

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081518\
 Data File : BM016391.D
 Acq On : 15 Aug 2018 21:39
 Operator : SJ/JU
 Sample : PB112011BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Quant Time: Aug 16 01:31:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23836	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	91265	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	47542	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	94457	20.00	ng	0.00
75) Chrysene-d12	21.62	240	114104	20.00	ng	0.00
86) Perylene-d12	23.94	264	116611	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	130231	90.76	ng	0.00
7) Phenol-d6	7.28	99	147552	78.74	ng	0.00
23) Nitrobenzene-d5	9.30	82	163260	83.20	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	49452	82.01	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	340456	87.13	ng	-0.01
78) Terphenyl-d14	20.06	244	457589	83.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	28300	42.094	ng	# 100
3) Pyridine	3.87	79	59214	36.561	ng	# 67
4) n-Nitrosodimethylamine	3.79	42	71844	56.872	ng	# 27
6) Aniline	7.44	93	60964	28.255	ng	# 85
8) 2-Chlorophenol	7.67	128	67742	39.722	ng	# 97
9) Benzaldehyde	7.26	77	32344	24.566	ng	# 81
10) Phenol	7.31	94	68851	36.744	ng	# 86
11) bis(2-Chloroethyl)ether	7.53	93	53286	35.997	ng	# 85
12) 1,3-Dichlorobenzene	7.99	146	79261	39.705	ng	# 87
13) 1,4-Dichlorobenzene	8.15	146	79737	39.385	ng	# 92
14) 1,2-Dichlorobenzene	8.46	146	76893	38.815	ng	# 92
15) Benzyl Alcohol	8.37	79	58105	38.941	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.63	45	67560	29.820	ng	# 92
17) 2-Methylphenol	8.57	107	49451	38.611	ng	# 79
18) Hexachloroethane	9.17	117	39445	45.072	ng	# 94
19) n-Nitroso-di-n-propylamine	8.93	70	48240	35.220	ng	# 70
20) 3+4-Methylphenols	8.90	107	65742	35.677	ng	# 81
22) Acetophenone	8.96	105	100256	43.626	ng	# 77
24) Nitrobenzene	9.34	77	83698	42.376	ng	# 94
25) Isophorone	9.86	82	123841	46.140	ng	# 93
26) 2-Nitrophenol	10.05	139	33193	40.258	ng	# 34
27) 2,4-Dimethylphenol	10.10	122	54111	47.107	ng	# 75
28) bis(2-Chloroethoxy)methane	10.33	93	68175	39.080	ng	# 98
29) 2,4-Dichlorophenol	10.59	162	58309	42.718	ng	# 97
30) 1,2,4-Trichlorobenzene	10.79	180	71887	43.345	ng	# 97
31) Naphthalene	10.97	128	198845	43.049	ng	# 99
32) Benzoic acid	10.29	122	32931	37.607	ng	# 70
33) 4-Chloroaniline	11.10	127	47839	25.380	ng	# 83
34) Hexachlorobutadiene	11.23	225	58784	51.099	ng	# 98
35) Caprolactam	11.92	113	12863	34.024	ng	# 94
36) 4-Chloro-3-methylphenol	12.22	107	60964	40.607	ng	# 82
37) 2-Methylnaphthalene	12.57	142	141815	45.833	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	81320	50.242	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	66268	83.084	ng	# 98

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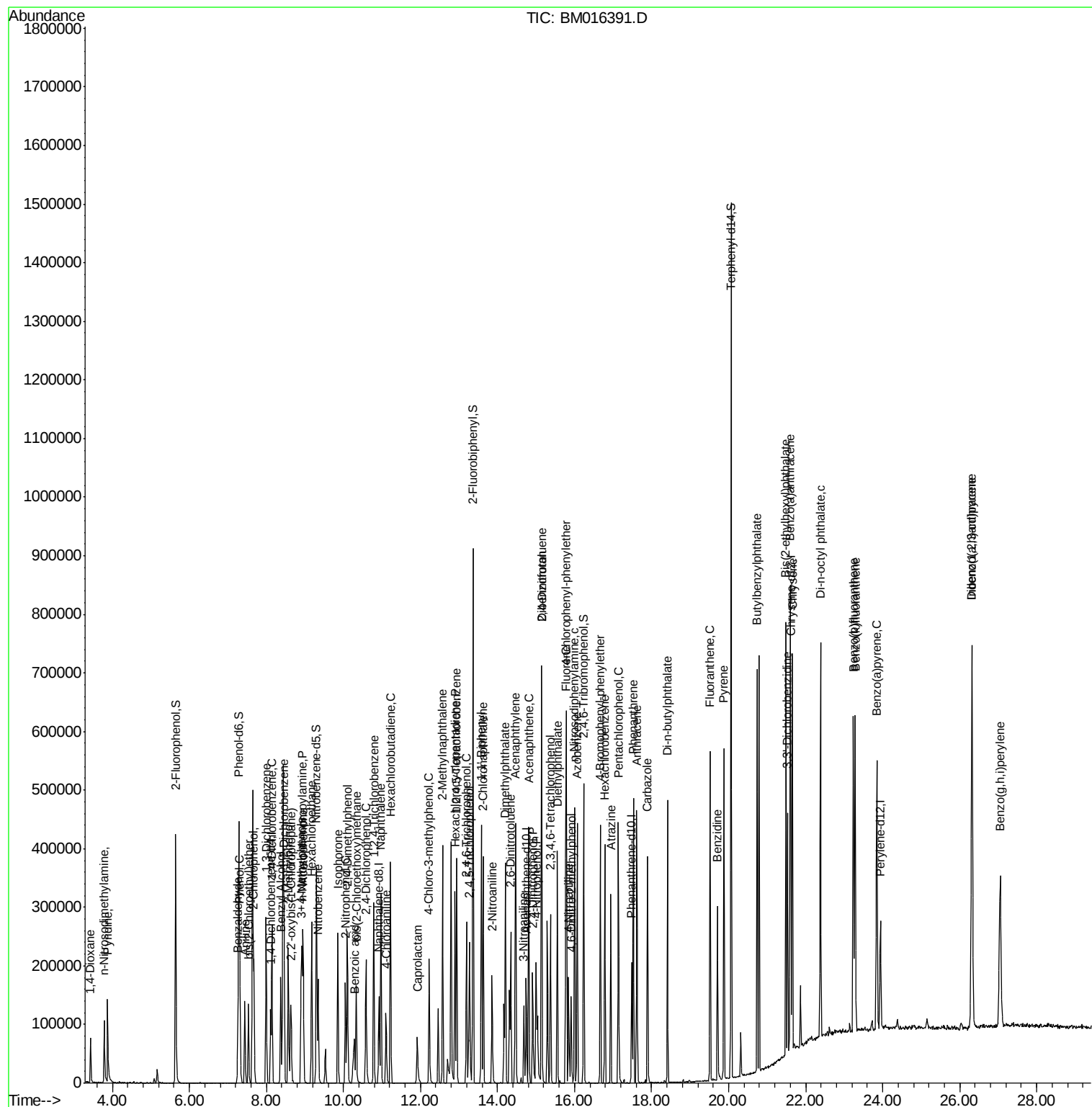
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	44619	44.061	ng	97
43) 2,4,5-Trichlorophenol	13.27	196	47907	45.864	ng	# 80
45) 1,1'-Biphenyl	13.58	154	177224	41.306	ng	98
46) 2-Chloronaphthalene	13.63	162	138632	41.543	ng	# 86
47) 2-Nitroaniline	13.86	65	43940	39.827	ng	# 77
48) Acenaphthylene	14.47	152	214698	43.948	ng	99
49) Dimethylphthalate	14.20	163	174166	41.860	ng	100
50) 2,6-Dinitrotoluene	14.34	165	33905	40.501	ng	# 42
51) Acenaphthene	14.81	154	122402	40.739	ng	95
52) 3-Nitroaniline	14.69	138	24025	26.570	ng	# 74
53) 2,4-Dinitrophenol	14.91	184	32055	88.472	ng	# 55
54) Dibenzofuran	15.14	168	202822	40.965	ng	# 74
55) 4-Nitrophenol	15.00	139	42043	64.862	ng	# 86
56) 2,4-Dinitrotoluene	15.14	165	49083	41.005	ng	# 61
57) Fluorene	15.79	166	158325	43.032	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	41475	46.195	ng	# 100
59) Diethylphthalate	15.55	149	184474	41.135	ng	# 93
60) 4-Chlorophenyl-phenylether	15.77	204	86625	42.294	ng	# 83
61) 4-Nitroaniline	15.84	138	29277	33.747	ng	# 1
62) Azobenzene	16.07	77	215814	45.695	ng	# 70
64) 4,6-Dinitro-2-methylphenol	15.91	198	24330	42.437	ng	# 83
65) n-Nitrosodiphenylamine	16.00	169	132833	42.707	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	49755	46.518	ng	# 72
67) Hexachlorobenzene	16.79	284	48237	40.953	ng	# 49
68) Atrazine	16.94	200	51133	45.869	ng	99
69) Pentachlorophenol	17.14	266	48413	66.377	ng	96
70) Phenanthrene	17.53	178	230465	43.580	ng	98
71) Anthracene	17.62	178	236264	45.969	ng	99
72) Carbazole	17.89	167	200408	37.639	ng	# 95
73) Di-n-butylphthalate	18.42	149	287412	43.319	ng	# 95
74) Fluoranthene	19.52	202	270027	45.776	ng	97
76) Benzidine	19.71	184	139890	43.872	ng	99
77) Pyrene	19.88	202	272996	39.924	ng	98
79) Butylbenzylphthalate	20.74	149	143825	41.404	ng	# 71
80) Benzo(a)anthracene	21.60	228	315054	44.830	ng	99
81) 3,3'-Dichlorobenzidine	21.53	252	85421	30.177	ng	98
82) Chrysene	21.66	228	293168	43.487	ng	99
83) Bis(2-ethylhexyl)phthalate	21.49	149	213987	42.506	ng	# 91
84) Di-n-octyl phthalate	22.39	149	379276	44.826	ng	# 87
85) Indeno(1,2,3-cd)pyrene	26.32	276	386549	48.320	ng	99
87) Benzo(b)fluoranthene	23.24	252	314971	45.875	ng	# 93
88) Benzo(k)fluoranthene	23.29	252	312012	44.841	ng	# 97
89) Benzo(a)pyrene	23.84	252	309026	46.820	ng	# 97
90) Dibenzo(a,h)anthracene	26.32	278	325296	47.569	ng	# 94
91) Benzo(g,h,i)perylene	27.05	276	302813	46.819	ng	# 89

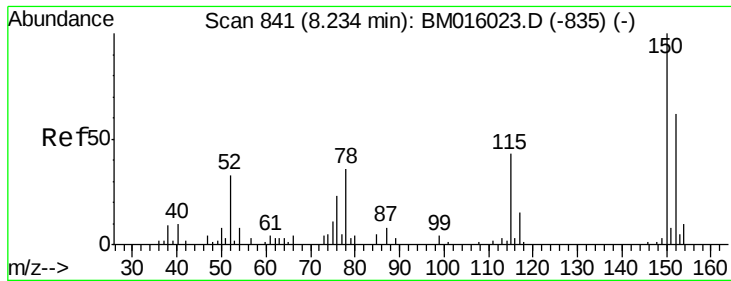
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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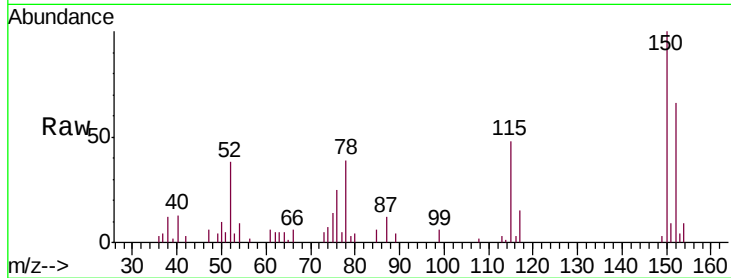




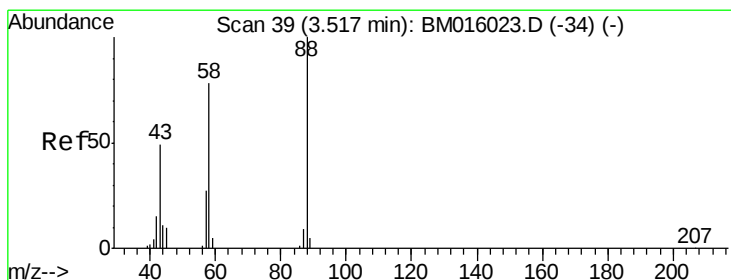
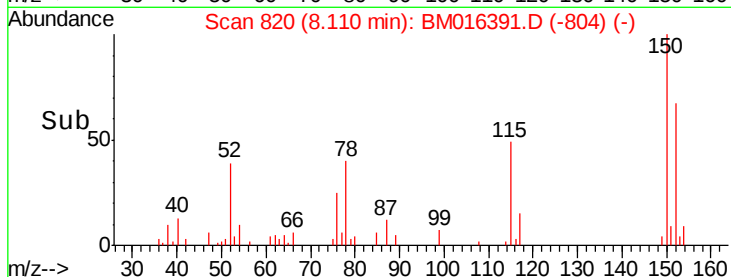
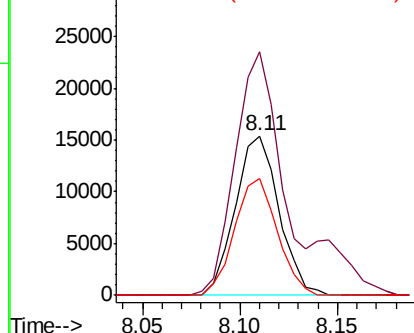
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:152 Resp: 23836
 Ion Ratio Lower Upper
 152 100
 150 152.6 119.5 179.3
 115 73.5 43.0 64.4#

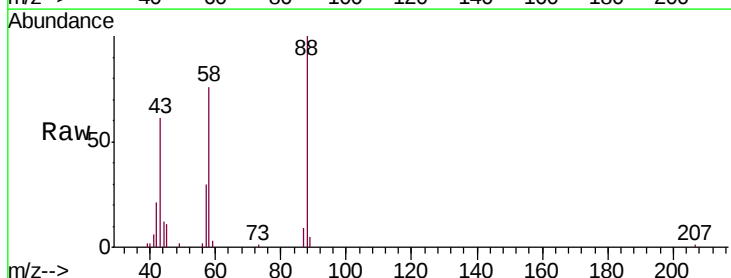


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

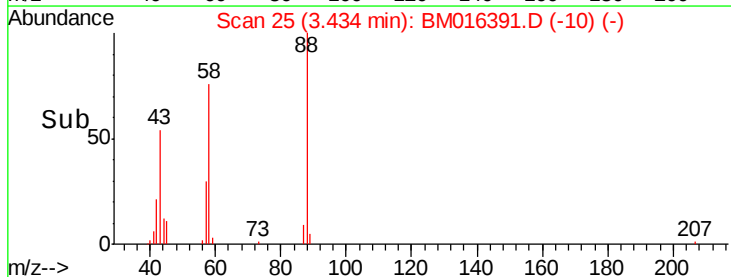
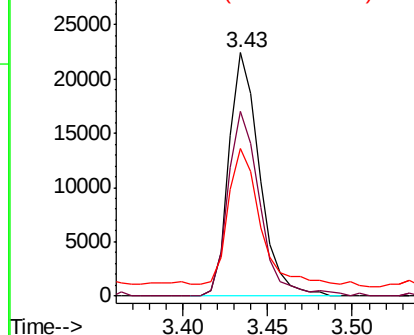


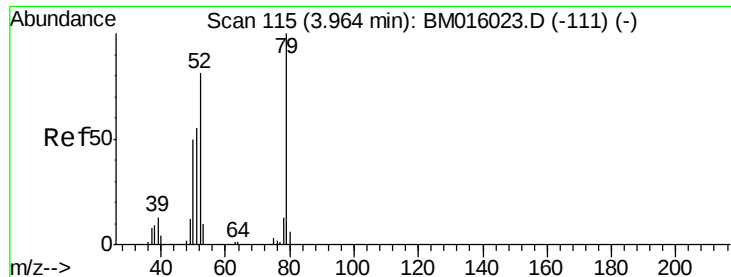
#2
 1,4-Dioxane
 Concen: 42.094 ng
 RT: 3.43 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion: 88 Resp: 28300
 Ion Ratio Lower Upper
 88 100
 58 79.7 0.0 0.0#
 43 61.6 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: 36.561 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.02 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

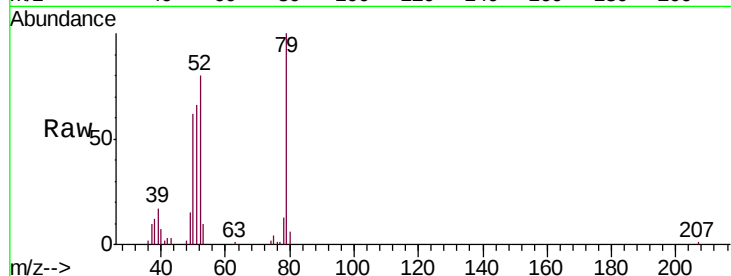
Tgt Ion: 79 Resp: 59214

Ion Ratio Lower Upper

79 100

52 79.7 51.1 76.7#

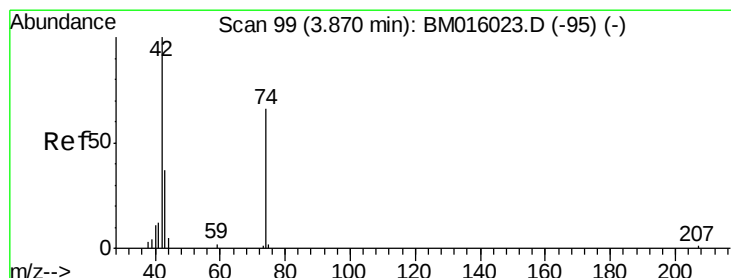
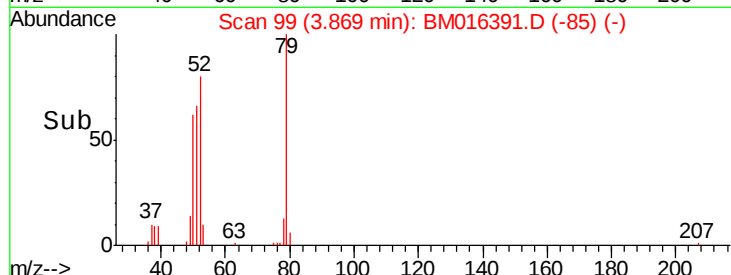
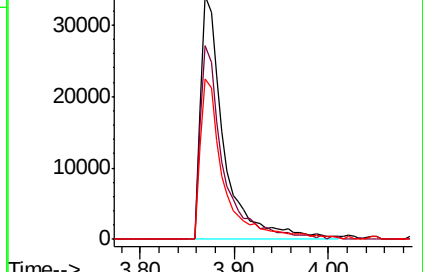
51 66.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016391.D (-95) (-)

Ion 52.00 (51.70 to 52.70): BM016391.D (-95) (-)

Ion 51.00 (50.70 to 51.70): BM016391.D (-95) (-)



#4

n-Nitrosodimethylamine

Concen: 56.872 ng

RT: 3.79 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

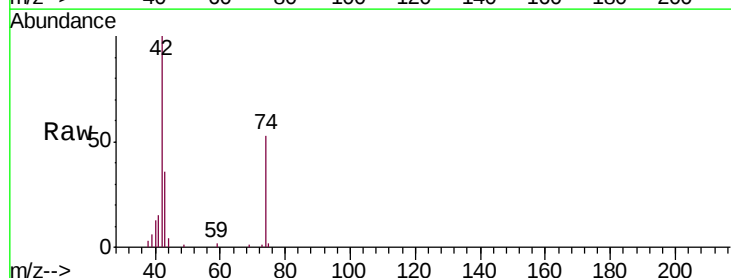
Tgt Ion: 42 Resp: 71844

Ion Ratio Lower Upper

42 100

74 52.5 119.3 178.9#

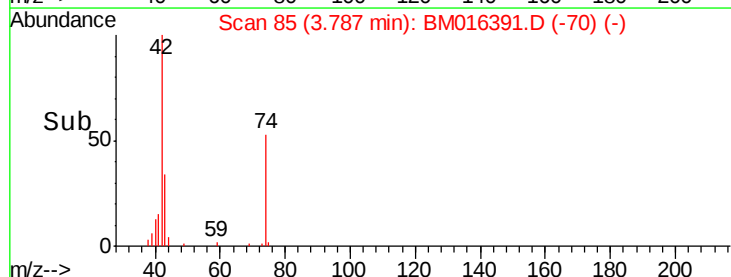
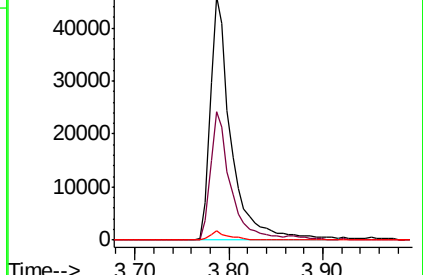
44 3.9 5.4 8.2#

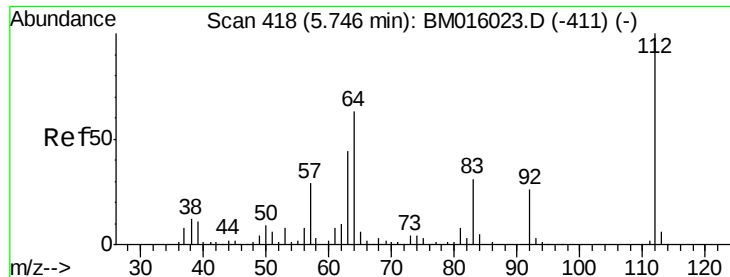


Abundance Ion 42.00 (41.70 to 42.70): BM016391.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM016391.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM016391.D (-70) (-)





#5

2-Fluorophenol

Concen: 56.872 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

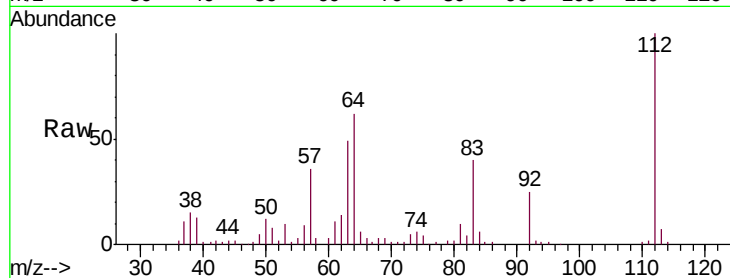
Instrument :

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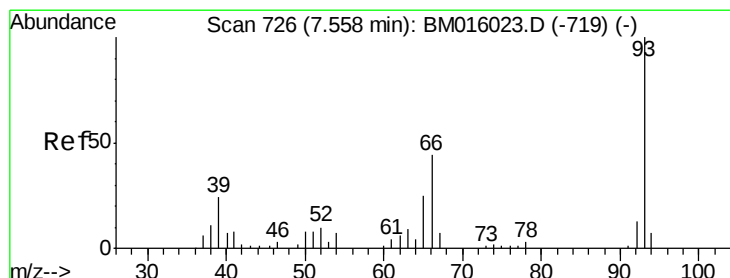
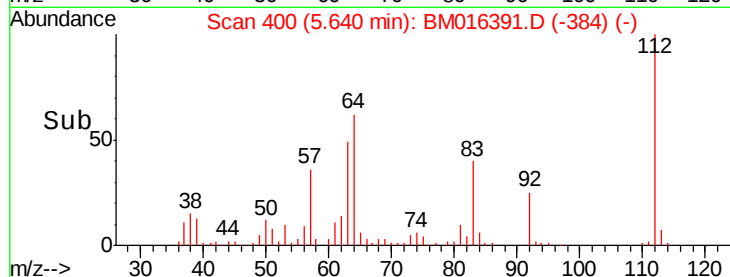
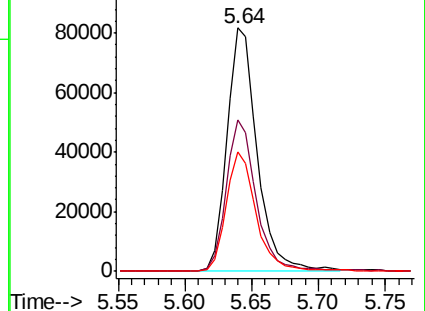
Tgt Ion:	112	Resp:	130231
Ion	Ratio	Lower	Upper
112	100		
64	62.1	38.6	57.8#
63	49.1	19.3	28.9#



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: 28.255 ng

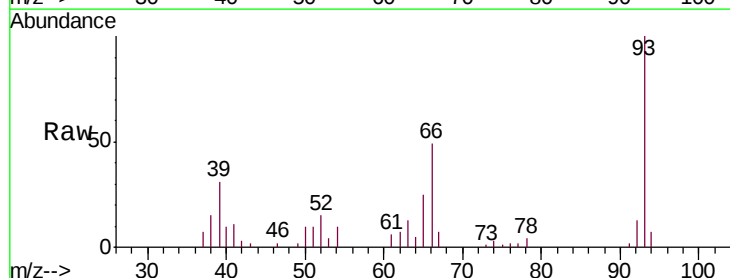
RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

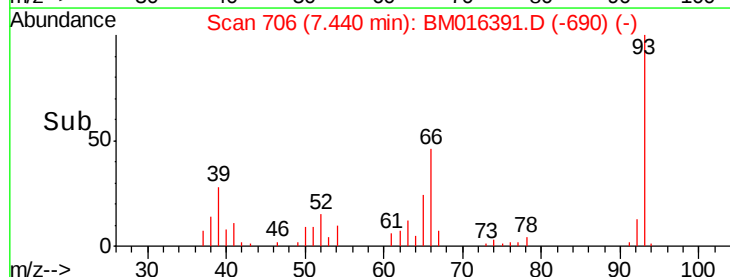
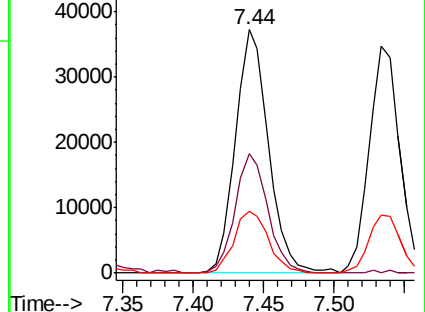
Tgt Ion:	93	Resp:	60964
Ion	Ratio	Lower	Upper
93	100		
66	48.8	30.8	46.2#
65	25.3	16.0	24.0#

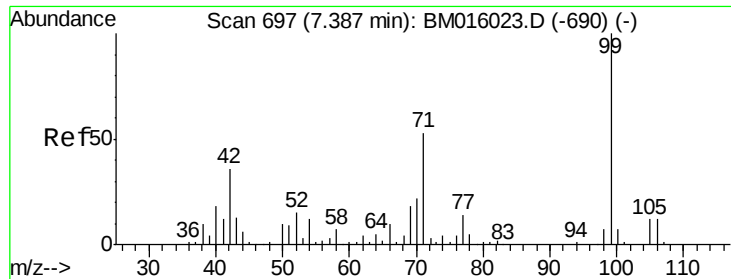


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 28.255 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

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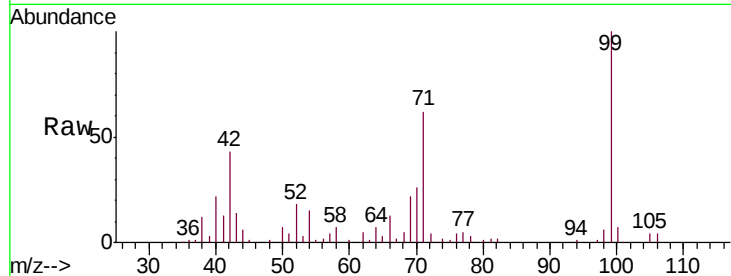
Tgt Ion: 99 Resp: 147552

Ion Ratio Lower Upper

99 100

42 42.6 11.0 16.4#

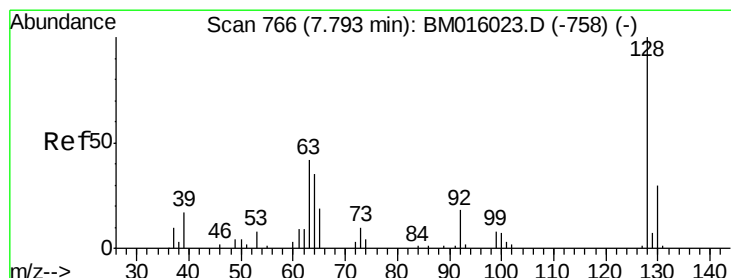
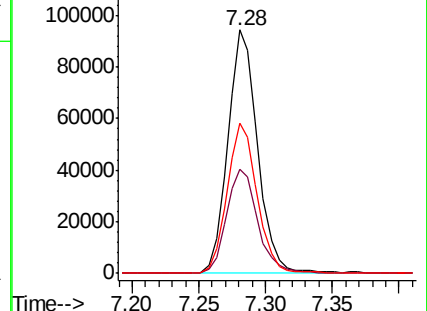
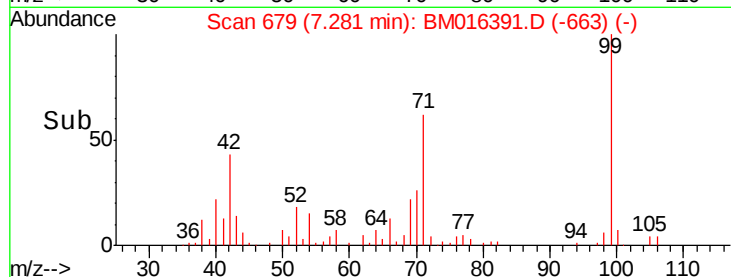
71 61.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016391.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016391.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016391.D (-663) (-)



#8

2-Chlorophenol

Concen: 39.722 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

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Acq: 15 Aug 2018 21:39

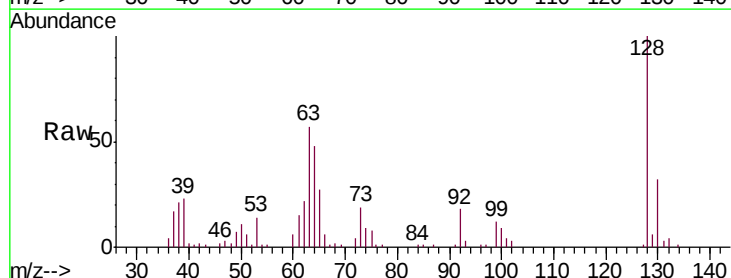
Tgt Ion: 128 Resp: 67742

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

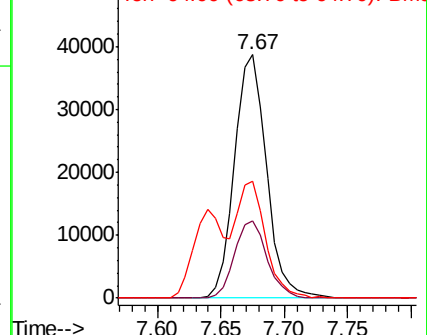
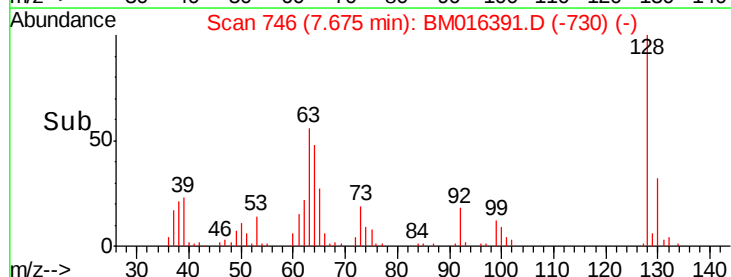
64 47.9 24.9 64.9

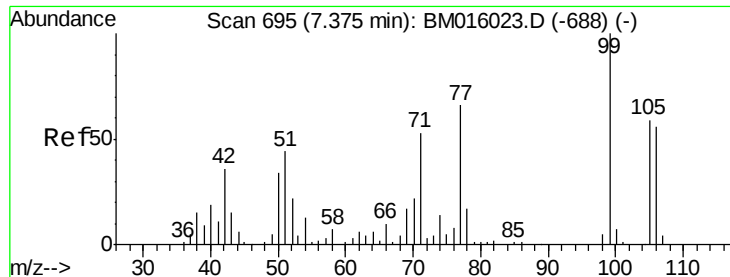


Abundance Ion 128.00 (127.70 to 128.70): BM016391.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016391.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016391.D (-730) (-)





#9

Benzaldehyde

Concen: 24.566 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

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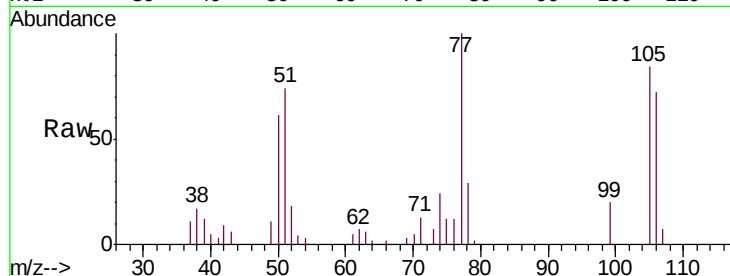
Tgt Ion: 77 Resp: 32344

Ion Ratio Lower Upper

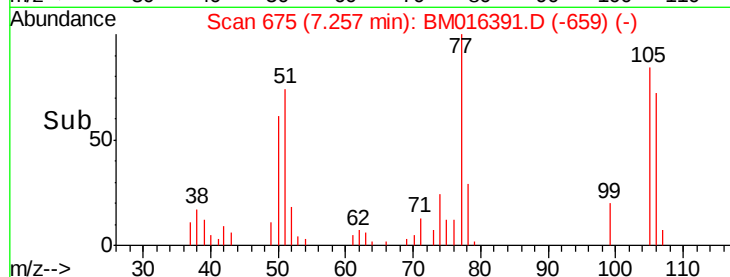
77 100

105 84.1 78.8 118.8

106 71.7 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016391.D (-659) (-)



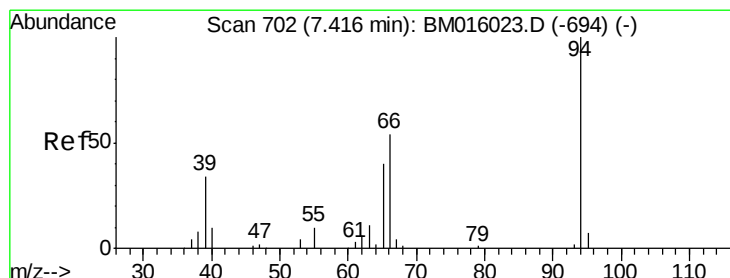
Ion 105.00 (104.70 to 105.70): BM016391.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM016391.D (-659) (-)

Time-->

7.26

Time-->



#10

Phenol

Concen: 36.744 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

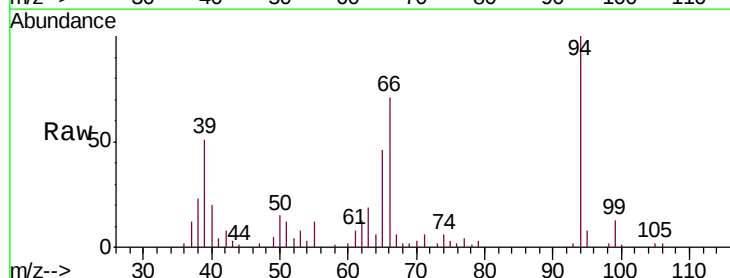
Tgt Ion: 94 Resp: 68851

Ion Ratio Lower Upper

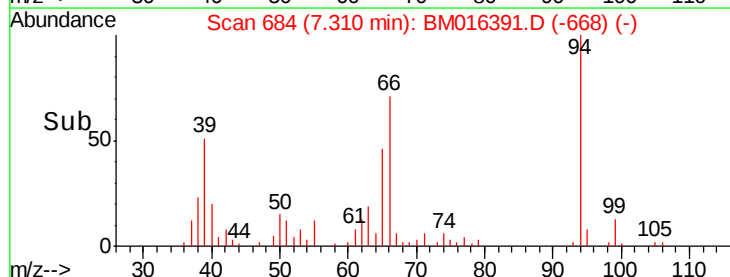
94 100

65 45.9 18.8 58.8

66 71.2 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM016391.D (-668) (-)



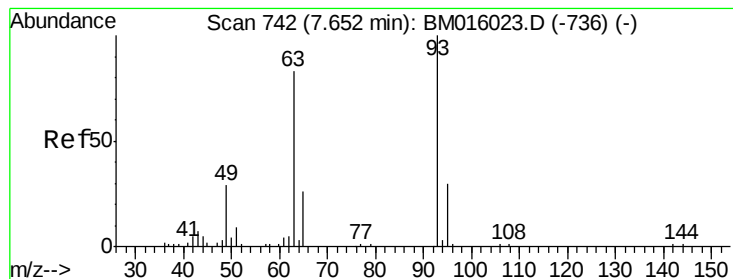
Ion 65.00 (64.70 to 65.70): BM016391.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016391.D (-668) (-)

Time-->

7.31

Time-->

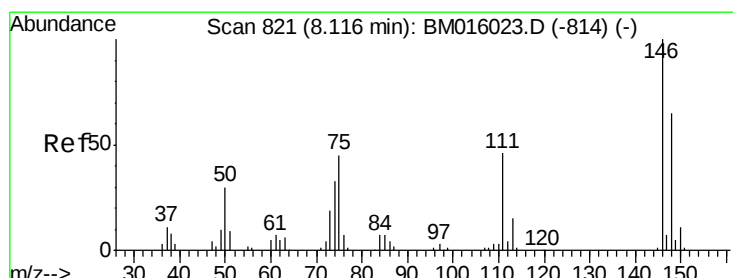
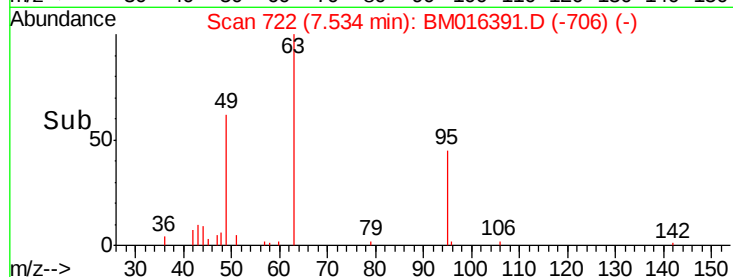
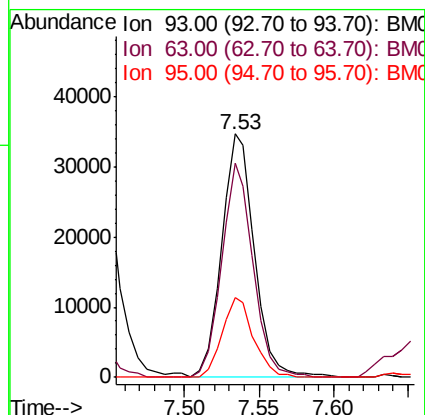
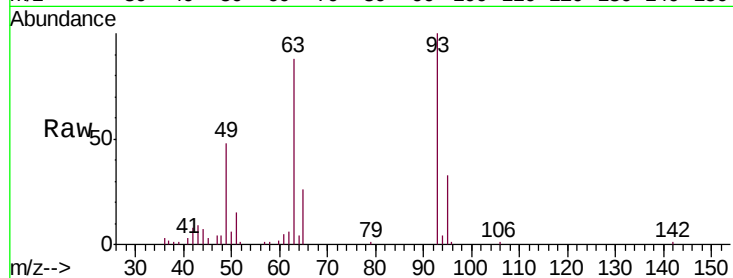


#11

bis(2-Chloroethyl)ether
Concen: 35.997 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Instrument :
BNA_M
ClientSampleId :
PB112011BSD

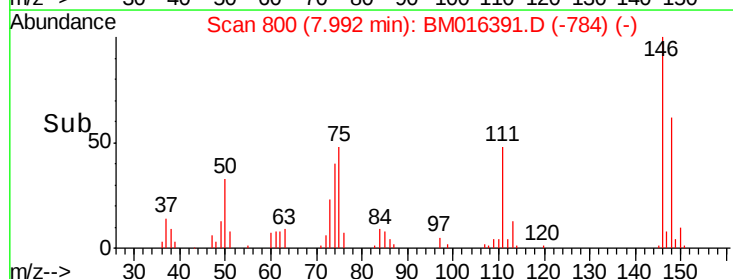
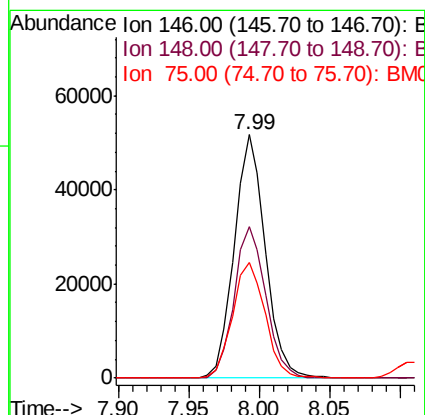
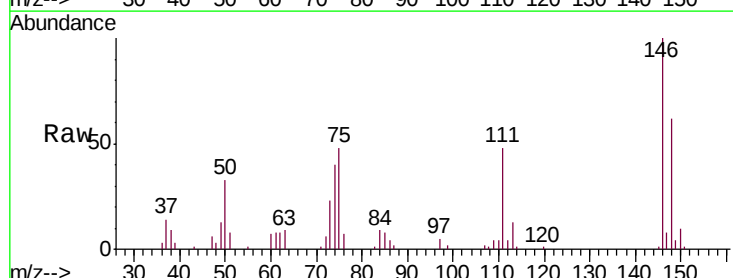
Tgt Ion: 93 Resp: 53286
Ion Ratio Lower Upper
93 100
63 87.8 49.5 89.5
95 33.0 13.5 53.5

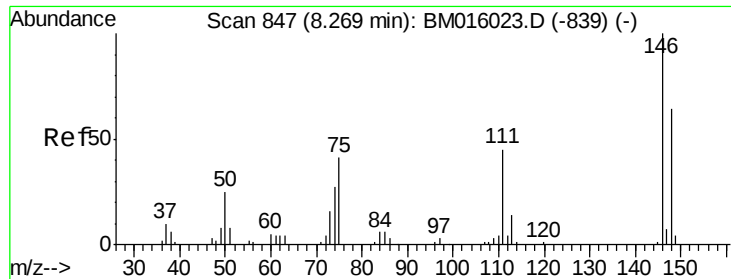


#12

1,3-Dichlorobenzene
Concen: 39.705 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion: 146 Resp: 79261
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
75 47.6 21.4 32.2#

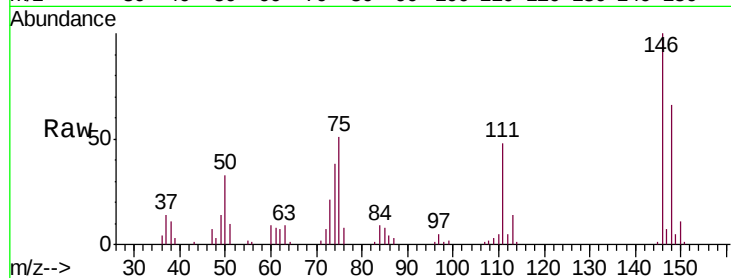




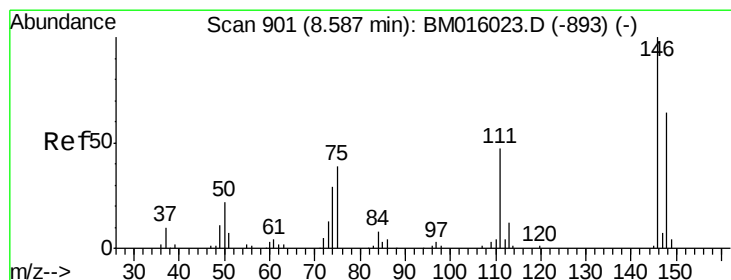
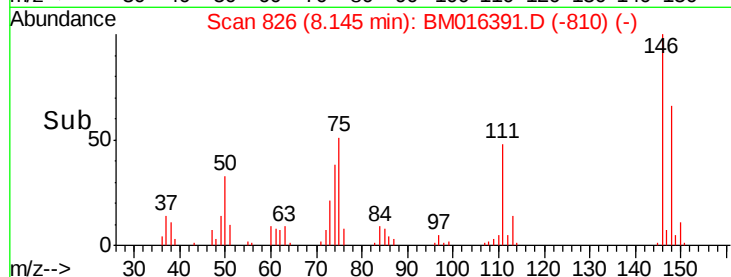
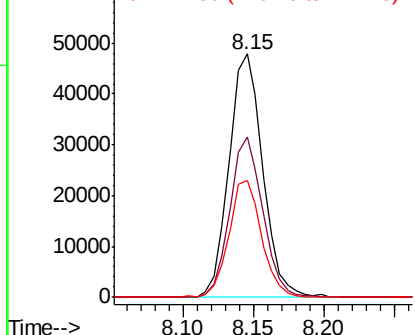
#13
 1,4-Dichlorobenzene
 Concen: 39.385 ng
 RT: 8.15 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:146 Resp: 79737
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 48.2 29.2 43.8#

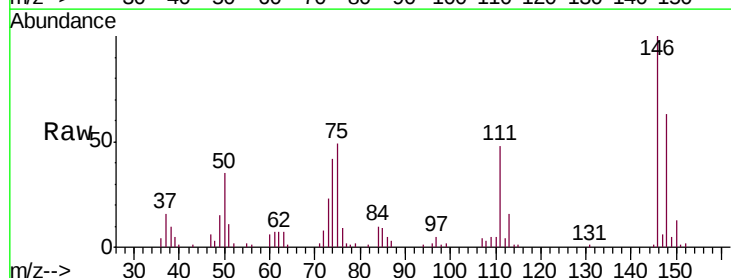


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

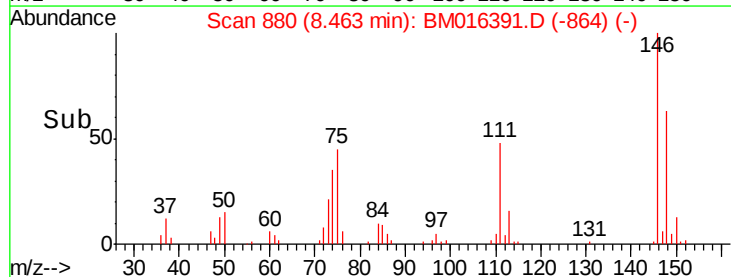
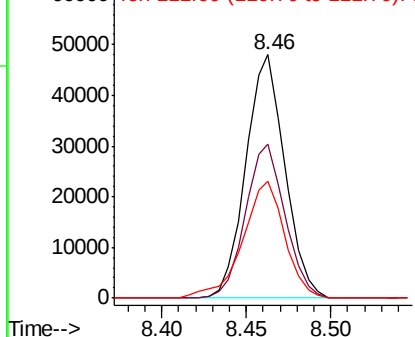


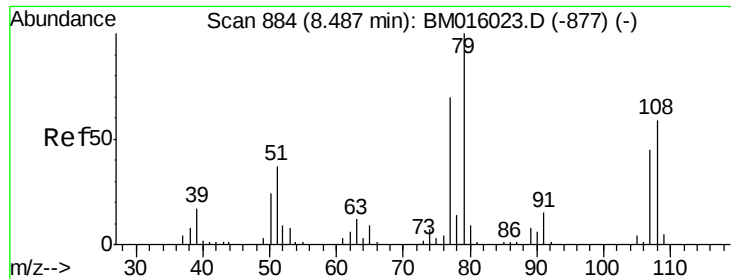
#14
 1,2-Dichlorobenzene
 Concen: 38.815 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:146 Resp: 76893
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.3 78.5
 111 48.0 30.6 45.8#



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

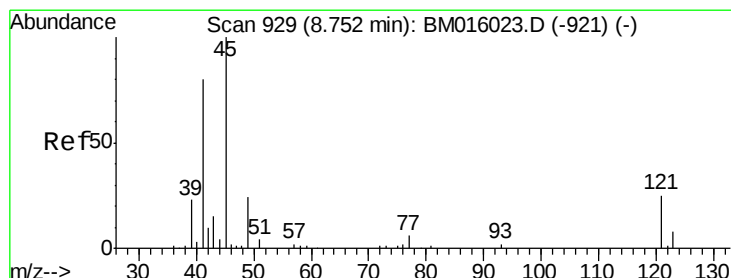
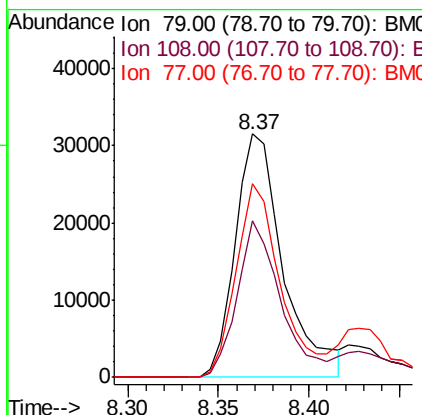
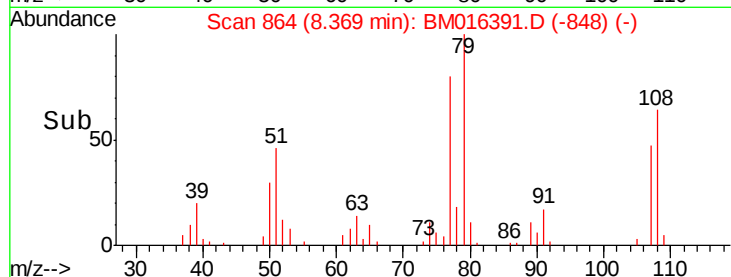
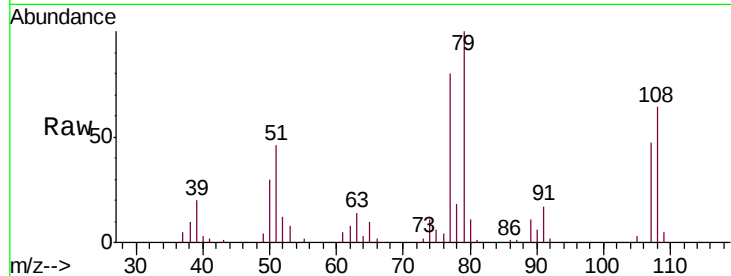




#15
Benzyl Alcohol
Concen: 38.941 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

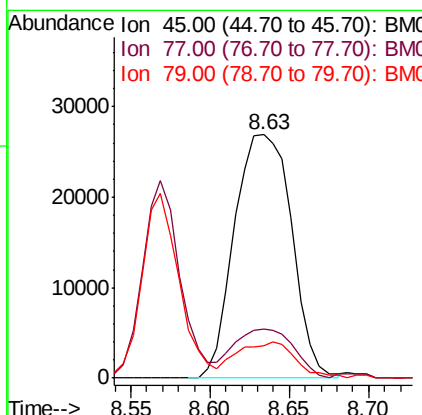
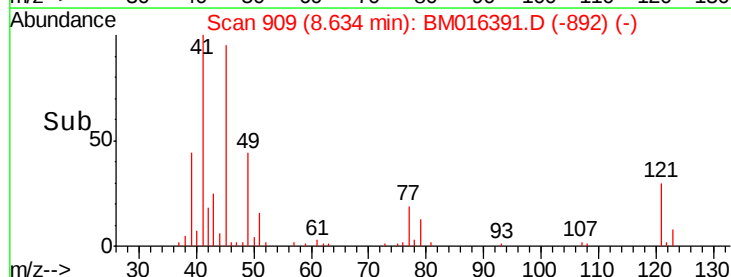
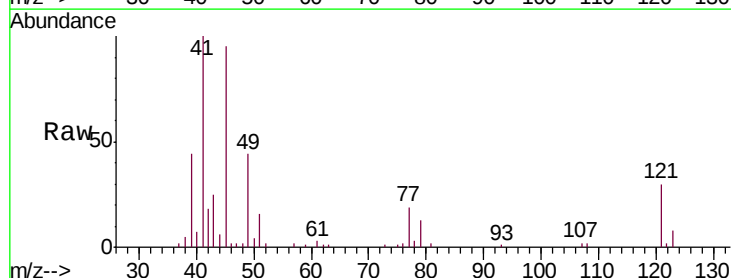
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

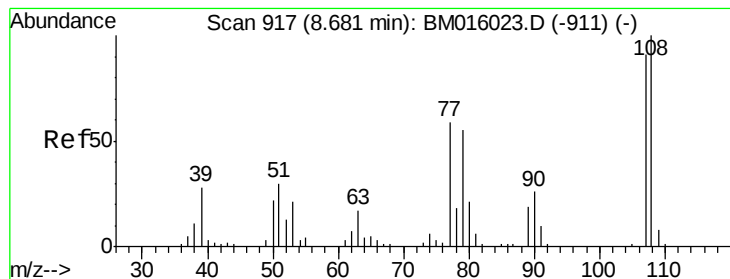
Tgt Ion: 79 Resp: 58105
Ion Ratio Lower Upper
79 100
108 64.3 65.0 97.4#
77 79.7 53.0 79.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.820 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion: 45 Resp: 67560
Ion Ratio Lower Upper
45 100
77 20.0 0.0 35.2
79 13.3 0.0 32.0





#17

2-Methylphenol

Concen: 38.611 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

Tgt Ion:107 Resp: 49451

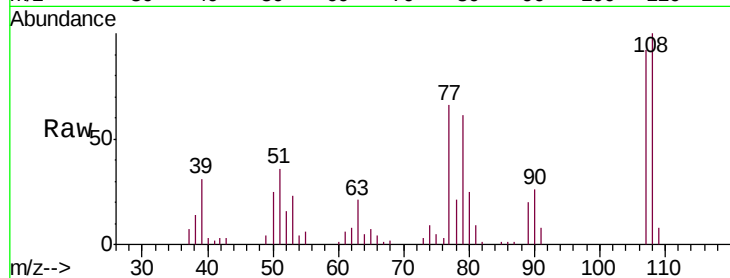
Ion Ratio Lower Upper

107 100

108 109.1 89.8 134.8

77 71.5 32.6 48.8#

79 66.6 32.8 49.2#



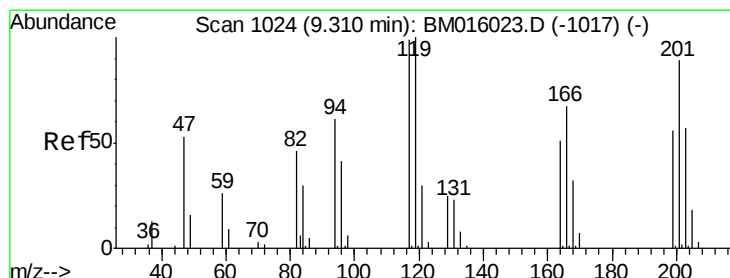
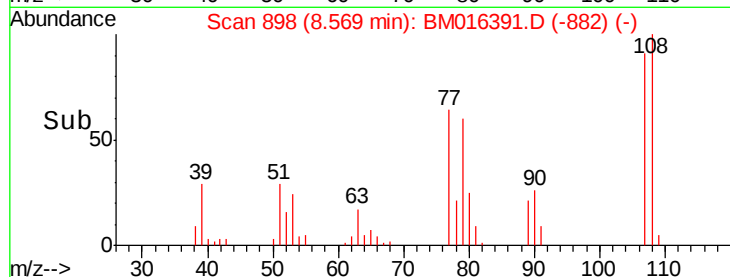
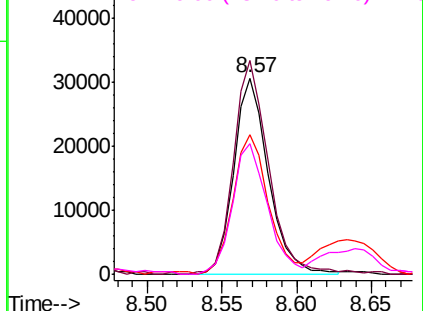
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 45.072 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

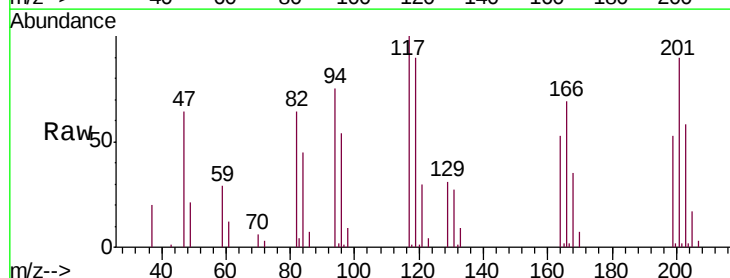
Tgt Ion:117 Resp: 39445

Ion Ratio Lower Upper

117 100

119 89.8 79.2 118.8

201 90.1 69.8 104.6

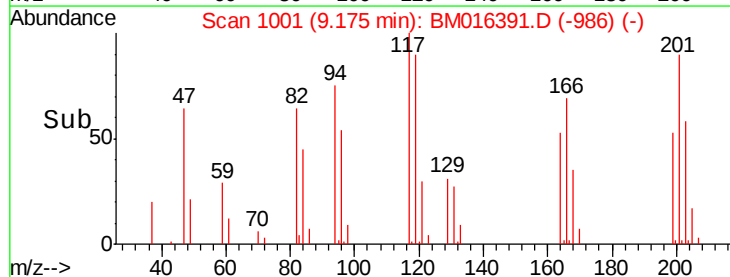
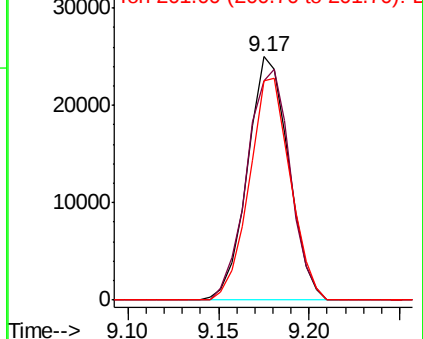


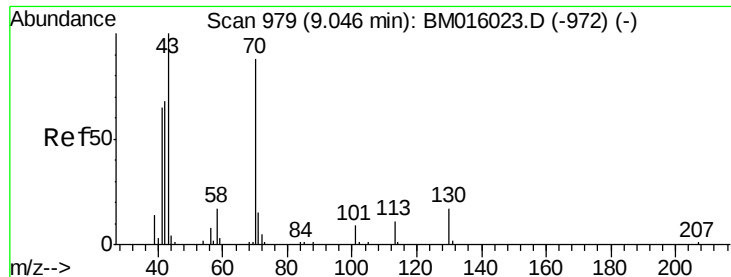
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

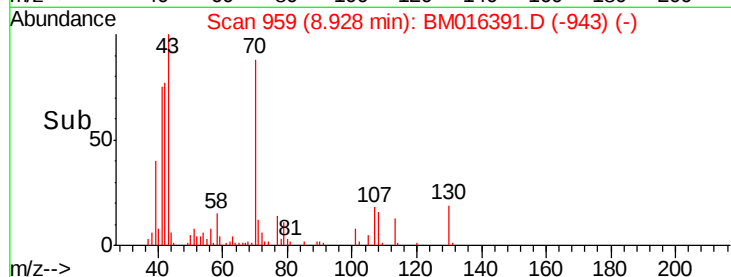
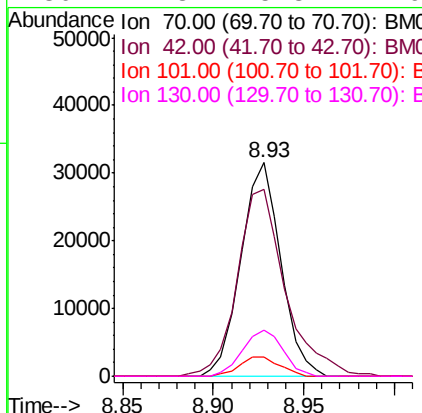
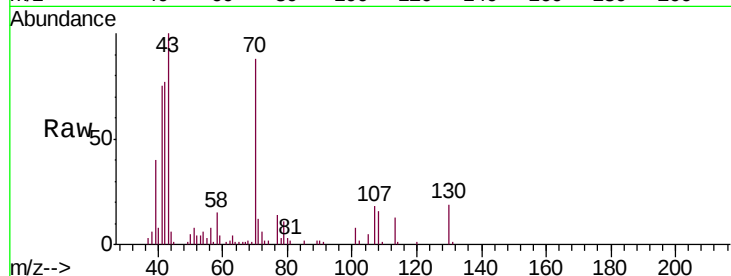




#19
n-Nitroso-di-n-propylamine
Concen: 35.220 ng
RT: 8.93 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

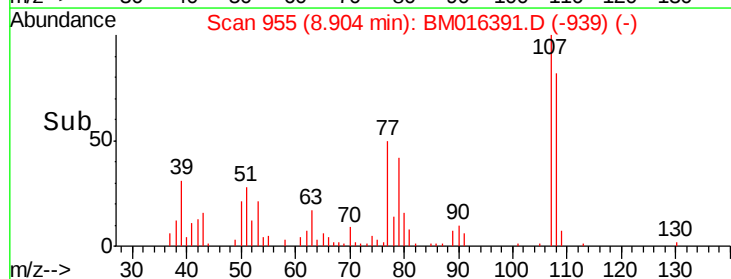
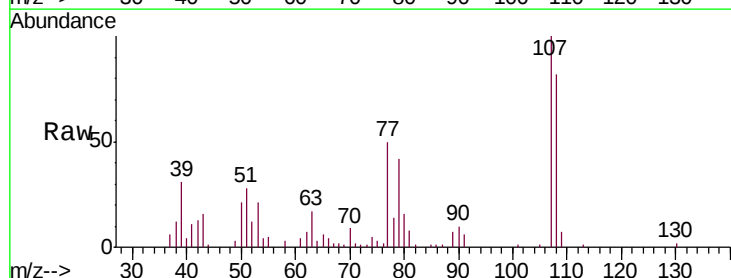
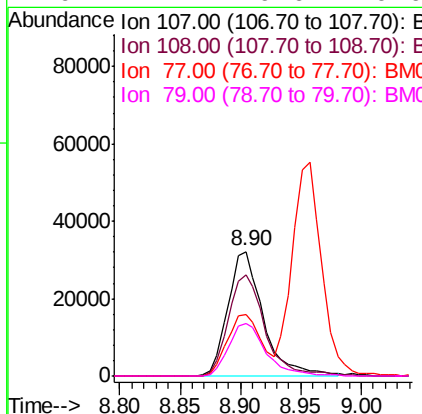
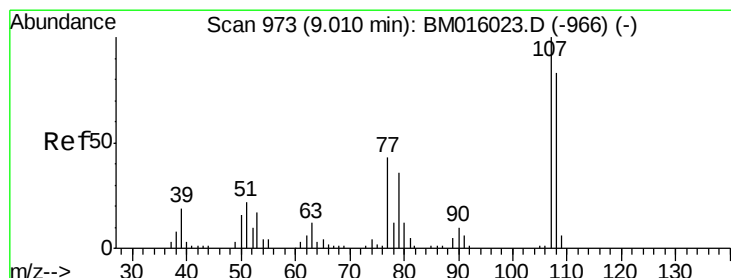
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

Tgt Ion:	70	Resp:	48240
Ion	Ratio	Lower	Upper
70	100		
42	87.2	44.5	66.7#
101	9.3	7.4	11.2
130	21.3	15.3	22.9



#20
3+4-Methylphenols
Concen: 35.677 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion:	107	Resp:	65742
Ion	Ratio	Lower	Upper
107	100		
108	81.5	73.2	113.2
77	49.5	10.7	50.7
79	42.4	9.6	49.6

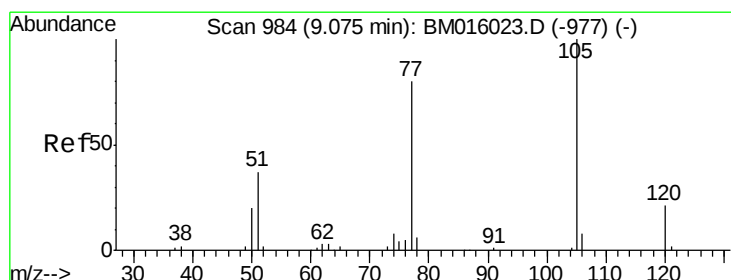
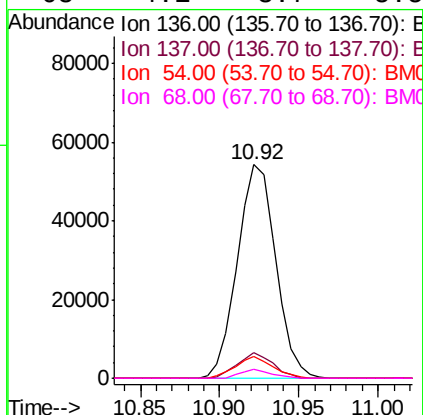
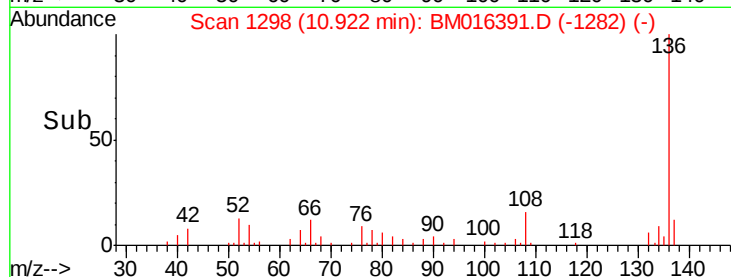
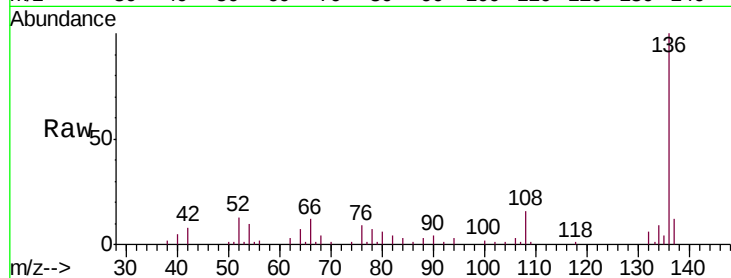




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

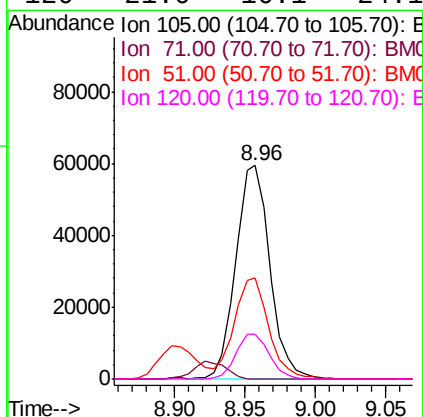
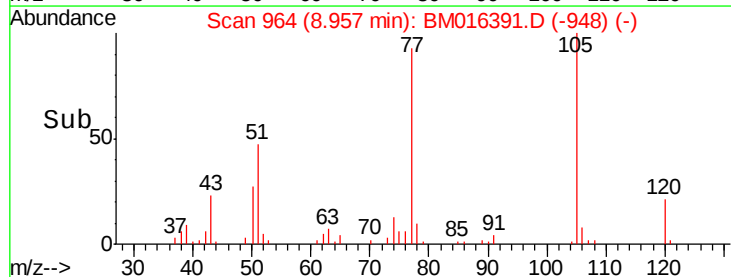
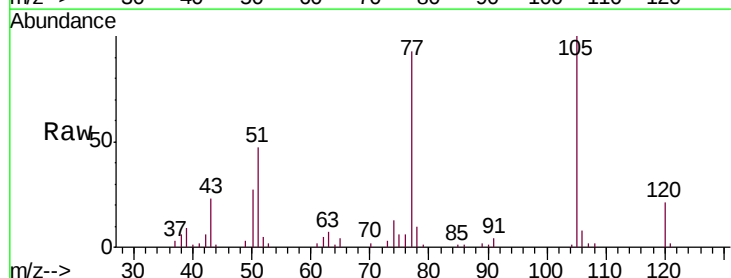
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

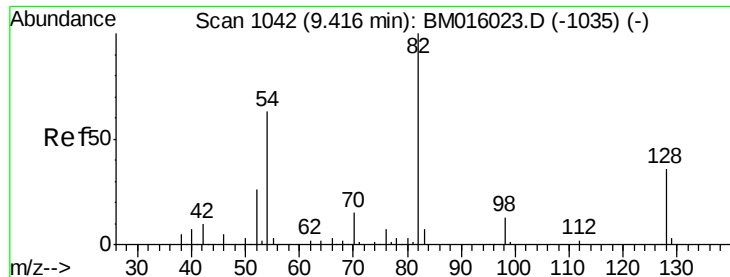
Tgt Ion:	136	Resp:	91265
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	9.9	4.6	6.8#
68	4.1	3.7	5.5



#22
Acetophenone
Concen: 43.626 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion:	105	Resp:	100256
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	47.5	21.6	32.4#
120	21.0	16.1	24.1

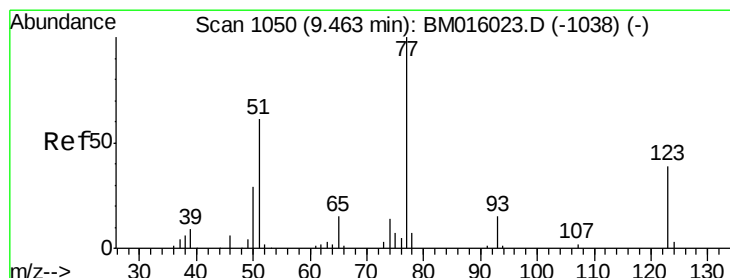
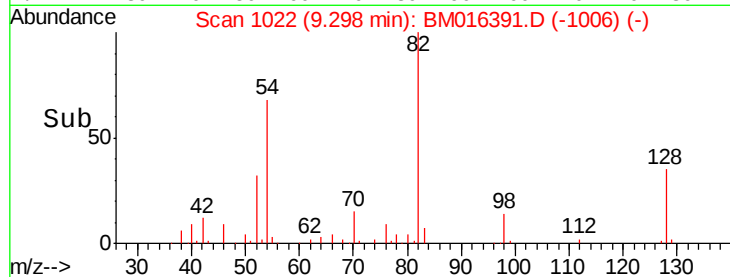
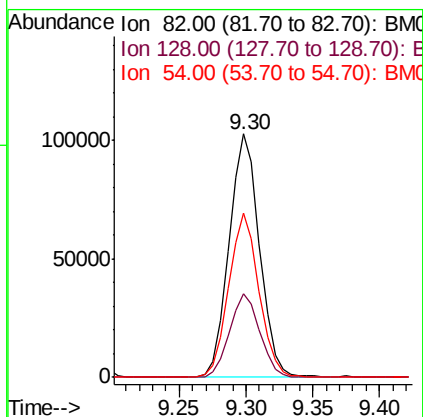
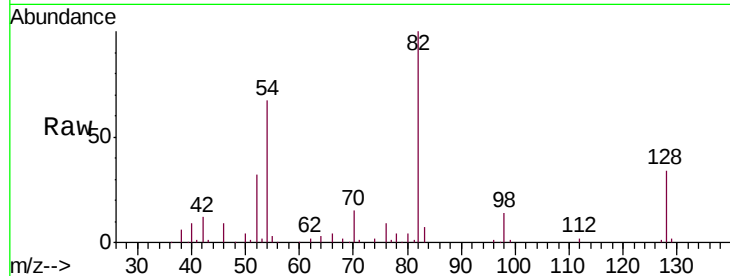




#23
 Nitrobenzene-d5
 Concen: 43.626 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

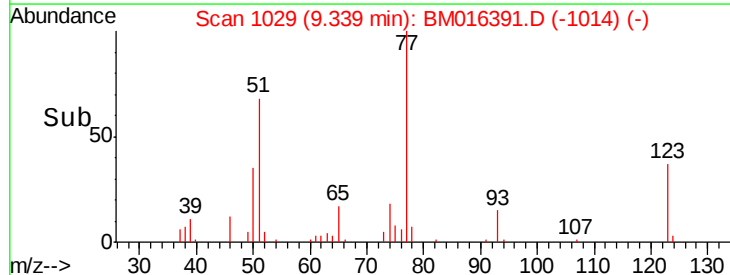
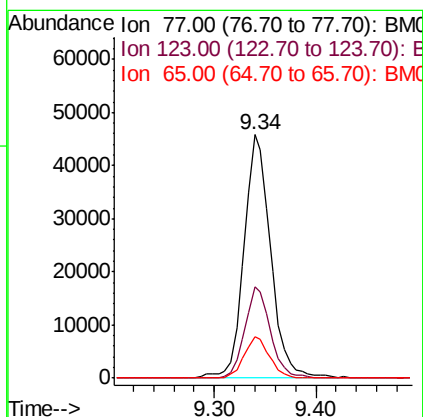
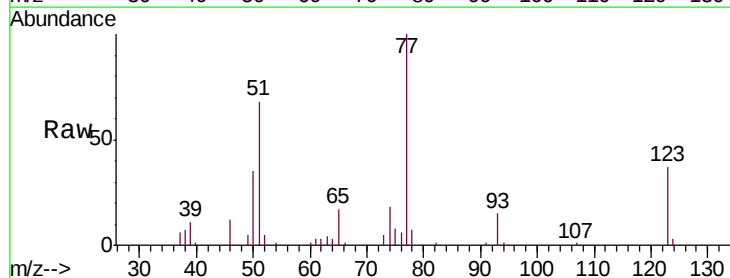
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

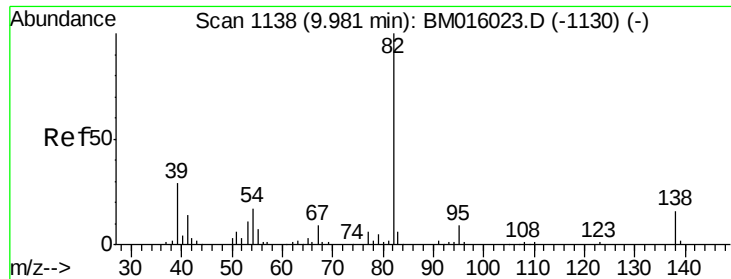
Tgt Ion: 82 Resp: 163260
 Ion Ratio Lower Upper
 82 100
 128 34.4 32.8 49.2
 54 67.2 40.6 60.8#



#24
 Nitrobenzene
 Concen: 42.376 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion: 77 Resp: 83698
 Ion Ratio Lower Upper
 77 100
 123 37.3 32.6 49.0
 65 17.0 10.9 16.3#

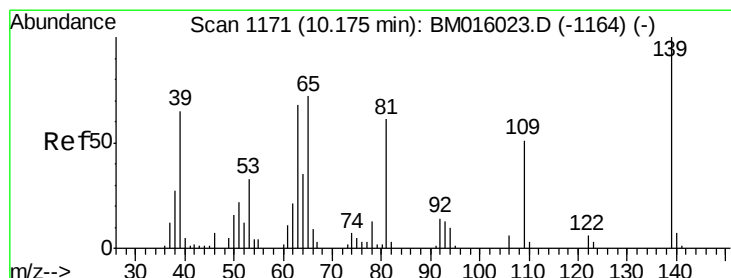
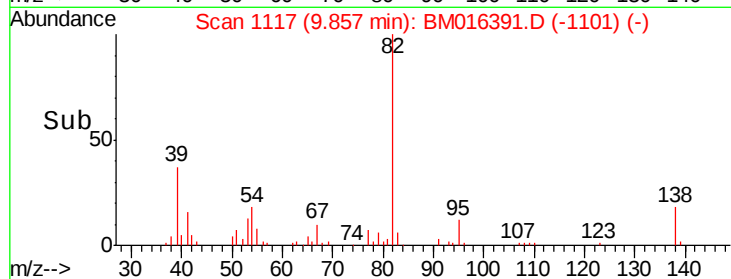
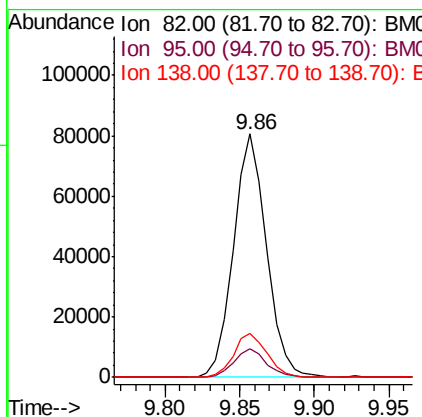
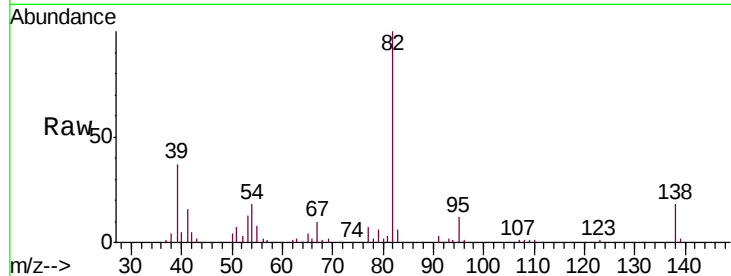




#25
Isophorone
Concen: 46.140 ng
RT: 9.86 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

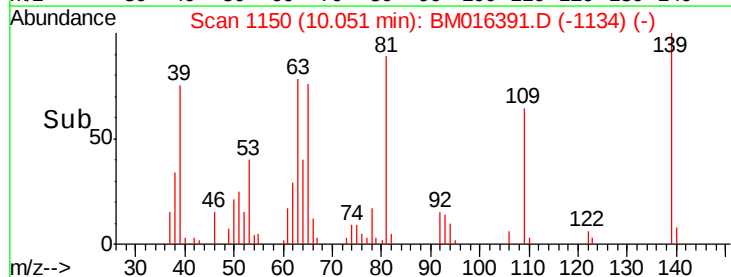
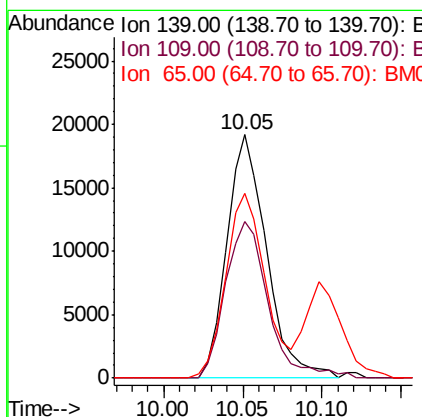
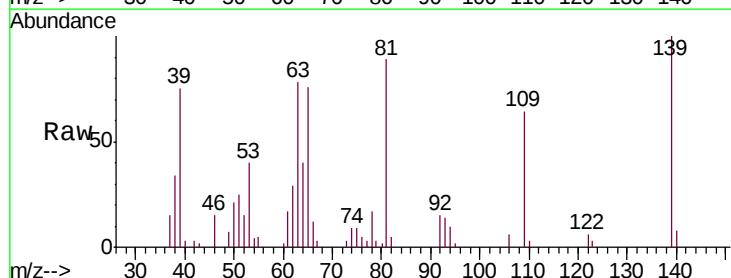
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

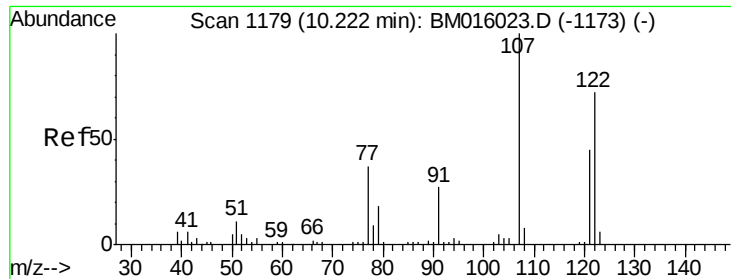
Tgt Ion: 82 Resp: 123841
Ion Ratio Lower Upper
82 100
95 11.9 5.8 8.6#
138 18.1 16.3 24.5



#26
2-Nitrophenol
Concen: 40.258 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion: 139 Resp: 33193
Ion Ratio Lower Upper
139 100
109 64.1 20.1 30.1#
65 75.6 31.5 47.3#

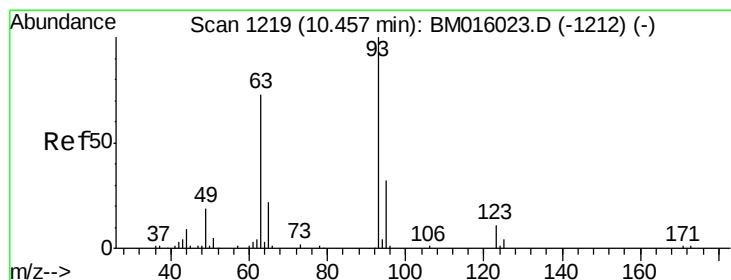
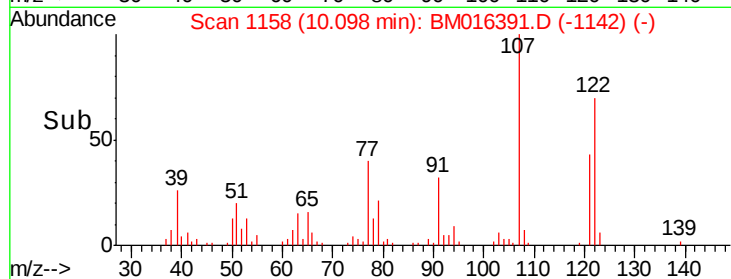
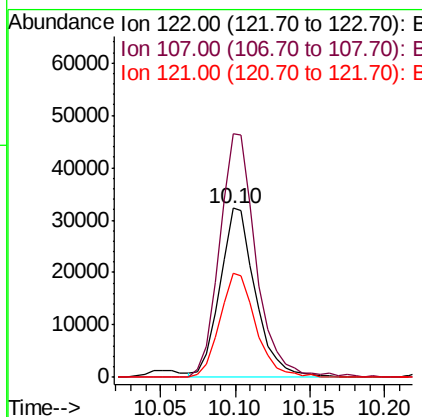
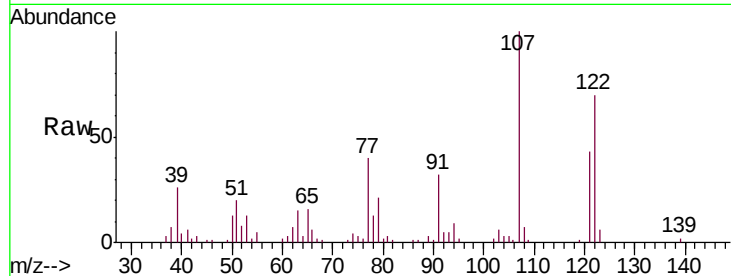




#27
2,4-Dimethylphenol
Concen: 47.107 ng
RT: 10.10 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

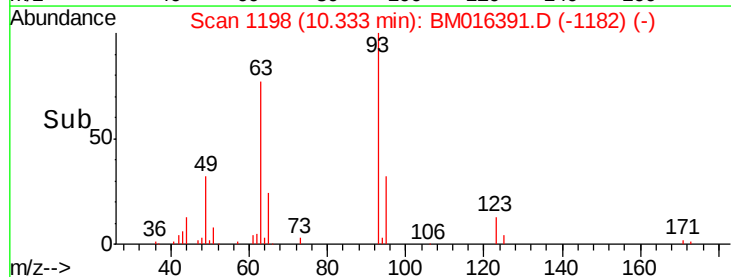
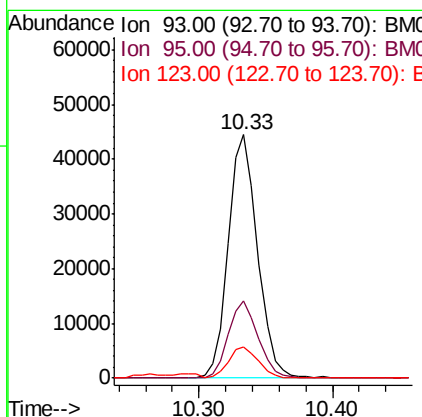
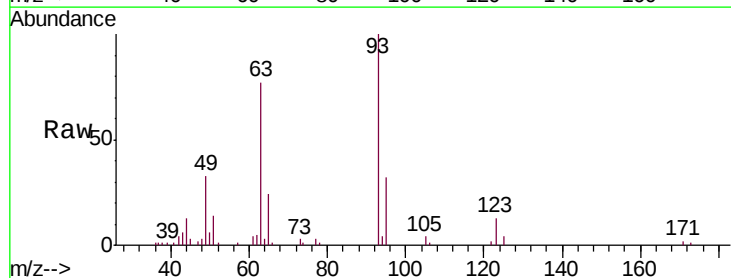
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

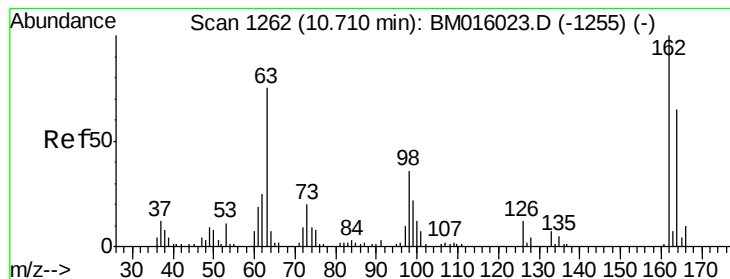
Tgt Ion:122 Resp: 54111
Ion Ratio Lower Upper
122 100
107 143.8 84.7 127.1#
121 61.3 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.080 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion: 93 Resp: 68175
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 13.0 8.6 13.0#





#29

2,4-Dichlorophenol

Concen: 42.718 ng

RT: 10.59 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

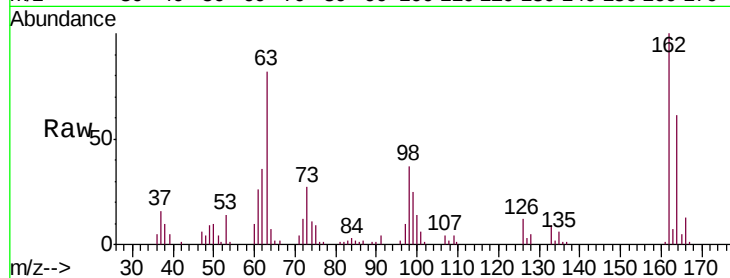
Tgt Ion:162 Resp: 58309

Ion Ratio Lower Upper

162 100

164 61.3 42.8 82.8

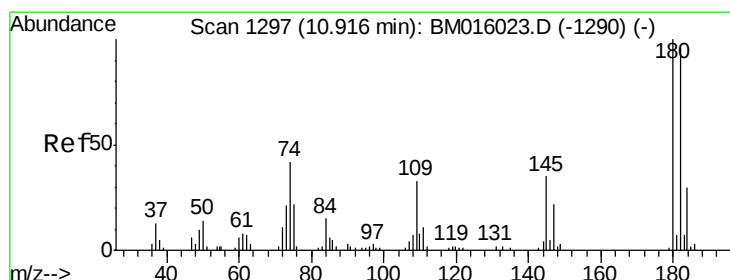
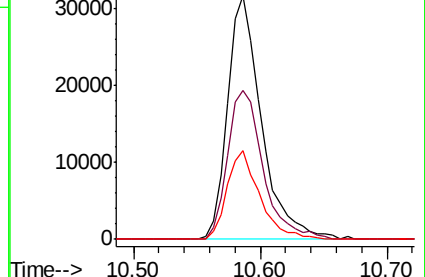
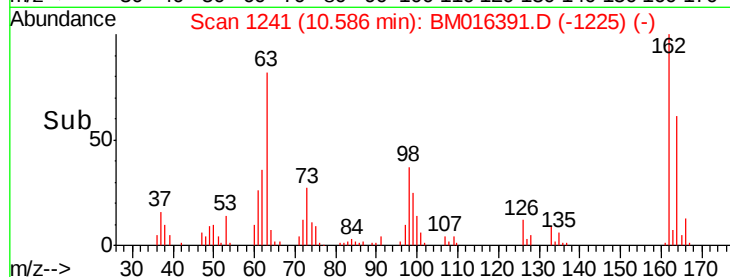
98 36.6 14.5 54.5



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): BM



#30

1,2,4-Trichlorobenzene

Concen: 43.345 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

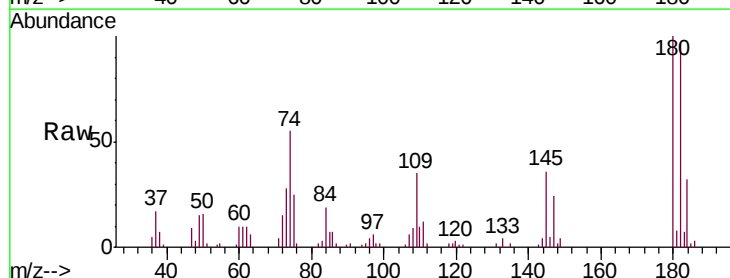
Tgt Ion:180 Resp: 71887

Ion Ratio Lower Upper

180 100

182 96.9 77.6 116.4

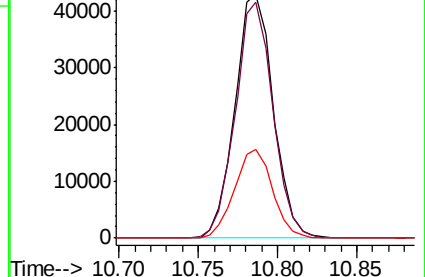
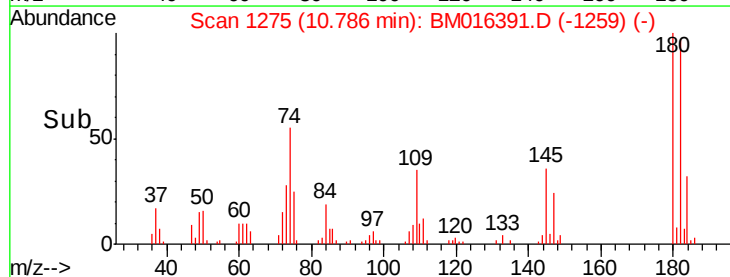
145 36.4 23.4 35.2#

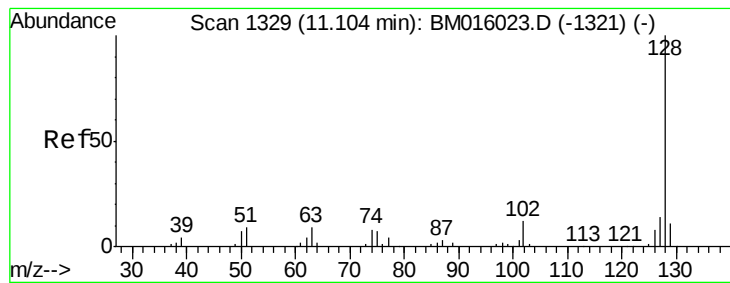


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.049 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

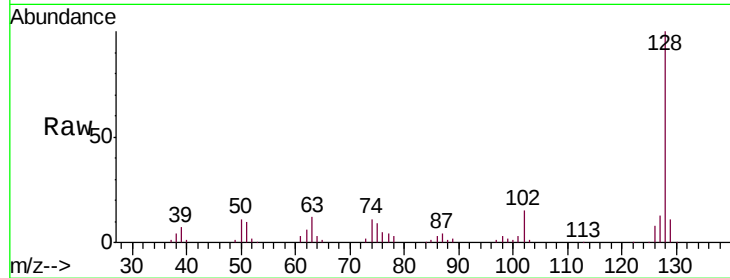
Tgt Ion:128 Resp: 198845

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

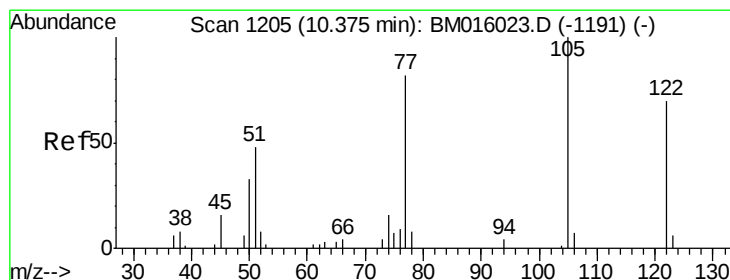
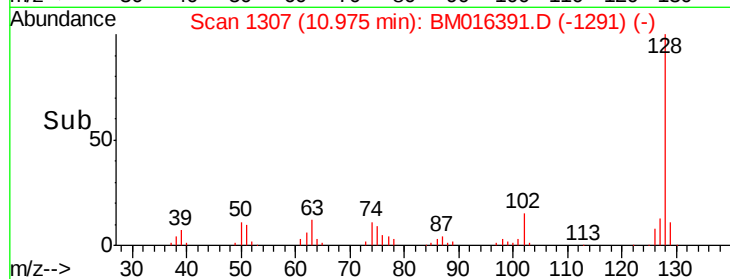
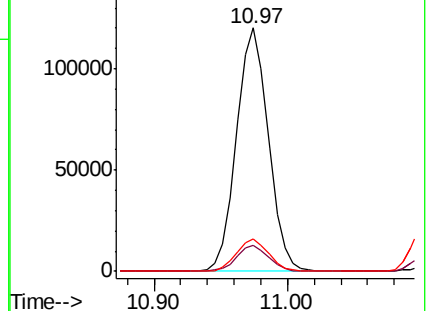
127 13.3 10.4 15.6



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: 37.607 ng

RT: 10.29 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

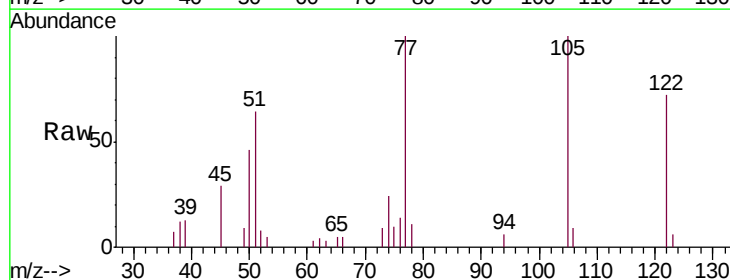
Tgt Ion:122 Resp: 32931

Ion Ratio Lower Upper

122 100

105 138.3 99.9 139.9

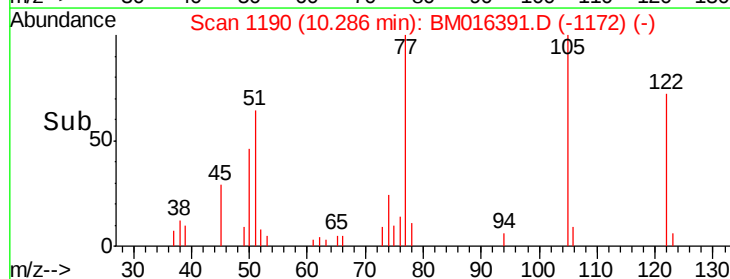
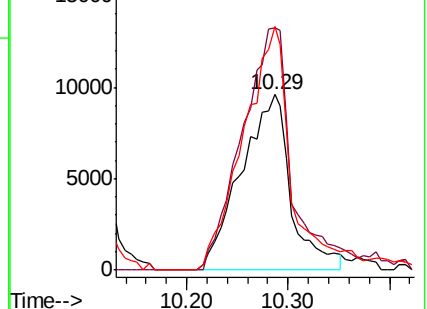
77 138.8 73.7 113.7#



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

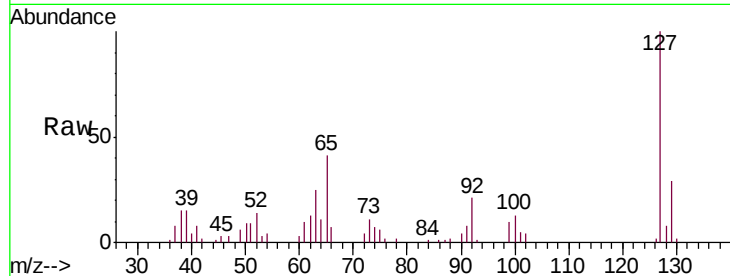




#33
4-Chloroaniline
Concen: 25.380 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Instrument :
BNA_M
ClientSampleId :
PB112011BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.3	37.9
65	41.3	17.6	26.4
92	20.6	13.1	19.7



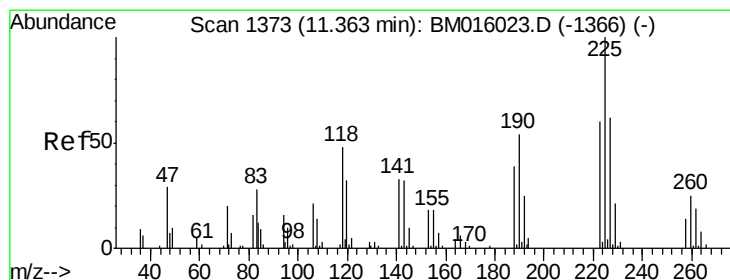
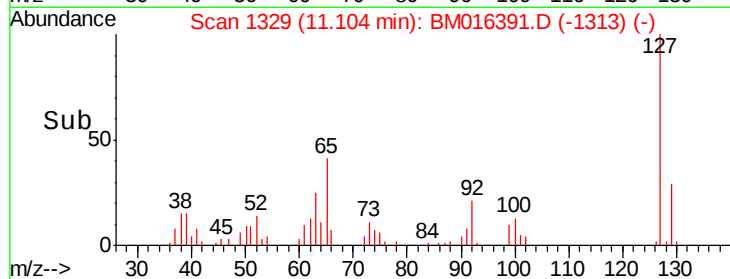
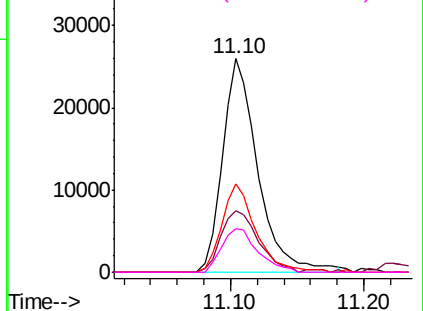
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

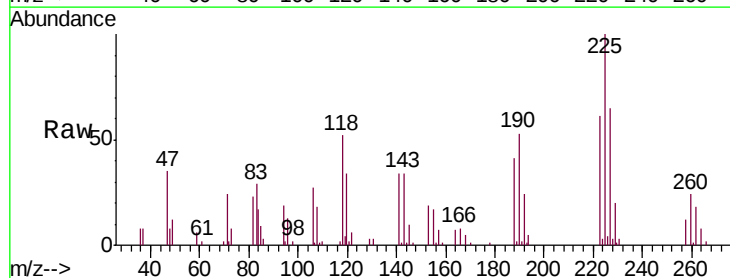
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 51.099 ng
RT: 11.23 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	47.9	71.9
227	64.8	50.1	75.1

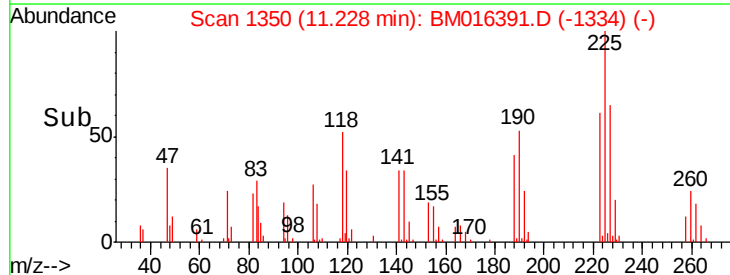
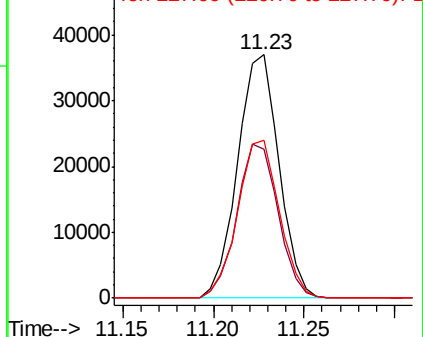


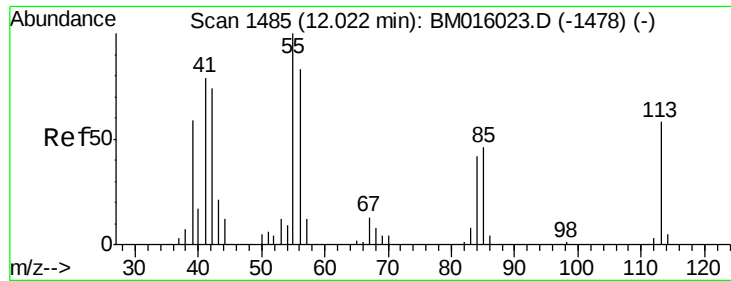
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.024 ng

RT: 11.92 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

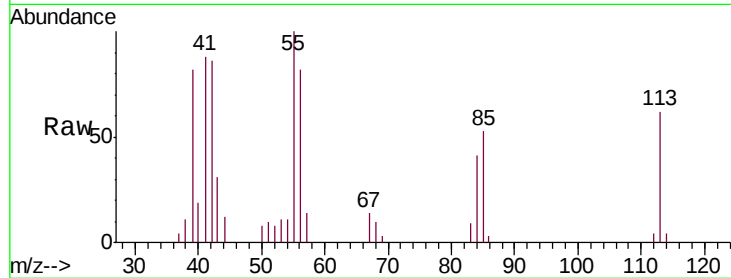
Tgt Ion:113 Resp: 12863

Ion Ratio Lower Upper

113 100

55 161.2 145.9 185.9

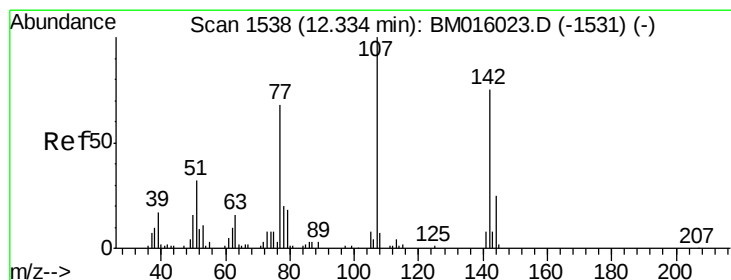
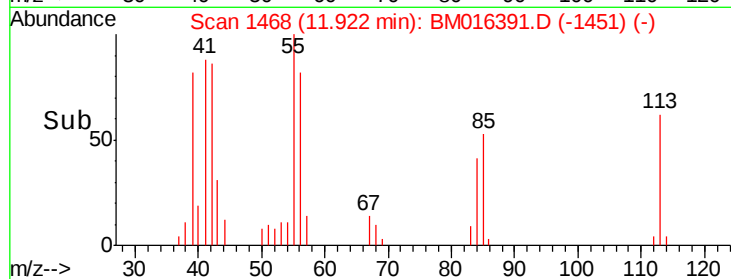
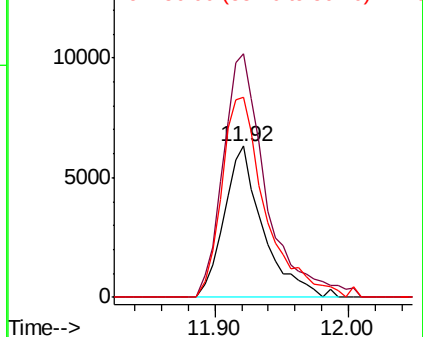
56 132.5 101.0 141.0



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: 40.607 ng

RT: 12.22 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

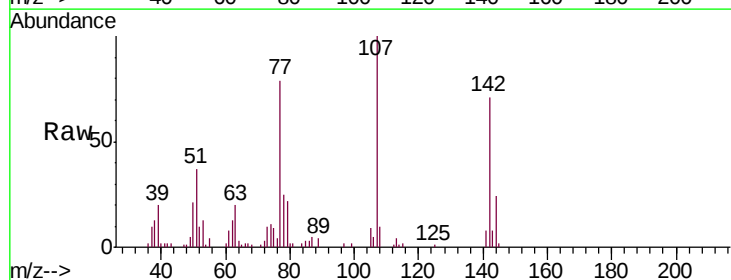
Tgt Ion:107 Resp: 60964

Ion Ratio Lower Upper

107 100

144 24.2 23.3 34.9

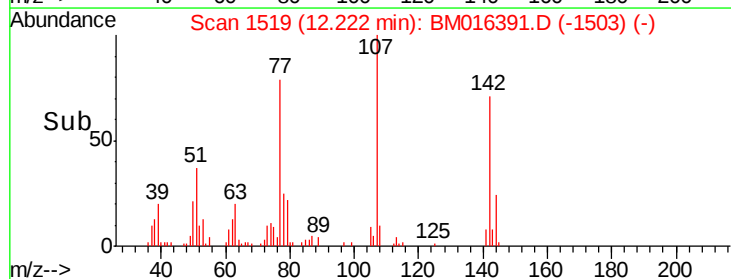
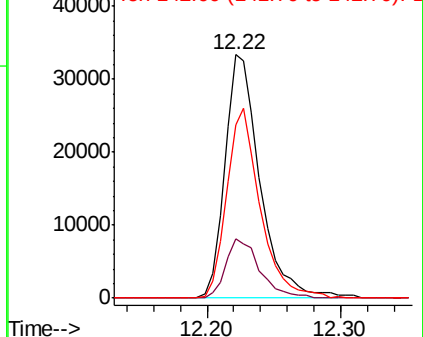
142 71.0 72.6 109.0#

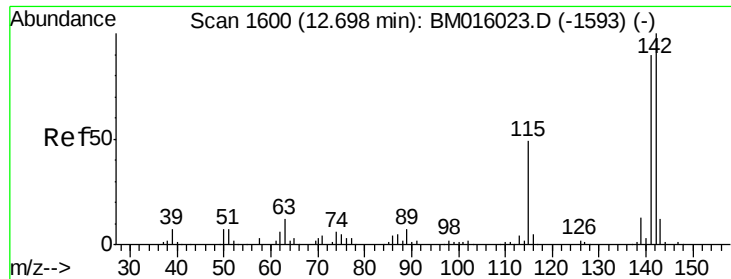


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

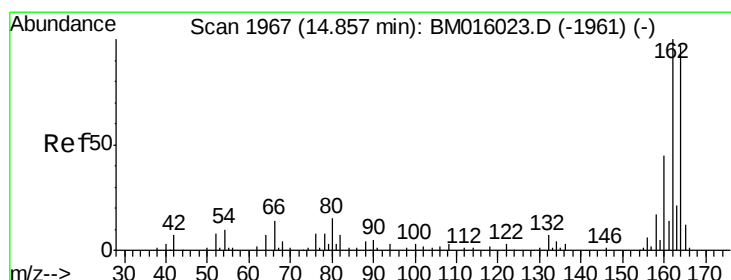
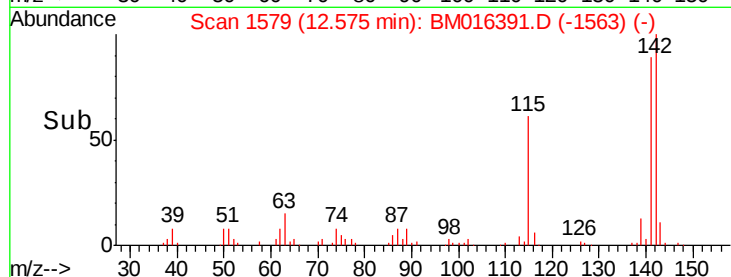
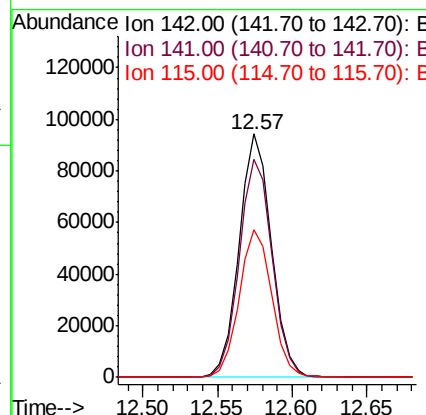
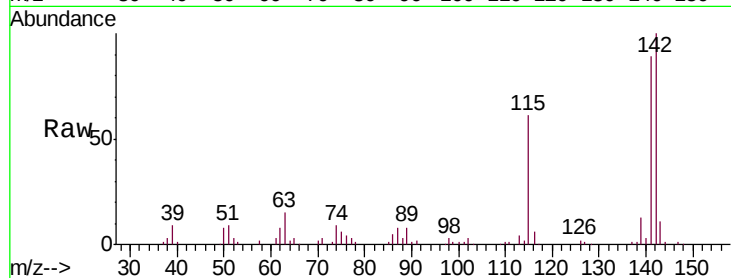




#37
 2-Methylnaphthalene
 Concen: 45.833 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

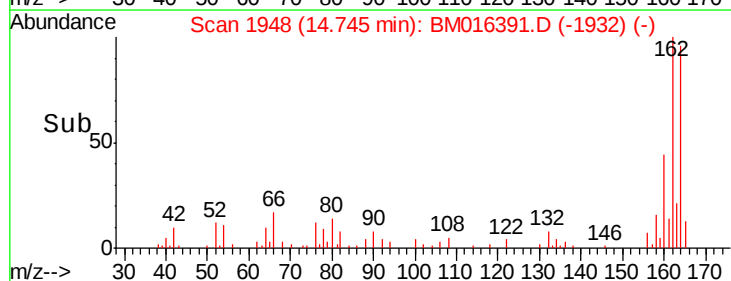
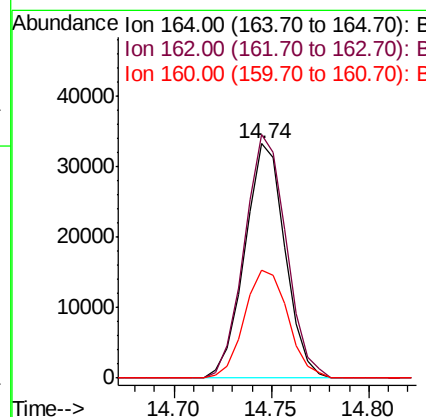
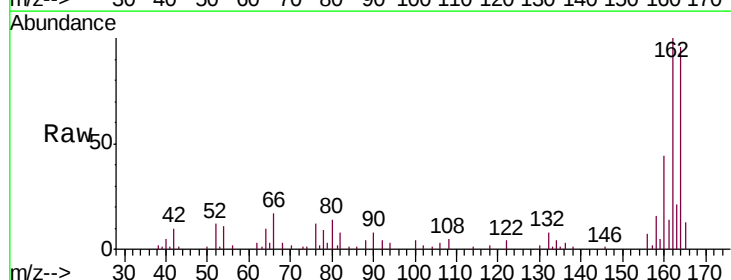
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

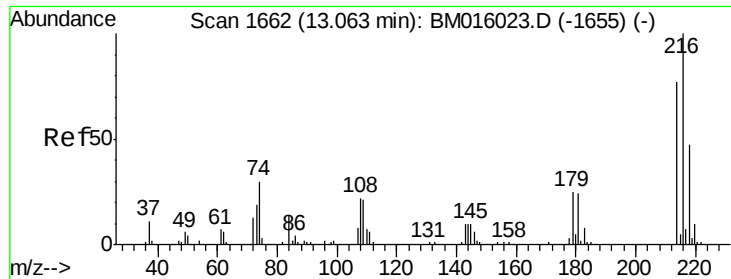
Tgt Ion:142 Resp: 141815
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.9 107.9
 115 60.7 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:164 Resp: 47542
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.4 123.6
 160 46.1 35.8 53.6

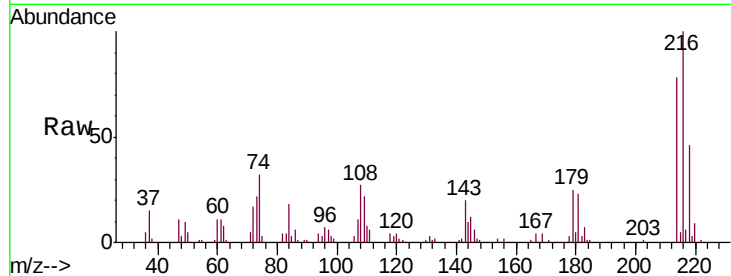




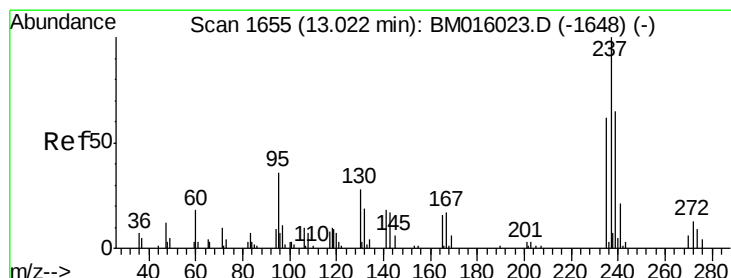
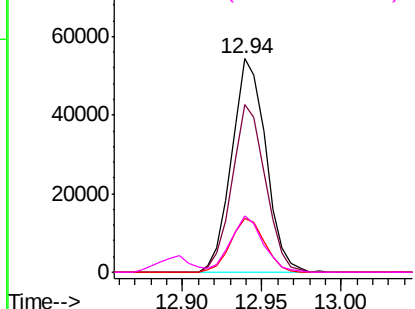
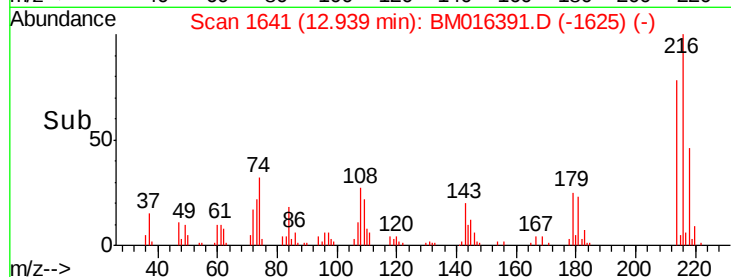
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.242 ng
 RT: 12.94 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:	216	Resp:	81320
Ion	Ratio	Lower	Upper
216	100		
214	76.4	0.0	0.0#
179	24.9	0.0	0.0#
108	25.0	0.0	0.0#

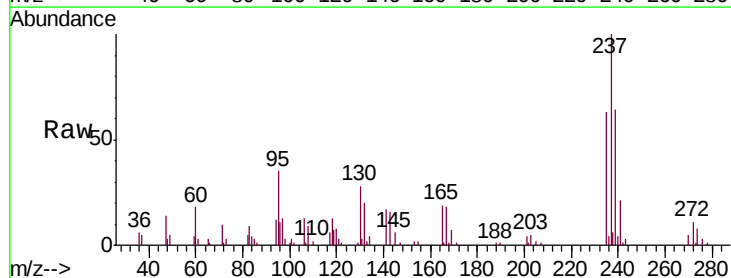


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

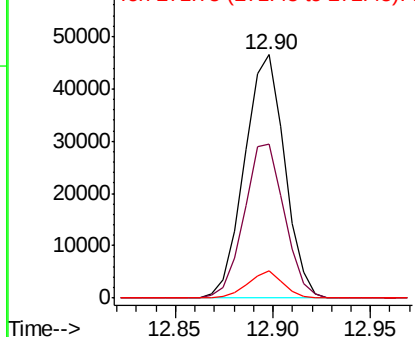
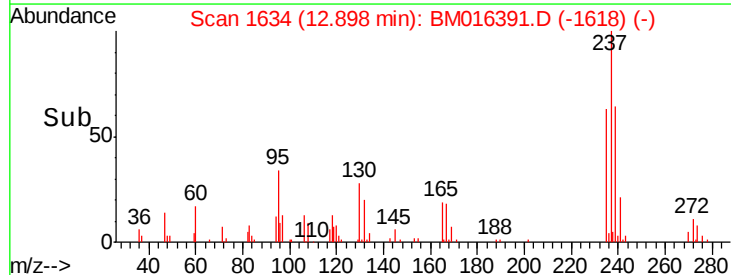


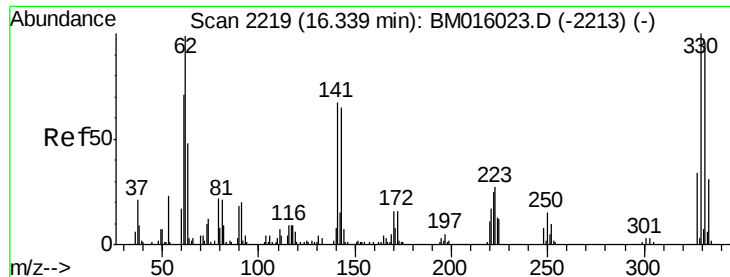
#40
 Hexachlorocyclopentadiene
 Concen: 83.084 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:	237	Resp:	66268
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	11.2	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

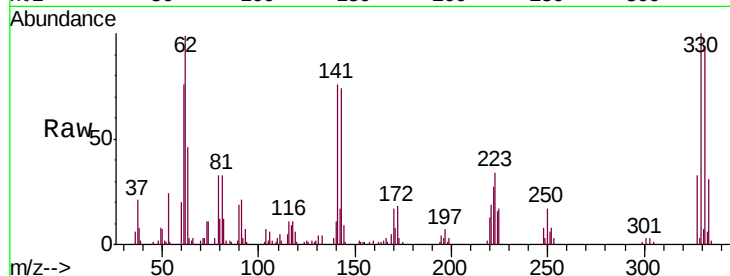




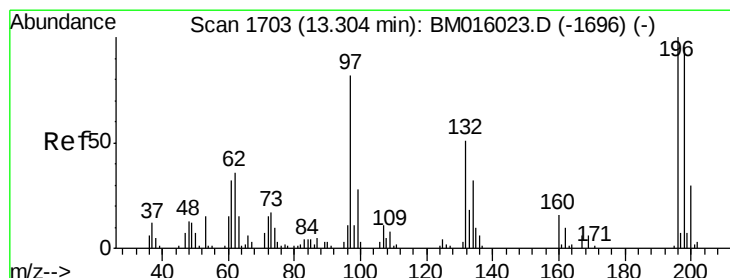
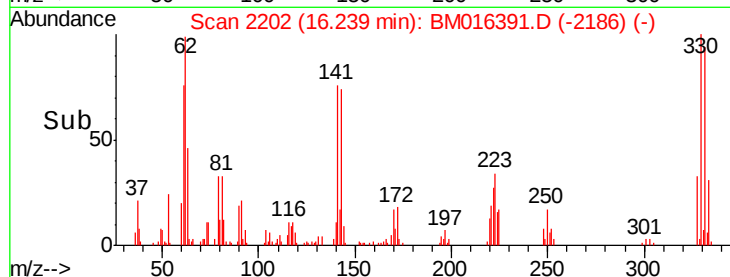
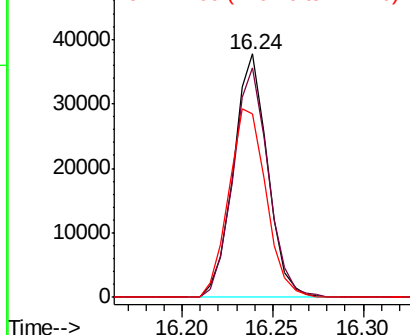
#41
 2,4,6-Tribromophenol
 Concen: 83.084 ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:330 Resp: 49452
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 84.9 0.0 0.0#

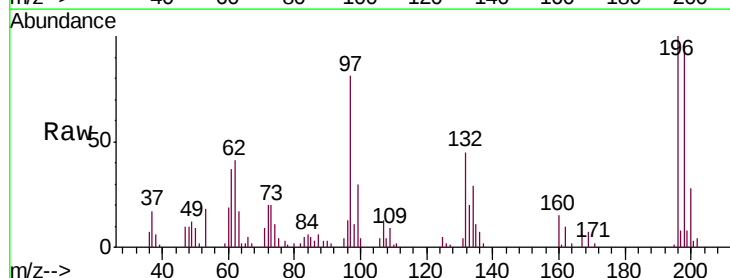


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

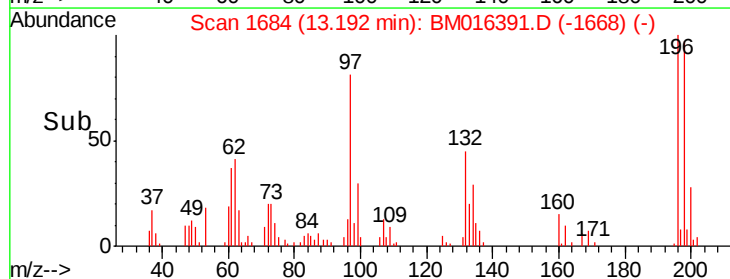
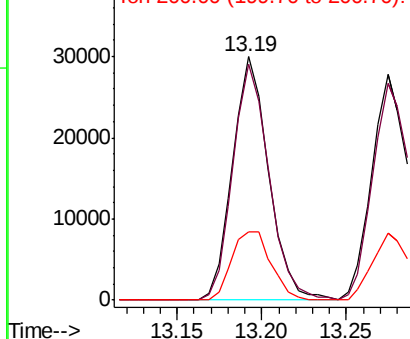


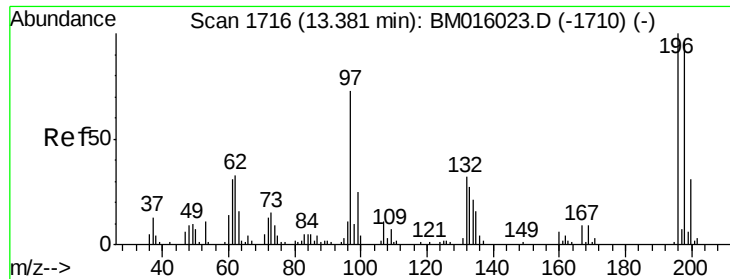
#42
 2,4,6-Trichlorophenol
 Concen: 44.061 ng
 RT: 13.19 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:196 Resp: 44619
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.3 114.5
 200 28.2 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

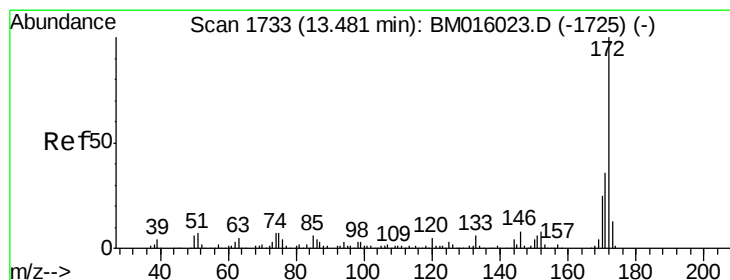
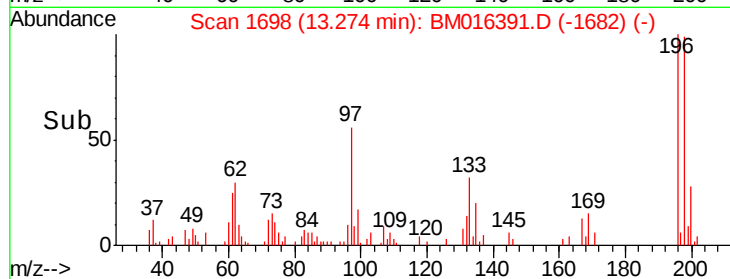
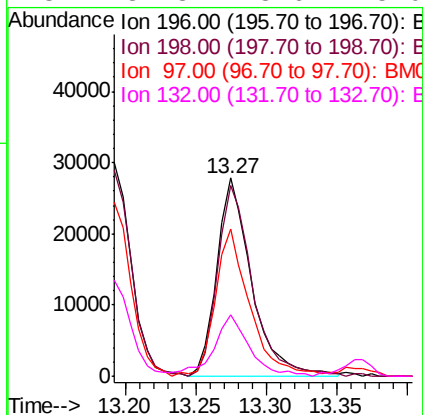
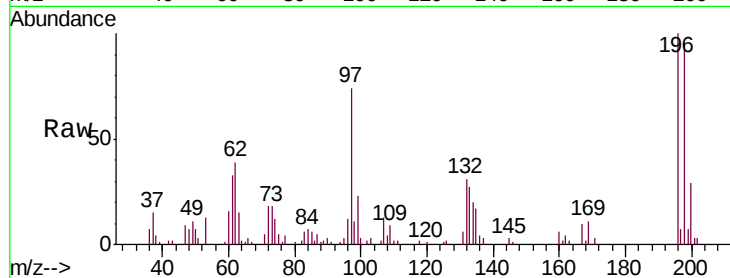




#43
 2,4,5-Trichlorophenol
 Concen: 45.864 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

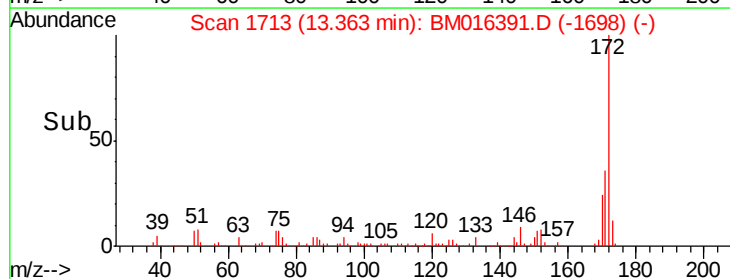
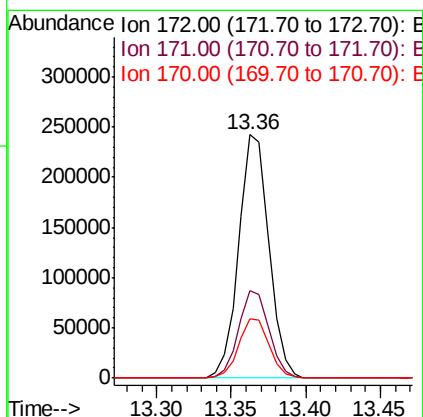
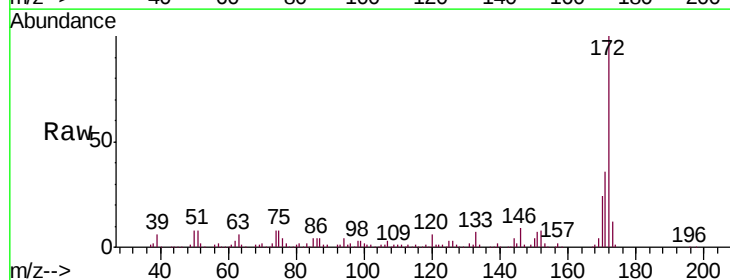
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:196 Resp: 47907
 Ion Ratio Lower Upper
 196 100
 198 96.3 79.4 119.0
 97 74.5 26.8 40.2#
 132 31.3 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 45.864 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:172 Resp: 340456
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.3 18.8 28.2

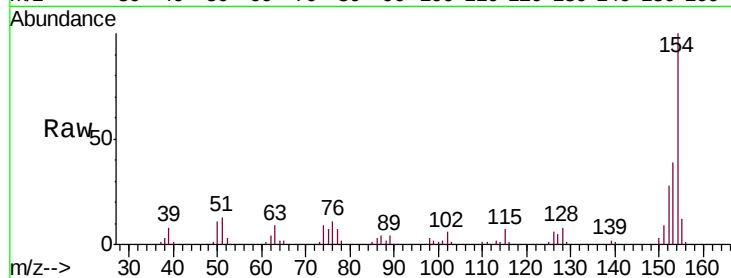




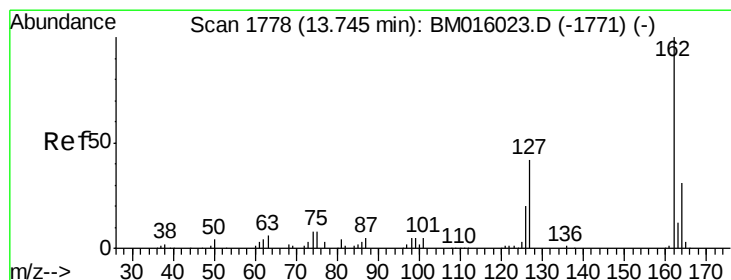
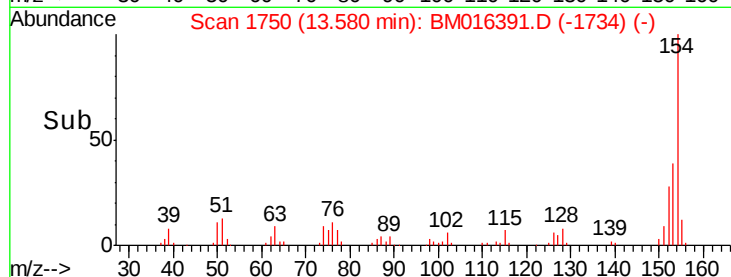
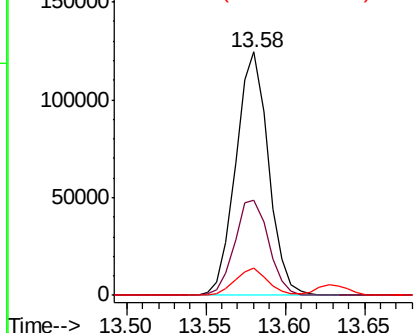
#45
 1,1'-Biphenyl
 Concen: 41.306 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:154 Resp: 177224
 Ion Ratio Lower Upper
 154 100
 153 39.2 20.7 60.7
 76 11.2 0.0 30.9

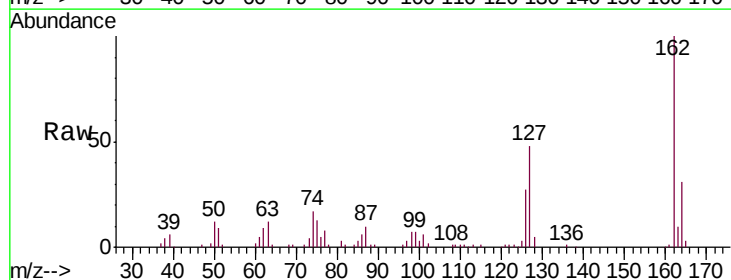


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

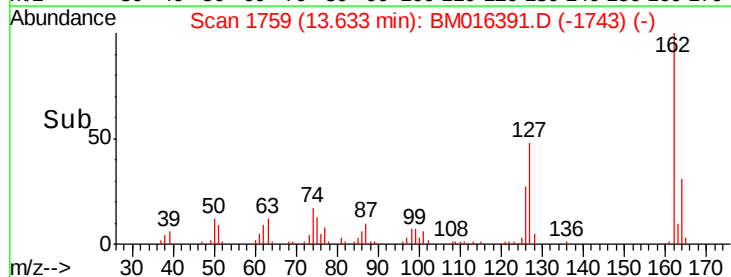
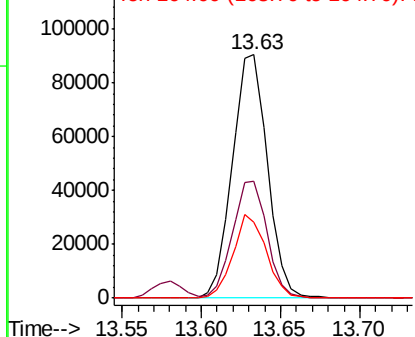


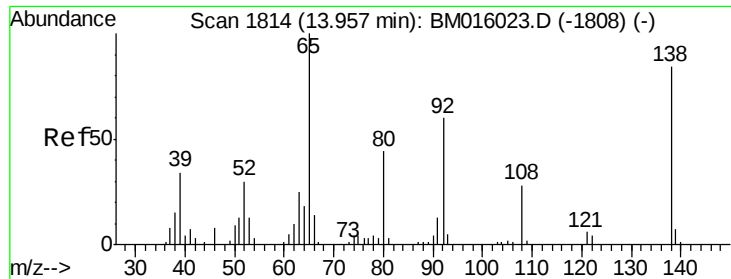
#46
 2-Chloronaphthalene
 Concen: 41.543 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:162 Resp: 138632
 Ion Ratio Lower Upper
 162 100
 127 47.9 26.9 40.3#
 164 31.4 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

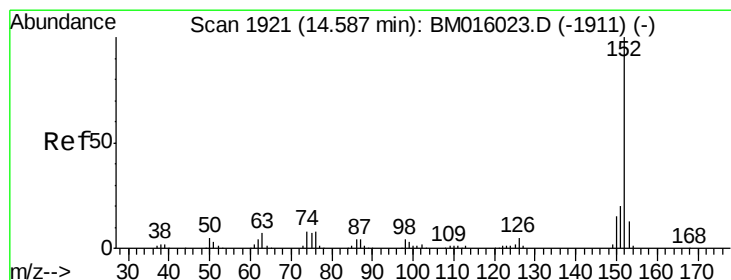
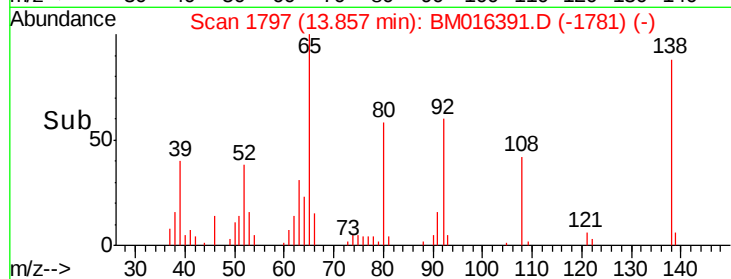
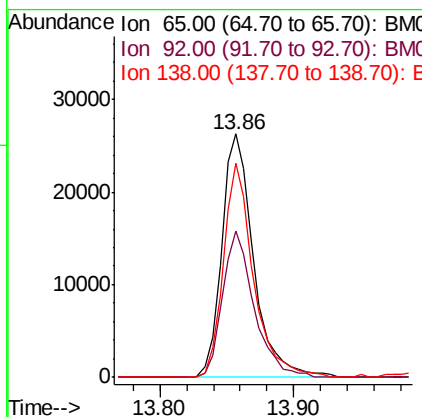
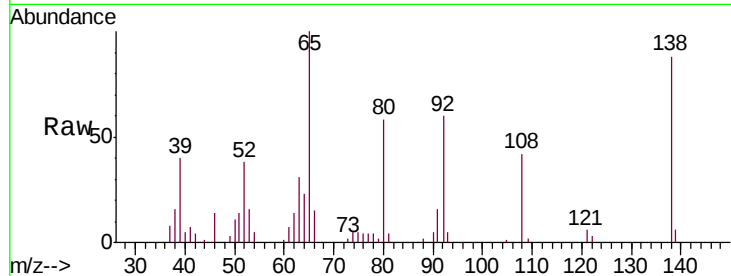




#47
2-Nitroaniline
Concen: 39.827 ng
RT: 13.86 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

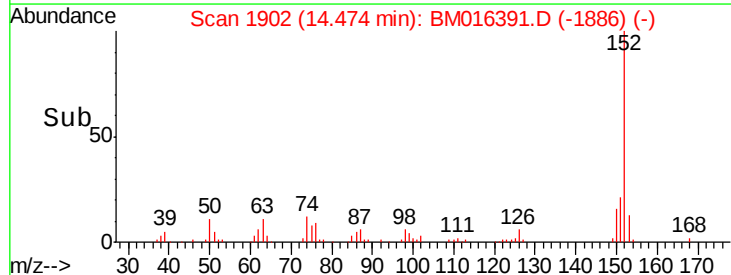
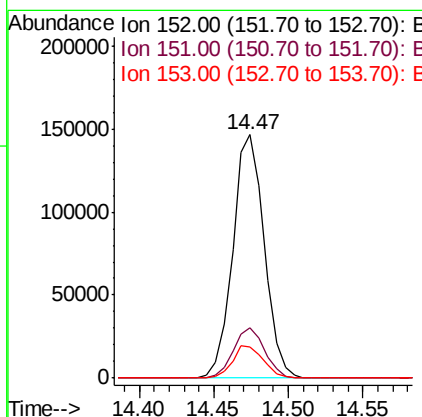
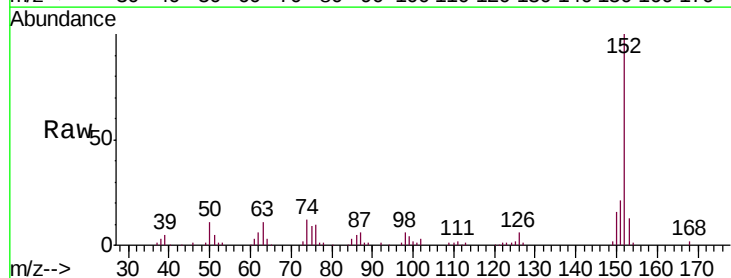
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

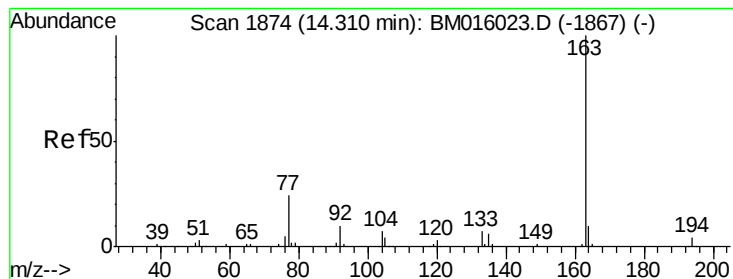
Tgt Ion: 65 Resp: 43940
Ion Ratio Lower Upper
65 100
92 60.0 59.1 88.7
138 87.8 93.9 140.9#



#48
Acenaphthylene
Concen: 43.948 ng
RT: 14.47 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion: 152 Resp: 214698
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 41.860 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

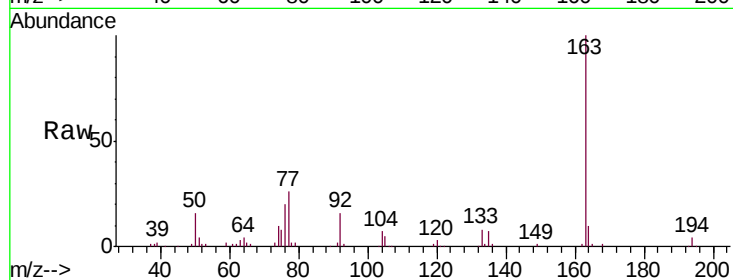
Tgt Ion:163 Resp: 174166

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

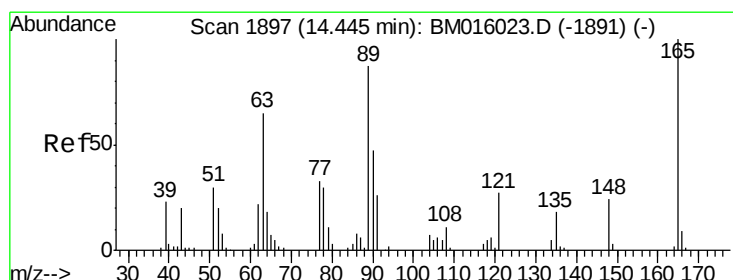
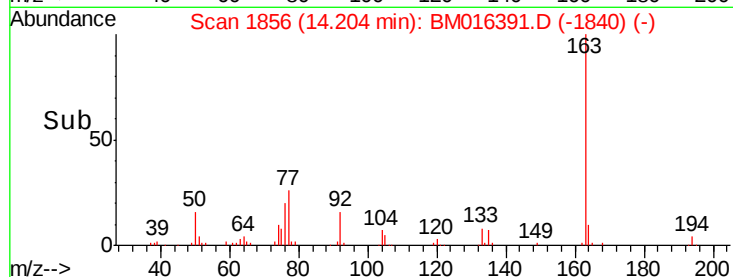
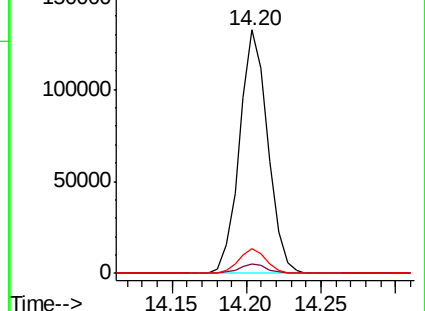
164 10.1 8.2 12.2



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: 40.501 ng

RT: 14.34 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

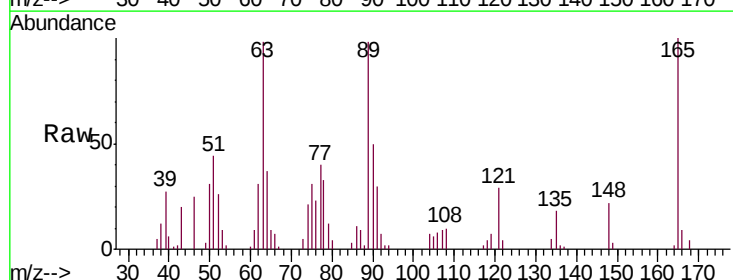
Tgt Ion:165 Resp: 33905

Ion Ratio Lower Upper

165 100

63 97.5 44.1 66.1#

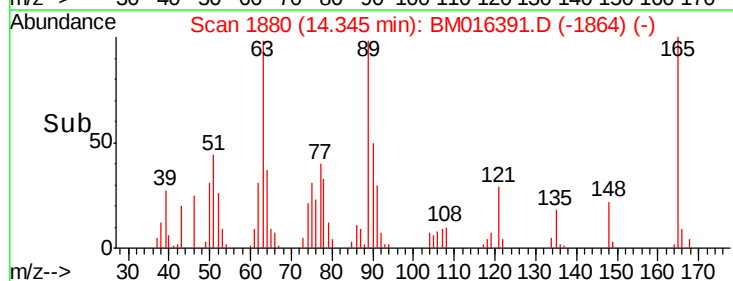
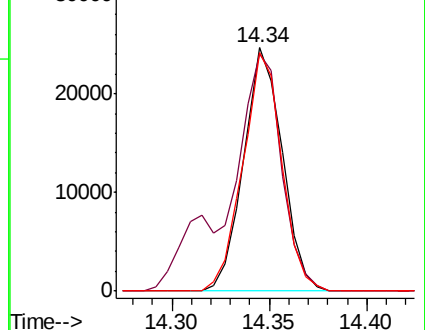
89 97.7 44.3 66.5#

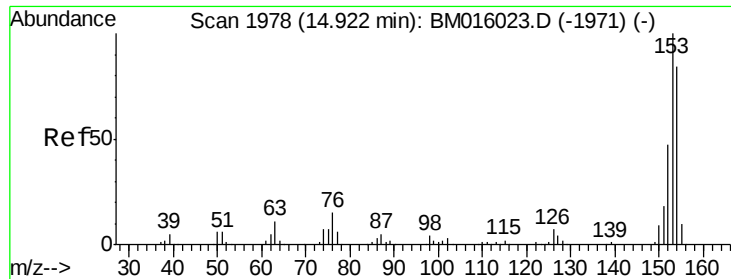


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.739 ng

RT: 14.81 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

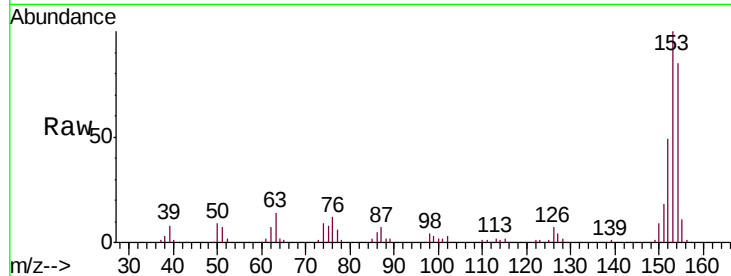
Tgt Ion:154 Resp: 122402

Ion Ratio Lower Upper

154 100

153 117.3 90.0 135.0

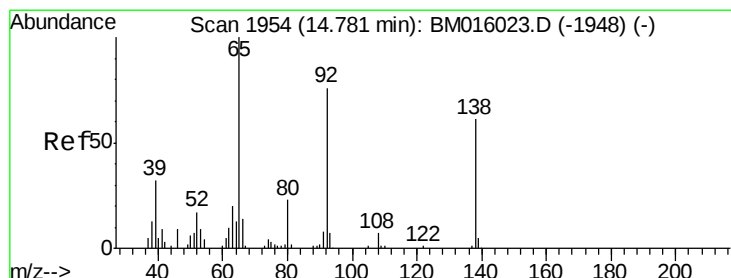
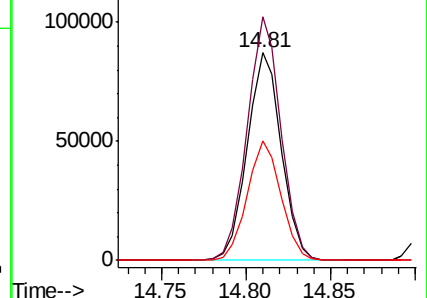
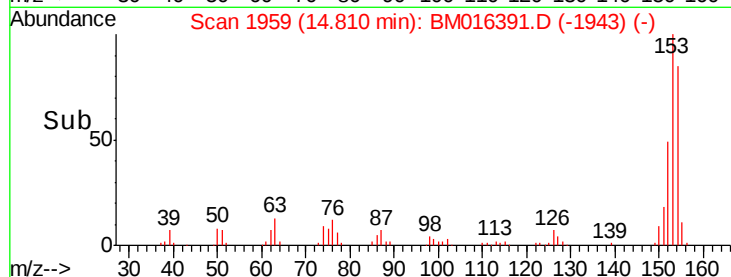
152 57.7 42.6 63.8



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: 26.570 ng

RT: 14.69 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

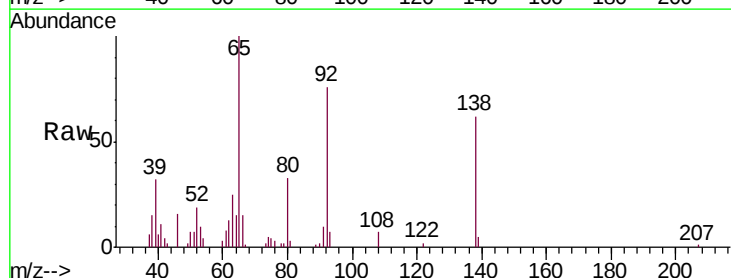
Tgt Ion:138 Resp: 24025

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

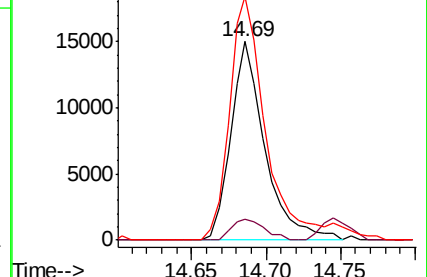
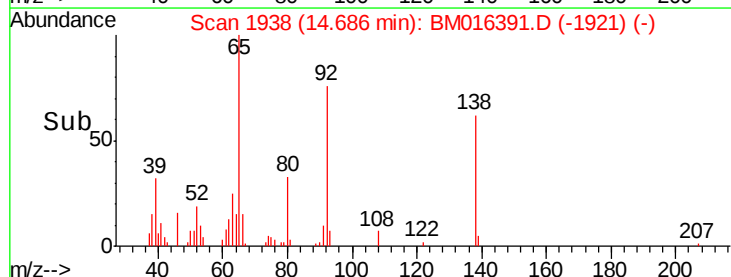
92 122.6 76.6 114.8#

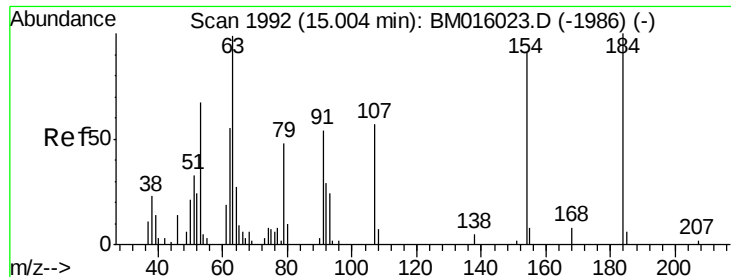


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

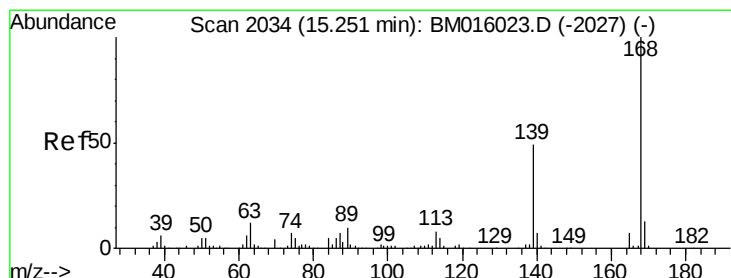
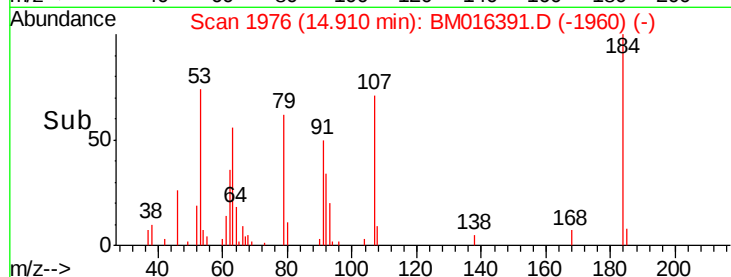
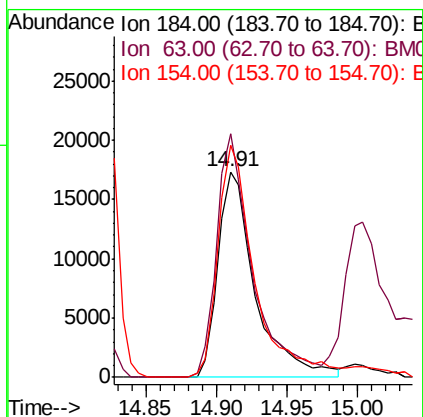
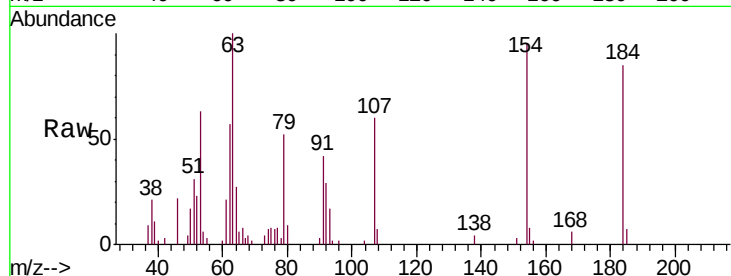




#53
2,4-Dinitrophenol
Concen: 88.472 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

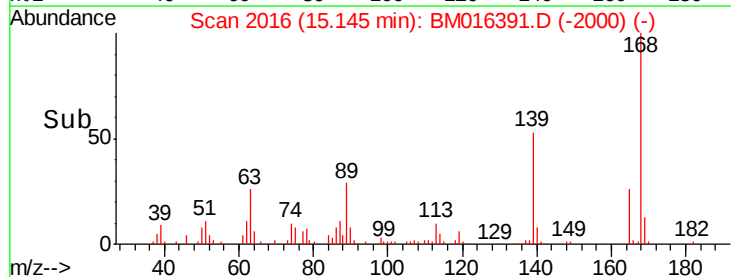
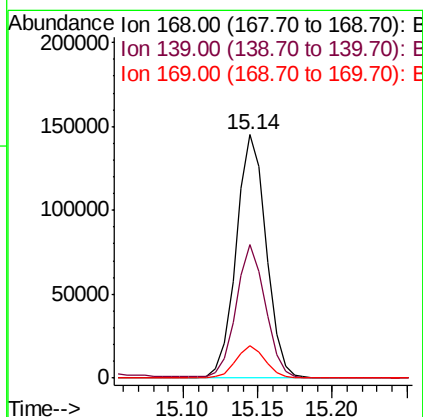
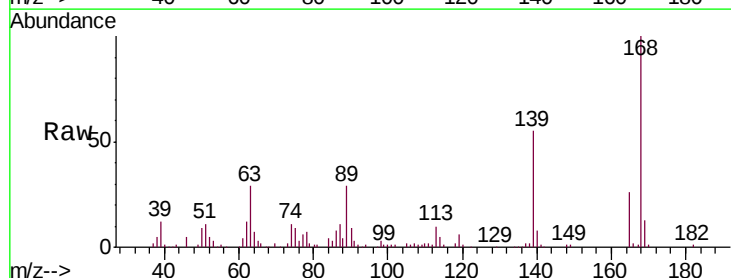
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

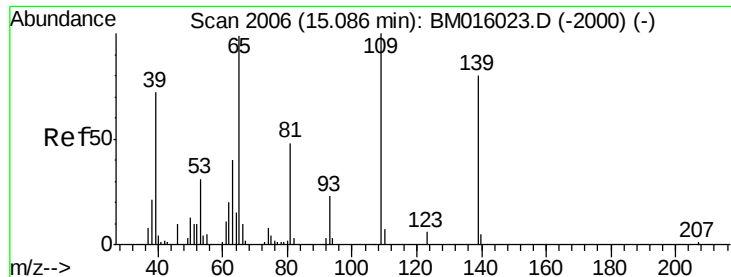
Tgt Ion:184 Resp: 32055
Ion Ratio Lower Upper
184 100
63 118.3 69.2 103.8#
154 112.5 53.3 79.9#



#54
Dibenzofuran
Concen: 40.965 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion:168 Resp: 202822
Ion Ratio Lower Upper
168 100
139 54.7 27.3 40.9#
169 13.3 10.6 16.0

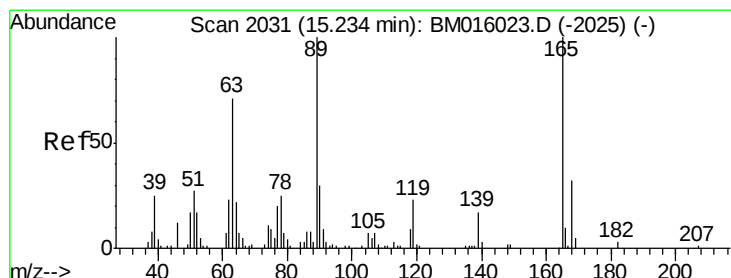
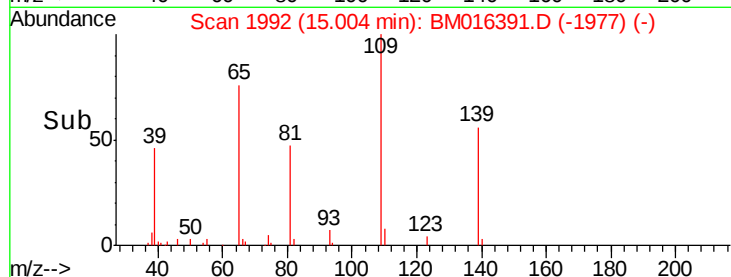
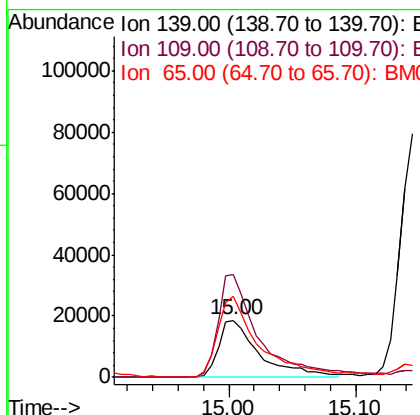
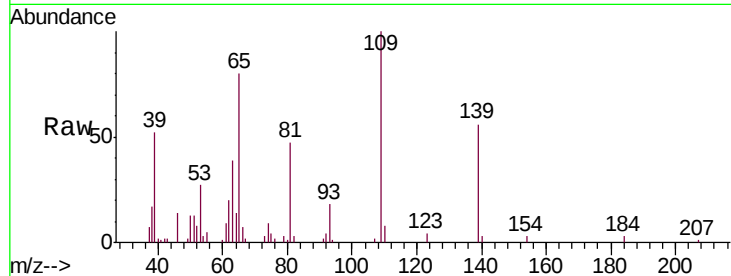




#55
4-Nitrophenol
Concen: 64.862 ng
RT: 15.00 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

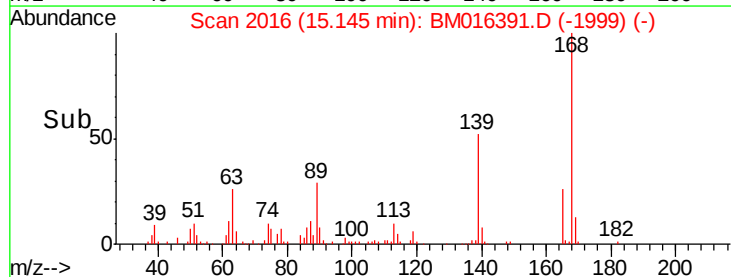
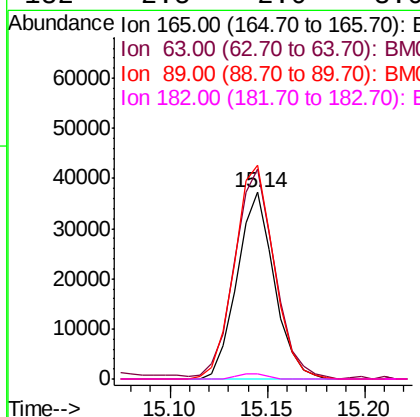
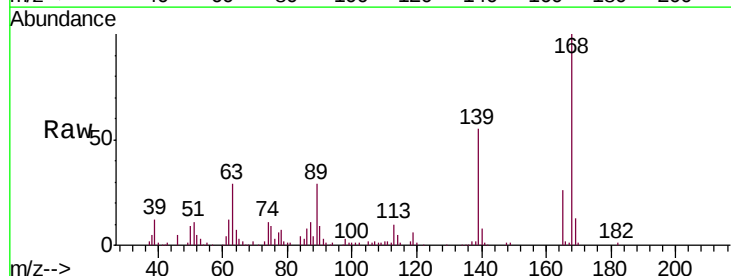
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

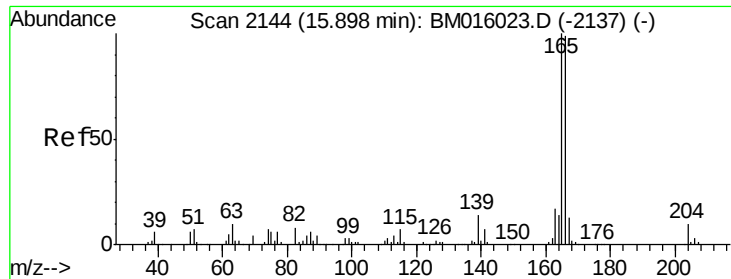
Tgt Ion:139 Resp: 42043
Ion Ratio Lower Upper
139 100
109 178.9 130.0 170.0#
65 142.4 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 41.005 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion:165 Resp: 49083
Ion Ratio Lower Upper
165 100
63 112.4 52.4 78.6#
89 114.7 72.4 108.6#
182 2.5 2.0 3.0

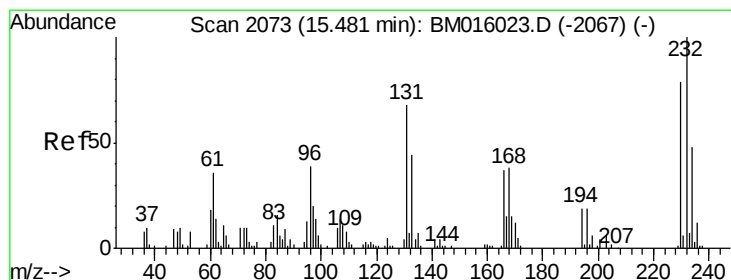
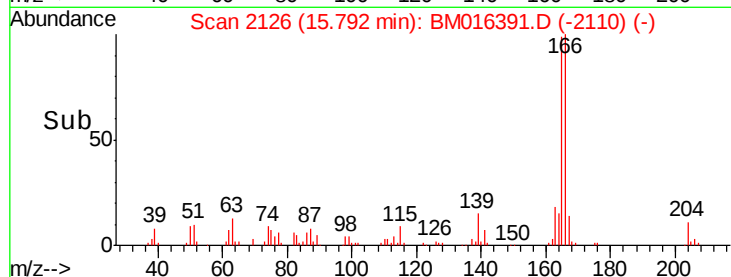
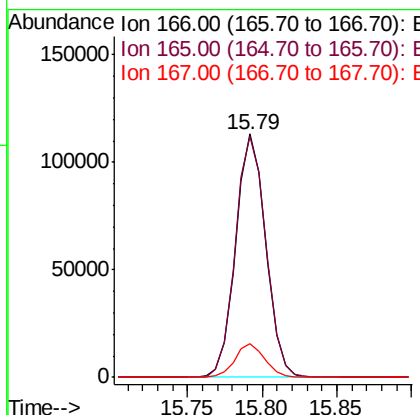
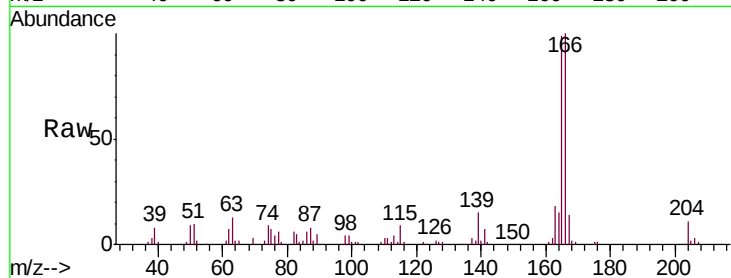




#57
 Fluorene
 Concen: 43.032 ng
 RT: 15.79 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

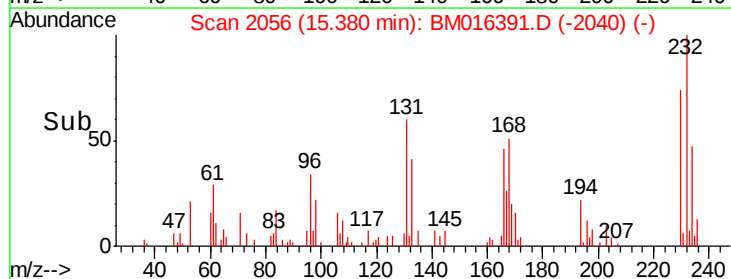
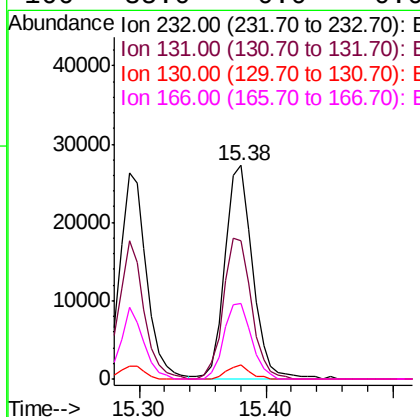
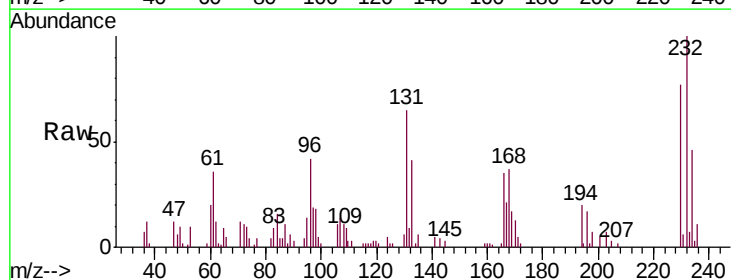
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

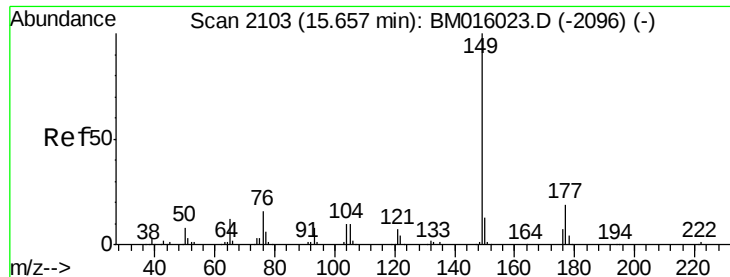
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	13.8	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.195 ng
 RT: 15.38 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	66.4	0.0	0.0#
130	5.4	0.0	0.0#
166	35.0	0.0	0.0#

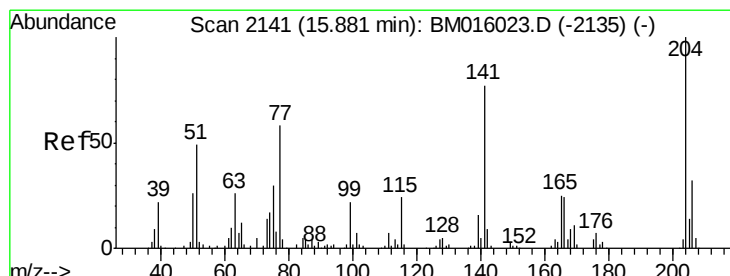
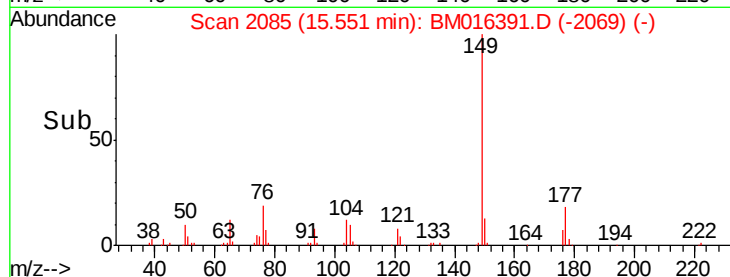
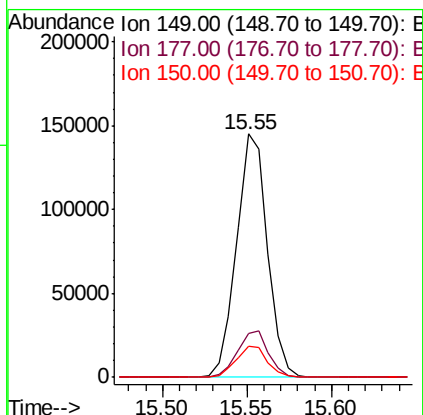
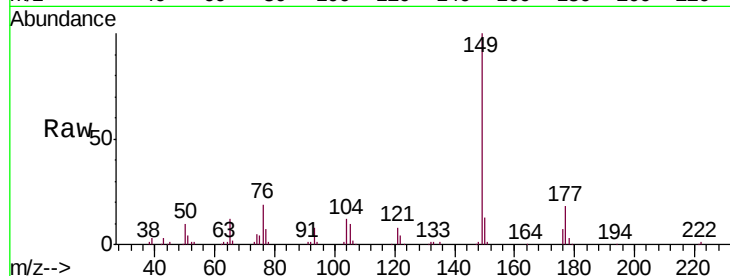




#59
Diethylphthalate
Concen: 41.135 ng
RT: 15.55 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

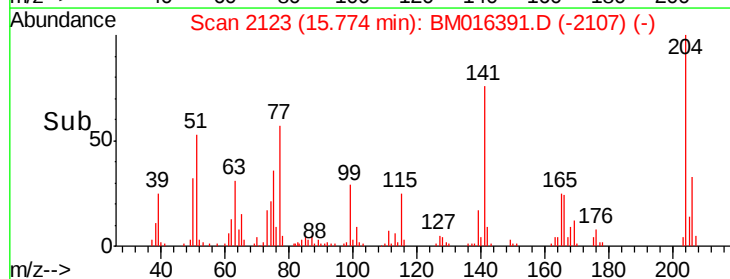
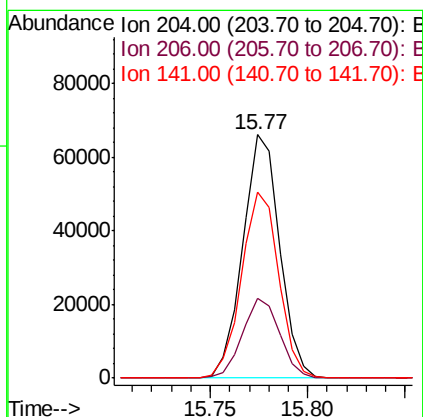
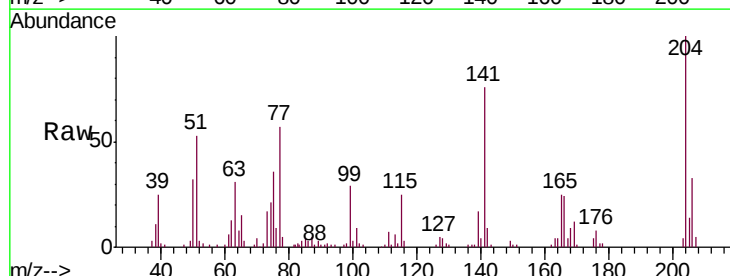
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

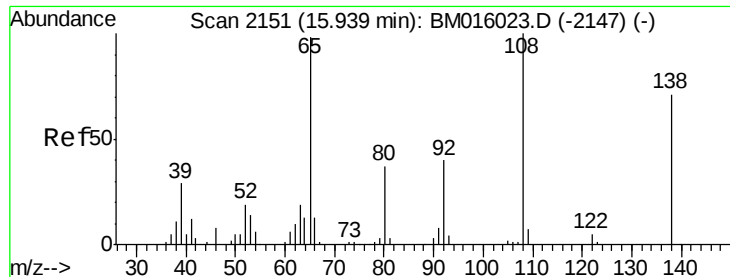
Tgt Ion:149 Resp: 184474
Ion Ratio Lower Upper
149 100
177 17.8 18.3 27.5#
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 42.294 ng
RT: 15.77 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion:204 Resp: 86625
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 76.2 45.2 67.8#

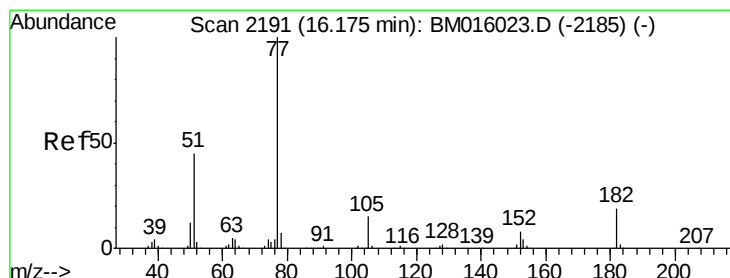
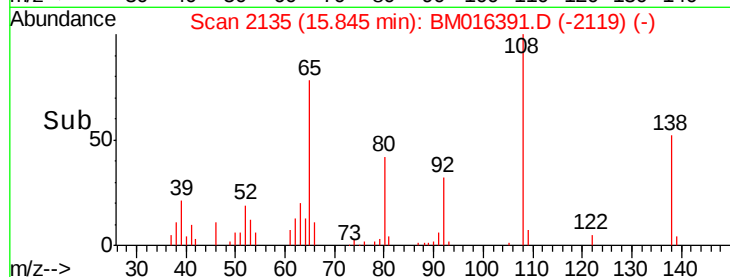
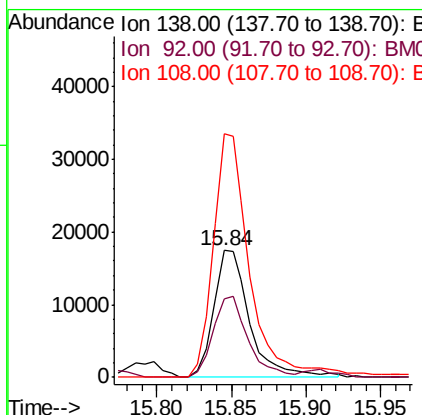
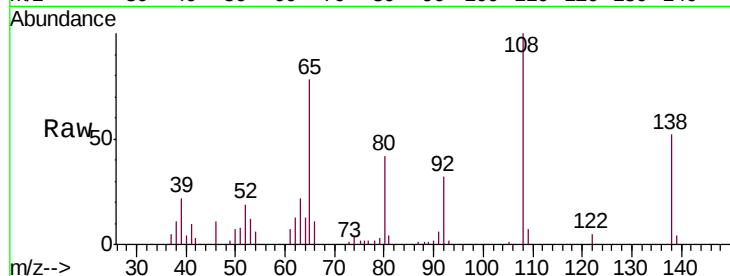




#61
4-Nitroaniline
Concen: 33.747 ng
RT: 15.84 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

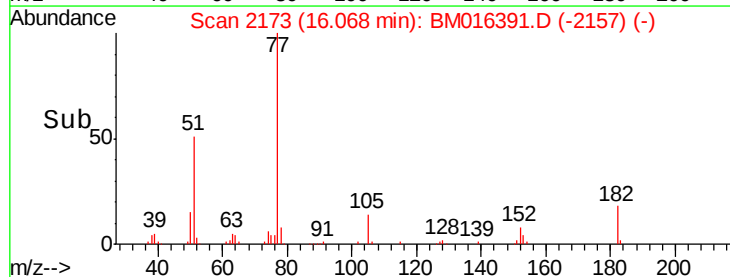
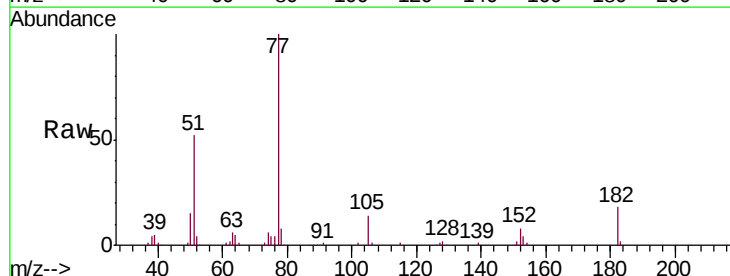
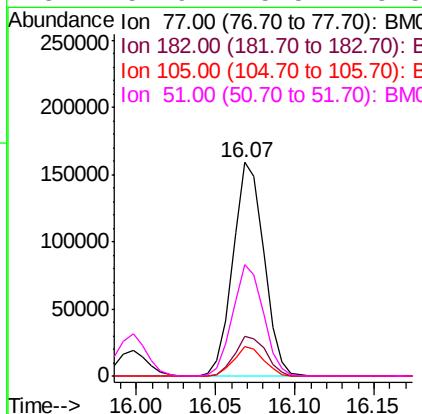
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

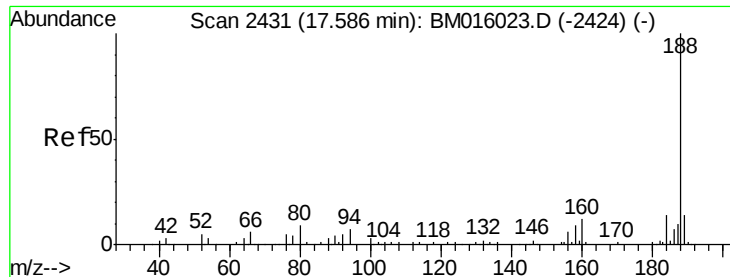
Tgt Ion: 138 Resp: 29277
Ion Ratio Lower Upper
138 100
92 62.3 16.7 56.7#
108 191.9 37.6 77.6#



#62
Azobenzene
Concen: 45.695 ng
RT: 16.07 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion: 77 Resp: 215814
Ion Ratio Lower Upper
77 100
182 18.3 6.5 46.5
105 13.7 3.8 43.8
51 51.9 5.5 45.5#

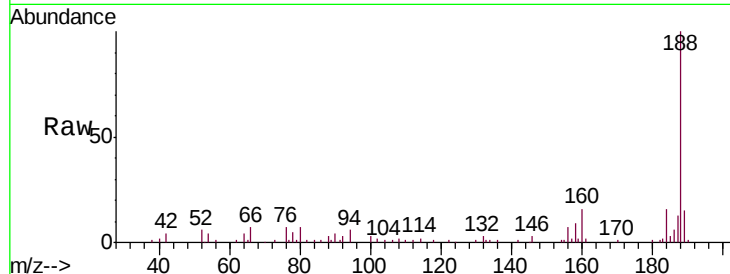




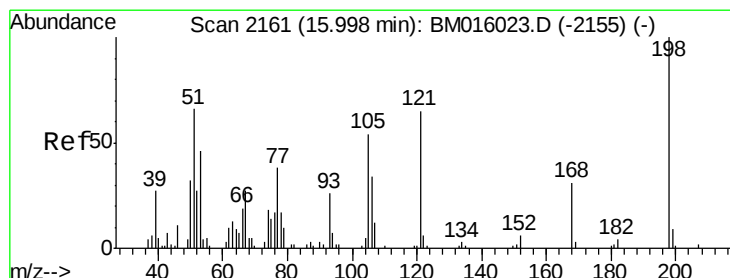
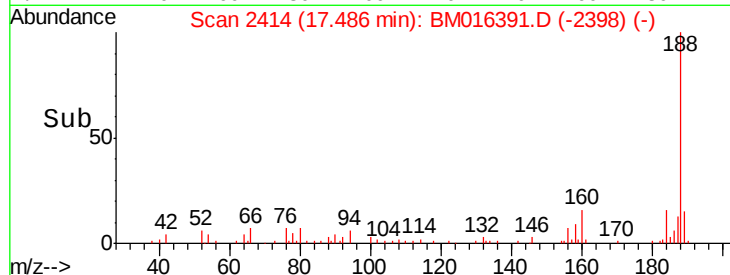
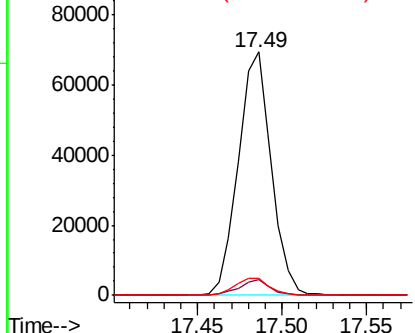
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

Tgt Ion:188 Resp: 94457
 Ion Ratio Lower Upper
 188 100
 94 6.2 8.7 13.1#
 80 7.0 9.3 13.9#

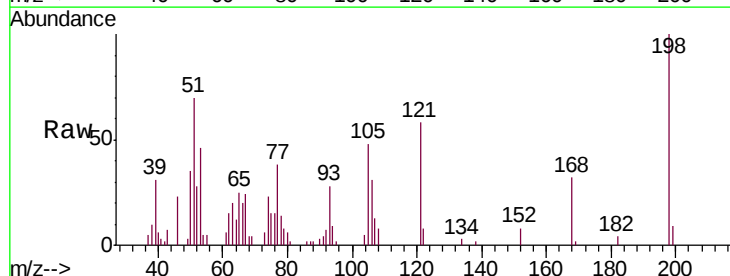


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM016391.D (-2398) (-)
 Ion 80.00 (79.70 to 80.70): BM016391.D (-2398) (-)

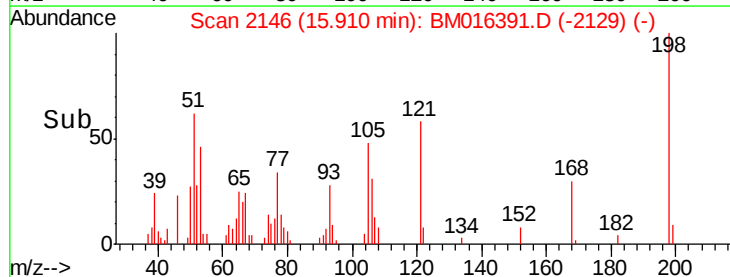
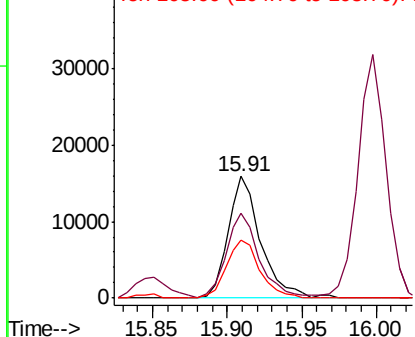


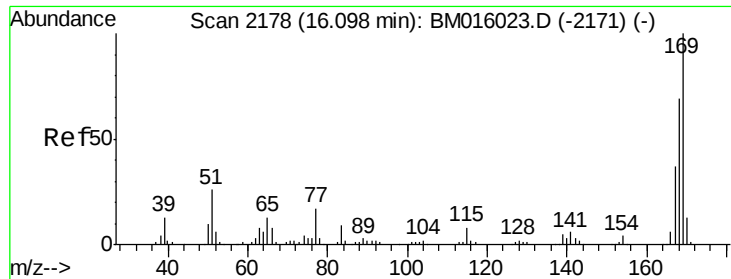
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.437 ng
 RT: 15.91 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:198 Resp: 24330
 Ion Ratio Lower Upper
 198 100
 51 69.8 28.8 68.8#
 105 47.7 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM016391.D (-2129) (-)
 Ion 105.00 (104.70 to 105.70): BM016391.D (-2129) (-)

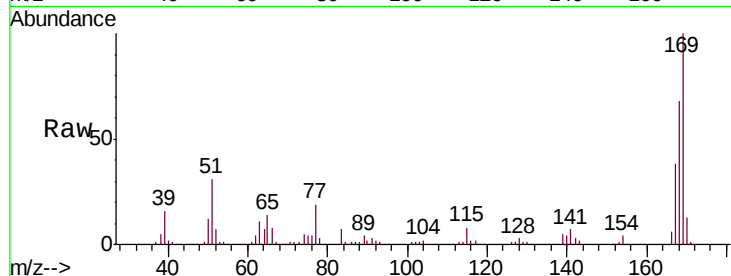




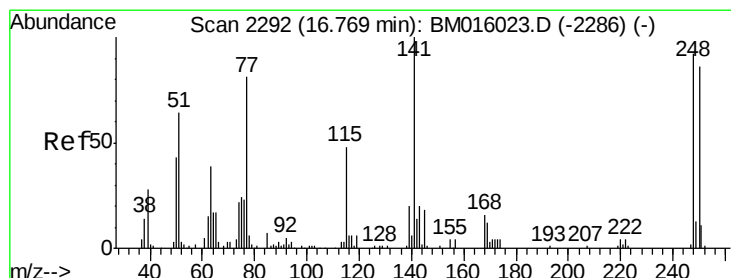
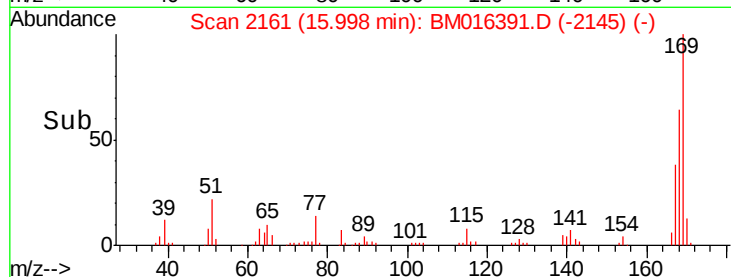
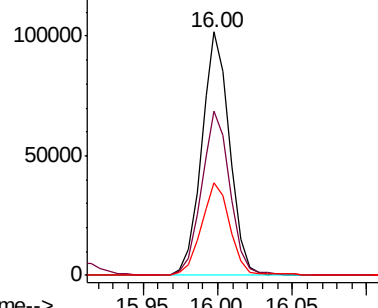
#65
n-Nitrosodiphenylamine
Concen: 42.707 ng
RT: 16.00 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Instrument :
BNA_M
ClientSampleId :
PB112011BSD

Tgt Ion:169 Resp: 132833
Ion Ratio Lower Upper
169 100
168 67.6 53.9 80.9
167 37.9 28.9 43.3

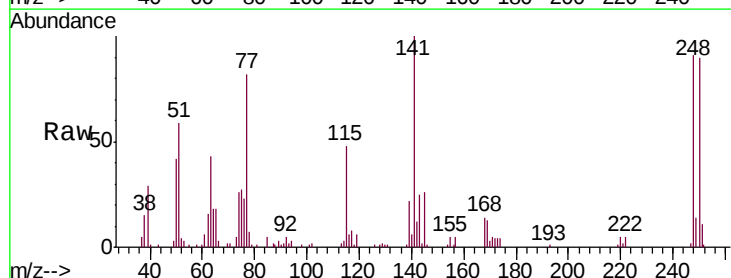


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

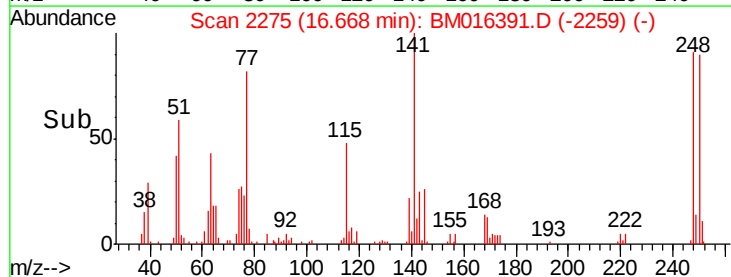
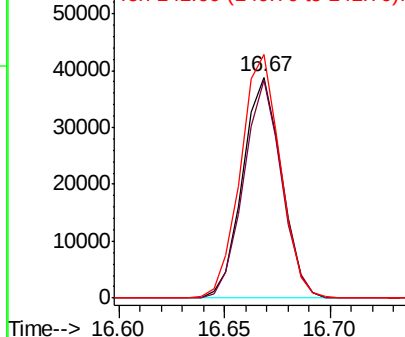


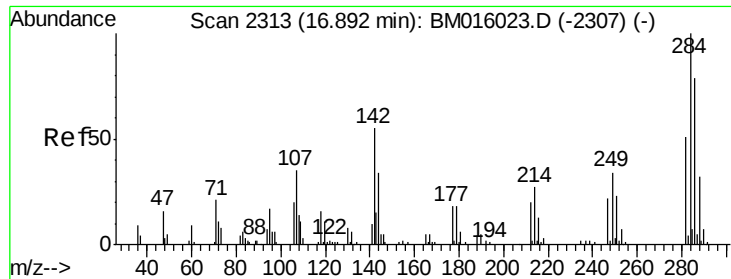
#66
4-Bromophenyl-phenylether
Concen: 46.518 ng
RT: 16.67 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion:248 Resp: 49755
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.0
141 110.2 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

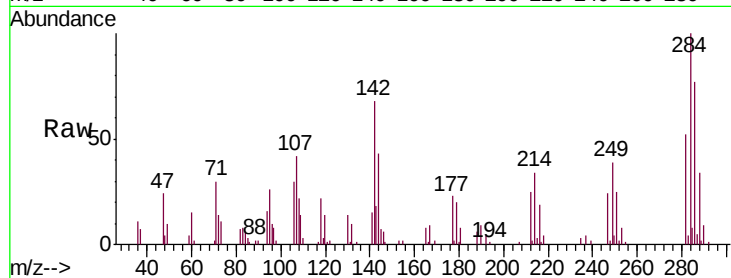




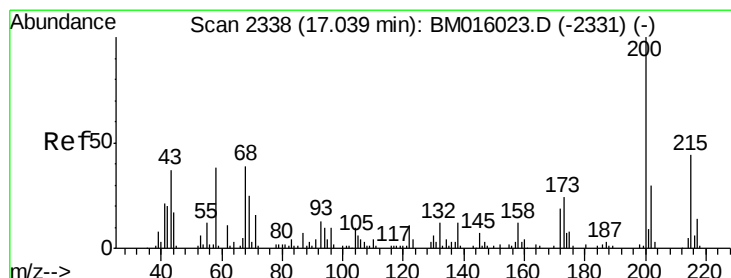
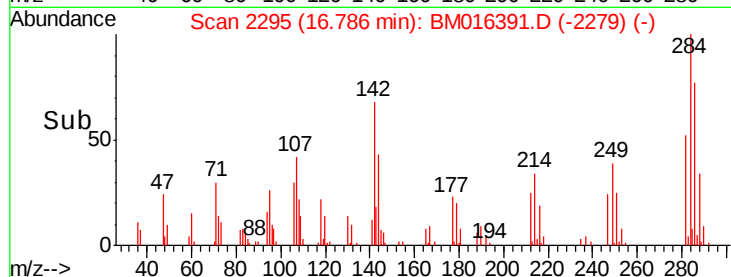
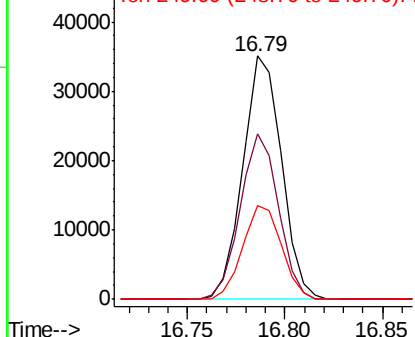
#67
Hexachlorobenzene
Concen: 40.953 ng
RT: 16.79 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Instrument :
BNA_M
ClientSampleId :
PB112011BSD

Tgt Ion:284 Resp: 48237
Ion Ratio Lower Upper
284 100
142 67.9 20.4 30.6#
249 42.4 23.8 35.6#

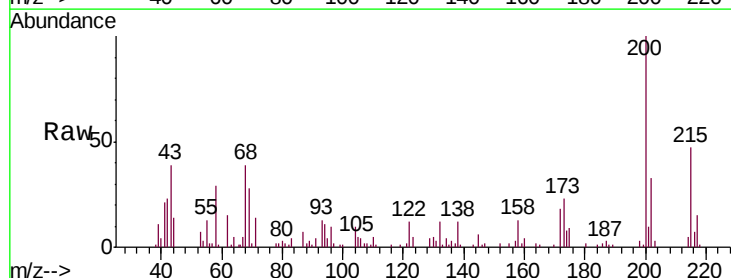


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

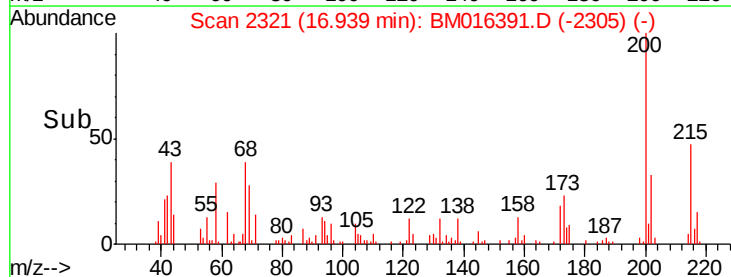
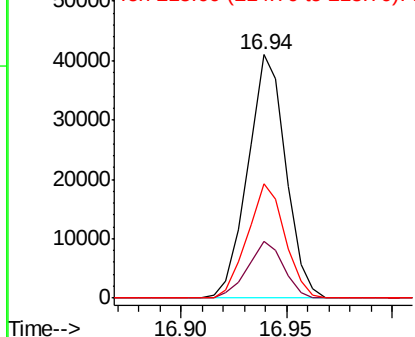


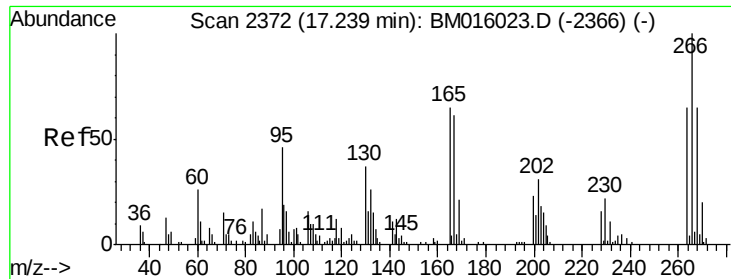
#68
Atrazine
Concen: 45.869 ng
RT: 16.94 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion:200 Resp: 51133
Ion Ratio Lower Upper
200 100
173 23.4 4.8 44.8
215 46.8 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: 66.377 ng

RT: 17.14 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

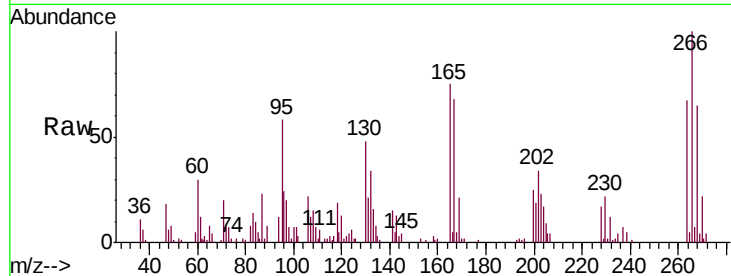
Tgt Ion:266 Resp: 48413

Ion Ratio Lower Upper

266 100

268 64.9 52.0 78.0

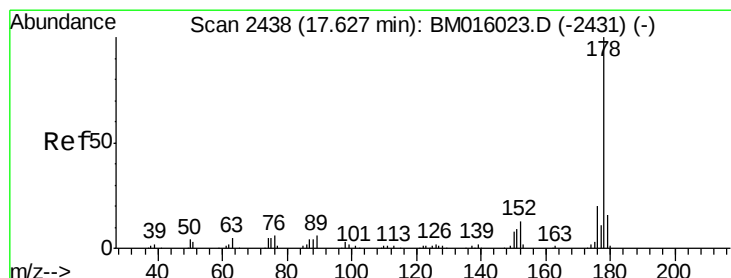
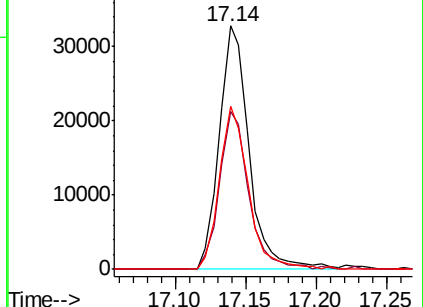
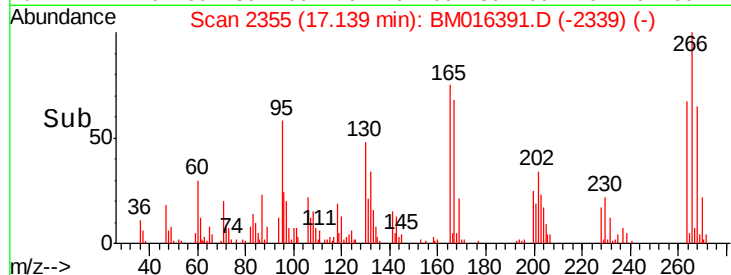
264 67.0 49.0 73.4



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: 43.580 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

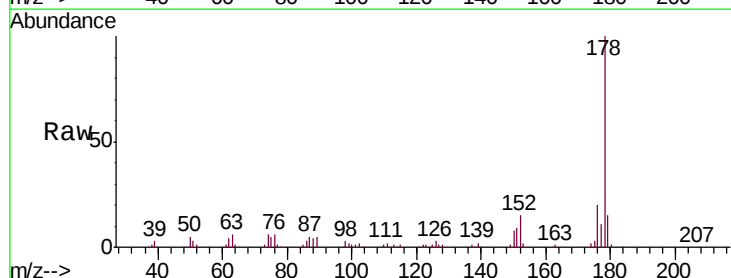
Tgt Ion:178 Resp: 230465

Ion Ratio Lower Upper

178 100

176 20.4 15.2 22.8

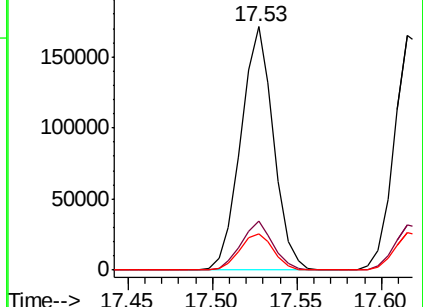
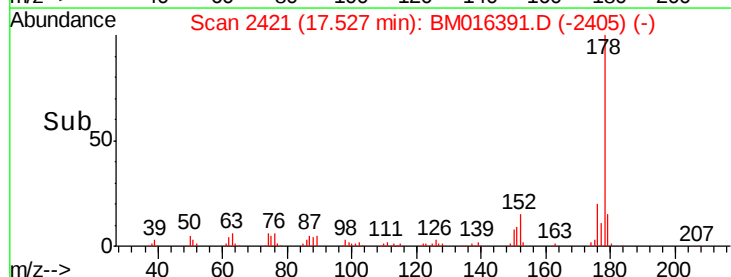
179 14.9 12.1 18.1

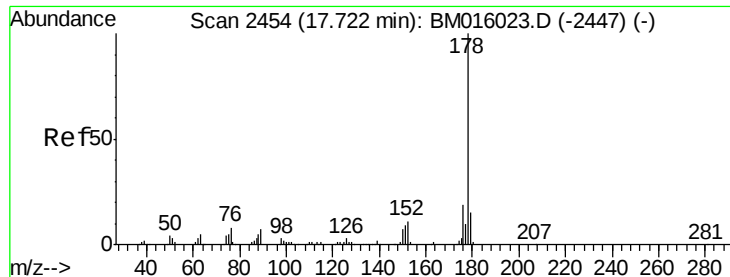


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

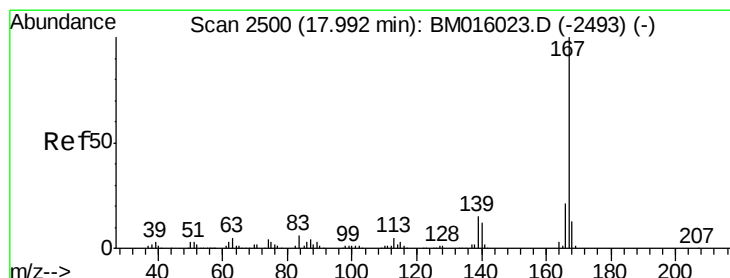
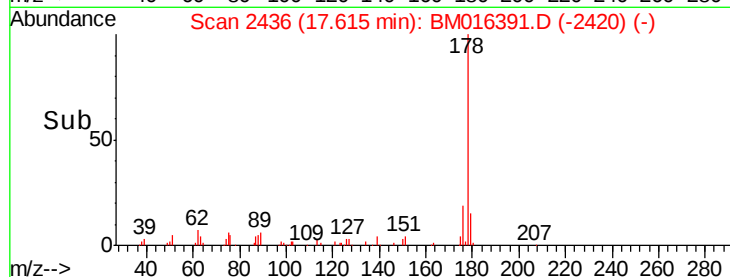
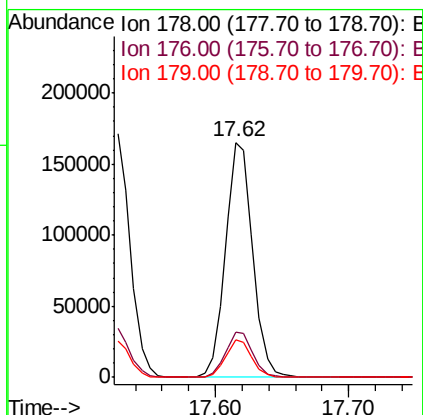
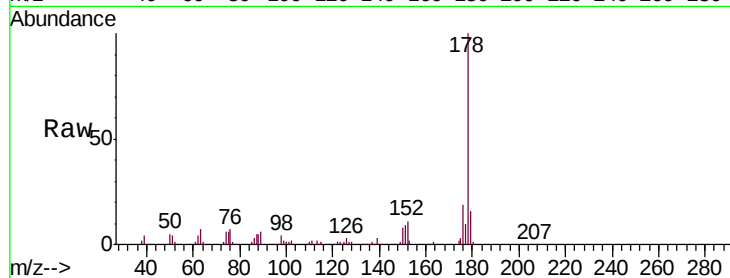




#71
 Anthracene
 Concen: 45.969 ng
 RT: 17.62 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

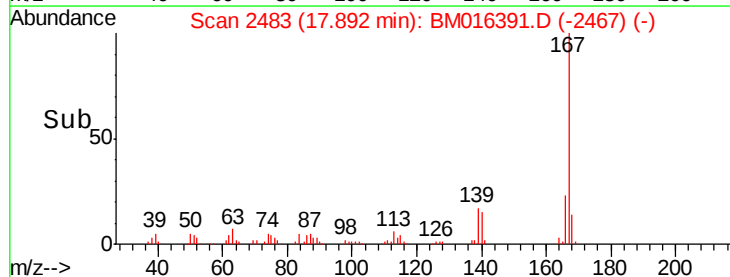
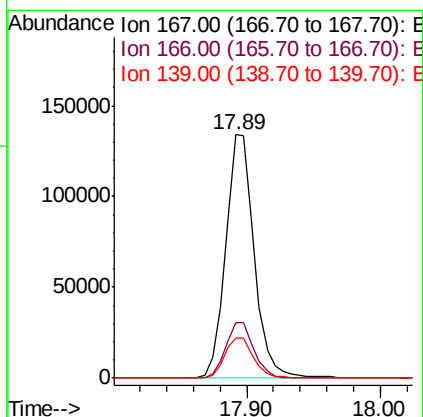
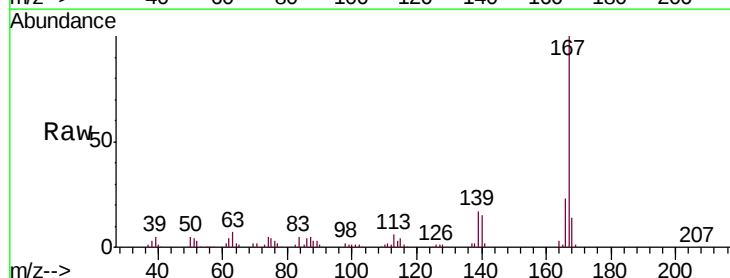
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

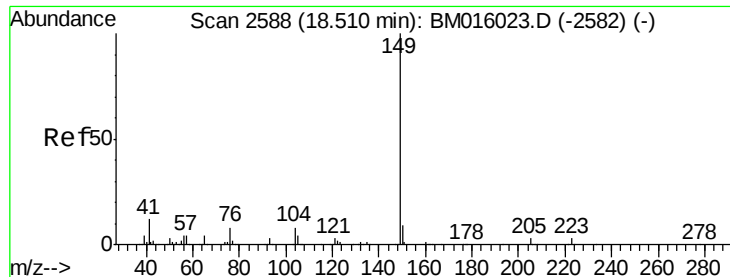
Tgt Ion:178 Resp: 236264
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.6 22.0
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.639 ng
 RT: 17.89 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:167 Resp: 200408
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.2 25.8
 139 16.6 10.8 16.2#

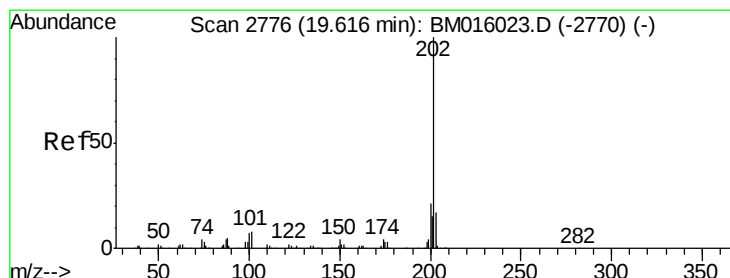
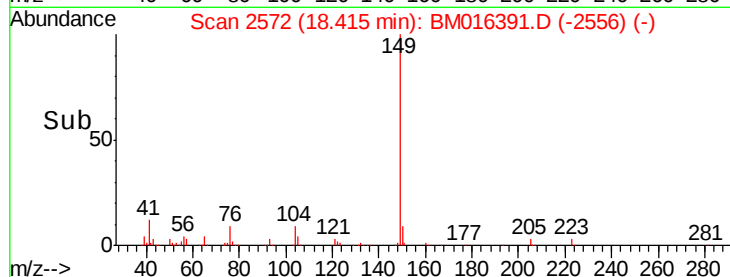
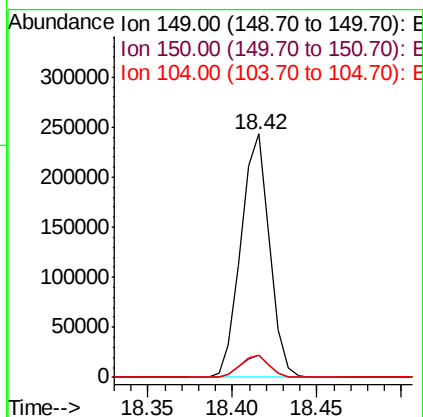
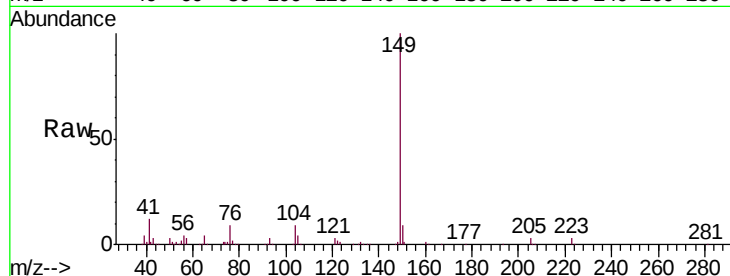




#73
Di-n-butylphthalate
Concen: 43.319 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

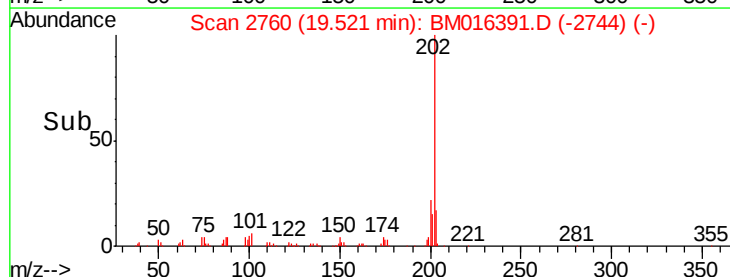
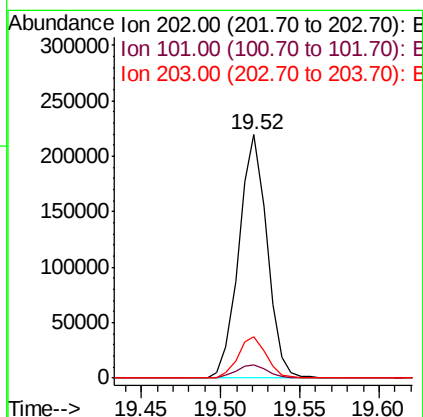
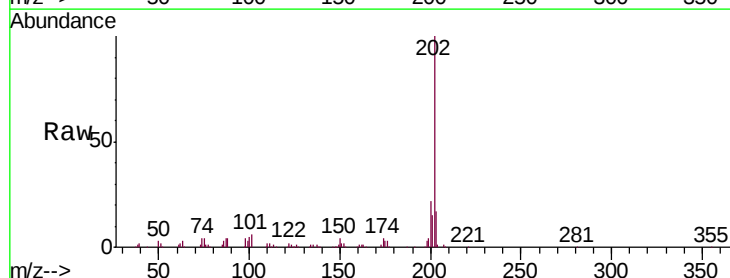
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

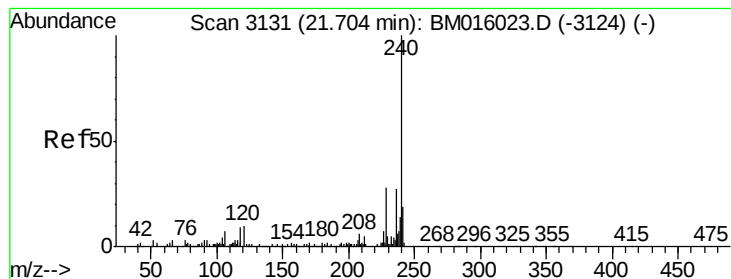
Tgt Ion:149 Resp: 287412
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 9.1 3.7 5.5#



#74
Fluoranthene
Concen: 45.776 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion:202 Resp: 270027
Ion Ratio Lower Upper
202 100
101 5.6 0.0 28.7
203 17.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

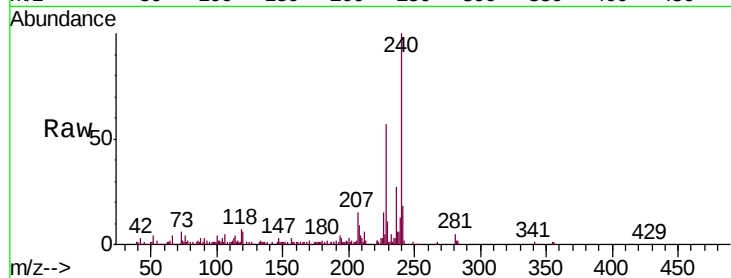
Tgt Ion:240 Resp: 114104

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

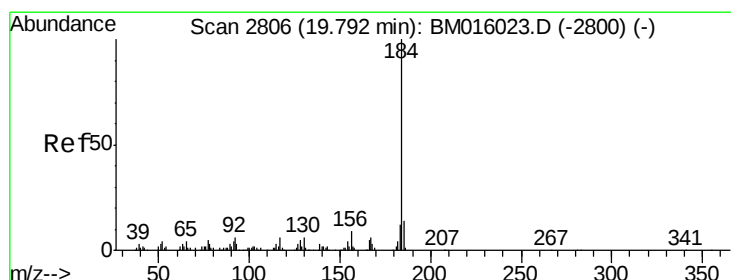
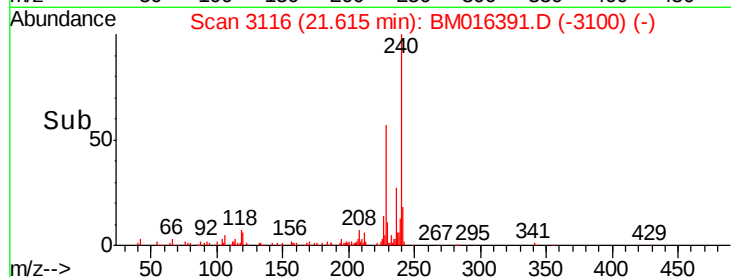
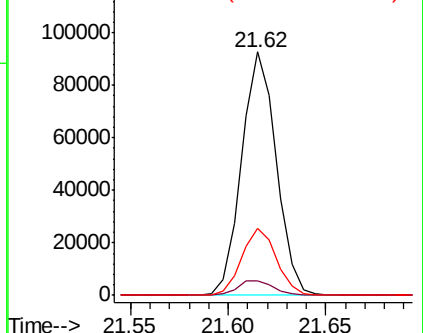
236 27.3 20.0 30.0



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: 43.872 ng

RT: 19.71 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

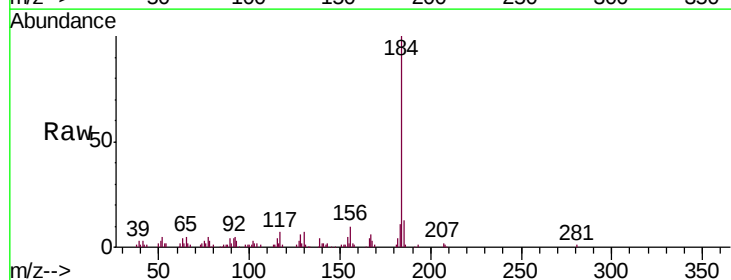
Tgt Ion:184 Resp: 139890

Ion Ratio Lower Upper

184 100

185 13.2 11.3 16.9

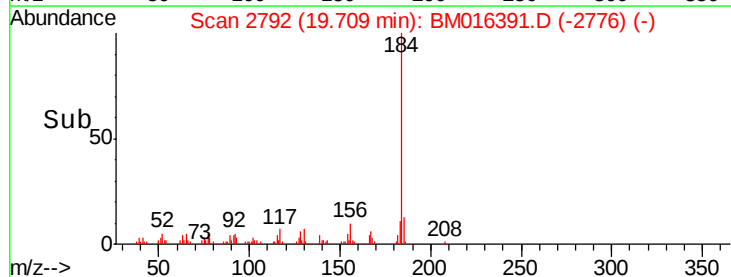
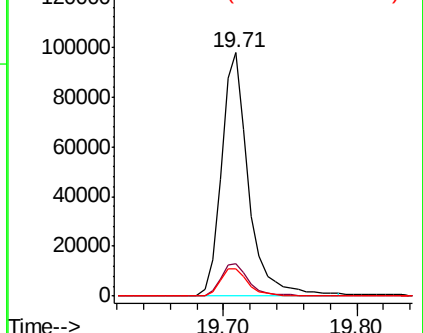
183 11.0 8.9 13.3

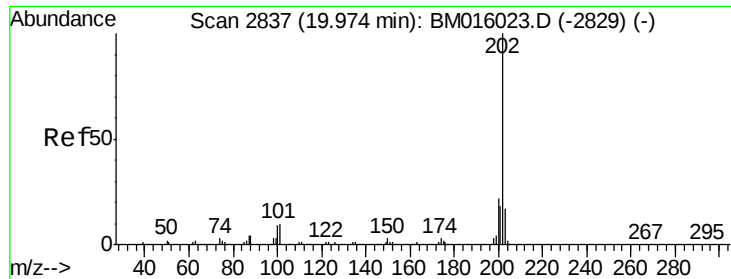


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

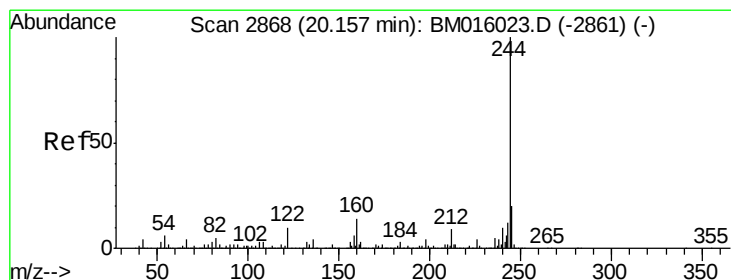
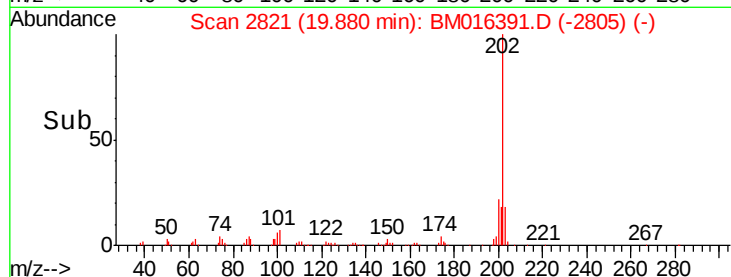
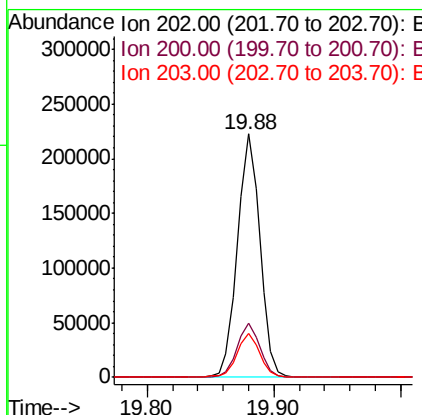
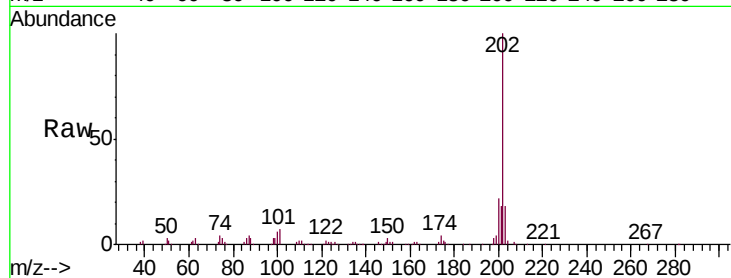




#77
 Pyrene
 Concen: 39.924 ng
 RT: 19.88 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

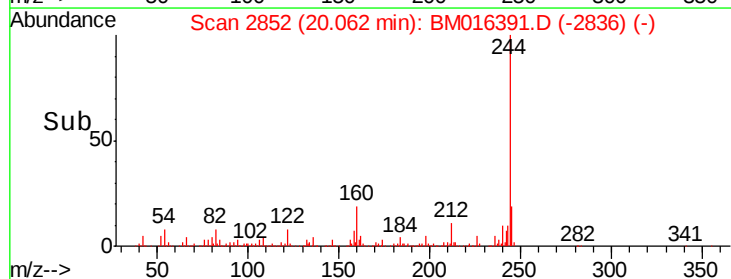
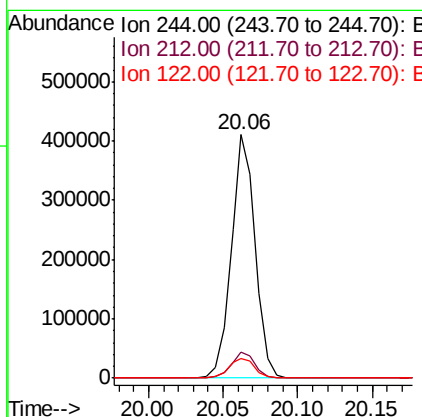
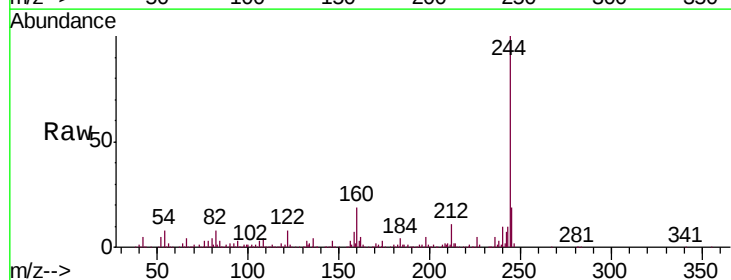
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

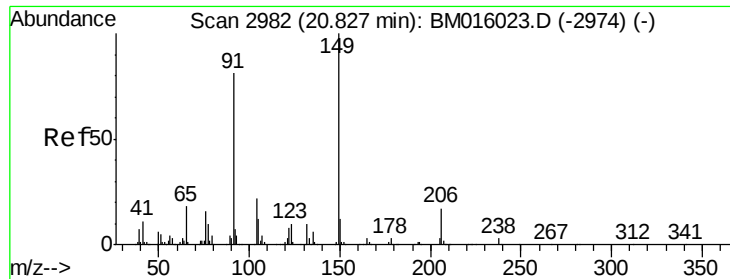
Tgt Ion:	202	Resp:	272996
Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.1	14.1	21.1



#78
 Terphenyl-d14
 Concen: 39.924 ng
 RT: 20.06 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion:	244	Resp:	457589
Ion	Ratio	Lower	Upper
244	100		
212	10.7	4.9	7.3#
122	8.2	6.2	9.4

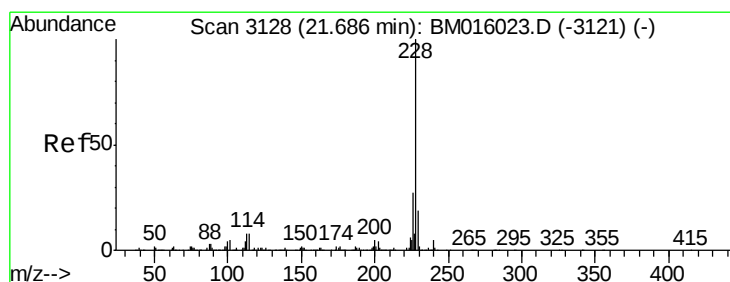
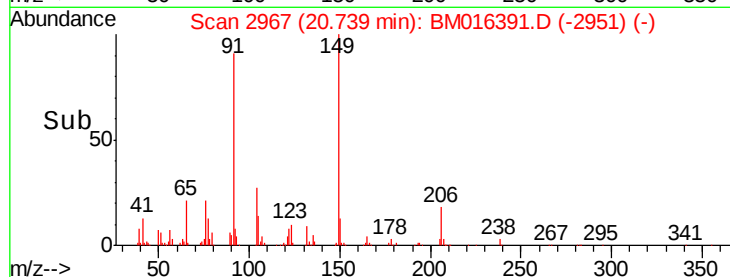
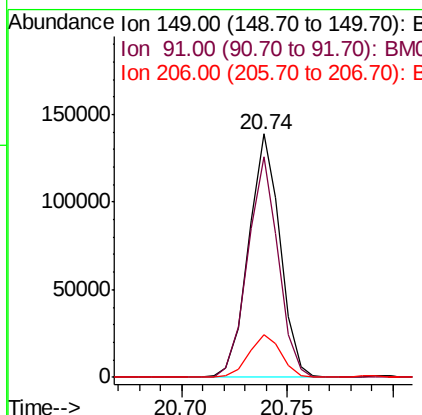
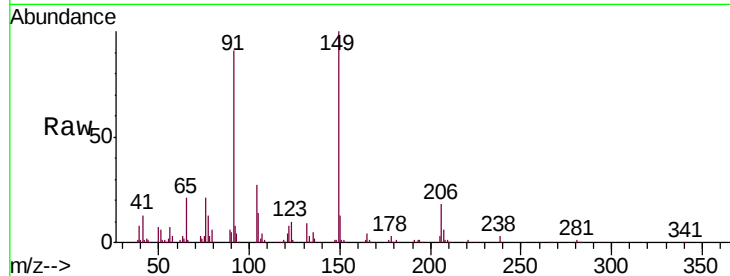




#79
Butylbenzylphthalate
Concen: 41.404 ng
RT: 20.74 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

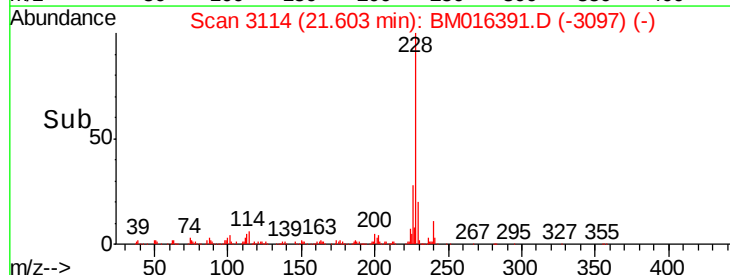
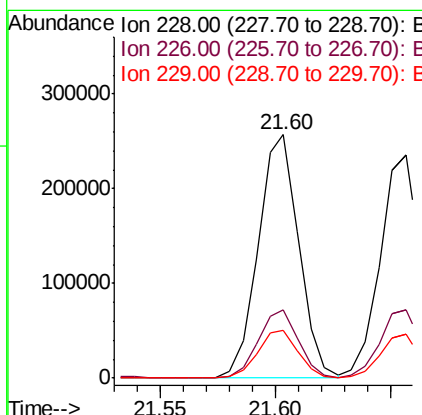
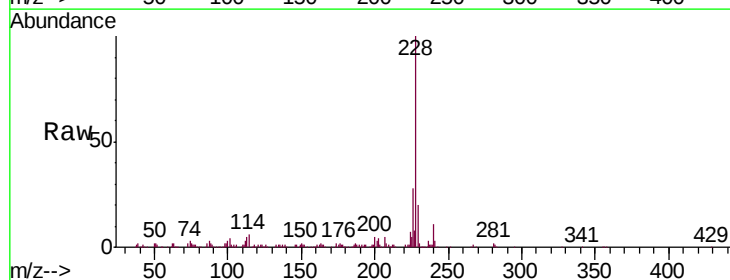
Instrument :
BNA_M
ClientSampleId :
PB112011BSD

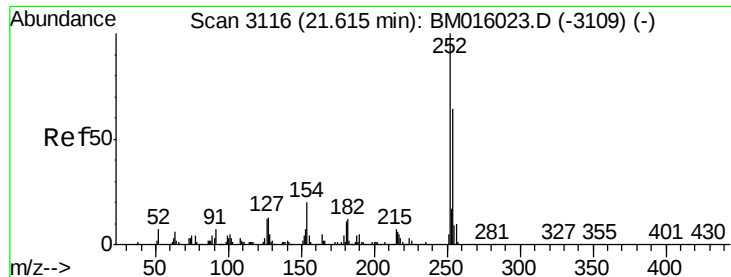
Tgt Ion	Ratio	Lower	Upper
149	100		
91	90.6	50.1	75.1#
206	17.6	16.2	24.2



#80
Benzo(a)anthracene
Concen: 44.830 ng
RT: 21.60 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BM016391.D
Acq: 15 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.7	32.5
229	19.8	16.0	24.0

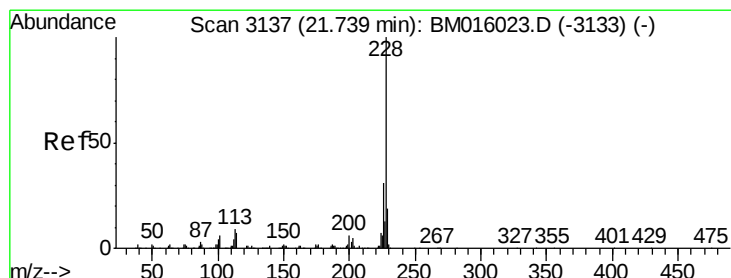
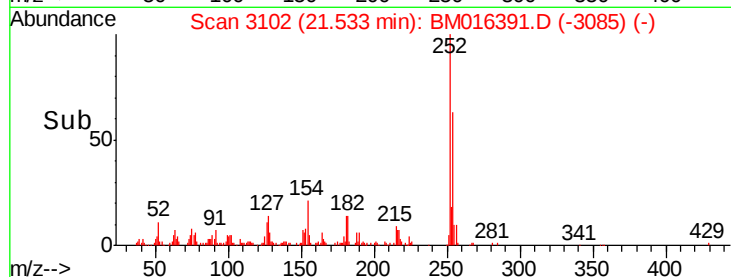
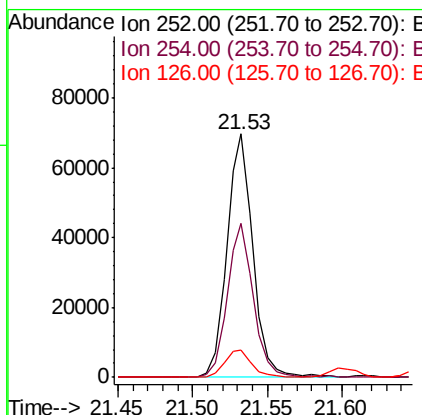
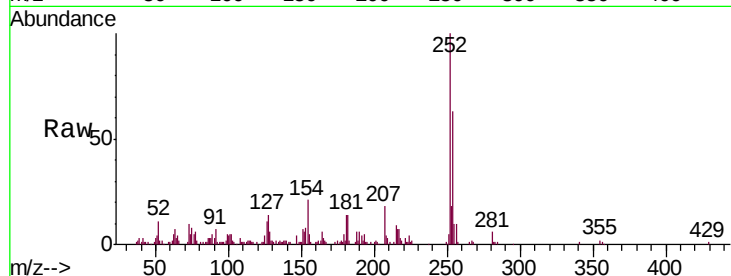




#81
 3,3'-Dichlorobenzidine
 Concen: 30.177 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

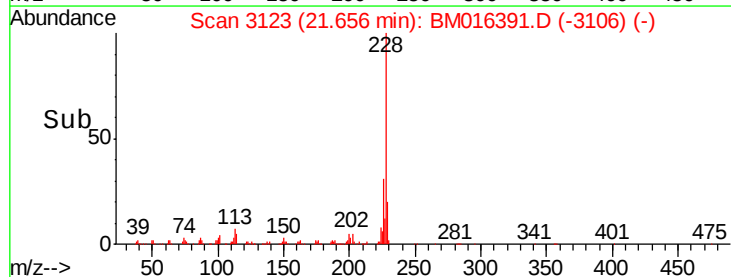
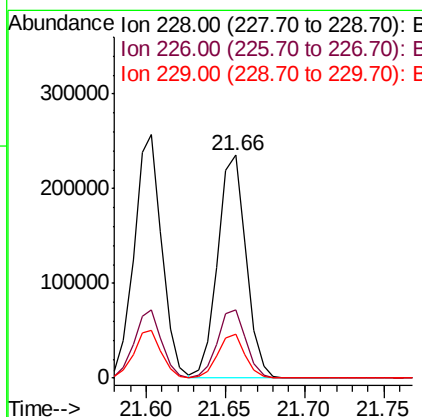
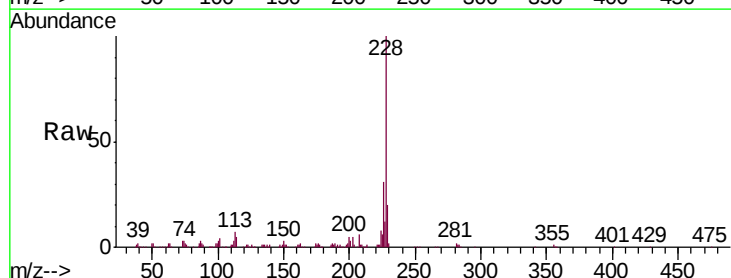
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

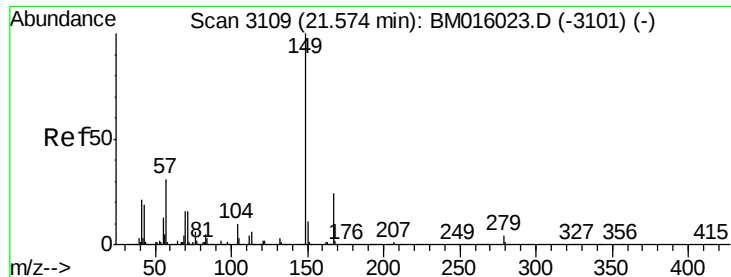
Tgt Ion: 252 Resp: 85421
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.9 77.9
 126 11.0 9.8 14.8



#82
 Chrysene
 Concen: 43.487 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion: 228 Resp: 293168
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.1 36.1
 229 19.6 15.5 23.3

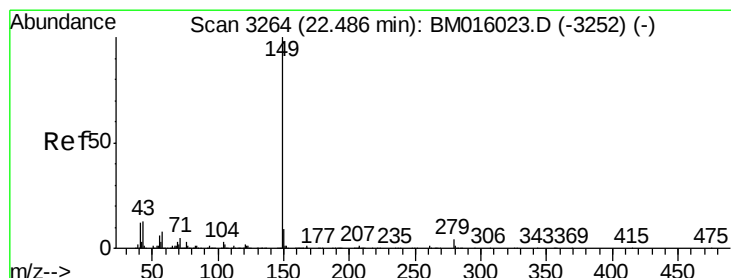
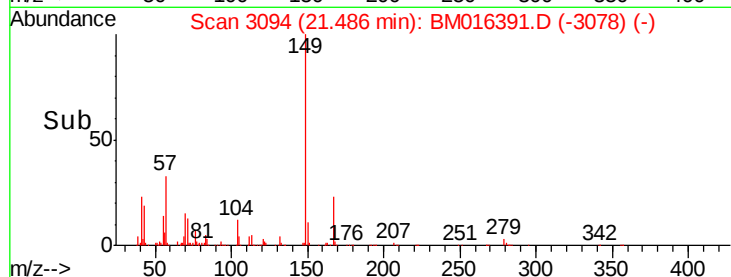
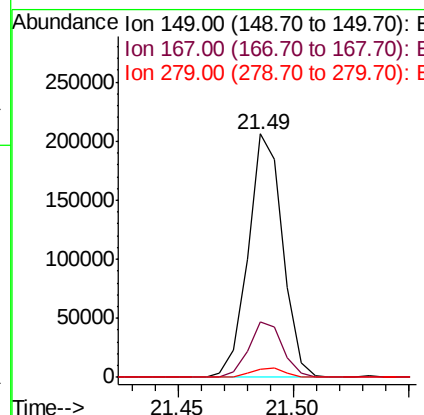
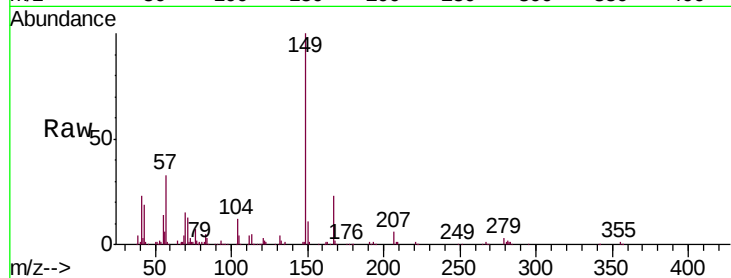




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.506 ng
 RT: 21.49 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

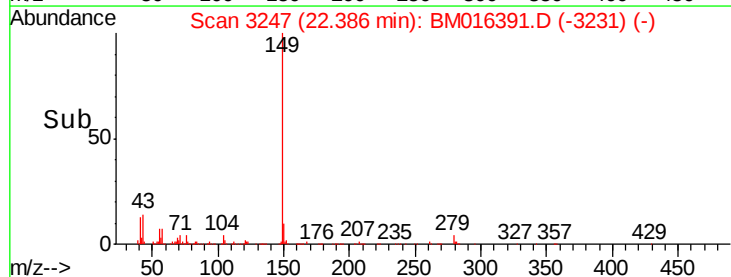
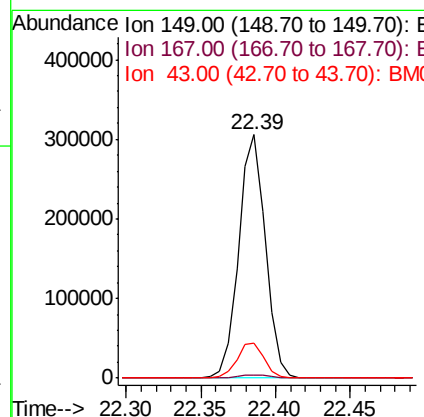
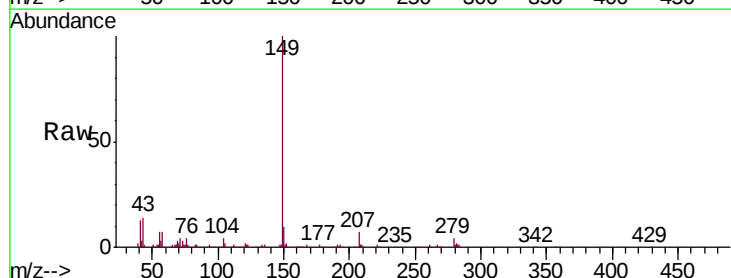
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BSD

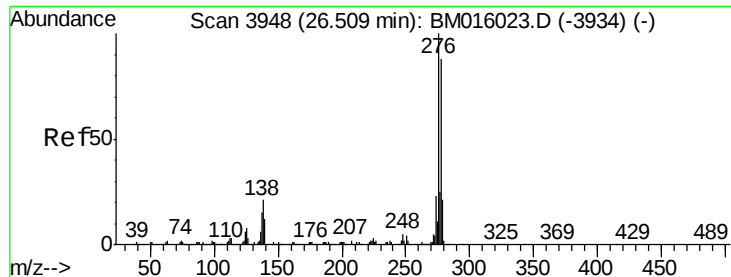
Tgt Ion	Ratio	Lower	Upper
149	100		
167	22.8	22.4	33.6
279	3.3	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 44.826 ng
 RT: 22.39 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BM016391.D
 Acq: 15 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.7	7.3	10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.320 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

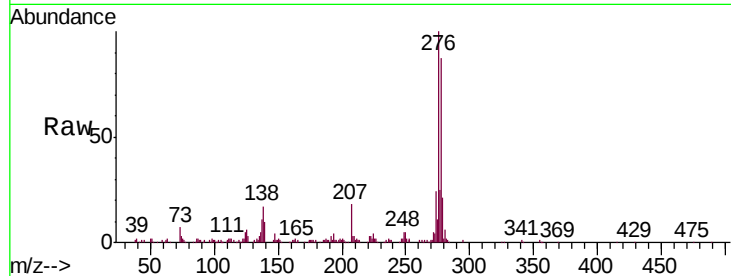
Tgt Ion:276 Resp: 386549

Ion Ratio Lower Upper

276 100

138 16.2 12.0 18.0

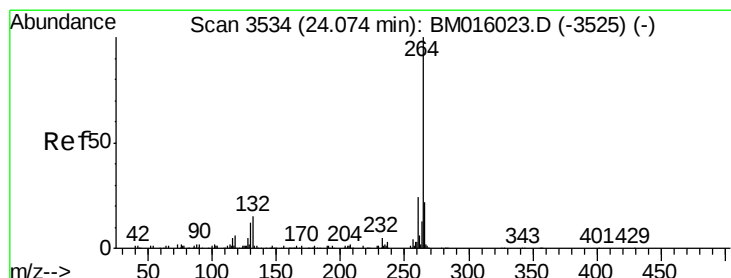
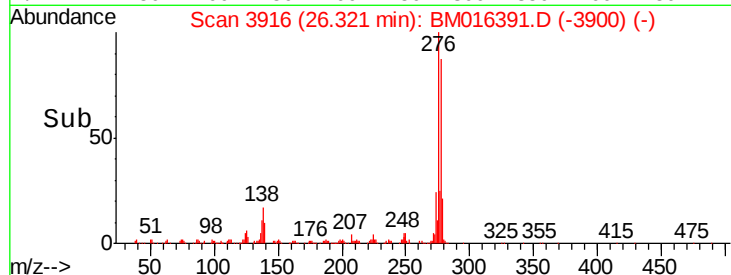
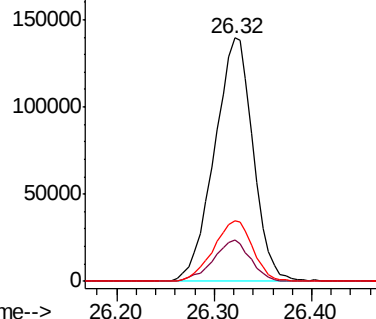
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 3511

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

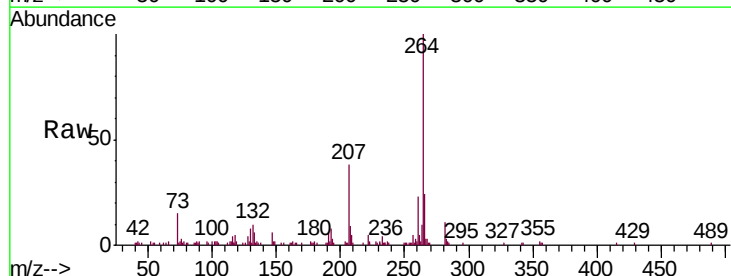
Tgt Ion:264 Resp: 116611

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

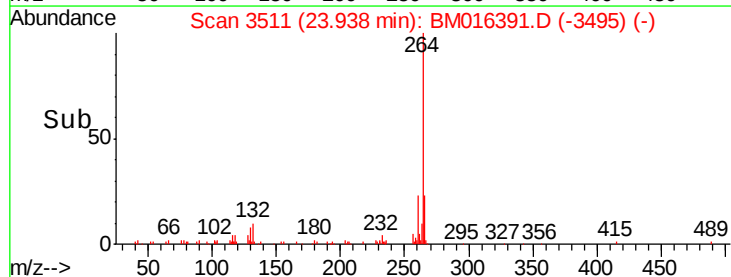
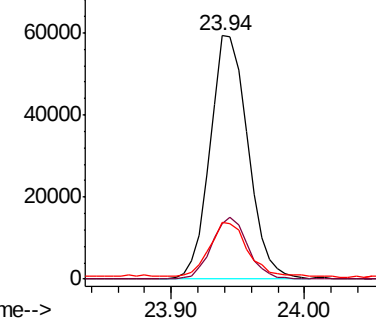
265 23.6 17.3 25.9

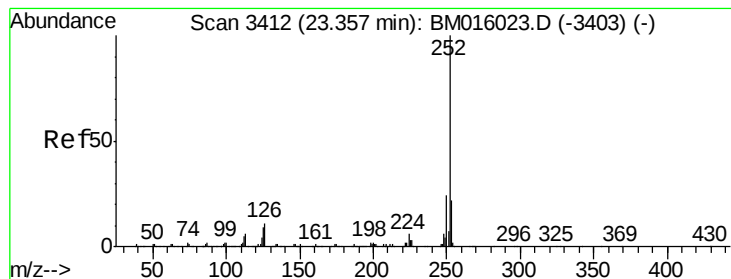


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.875 ng

RT: 23.24 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

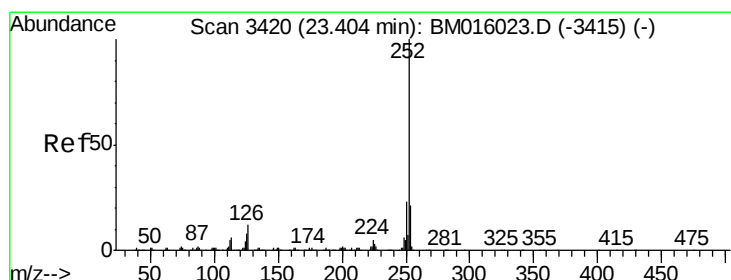
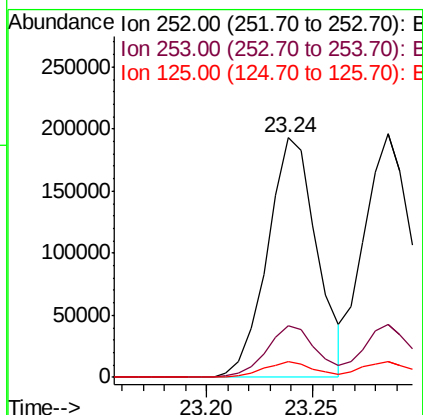
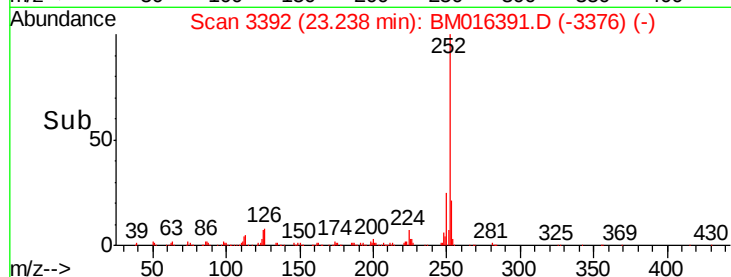
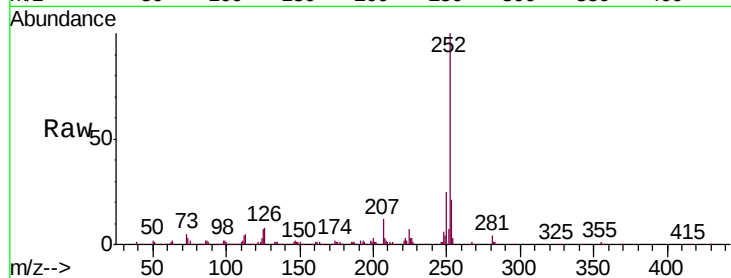
Tgt Ion:252 Resp: 314971

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 6.7 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 44.841 ng

RT: 23.29 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

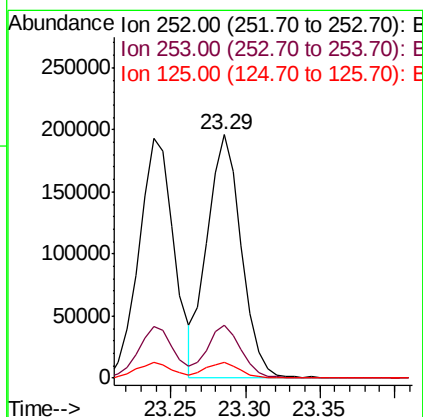
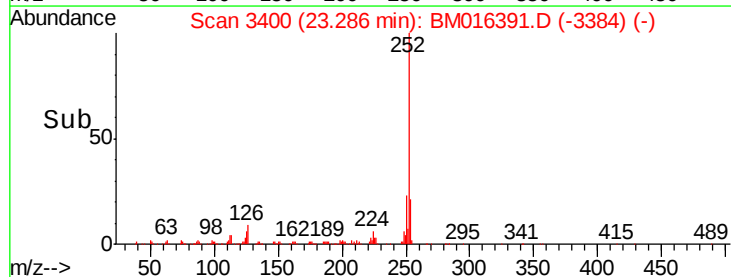
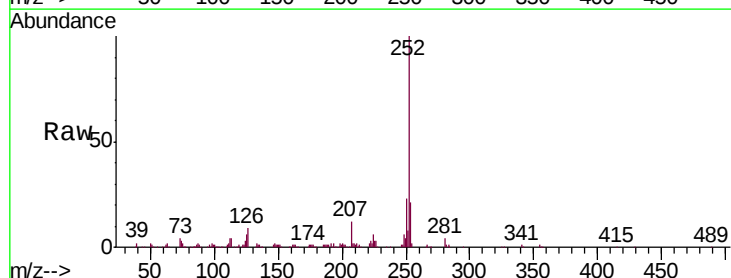
Tgt Ion:252 Resp: 312012

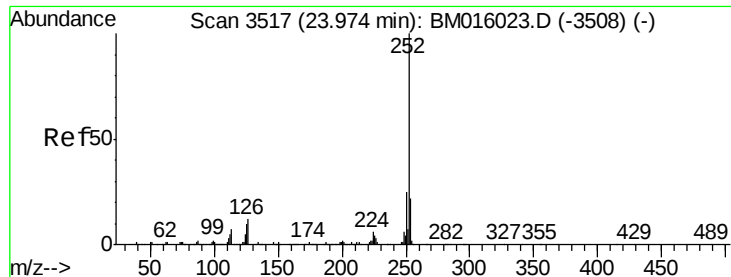
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 6.4 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 46.820 ng

RT: 23.84 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

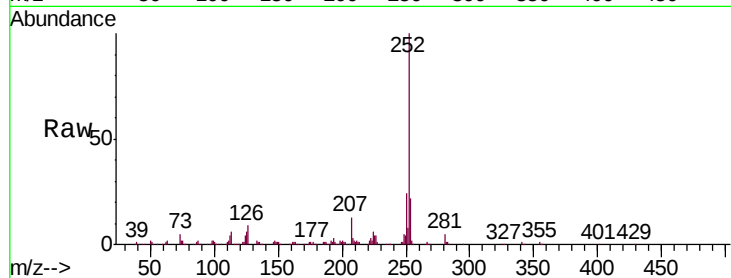
Tgt Ion: 252 Resp: 309026

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

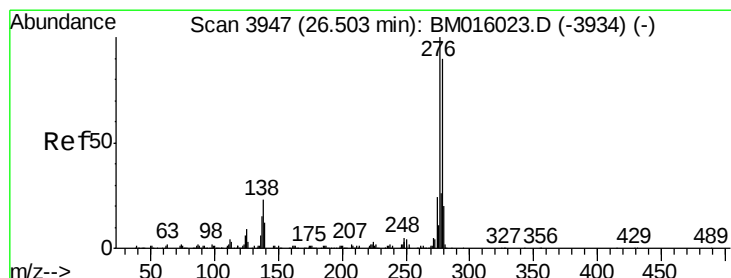
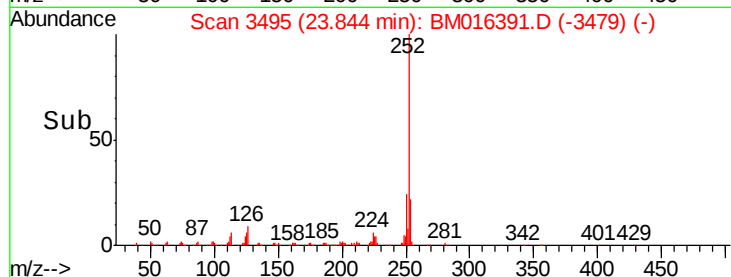
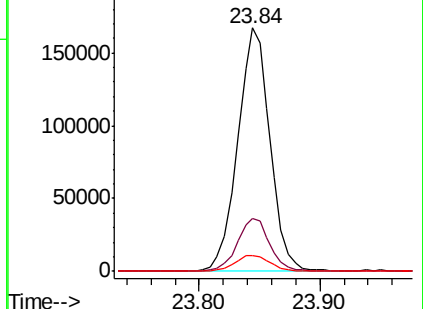
125 6.5 7.4 11.2#



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: 47.569 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

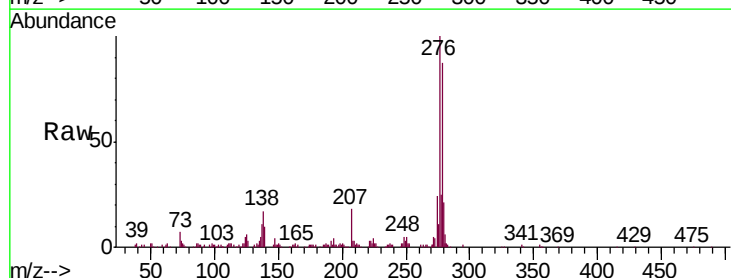
Tgt Ion: 278 Resp: 325296

Ion Ratio Lower Upper

278 100

139 11.0 13.4 20.0#

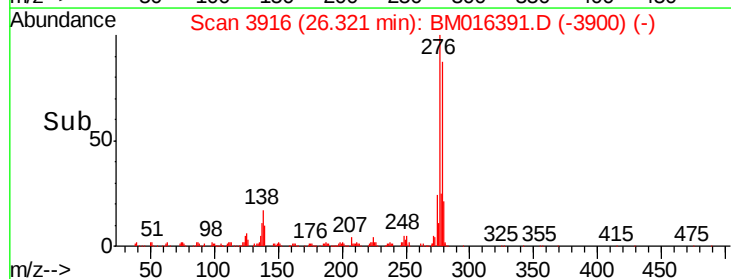
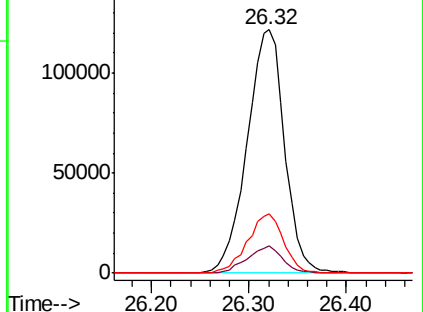
279 24.4 19.0 28.4

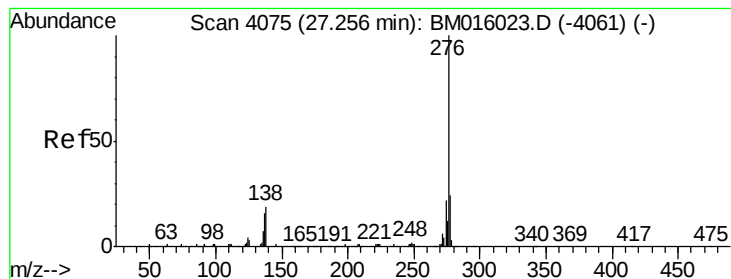


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.819 ng

RT: 27.05 min Scan# 4040

Delta R.T. -0.01 min

Lab File: BM016391.D

Acq: 15 Aug 2018 21:39

Instrument :

BNA_M

ClientSampleId :

PB112011BSD

Tgt Ion: 276 Resp: 302813

Ion Ratio Lower Upper

276 100

277 22.2 18.5 27.7

138 14.5 19.0 28.6#

