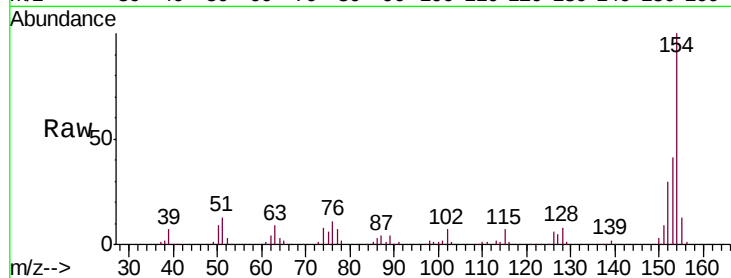




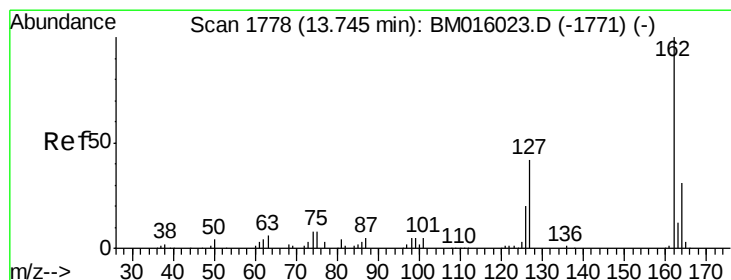
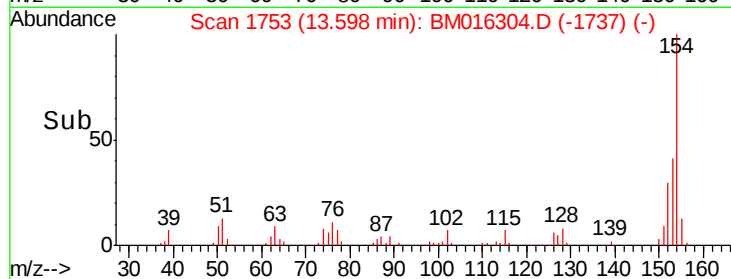
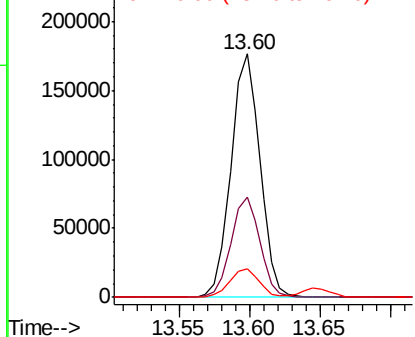
#45
 1,1'-Biphenyl
 Concen: 49.500 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	11.5	0.0	30.9

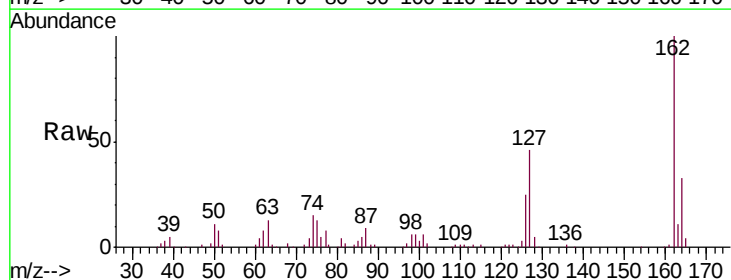


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BMO

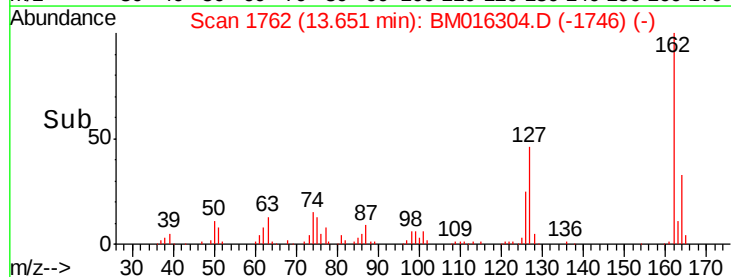
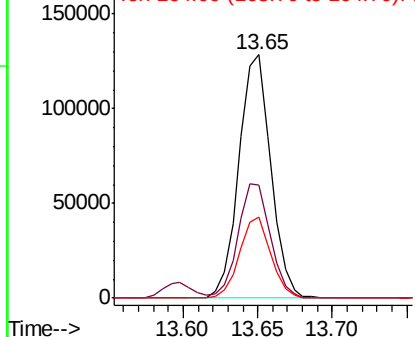


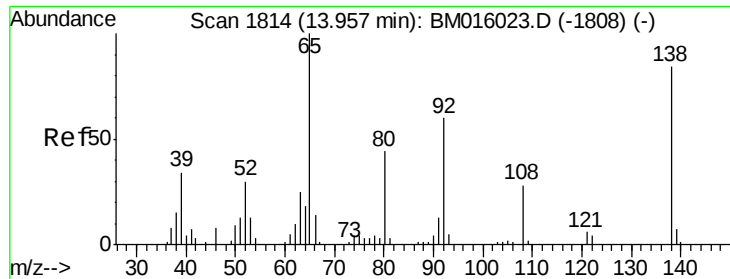
#46
 2-Chloronaphthalene
 Concen: 48.067 ng
 RT: 13.65 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.2	26.9	40.3#
164	33.1	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

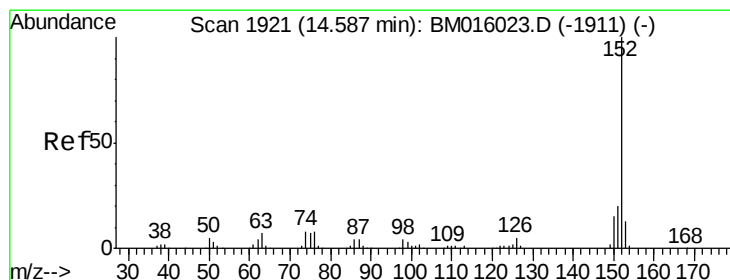
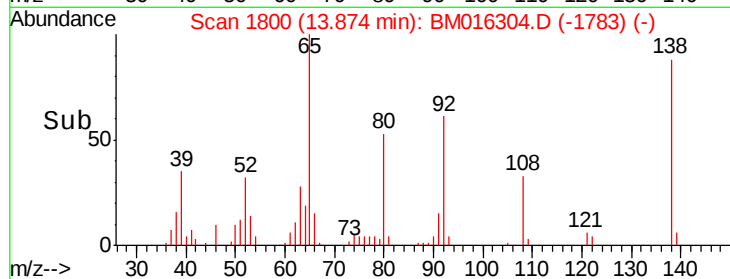
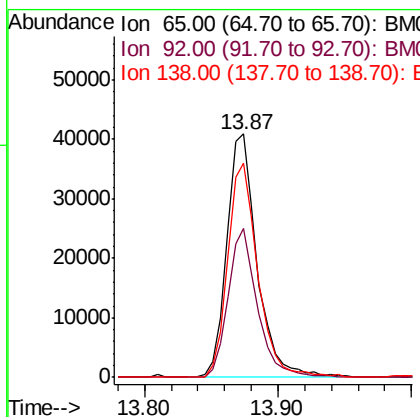
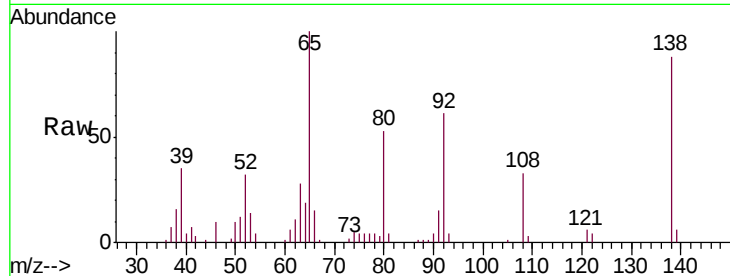




#47
 2-Nitroaniline
 Concen: 49.614 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

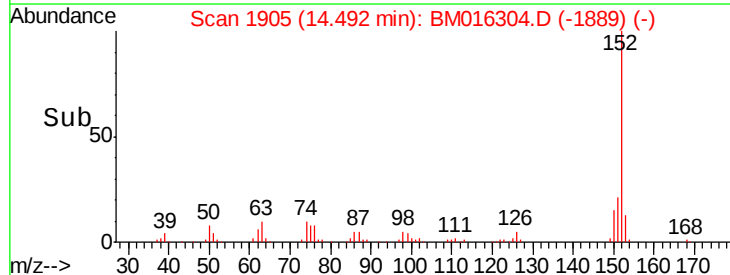
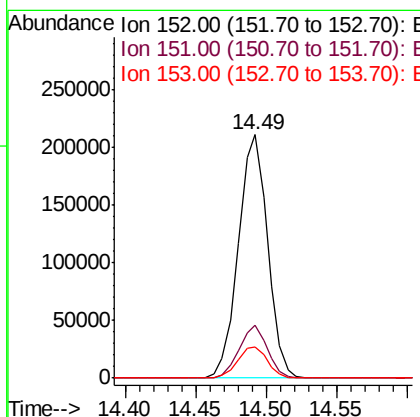
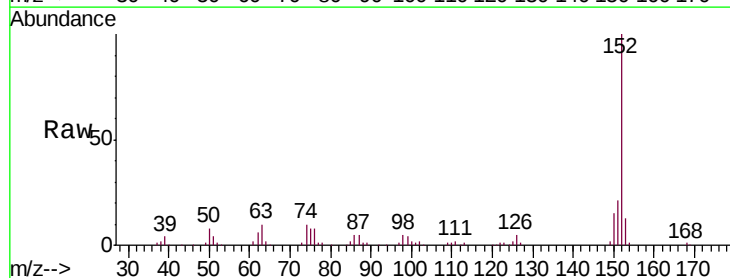
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

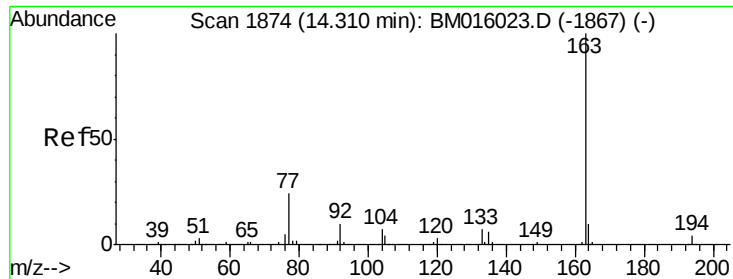
Tgt Ion: 65 Resp: 65074
 Ion Ratio Lower Upper
 65 100
 92 61.1 59.1 88.7
 138 87.8 93.9 140.9#



#48
 Acenaphthylene
 Concen: 52.629 ng
 RT: 14.49 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion: 152 Resp: 305652
 Ion Ratio Lower Upper
 152 100
 151 21.5 15.9 23.9
 153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 49.715 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

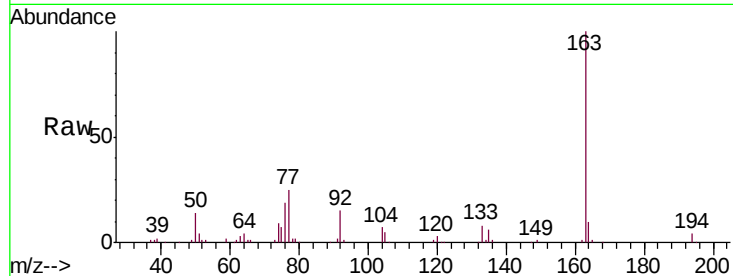
Tgt Ion:163 Resp: 245903

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

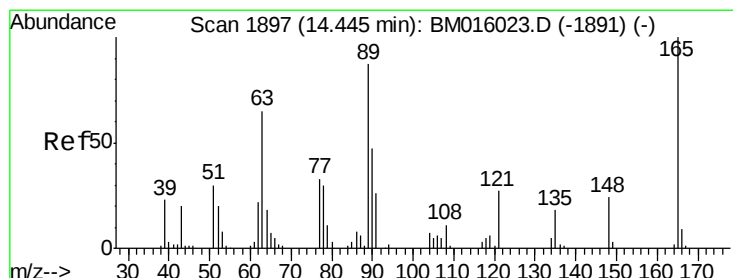
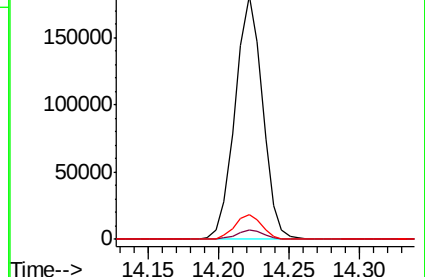
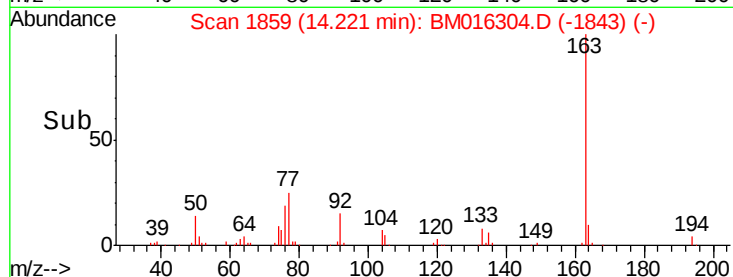
164 10.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 49.260 ng

RT: 14.36 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

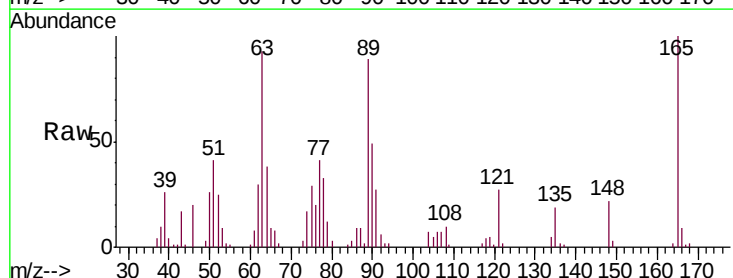
Tgt Ion:165 Resp: 49024

Ion Ratio Lower Upper

165 100

63 93.0 44.1 66.1#

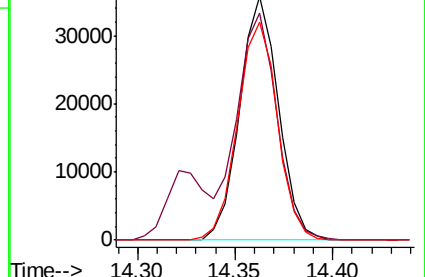
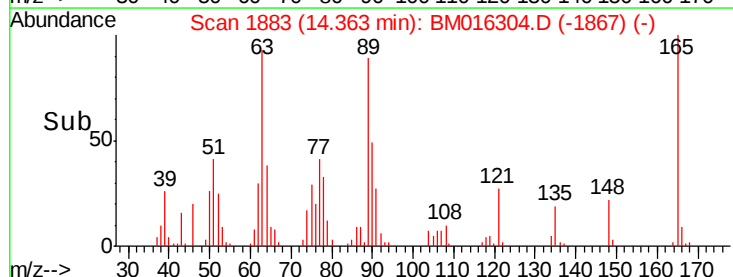
89 89.3 44.3 66.5#

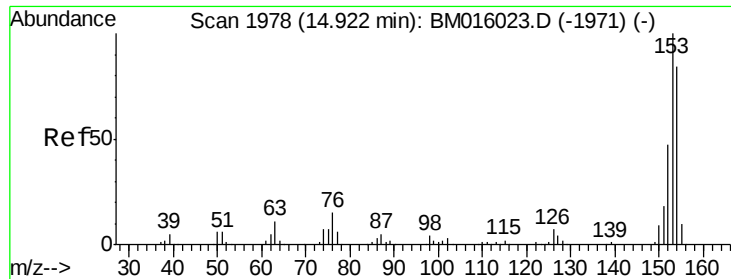


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 48.739 ng

RT: 14.83 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

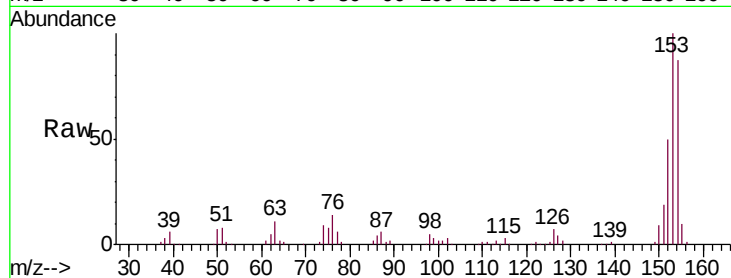
Tgt Ion:154 Resp: 174090

Ion Ratio Lower Upper

154 100

153 115.6 90.0 135.0

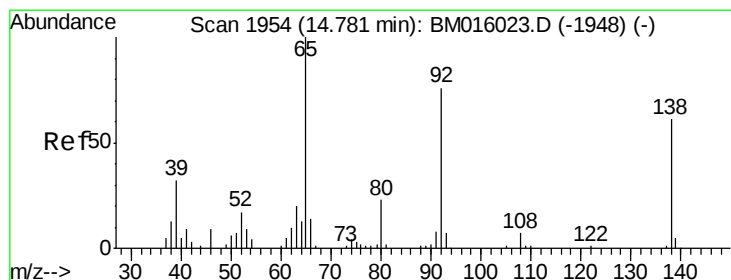
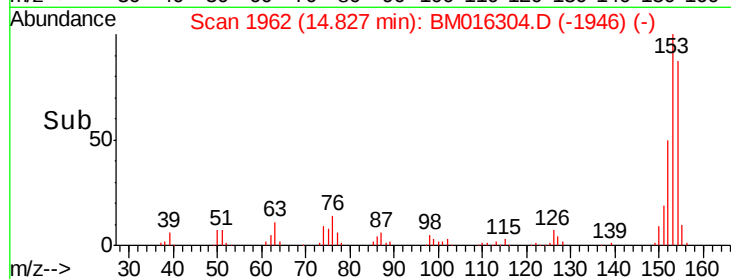
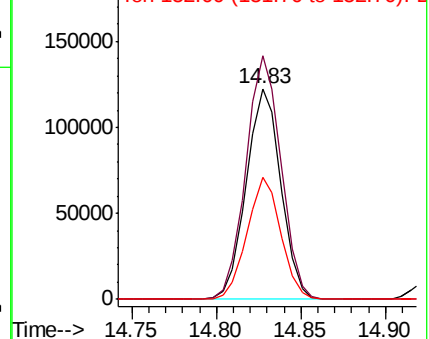
152 58.1 42.6 63.8



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



#52

3-Nitroaniline

Concen: 17.834 ng

RT: 14.70 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

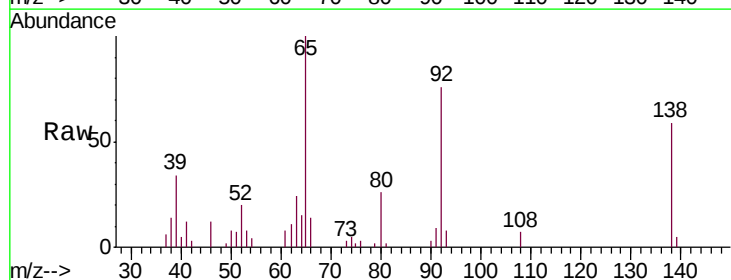
Tgt Ion:138 Resp: 19170

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

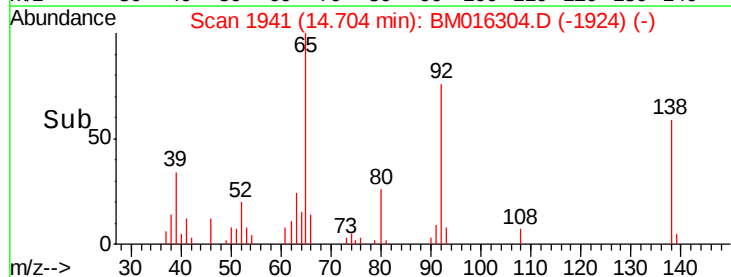
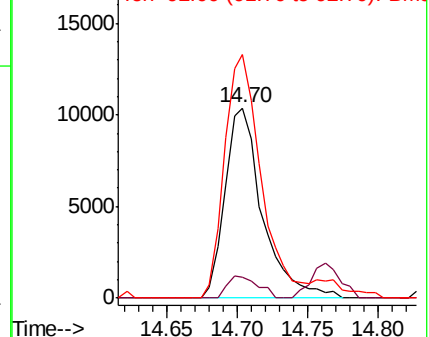
92 128.1 76.6 114.8#

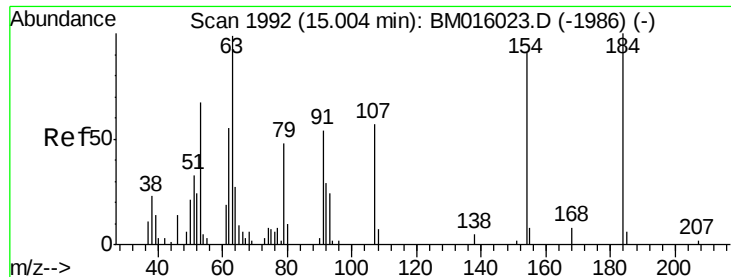


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

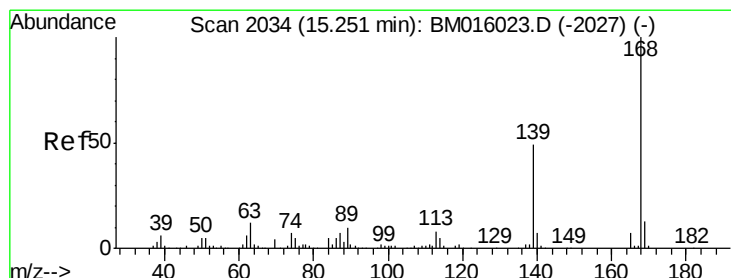
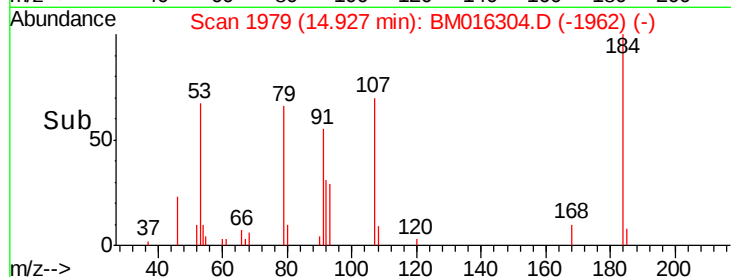
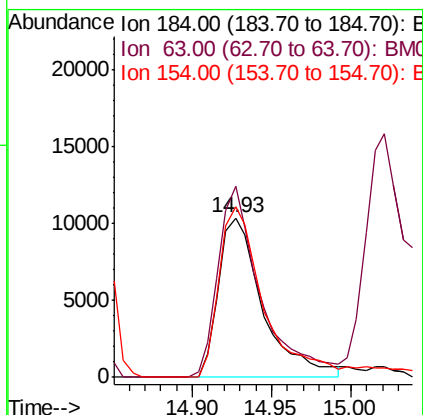
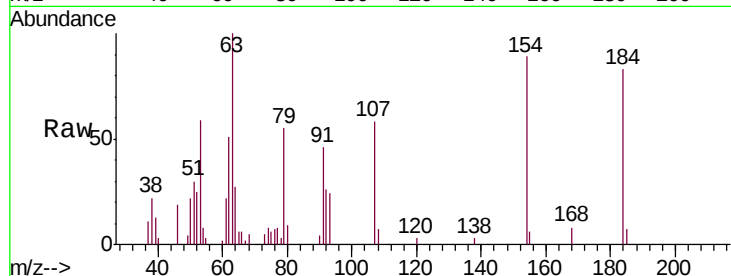




#53
 2,4-Dinitrophenol
 Concen: 49.738 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

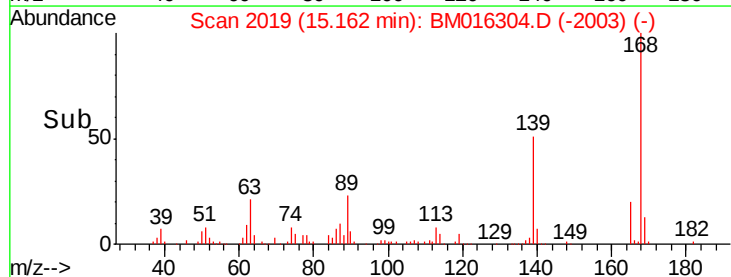
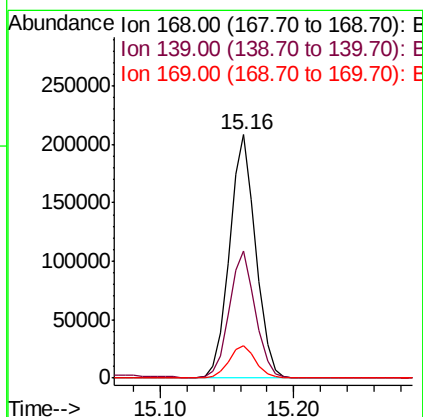
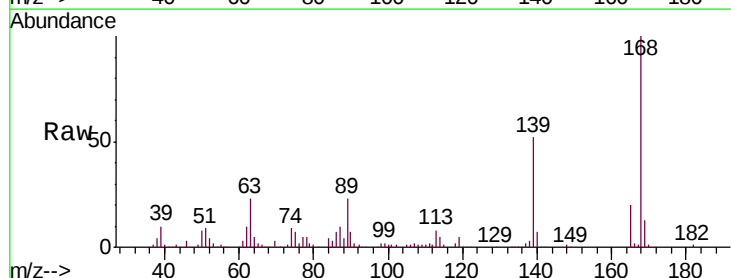
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

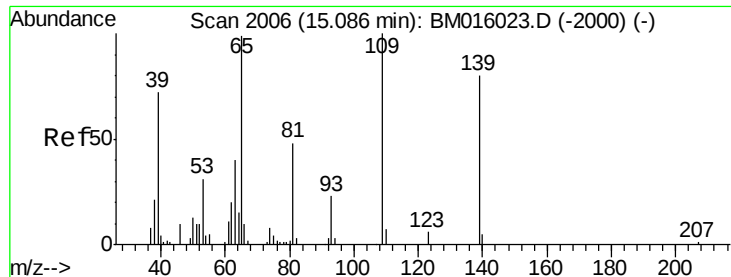
Tgt Ion:184 Resp: 20184
 Ion Ratio Lower Upper
 184 100
 63 120.1 69.2 103.8#
 154 107.2 53.3 79.9#



#54
 Dibenzofuran
 Concen: 48.276 ng
 RT: 15.16 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion:168 Resp: 284157
 Ion Ratio Lower Upper
 168 100
 139 52.1 27.3 40.9#
 169 13.5 10.6 16.0

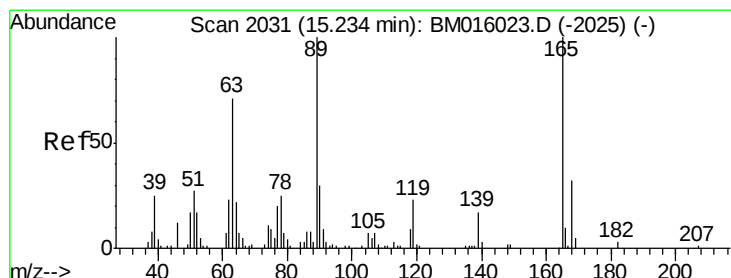
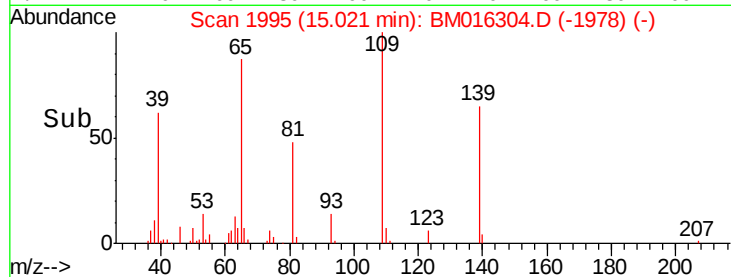
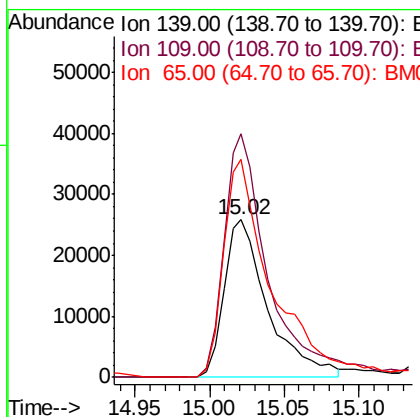
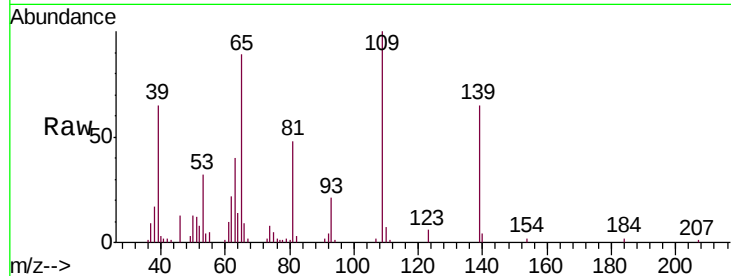




#55
4-Nitrophenol
Concen: 68.673 ng
RT: 15.02 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

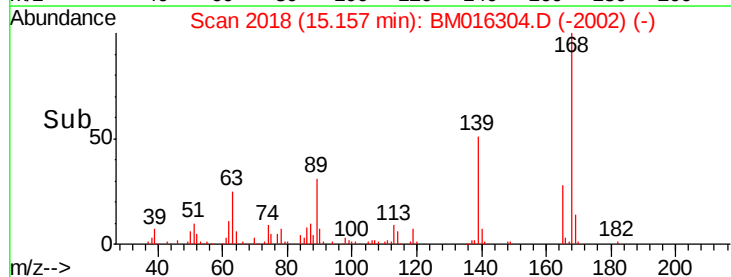
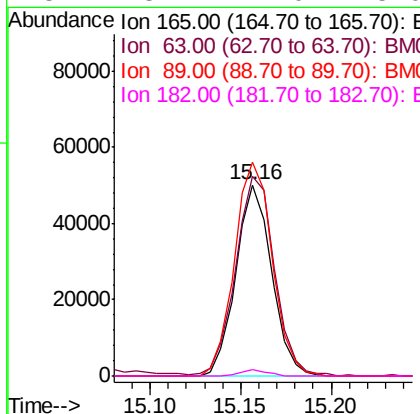
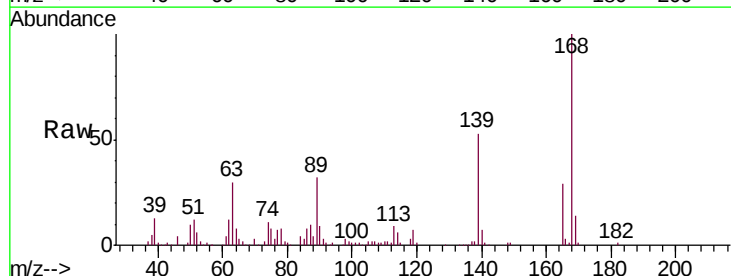
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

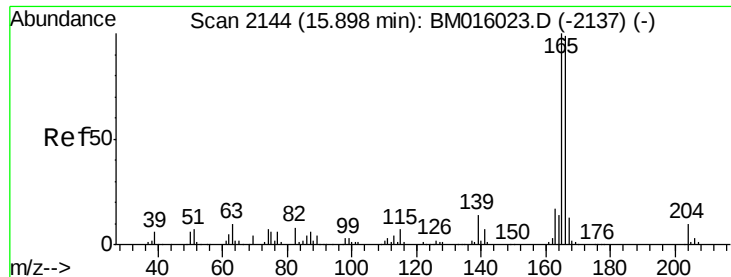
Tgt Ion:139 Resp: 52919
Ion Ratio Lower Upper
139 100
109 154.6 130.0 170.0
65 138.1 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 48.422 ng
RT: 15.16 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion:165 Resp: 68905
Ion Ratio Lower Upper
165 100
63 104.9 52.4 78.6#
89 112.0 72.4 108.6#
182 3.2 2.0 3.0#

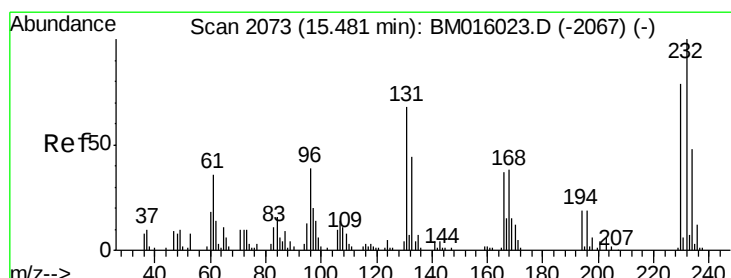
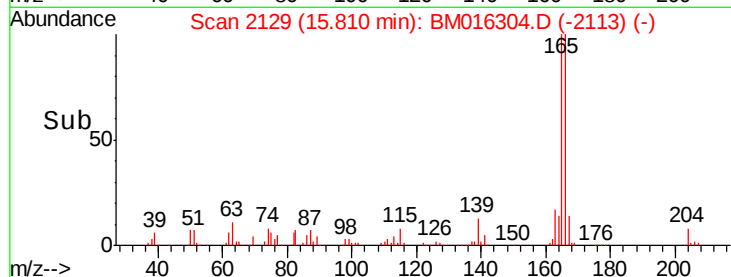
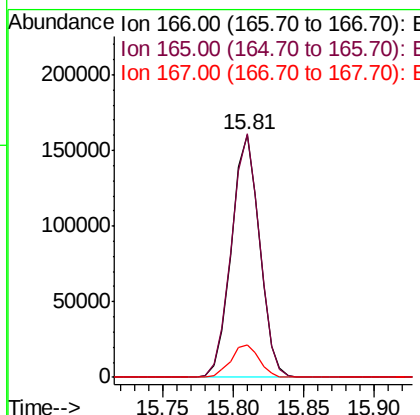
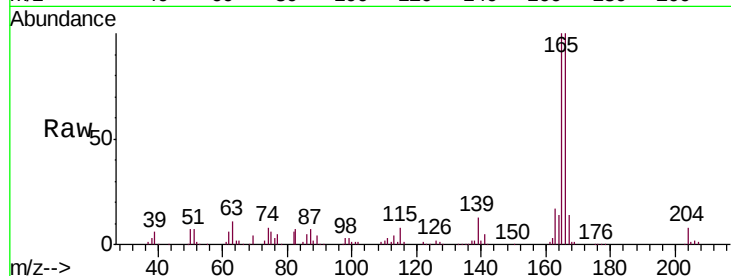




#57
 Fluorene
 Concen: 51.026 ng
 RT: 15.81 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

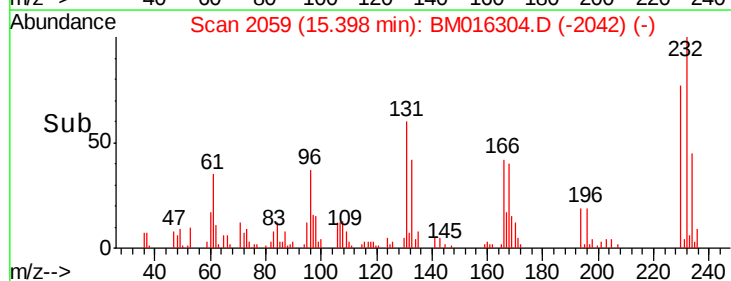
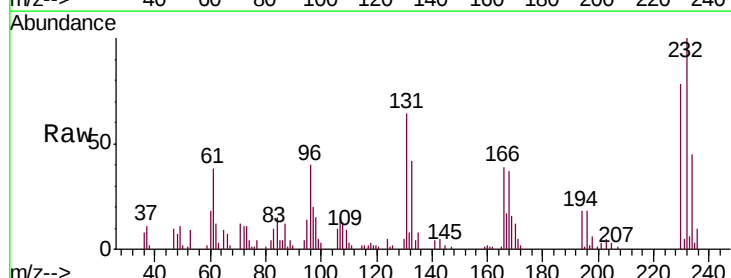
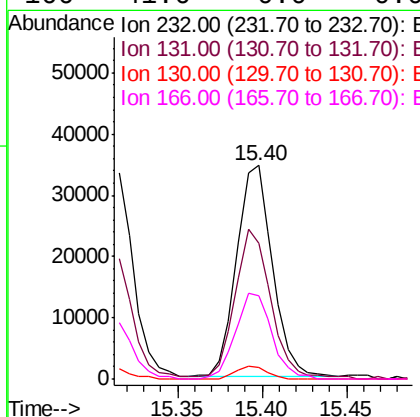
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

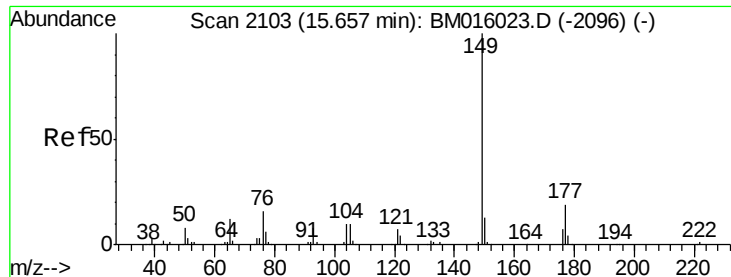
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.0	118.4
167	13.6	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.557 ng
 RT: 15.40 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	72.2	0.0	0.0#
130	5.2	0.0	0.0#
166	41.6	0.0	0.0#





#59

Diethylphthalate

Concen: 49.386 ng

RT: 15.57 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

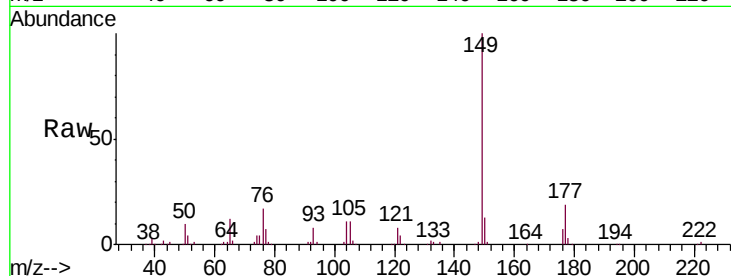
Tgt Ion:149 Resp: 263293

Ion Ratio Lower Upper

149 100

177 18.9 18.3 27.5

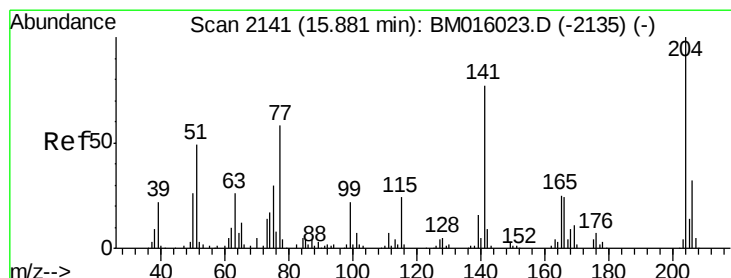
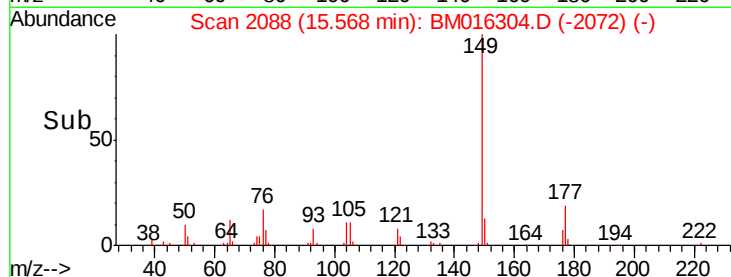
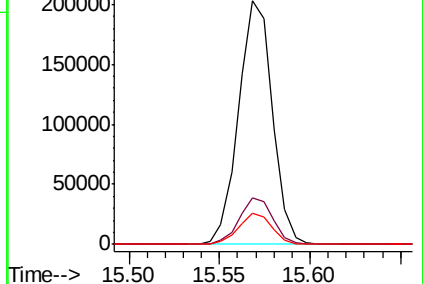
150 12.6 9.8 14.8



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



#60

4-Chlorophenyl-phenylether

Concen: 47.272 ng

RT: 15.79 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

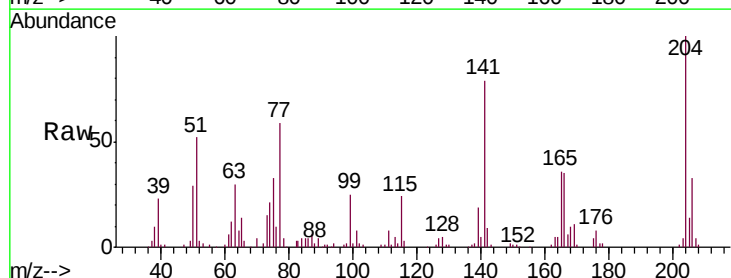
Tgt Ion:204 Resp: 115102

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

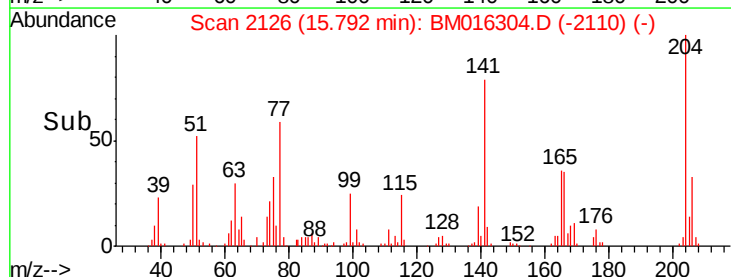
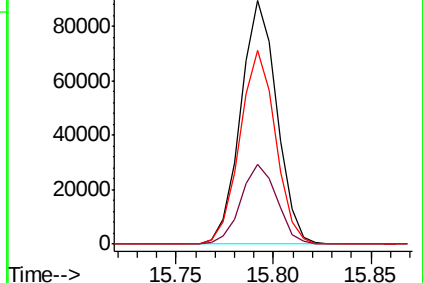
141 79.3 45.2 67.8#

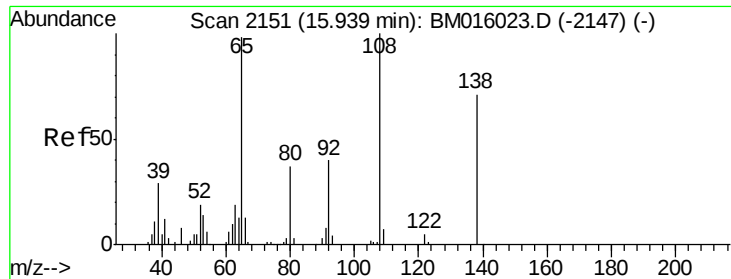


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

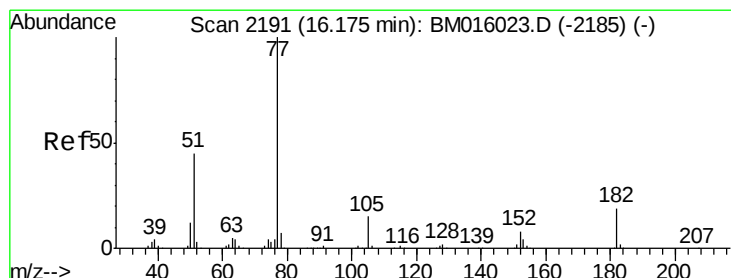
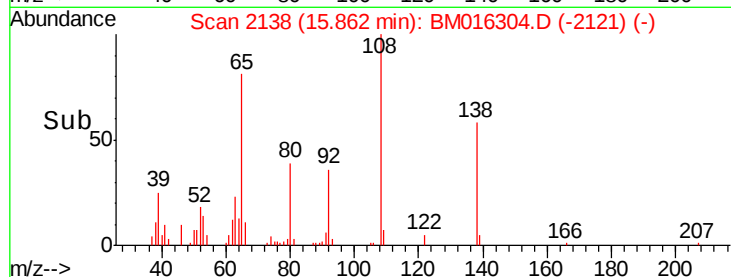
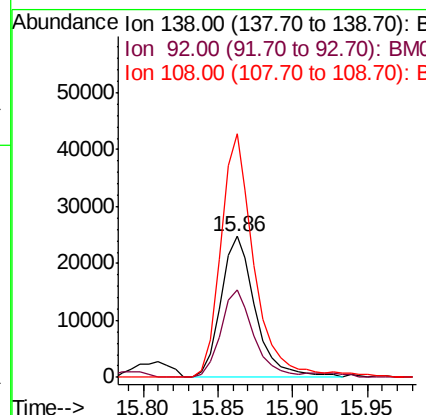
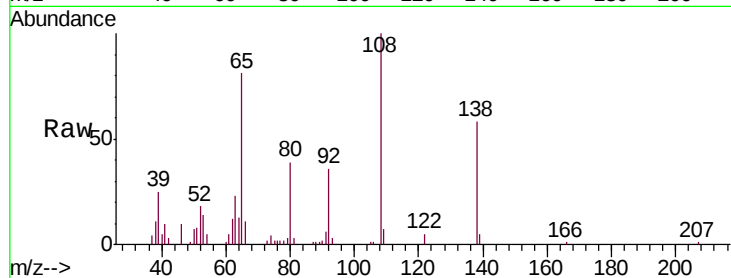




#61
4-Nitroaniline
Concen: 38.799 ng
RT: 15.86 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

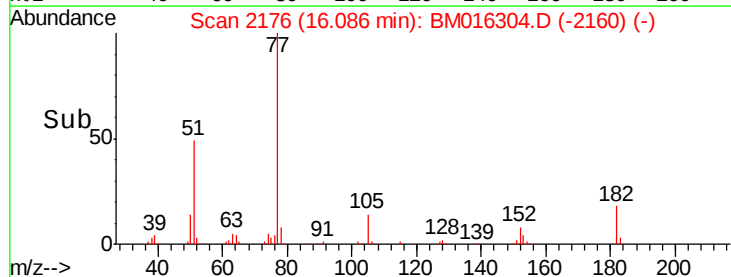
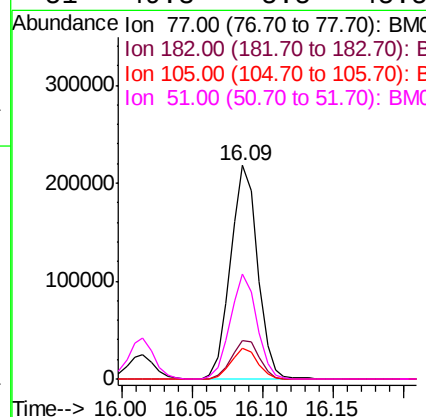
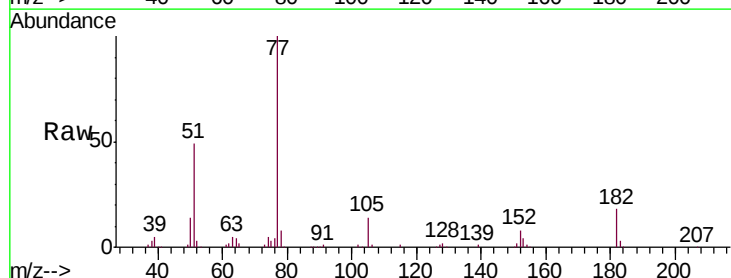
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

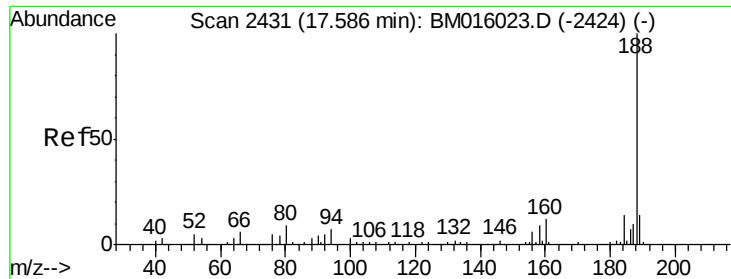
Tgt Ion: 138 Resp: 40015
Ion Ratio Lower Upper
138 100
92 62.2 16.7 56.7#
108 172.7 37.6 77.6#



#62
Azobenzene
Concen: 51.816 ng
RT: 16.09 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion: 77 Resp: 290934
Ion Ratio Lower Upper
77 100
182 18.3 6.5 46.5
105 14.3 3.8 43.8
51 49.3 5.5 45.5#

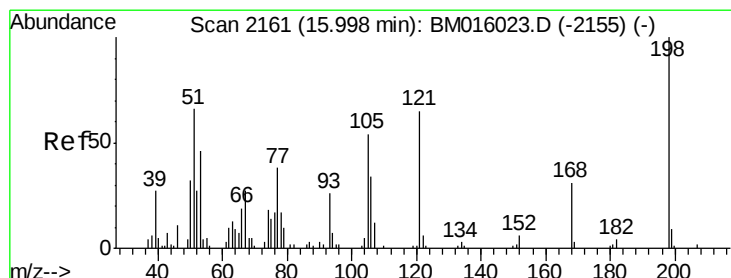
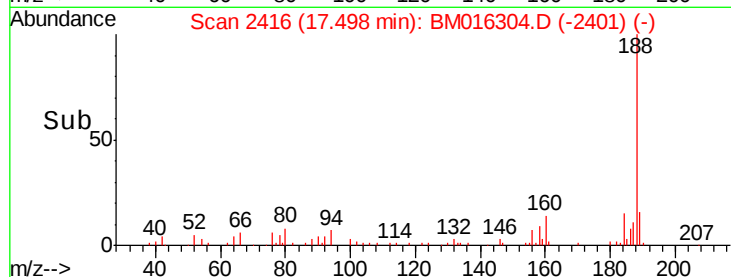
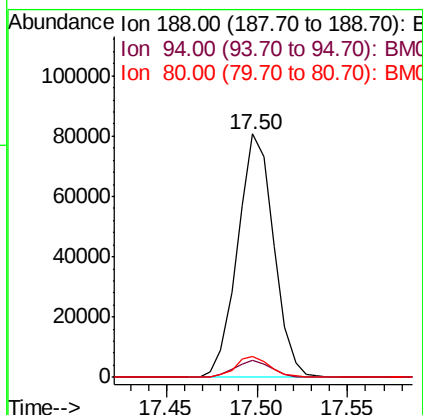
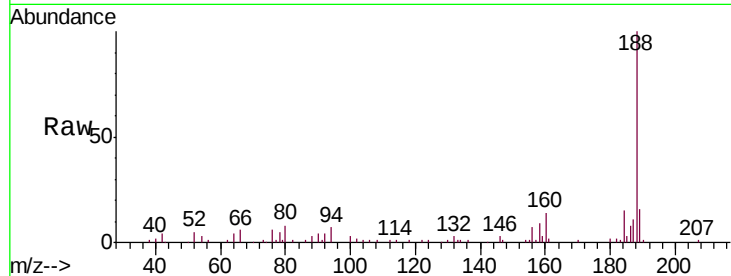




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

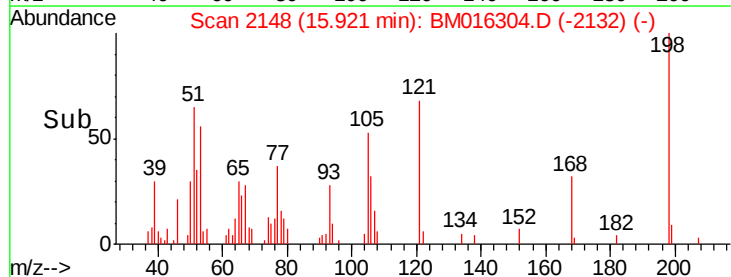
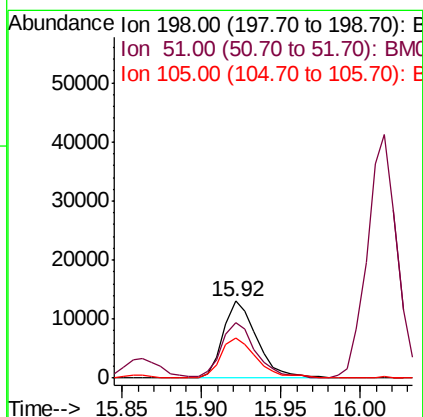
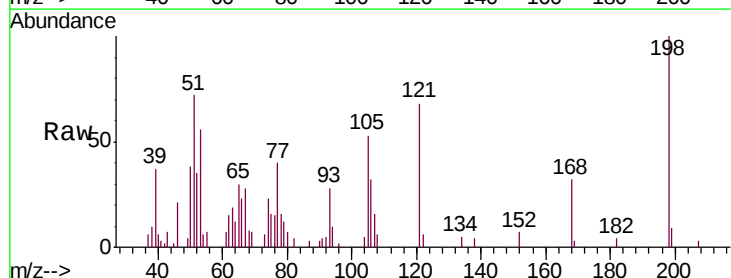
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

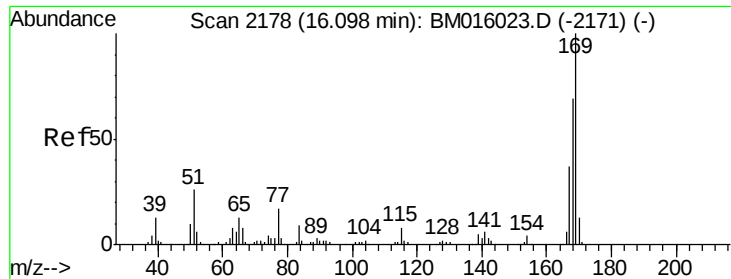
Tgt Ion:188 Resp: 111507
 Ion Ratio Lower Upper
 188 100
 94 7.1 8.7 13.1#
 80 8.4 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.585 ng
 RT: 15.92 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion:198 Resp: 19347
 Ion Ratio Lower Upper
 198 100
 51 72.3 28.8 68.8#
 105 52.6 30.5 70.5

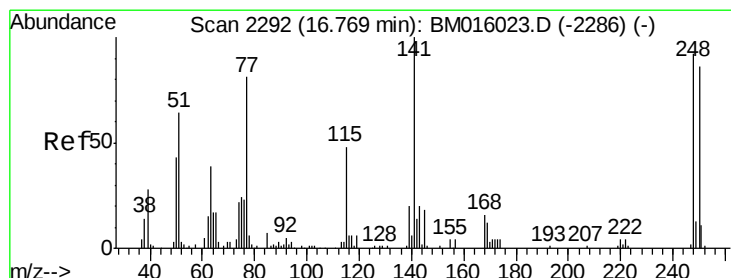
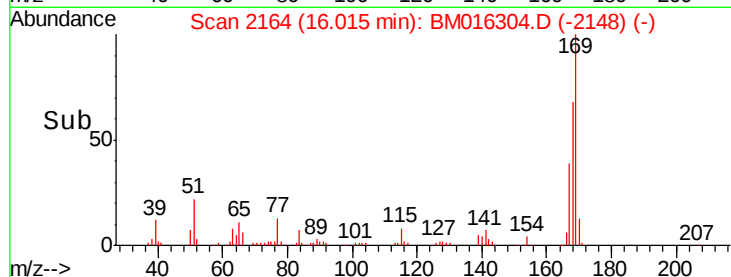
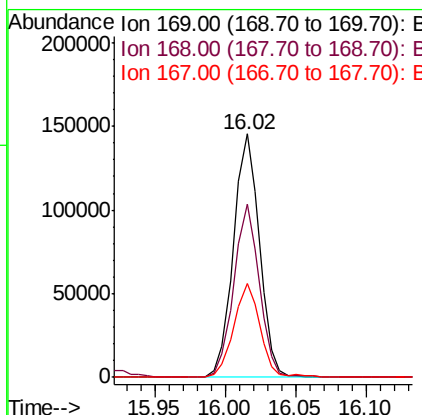
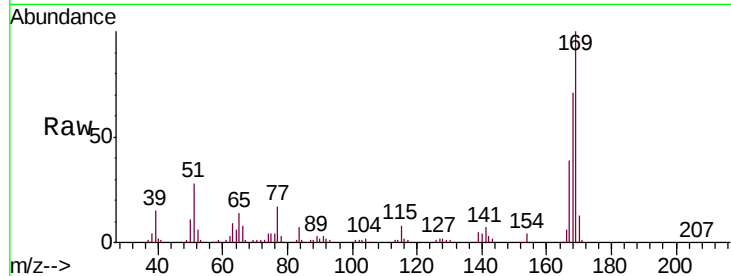




#65
 n-Nitrosodiphenylamine
 Concen: 50.860 ng
 RT: 16.02 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

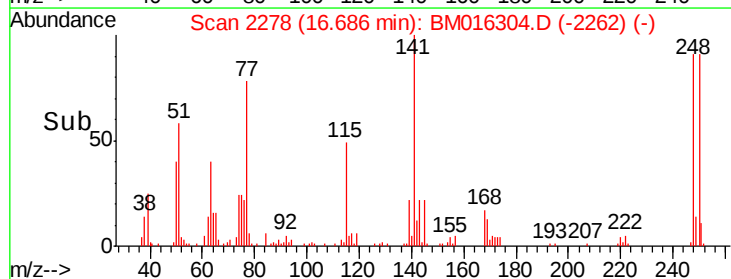
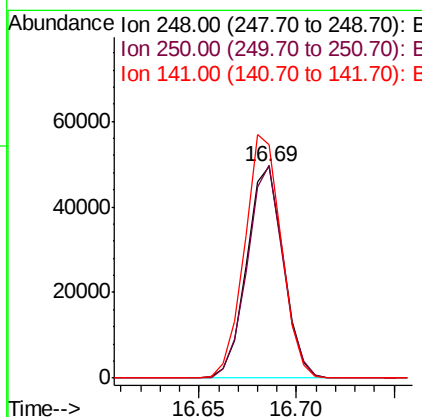
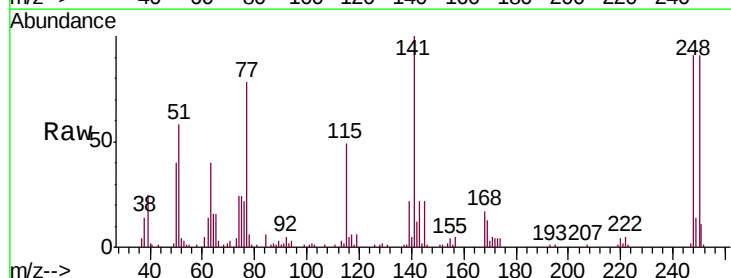
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

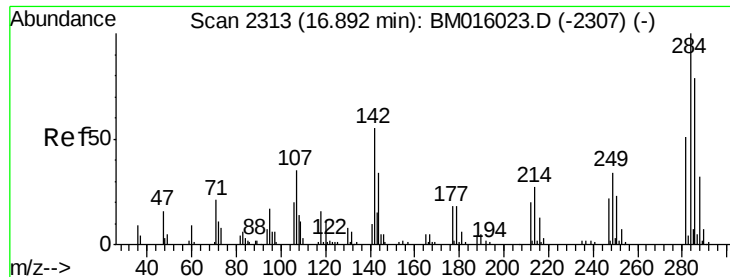
Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	53.9	80.9
167	38.7	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 51.067 ng
 RT: 16.69 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.5	77.4	116.0
141	110.4	45.2	67.8

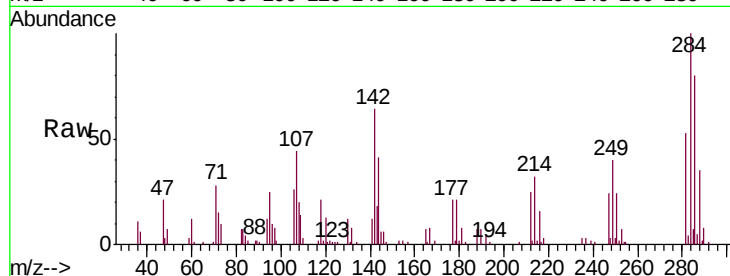




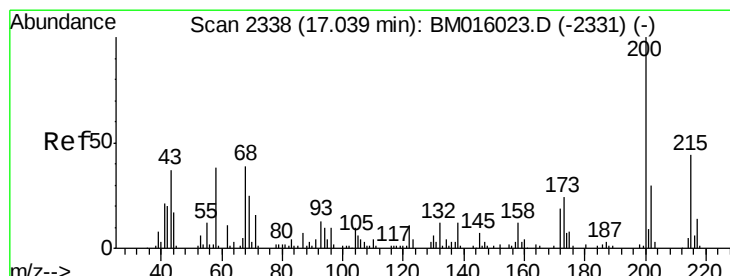
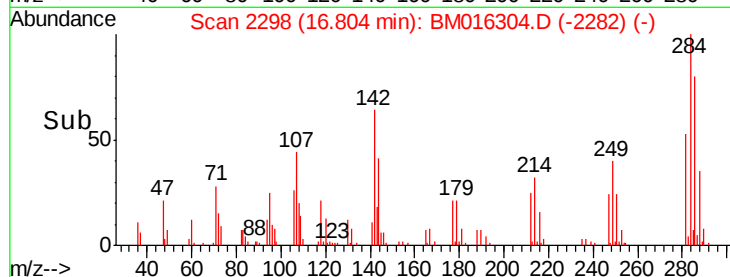
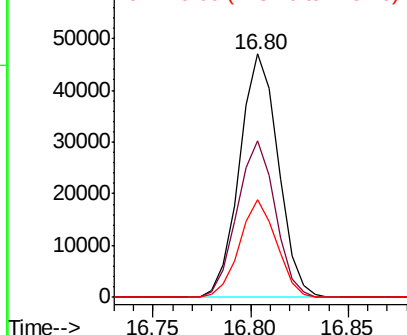
#67
Hexachlorobenzene
Concen: 46.494 ng
RT: 16.80 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

Tgt Ion: 284 Resp: 64648
Ion Ratio Lower Upper
284 100
142 64.4 20.4 30.6#
249 40.2 23.8 35.6#

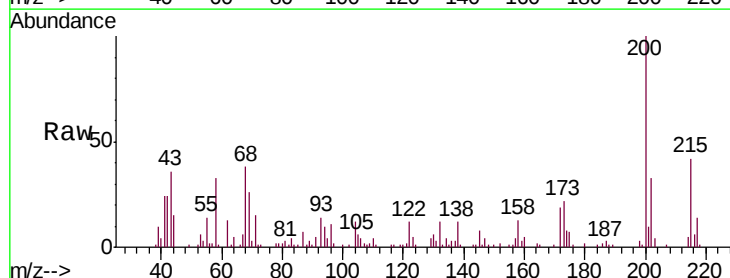


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

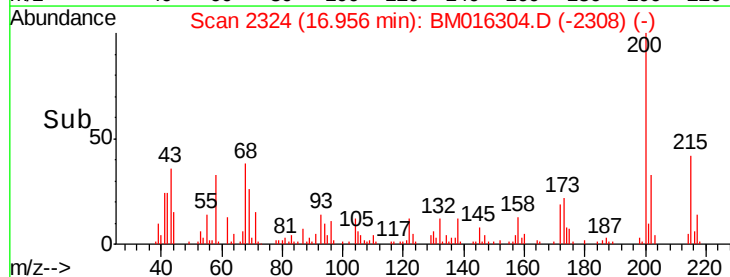
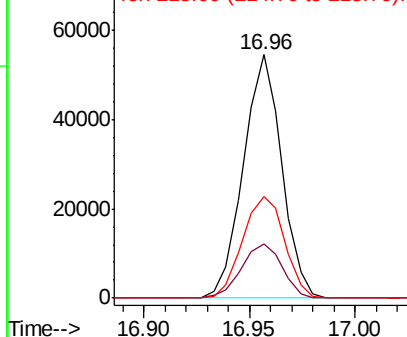


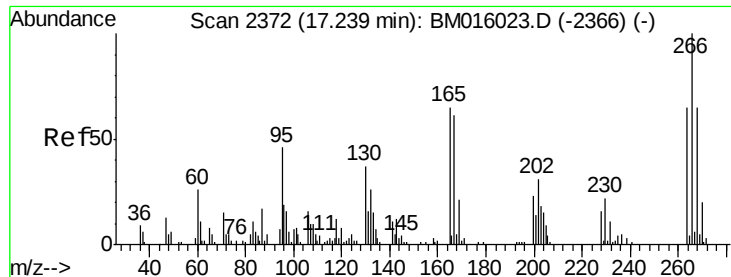
#68
Atrazine
Concen: 52.141 ng
RT: 16.96 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion: 200 Resp: 68616
Ion Ratio Lower Upper
200 100
173 22.0 4.8 44.8
215 41.8 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 72.511 ng

RT: 17.16 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

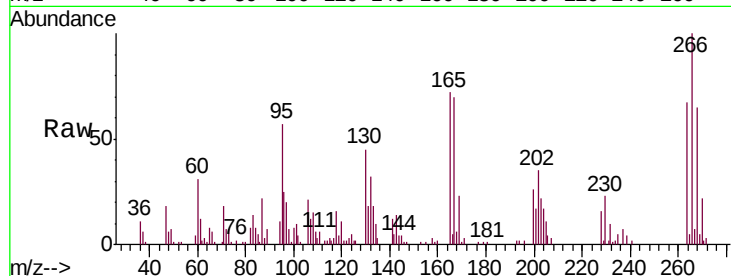
Tgt Ion:266 Resp: 62433

Ion Ratio Lower Upper

266 100

268 65.3 52.0 78.0

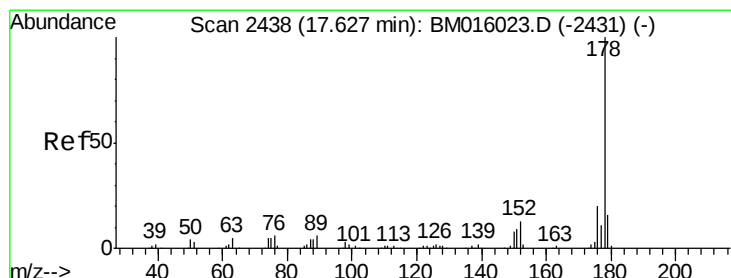
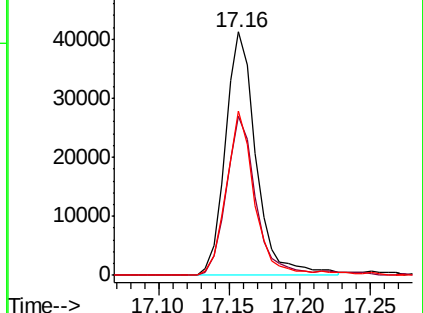
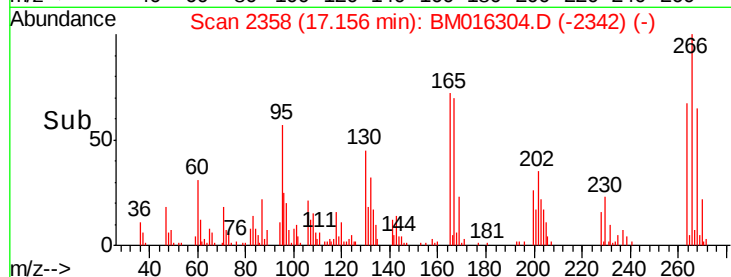
264 67.4 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 51.096 ng

RT: 17.54 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

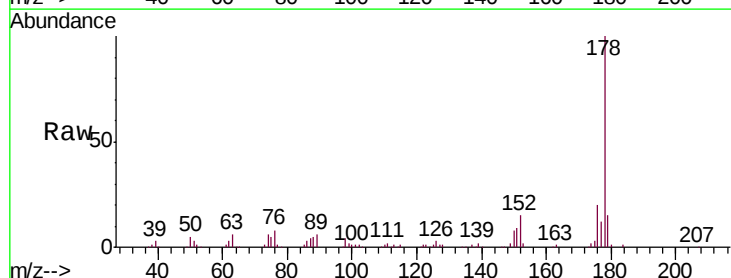
Tgt Ion:178 Resp: 318984

Ion Ratio Lower Upper

178 100

176 20.2 15.2 22.8

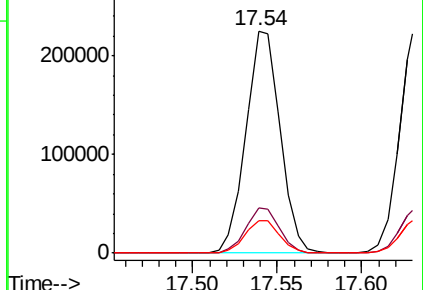
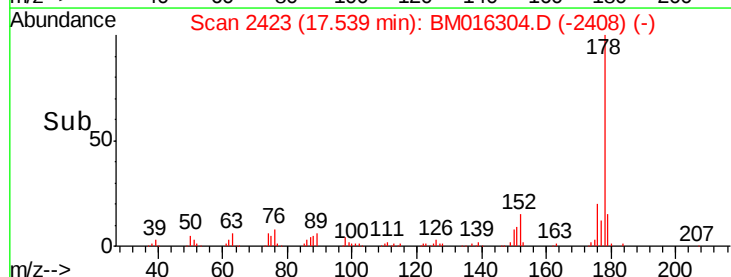
179 14.9 12.1 18.1

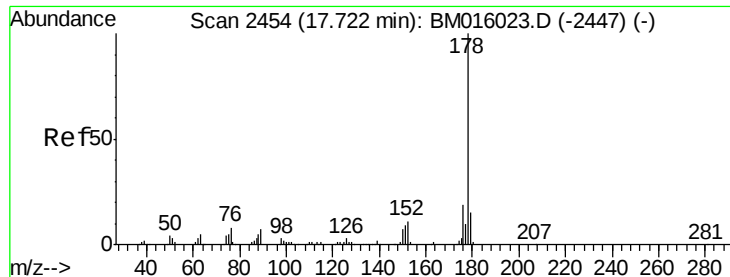


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

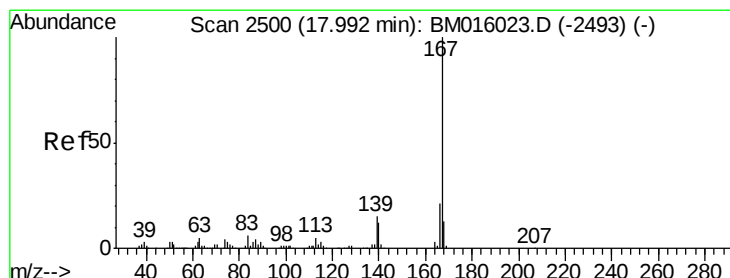
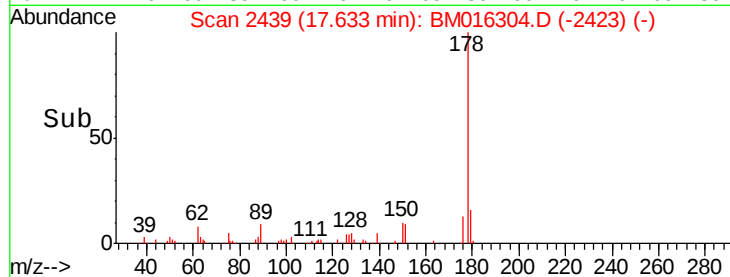
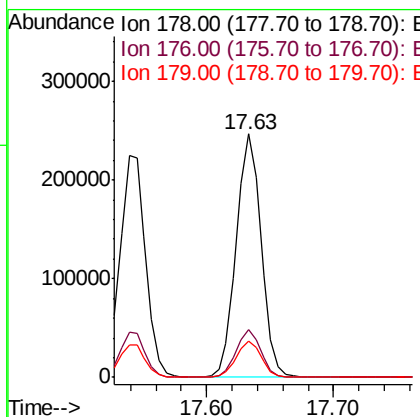
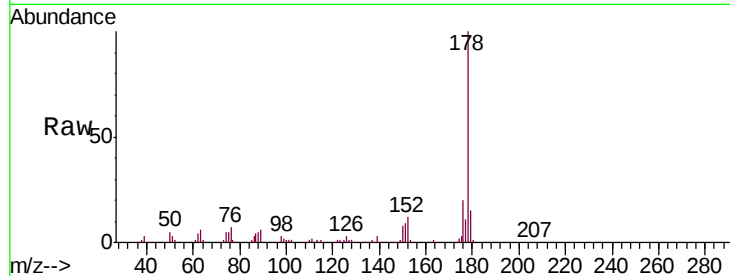




#71
 Anthracene
 Concen: 55.304 ng
 RT: 17.63 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

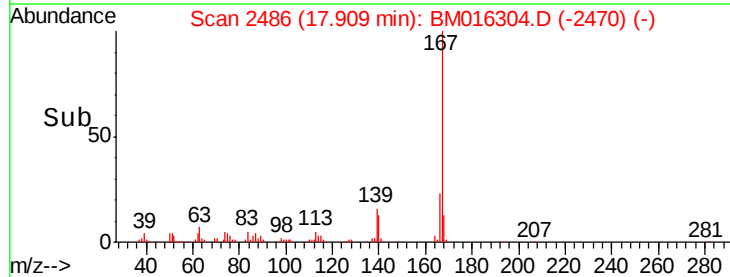
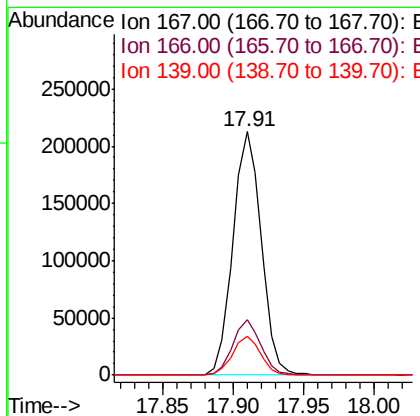
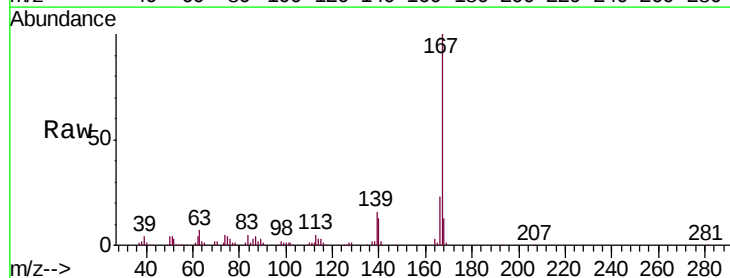
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

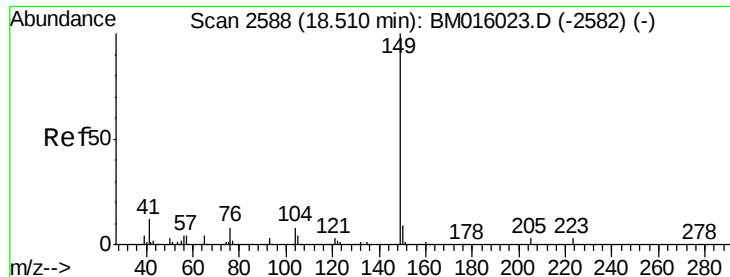
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	14.9	12.6	19.0



#72
 Carbazole
 Concen: 47.380 ng
 RT: 17.91 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.2	25.8
139	16.1	10.8	16.2

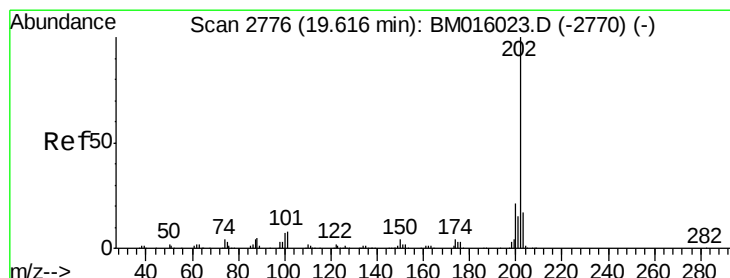
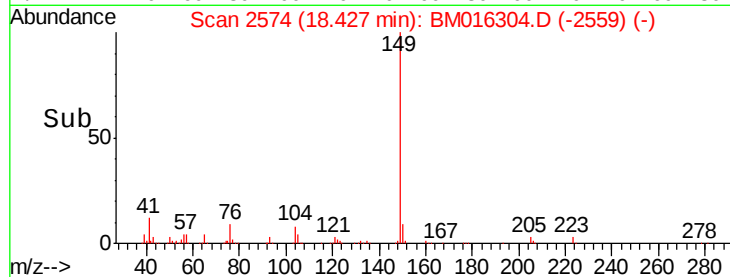
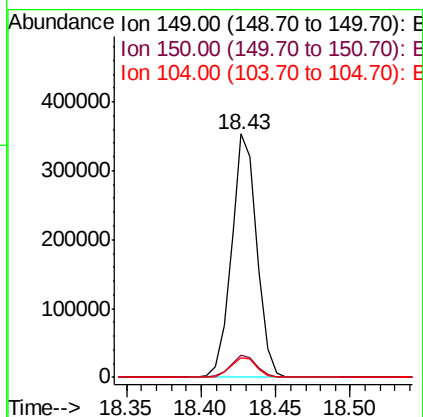
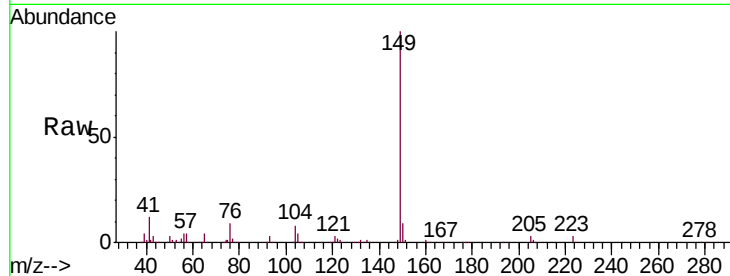




#73
Di-n-butylphthalate
Concen: 53.399 ng
RT: 18.43 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

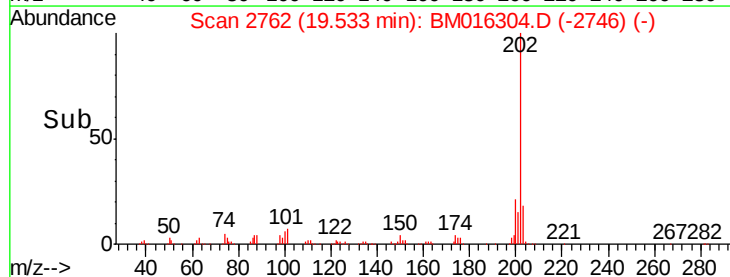
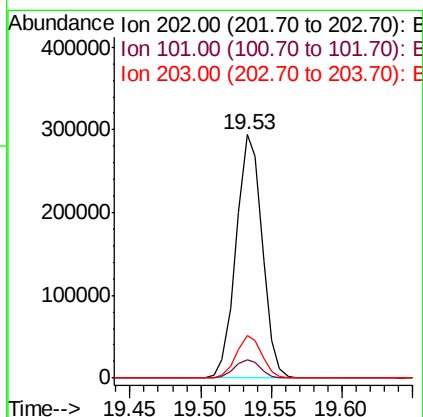
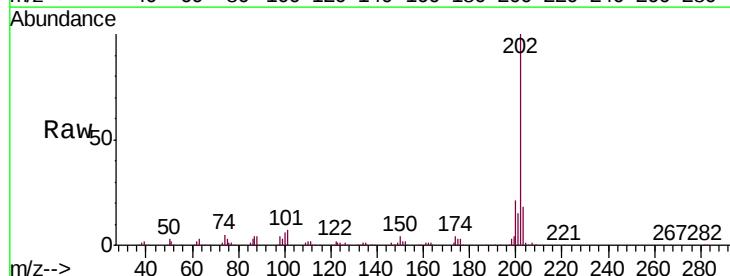
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

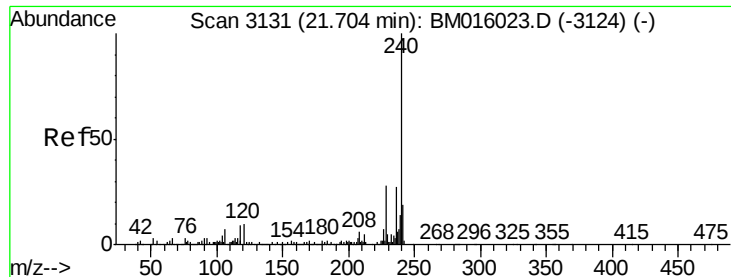
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	8.2	3.7	5.5



#74
Fluoranthene
Concen: 54.429 ng
RT: 19.53 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.7
203	17.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

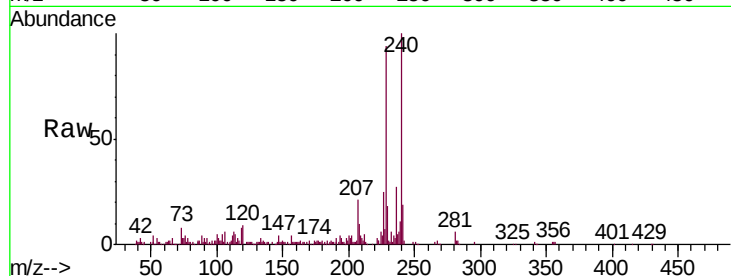
Tgt Ion:240 Resp: 134728

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

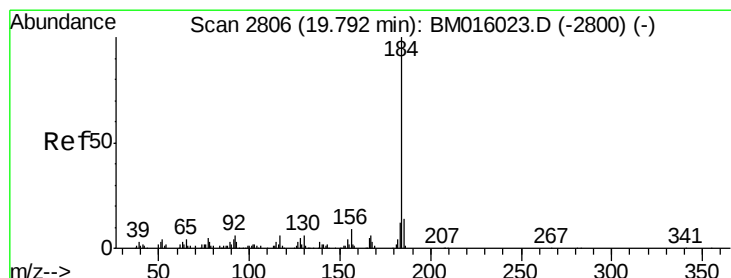
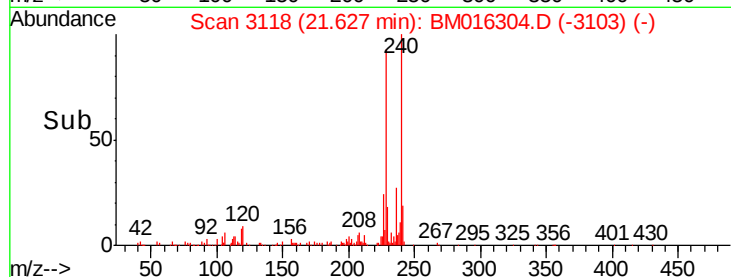
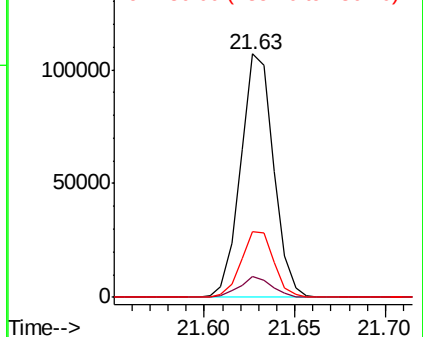
236 26.8 20.0 30.0



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



#76

Benzidine

Concen: 16.034 ng

RT: 19.72 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

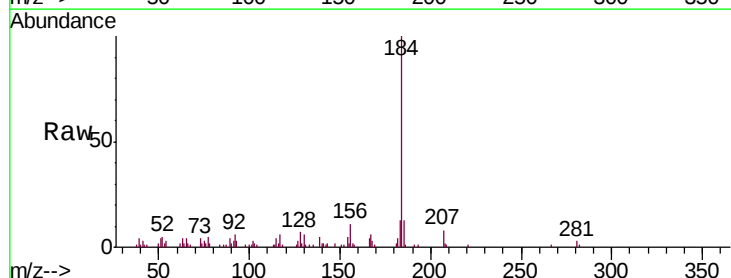
Tgt Ion:184 Resp: 60368

Ion Ratio Lower Upper

184 100

185 13.0 11.3 16.9

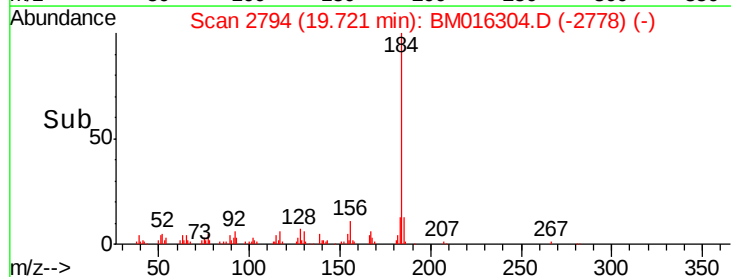
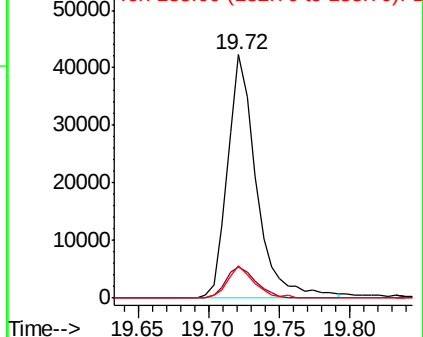
183 13.1 8.9 13.3

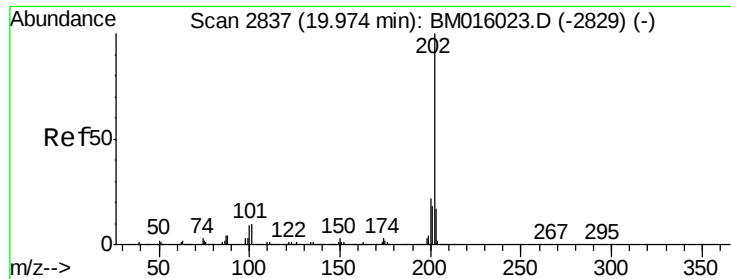


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

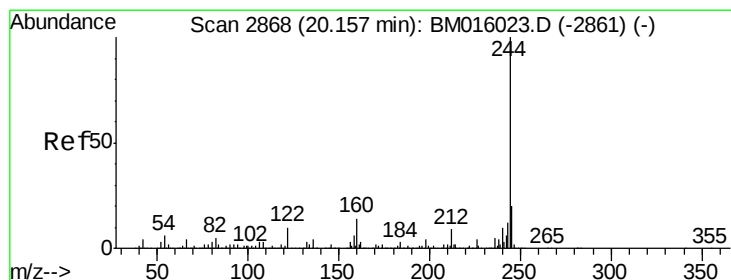
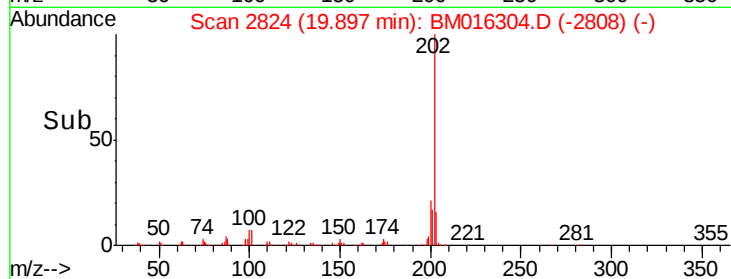
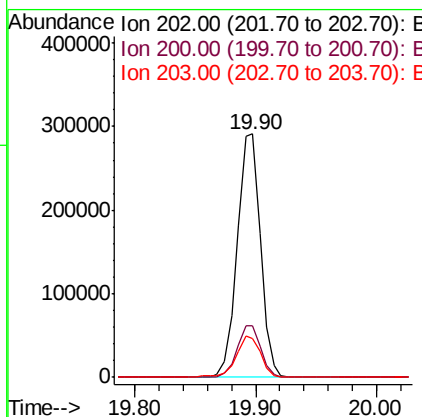
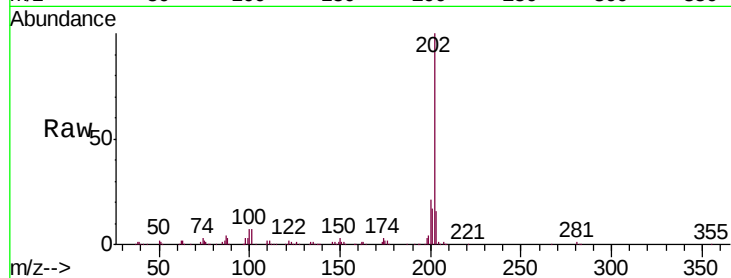




#77
 Pyrene
 Concen: 48.667 ng
 RT: 19.90 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

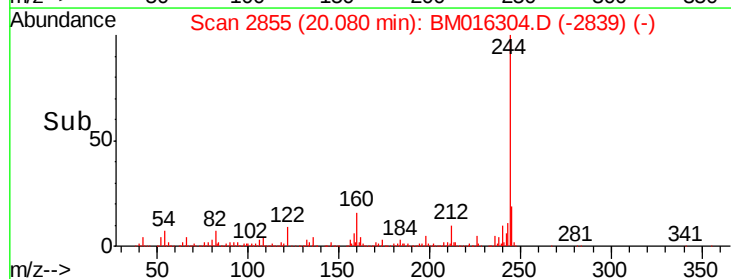
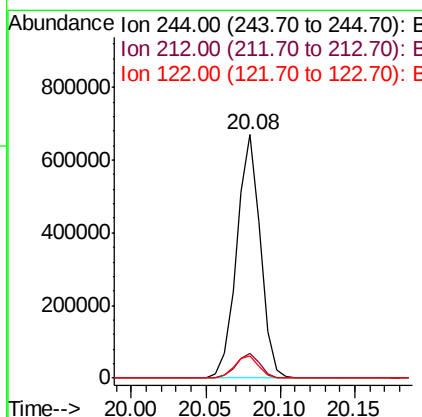
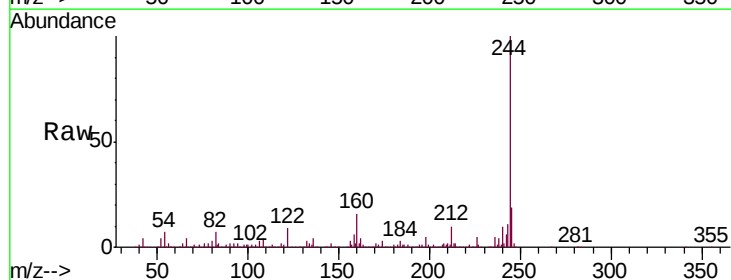
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

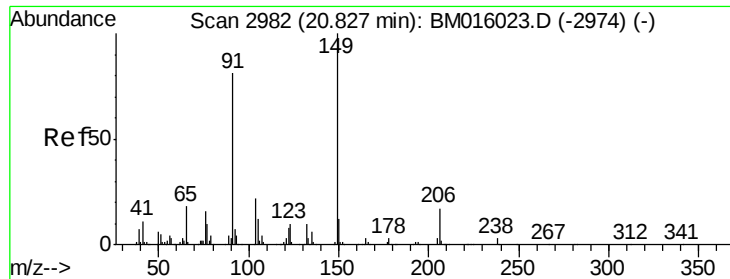
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	16.0	14.1	21.1



#78
 Terphenyl-d14
 Concen: 48.667 ng
 RT: 20.08 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	4.9	7.3#
122	9.1	6.2	9.4

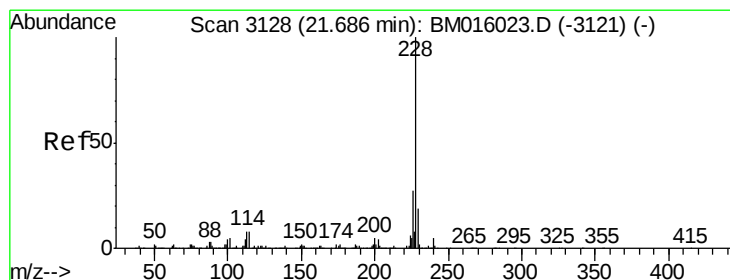
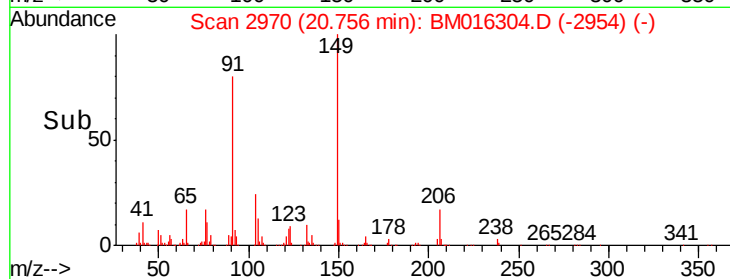
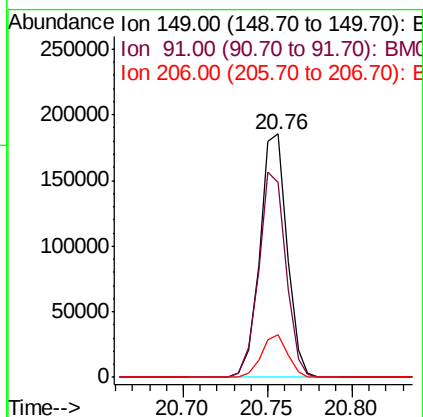
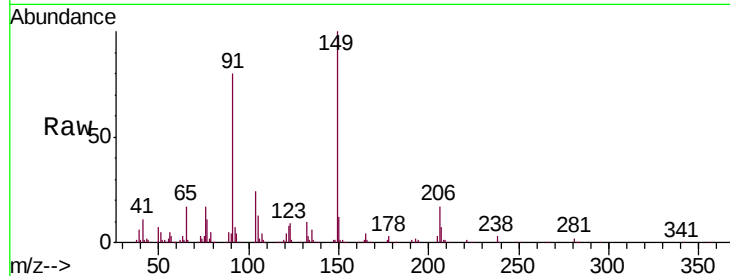




#79
Butylbenzylphthalate
Concen: 50.896 ng
RT: 20.76 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

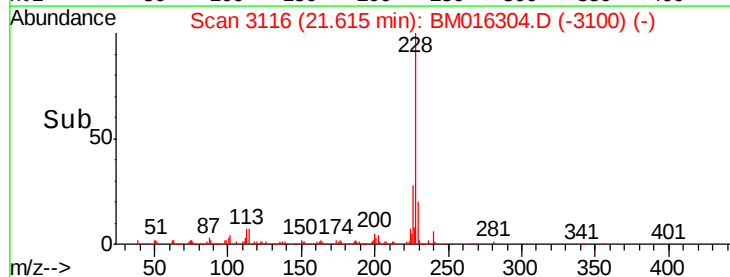
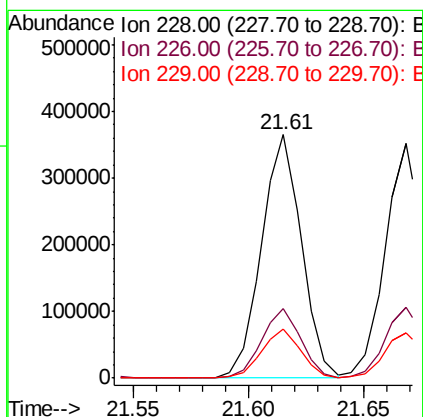
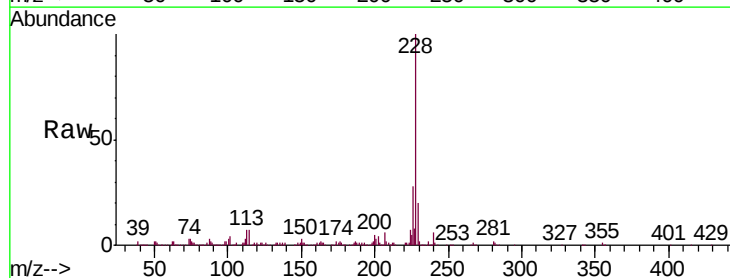
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-AMSD

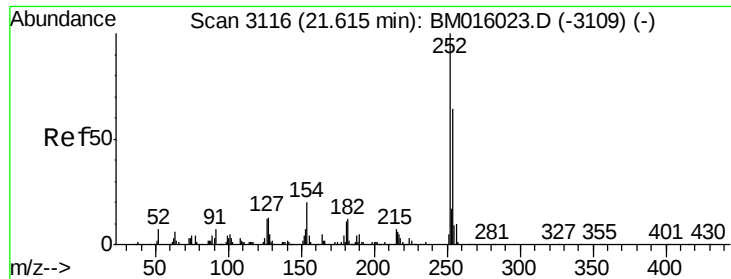
Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.8	50.1	75.1#
206	17.4	16.2	24.2



#80
Benzo(a)anthracene
Concen: 52.786 ng
RT: 21.61 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016304.D
Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.7	32.5
229	20.0	16.0	24.0

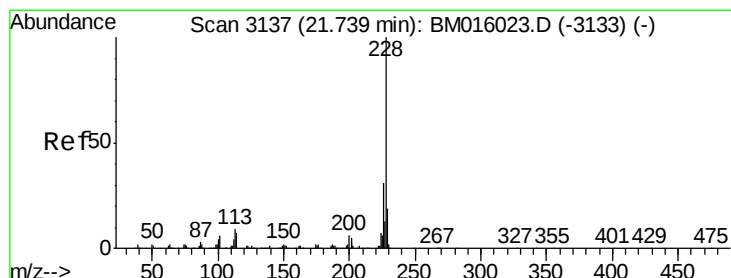
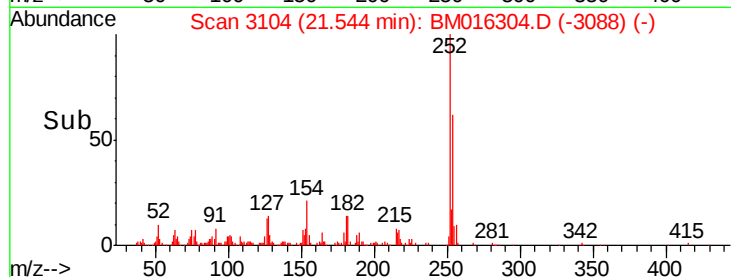
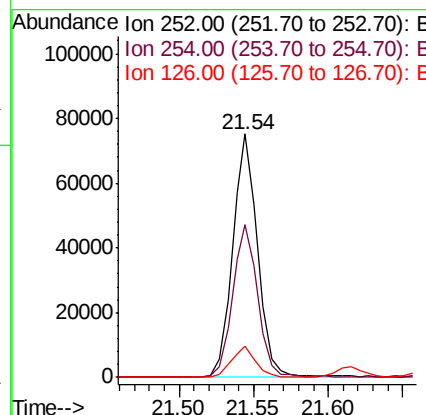
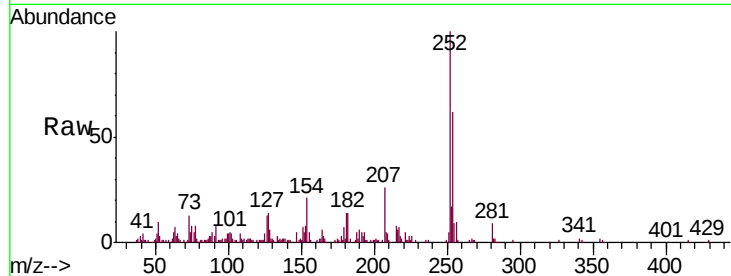




#81
 3,3'-Dichlorobenzidine
 Concen: 26.472 ng
 RT: 21.54 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

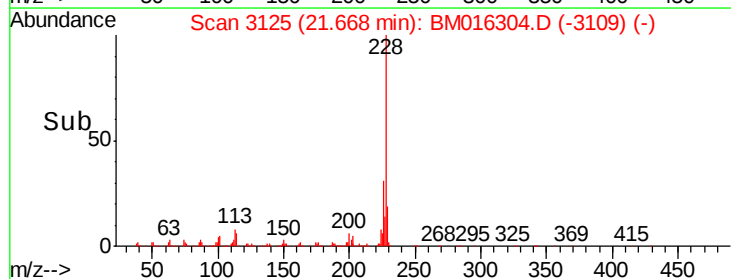
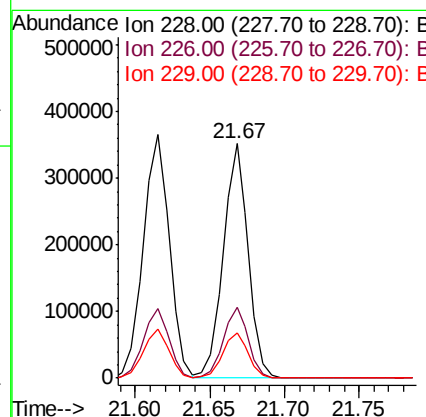
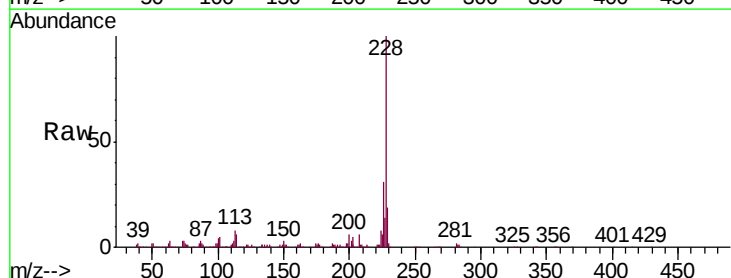
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

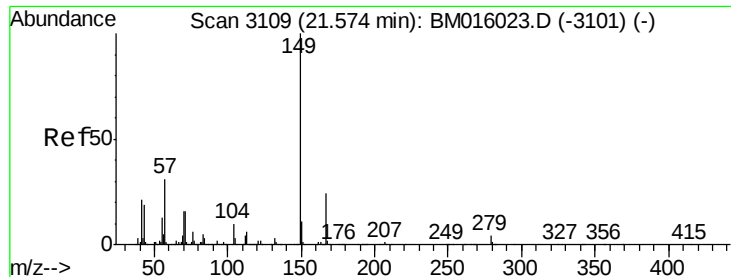
Tgt Ion:252 Resp: 88479
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.9 77.9
 126 12.9 9.8 14.8



#82
 Chrysene
 Concen: 51.341 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion:228 Resp: 408674
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.1 36.1
 229 19.2 15.5 23.3

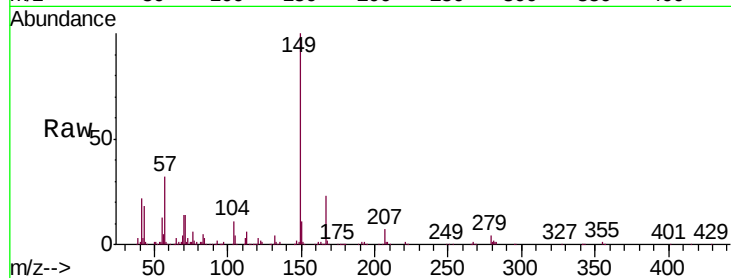




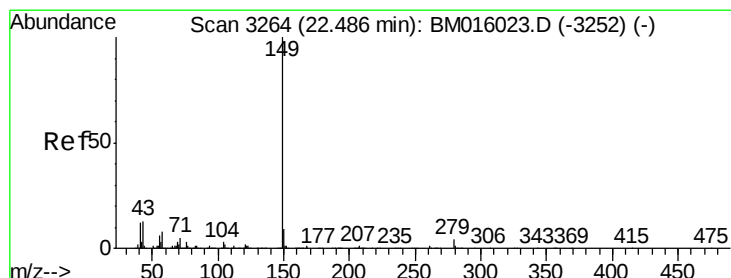
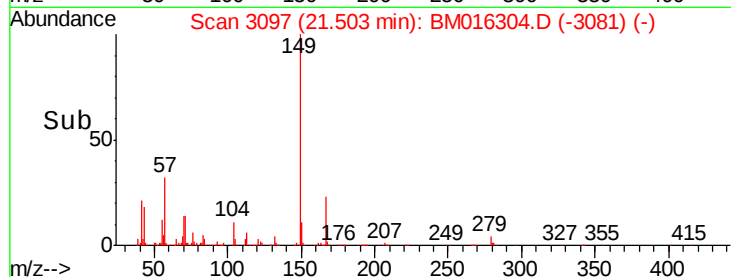
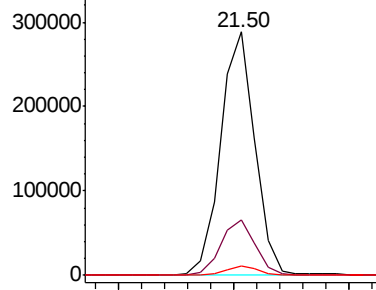
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.812 ng
 RT: 21.50 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

Tgt Ion:	149	Resp:	296093
Ion Ratio	Lower	Upper	
149	100		
167	22.9	22.4	33.6
279	3.6	3.4	5.0

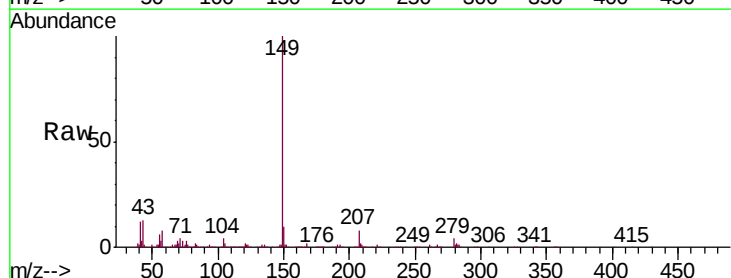


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

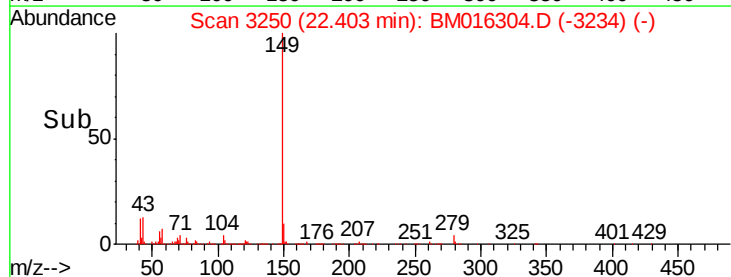
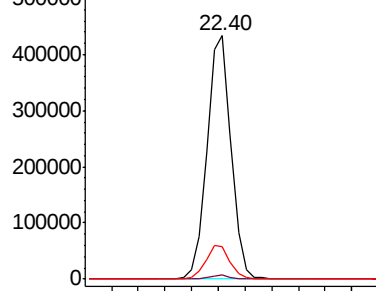


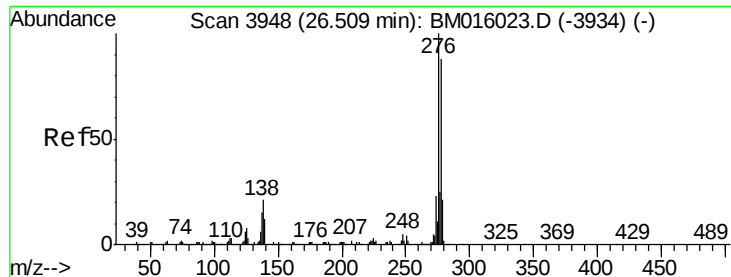
#84
 Di-n-octyl phthalate
 Concen: 53.539 ng
 RT: 22.40 min Scan# 3250
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion:	149	Resp:	534872
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	13.8	7.3	10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM

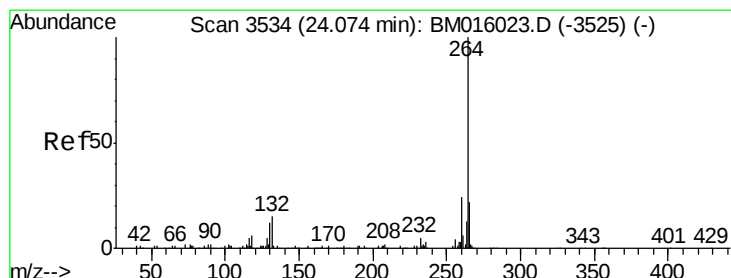
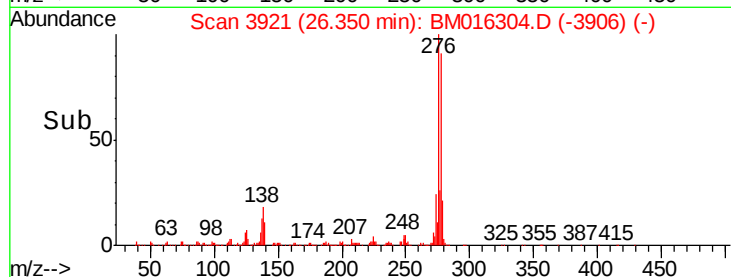
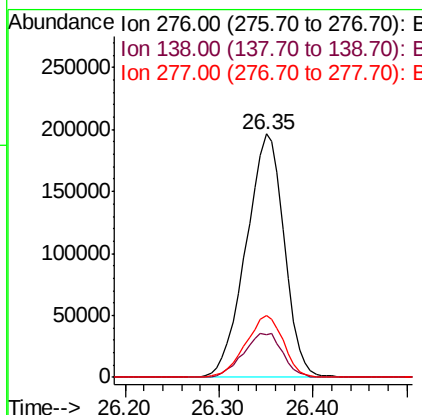
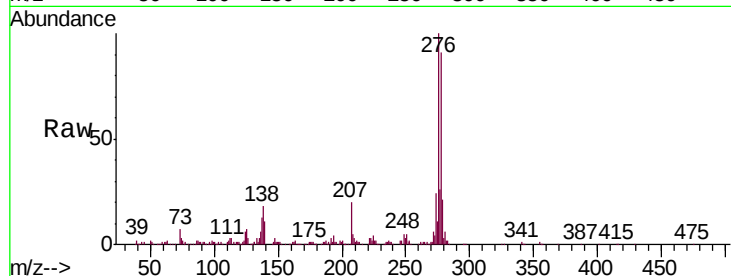




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.401 ng
 RT: 26.35 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

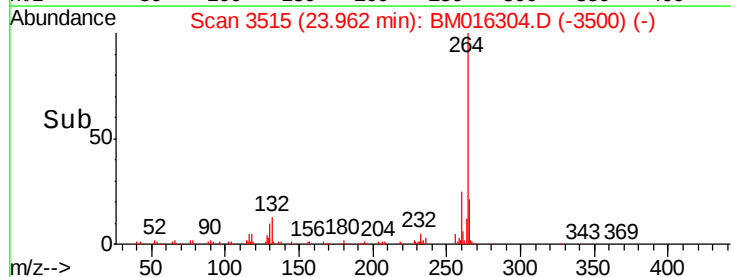
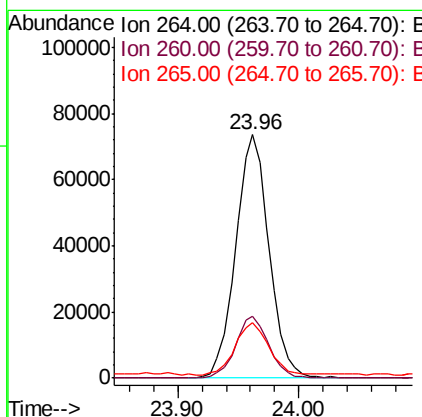
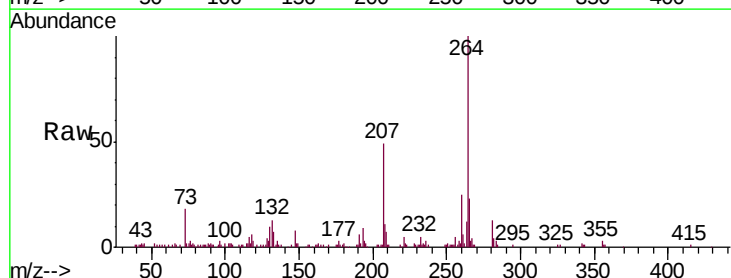
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-AMSD

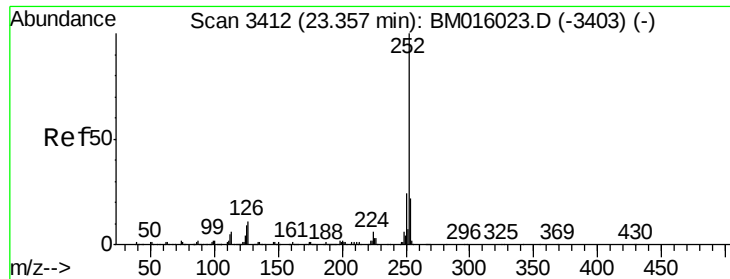
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	12.0	18.0#
277	25.0	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.96 min Scan# 3515
 Delta R.T. -0.01 min
 Lab File: BM016304.D
 Acq: 10 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	22.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 54.976 ng

RT: 23.26 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

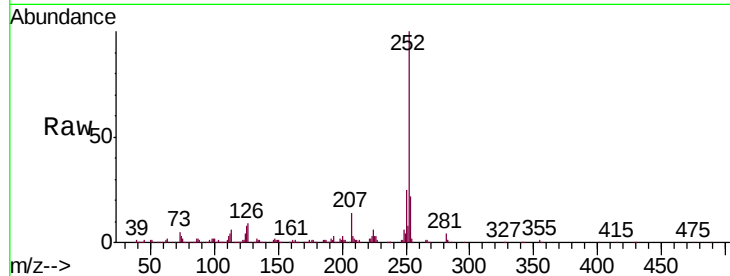
Instrument :

BNA_M

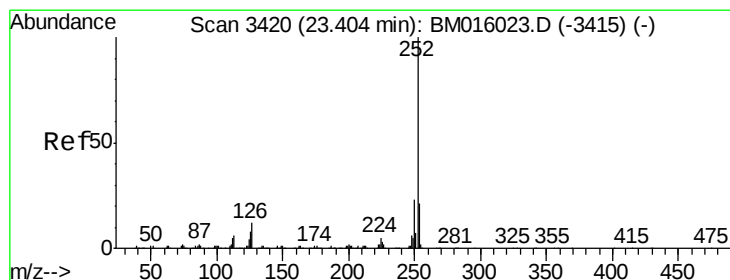
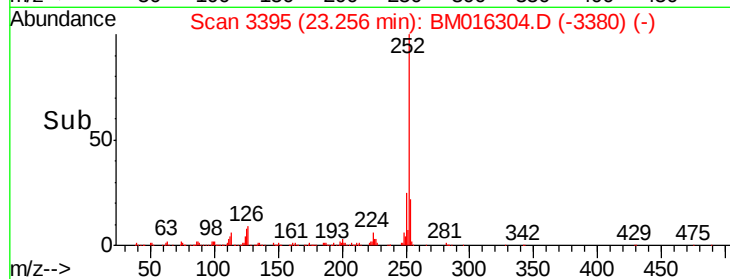
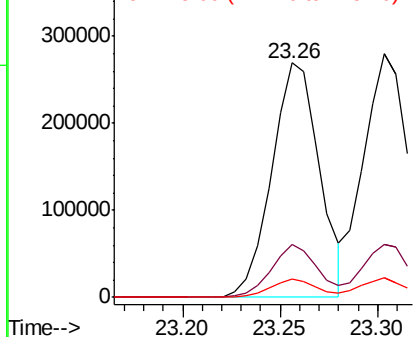
ClientSampleId :

HR-05-080818-AMSD

Tgt Ion:	252	Resp:	456547
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	7.7	9.9	14.9#



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



#88

Benzo(k)fluoranthene

Concen: 52.420 ng

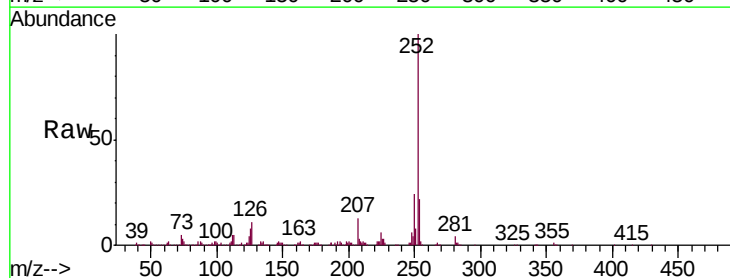
RT: 23.30 min Scan# 3403

Delta R.T. -0.01 min

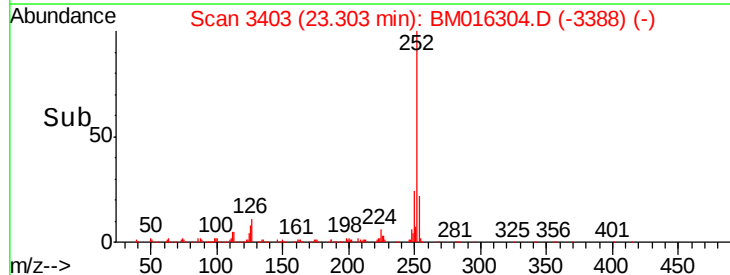
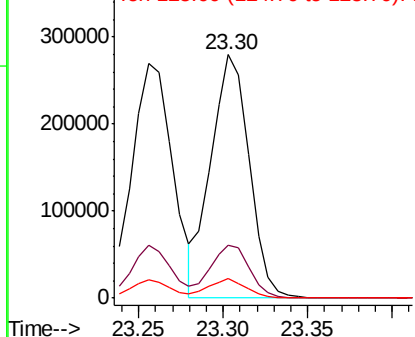
Lab File: BM016304.D

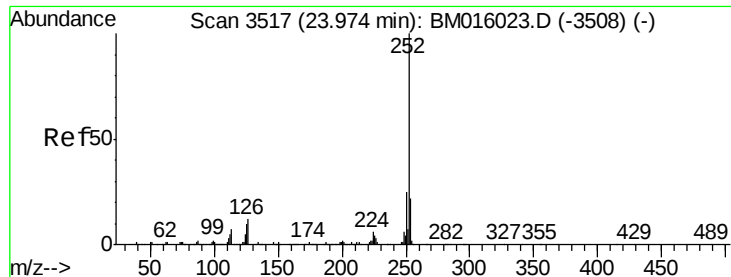
Acq: 10 Aug 2018 20:01

Tgt Ion:	252	Resp:	441169
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	7.9	8.1	12.1#



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(a)pyrene

Concen: 54.879 ng

RT: 23.86 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

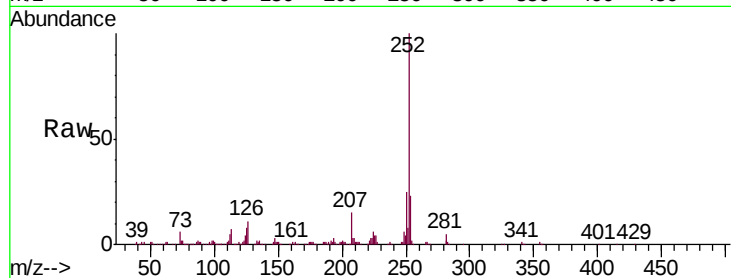
Tgt Ion:252 Resp: 438116

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 8.2 7.4 11.2

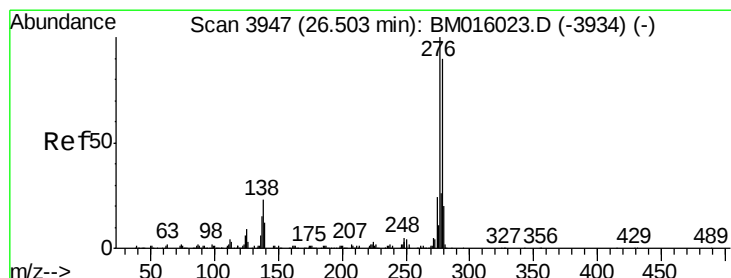
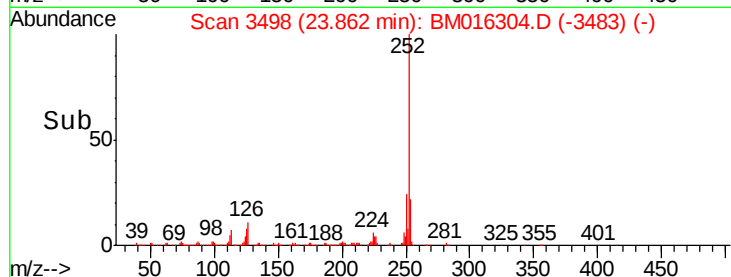
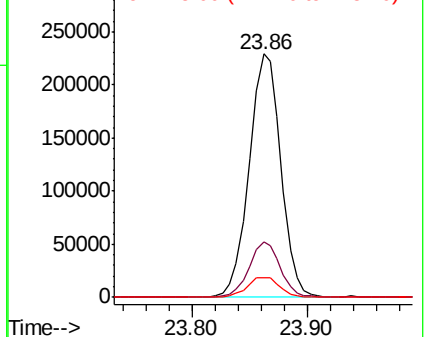


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 56.159 ng

RT: 26.35 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

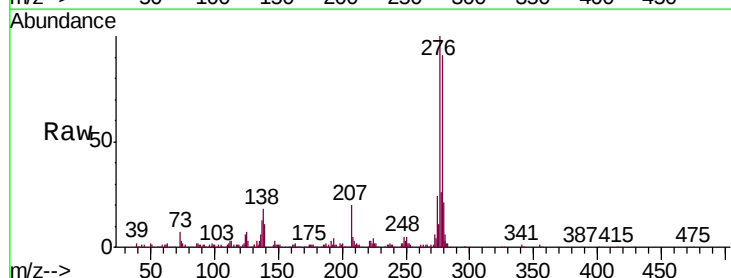
Tgt Ion:278 Resp: 464506

Ion Ratio Lower Upper

278 100

139 11.7 13.4 20.0#

279 22.6 19.0 28.4

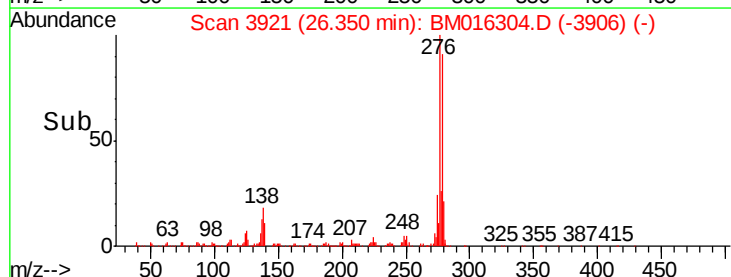
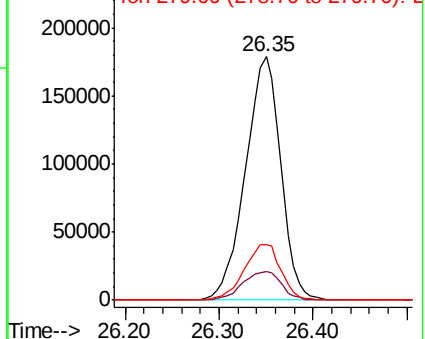


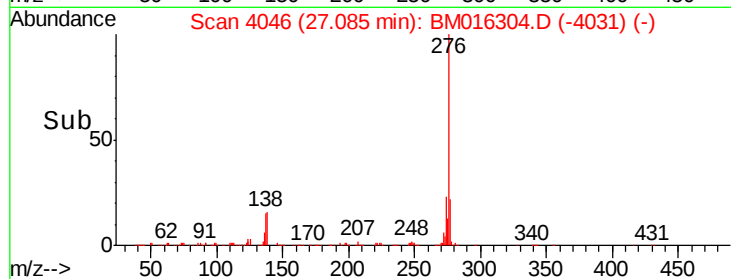
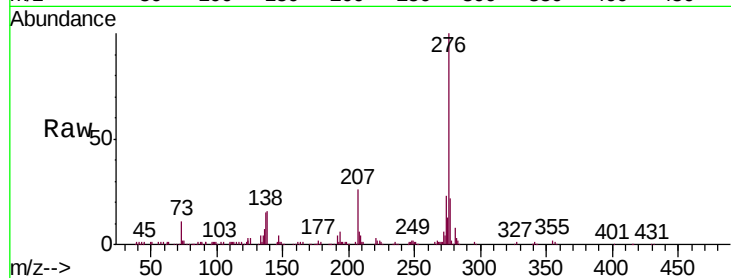
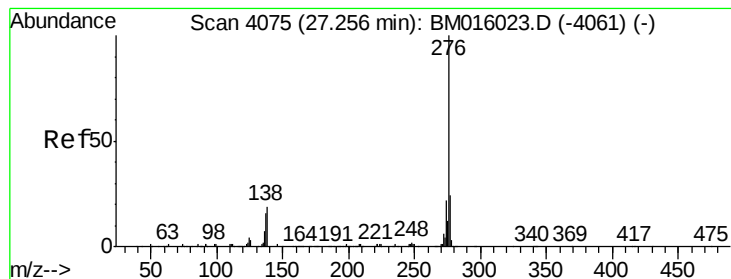
Abundance

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





#91

Benzo(g,h,i)perylene

Concen: 54.775 ng

RT: 27.09 min Scan# 4046

Delta R.T. -0.01 min

Lab File: BM016304.D

Acq: 10 Aug 2018 20:01

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-AMSD

Tgt Ion: 276 Resp: 428502

Ion Ratio Lower Upper

276 100

277 22.5 18.5 27.7

138 16.0 19.0 28.6#

