

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120518\
 Data File : BM017916.D
 Acq On : 04 Dec 2018 23:23
 Operator : JU/SJ
 Sample : J5761-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Quant Time: Dec 05 00:27:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	262219	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	1041761	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	506028	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	939361	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	890788	20.00	ng	-0.02
87) Perylene-d12	23.39	264	967356	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1288169	82.91	ng	-0.02
7) Phenol-d6	6.78	99	1690284	77.89	ng	-0.02
23) Nitrobenzene-d5	8.74	82	1004089	49.76	ng	-0.04
42) 2,4,6-Tribromophenol	15.74	330	518168	71.27	ng	-0.02
45) 2-Fluorobiphenyl	12.84	172	2094934	53.71	ng	-0.04
79) Terphenyl-d14	19.64	244	2087850	53.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	112152	17.331	ng	# 85
3) Pyridine	3.59	79	349663	18.421	ng	# 83
4) n-Nitrosodimethylamine	3.51	42	154738	18.506	ng	81
6) Aniline	6.93	93	190256	7.070	ng	96
8) 2-Chlorophenol	7.16	128	487963	26.242	ng	94
9) Benzaldehyde	6.75	77	252705	15.986	ng	92
10) Phenol	6.80	94	697223	30.610	ng	95
11) bis(2-Chloroethyl)ether	7.03	93	424988	23.635	ng	94
12) 1,3-Dichlorobenzene	7.47	146	505163	24.214	ng	97
13) 1,4-Dichlorobenzene	7.62	146	522429	24.431	ng	98
14) 1,2-Dichlorobenzene	7.93	146	494763	23.862	ng	99
15) Benzyl Alcohol	7.83	79	390893	22.619	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.12	45	476108	17.391	ng	90
17) 2-Methylphenol	8.03	107	387026	25.223	ng	96
18) Hexachloroethane	8.63	117	131263	17.417	ng	100
19) n-Nitroso-di-n-propylamine	8.39	70	336111	21.571	ng	90
20) 3+4-Methylphenols	8.36	107	520609	24.420	ng	96
22) Acetophenone	8.40	105	690231	26.547	ng	# 93
24) Nitrobenzene	8.78	77	495446	24.199	ng	96
25) Isophorone	9.30	82	890606	28.575	ng	97
26) 2-Nitrophenol	9.48	139	202203	21.441	ng	94
27) 2,4-Dimethylphenol	9.55	122	433046	31.862	ng	96
28) bis(2-Chloroethoxy)methane	9.78	93	564711	26.752	ng	96
29) 2,4-Dichlorophenol	10.02	162	426247	27.017	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	455404	24.818	ng	98
31) Naphthalene	10.40	128	1621992	31.667	ng	99
32) Benzoic acid	9.67	122	73420	5.963	ng	95
33) 4-Chloroaniline	10.53	127	198617	8.854	ng	96
34) Hexachlorobutadiene	10.67	225	278301	24.430	ng	99
35) Caprolactam	11.33	113	129732	22.329	ng	# 78
36) 4-Chloro-3-methylphenol	11.67	107	442386	24.286	ng	99
37) 2-Methylnaphthalene	12.02	142	1112568	30.733	ng	99
38) 1-Methylnaphthalene	12.25	142	994606	28.021	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	480152	26.908	ng	98

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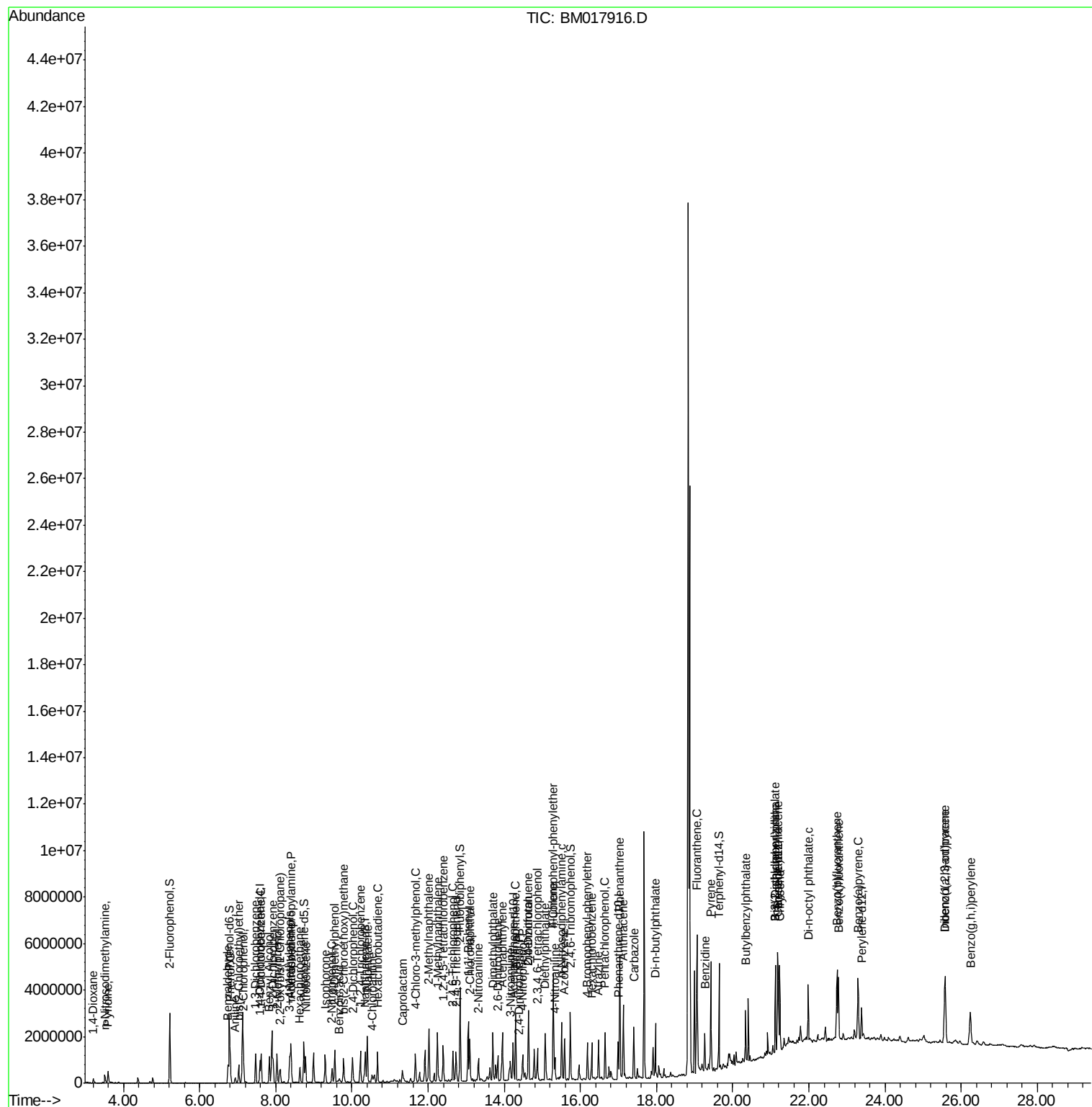
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.65	196	320406	28.667	ng	98
44) 2,4,5-Trichlorophenol	12.73	196	329801	27.946	ng	98
46) 1,1'-Biphenyl	13.06	154	1219727	26.853	ng	99
47) 2-Chloronaphthalene	13.10	162	894346	26.527	ng	99
48) 2-Nitroaniline	13.32	65	271273	26.018	ng	90
49) Acenaphthylene	13.95	152	1443834	28.504	ng	99
50) Dimethylphthalate	13.70	163	1267628	30.811	ng	99
51) 2,6-Dinitrotoluene	13.83	165	215791	23.555	ng	92
52) Acenaphthene	14.30	154	997210	32.079	ng	98
53) 3-Nitroaniline	14.16	138	232691	23.329	ng	92
54) 2,4-Dinitrophenol	14.39	184	3364	7.671	ng	# 76
55) Dibenzofuran	14.64	168	1472739	28.990	ng	97
56) 4-Nitrophenol	14.49	139	351649	44.300	ng	90
57) 2,4-Dinitrotoluene	14.63	165	269911	21.856	ng	95
58) Fluorene	15.29	166	1299467	33.413	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	278055	25.616	ng	99
60) Diethylphthalate	15.07	149	1040859	23.415	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	517098	23.402	ng	99
62) 4-Nitroaniline	15.33	138	238884	25.412	ng	92
63) Azobenzene	15.58	77	911489	22.181	ng	93
66) n-Nitrosodiphenylamine	15.51	169	881098	29.174	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	298895	26.904	ng	94
68) Hexachlorobenzene	16.30	284	318092	25.398	ng	95
69) Atrazine	16.47	200	302082	27.195	ng	96
70) Pentachlorophenol	16.64	266	357517	40.741	ng	100
71) Phenanthrene	17.03	178	3097662	60.772	ng	100
72) Anthracene	17.13	178	1970344	39.725	ng	98
73) Carbazole	17.40	167	1408564	28.104	ng	99
74) Di-n-butylphthalate	17.97	149	1591898	28.532	ng	98
75) Fluoranthene	19.06	202	3006464	52.130	ng	99
77) Benzidine	19.27	184	904566	31.184	ng	99
78) Pyrene	19.43	202	2750487	50.043	ng	99
80) Butylbenzylphthalate	20.34	149	649075	29.076	ng	97
81) Benzo(a)anthracene	21.19	228	2056948	40.081	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	372233	18.793	ng	96
83) Chrysene	21.24	228	1837593	36.866	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	936357	28.373	ng	97
85) Di-n-octyl phthalate	21.99	149	1601678	30.310	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.57	276	1960642	49.223	ng	100
88) Benzo(b)fluoranthene	22.74	252	2003364	35.363	ng	97
89) Benzo(k)fluoranthene	22.78	252	1743251	30.445	ng	100
90) Benzo(a)pyrene	23.29	252	1899908	36.781	ng	99
91) Dibenzo(a,h)anthracene	25.58	278	1476014	33.989	ng	98
92) Benzo(g,h,i)perylene	26.24	276	1679091	41.117	ng	99

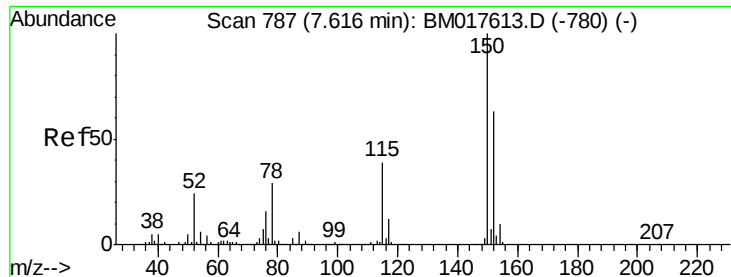
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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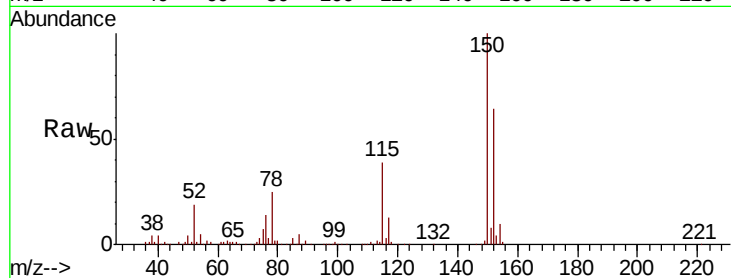


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.4	189.6
115	60.1	49.4	74.0

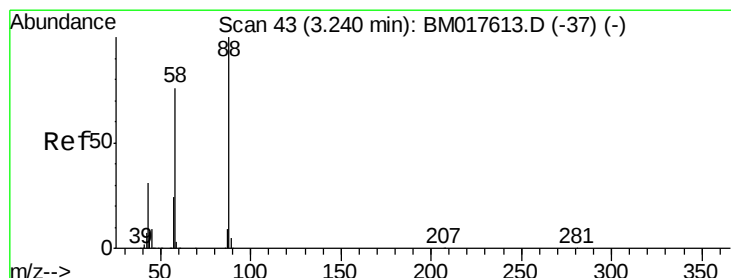
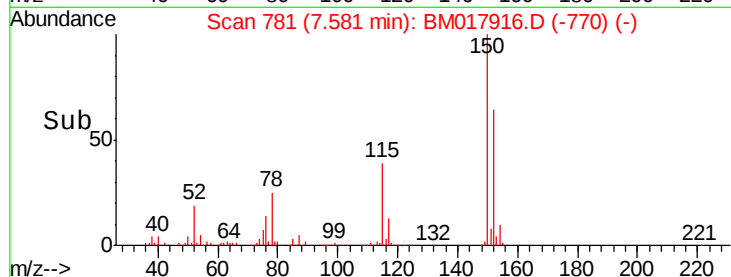
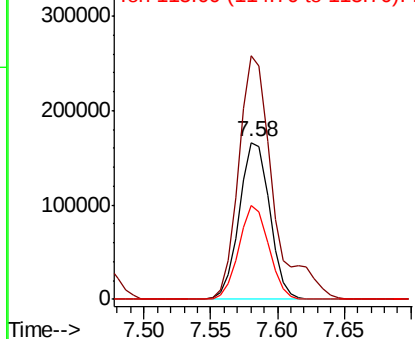


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

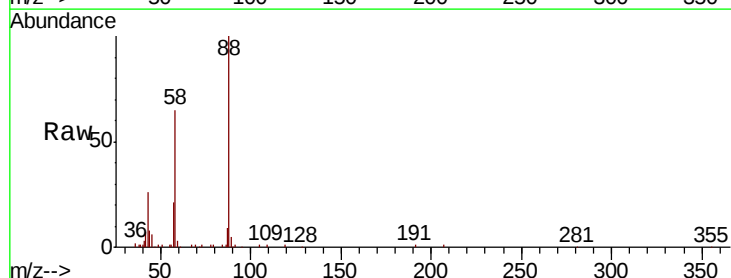
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 17.331 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	62.0	93.0
43	26.1	26.8	40.2

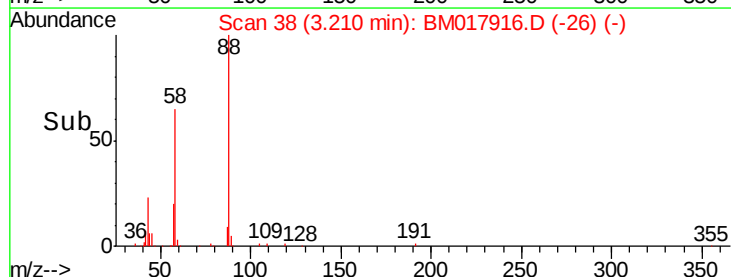
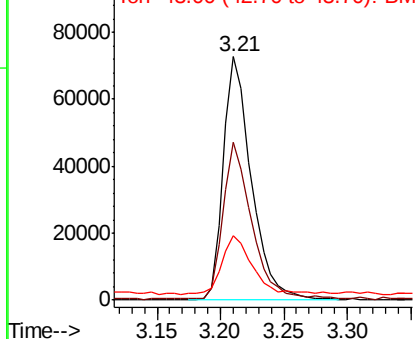


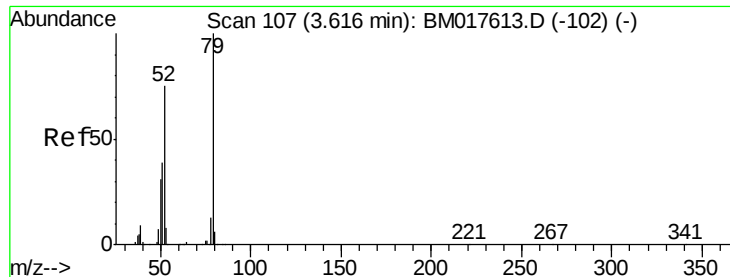
Abundance

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: 18.421 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

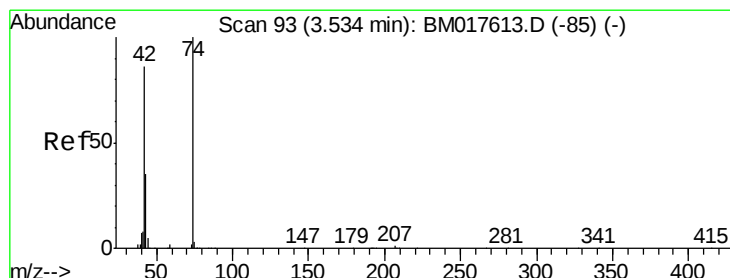
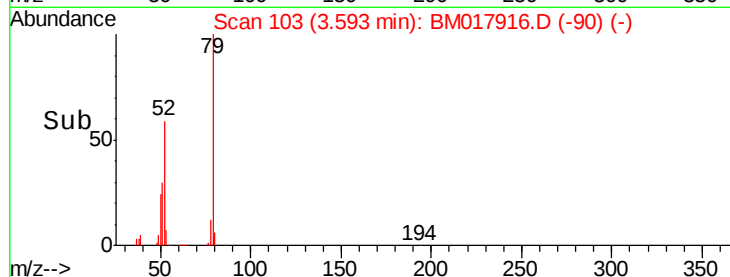
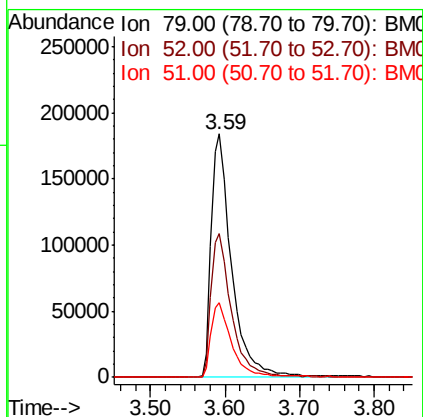
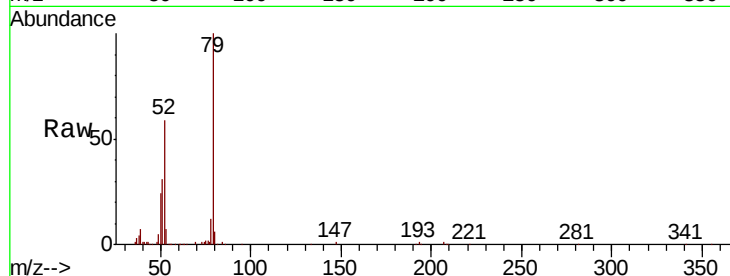
Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

Tgt Ion:	79	Resp:	349663
Ion	Ratio	Lower	Upper
79	100		
52	59.0	60.1	90.1#
51	30.6	31.1	46.7#



#4

n-Nitrosodimethylamine

Concen: 18.506 ng

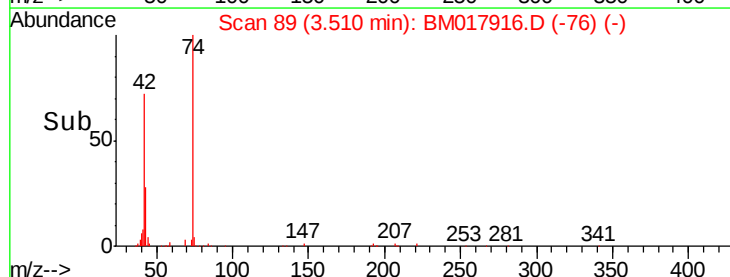
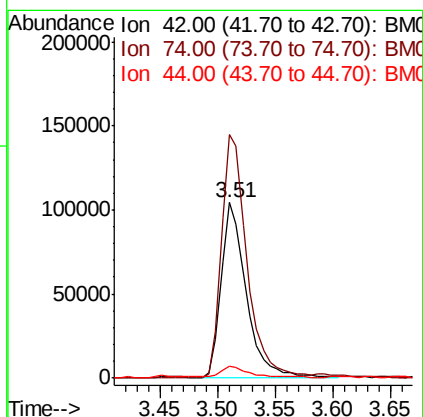
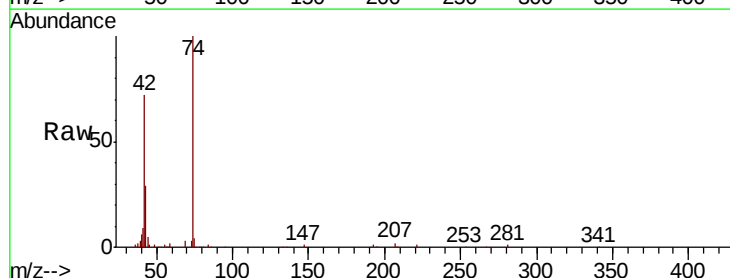
RT: 3.51 min Scan# 89

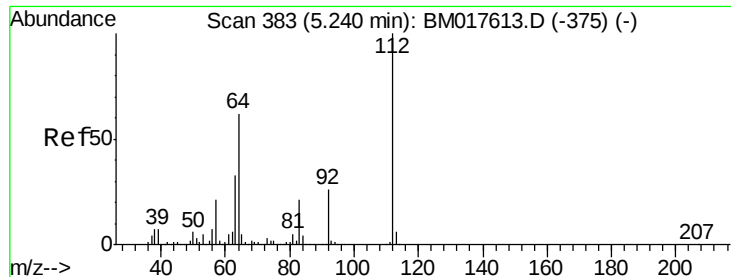
Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:	42	Resp:	154738
Ion	Ratio	Lower	Upper
42	100		
74	138.7	93.1	139.7
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 82.907 ng

RT: 5.22 min Scan# 379

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

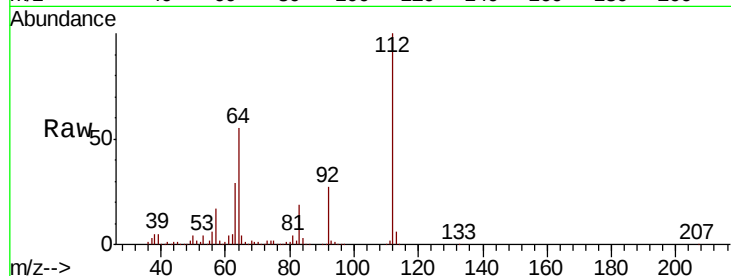
Tgt Ion:112 Resp: 1288169

Ion Ratio Lower Upper

112 100

64 54.9 49.3 73.9

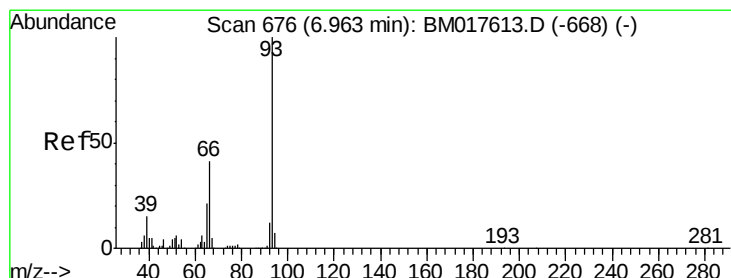
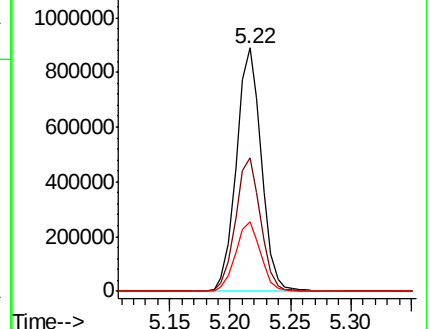
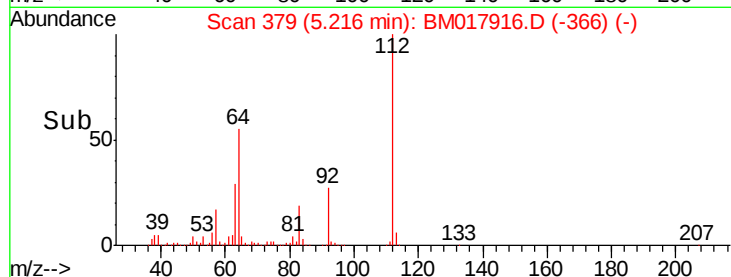
63 28.8 26.2 39.4



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: 7.070 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

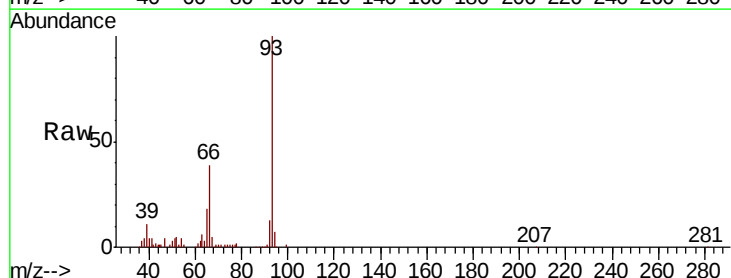
Tgt Ion: 93 Resp: 190256

Ion Ratio Lower Upper

93 100

66 39.0 32.8 49.2

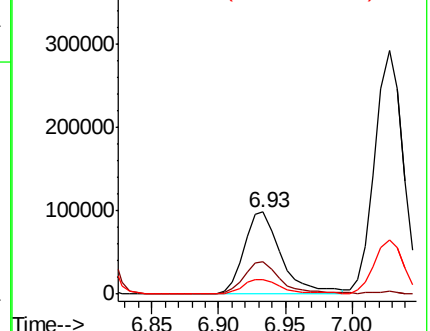
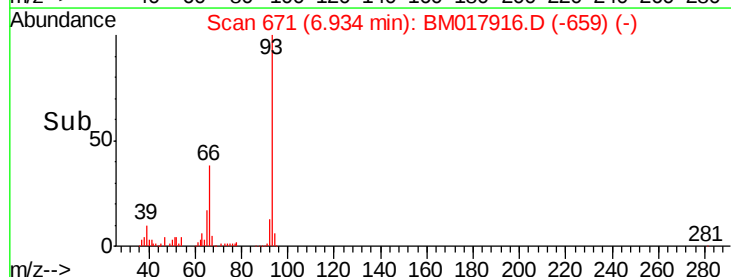
65 17.9 16.6 25.0

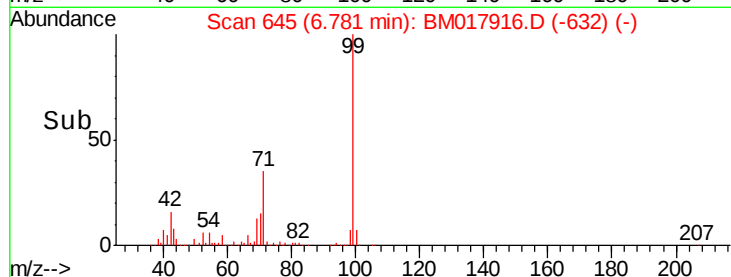
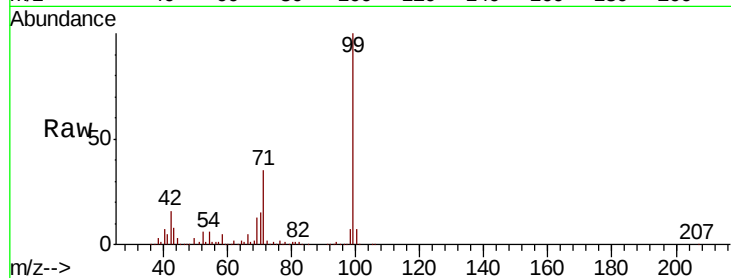
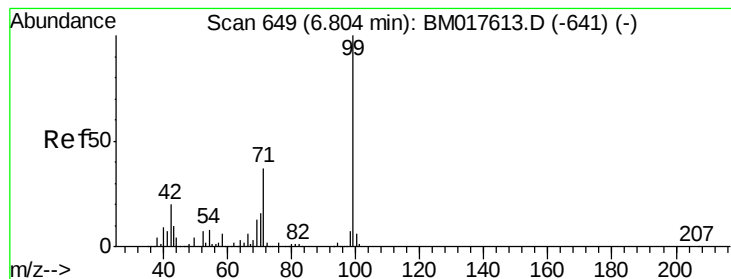


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 77.892 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

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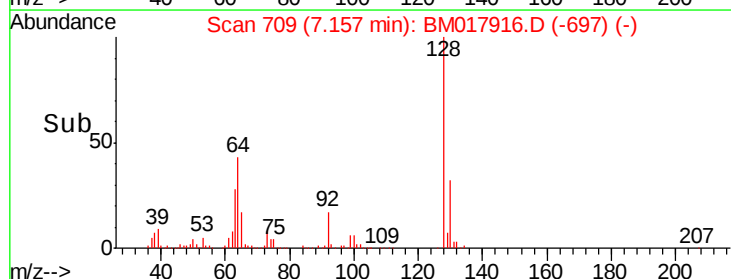
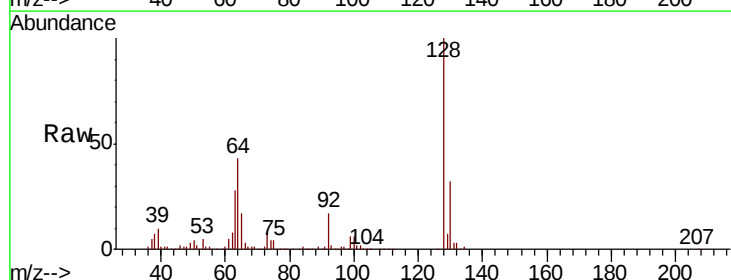
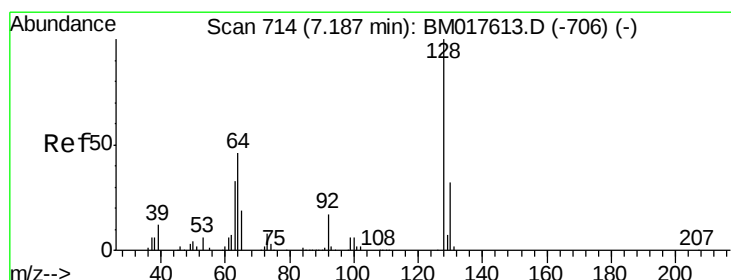
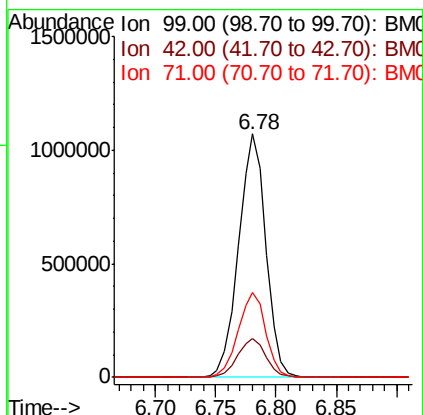
Tgt Ion: 99 Resp: 1690284

Ion Ratio Lower Upper

99 100

42 15.8 16.3 24.5#

71 34.8 29.8 44.8



#8

2-Chlorophenol

Concen: 26.242 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

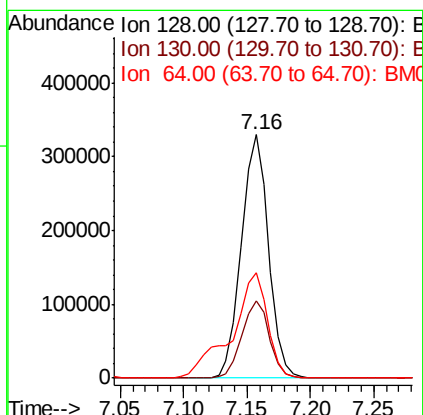
Tgt Ion: 128 Resp: 487963

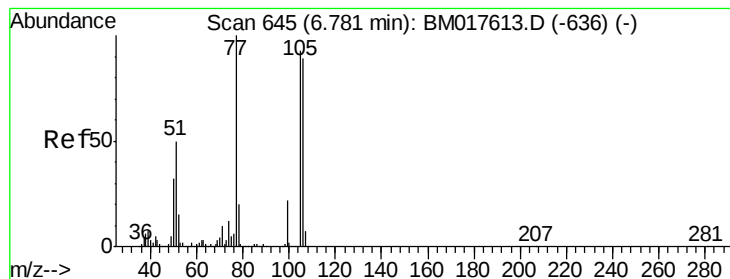
Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

64 43.2 30.0 70.0





#9

Benzaldehyde

Concen: 15.986 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017916.D

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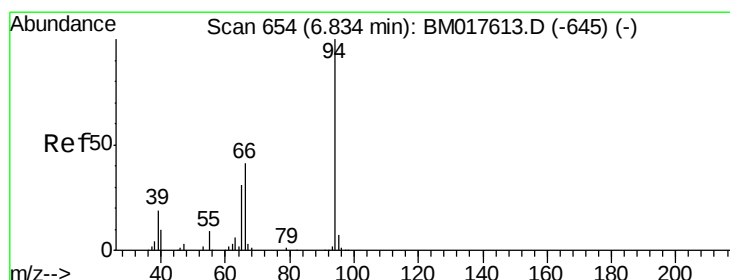
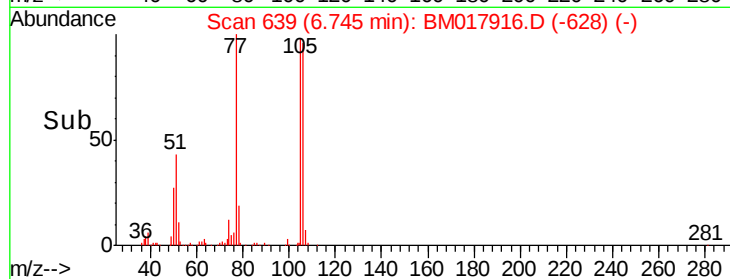
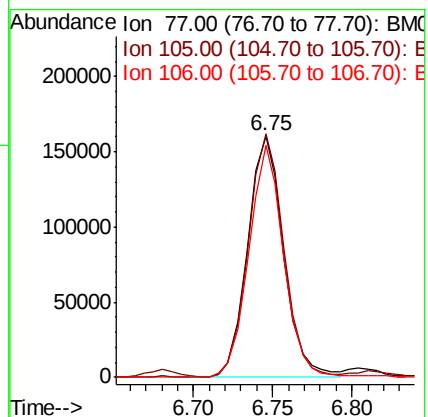
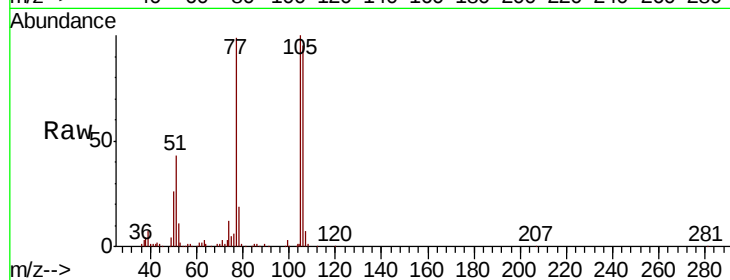
Tgt Ion: 77 Resp: 252705

Ion Ratio Lower Upper

77 100

105 100.8 72.7 112.7

106 96.1 68.9 108.9



#10

Phenol

Concen: 30.610 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

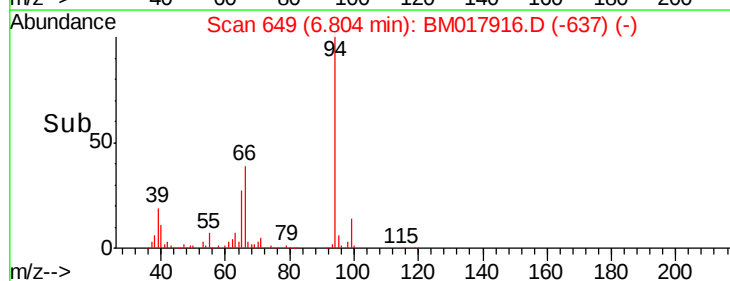
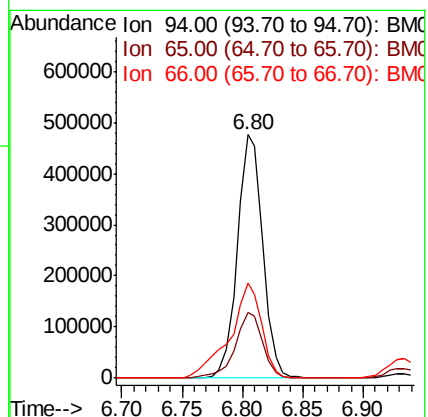
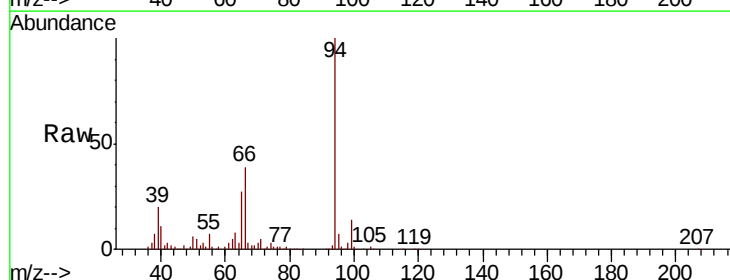
Tgt Ion: 94 Resp: 697223

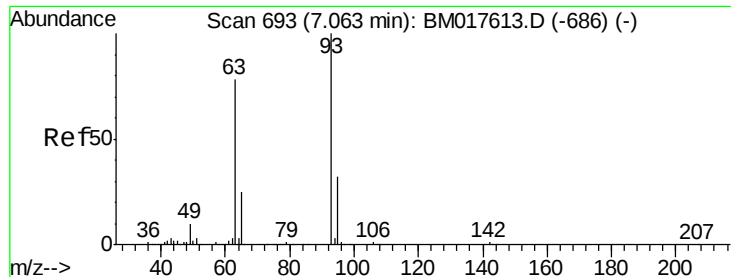
Ion Ratio Lower Upper

94 100

65 27.1 11.4 51.4

66 39.1 21.4 61.4

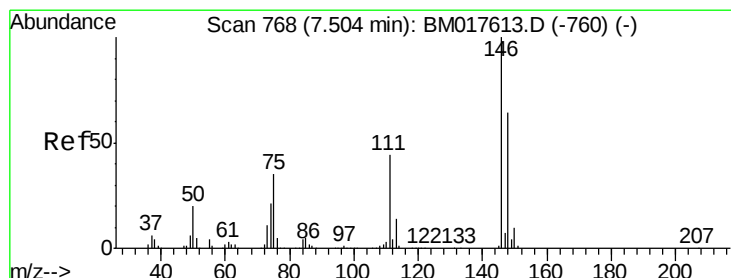
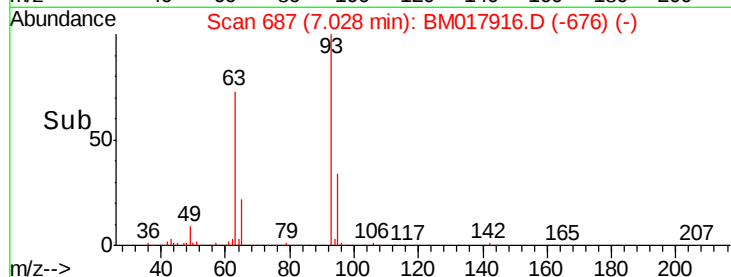
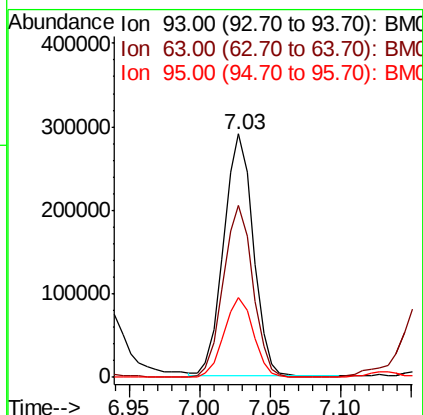
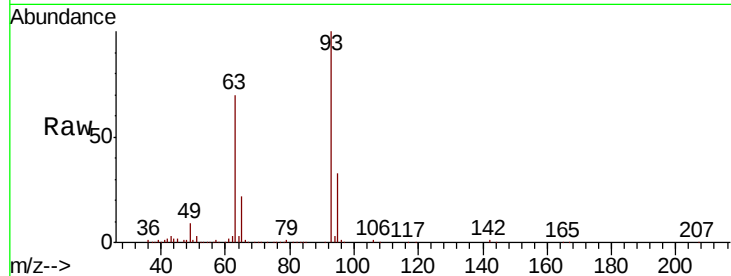




#11
bis(2-Chloroethyl)ether
Concen: 23.635 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

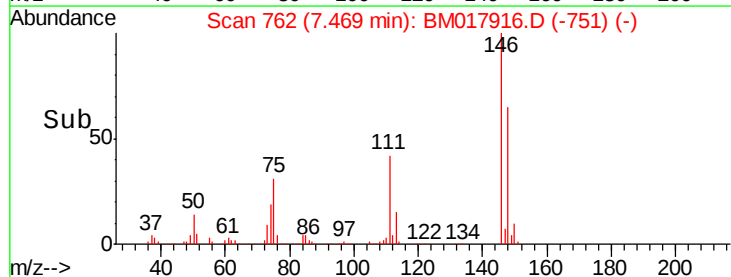
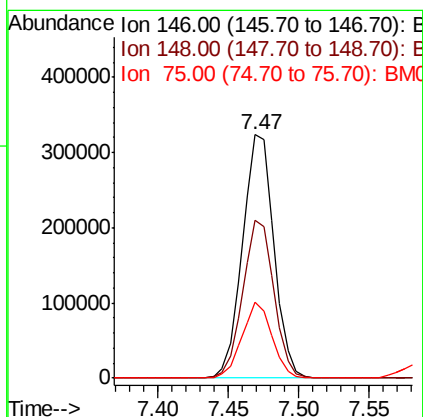
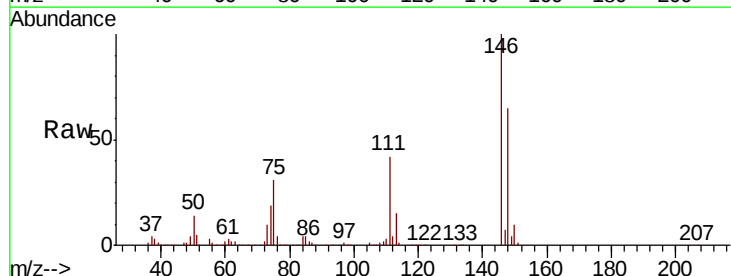
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

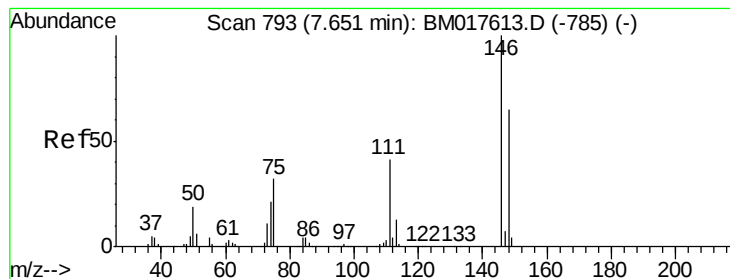
Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.4	57.9	97.9
95	32.8	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 24.214 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
75	31.4	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 24.431 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

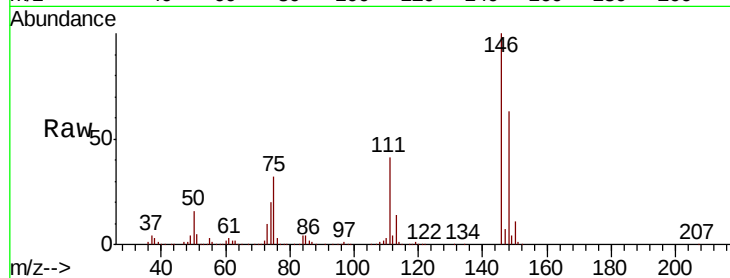
Tgt Ion:146 Resp: 522429

Ion Ratio Lower Upper

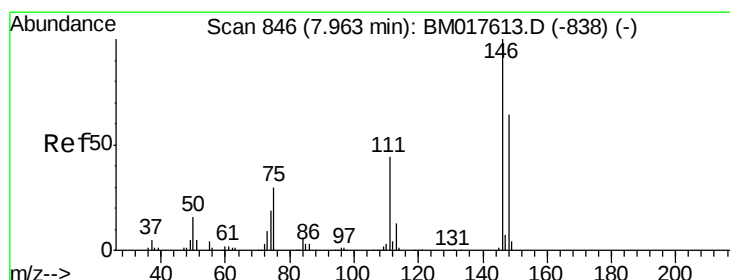
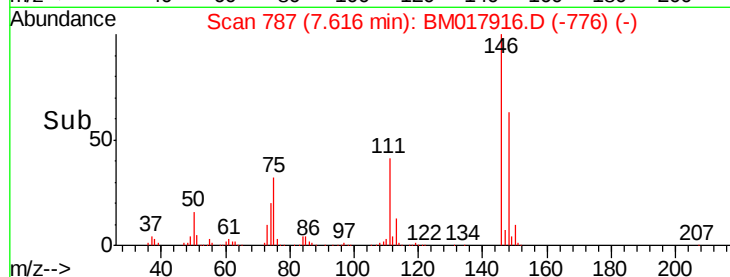
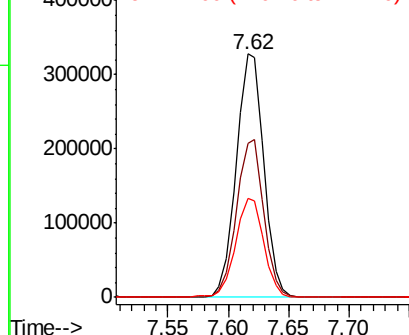
146 100

148 63.3 52.0 78.0

111 40.7 33.2 49.8



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: 23.862 ng

RT: 7.93 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

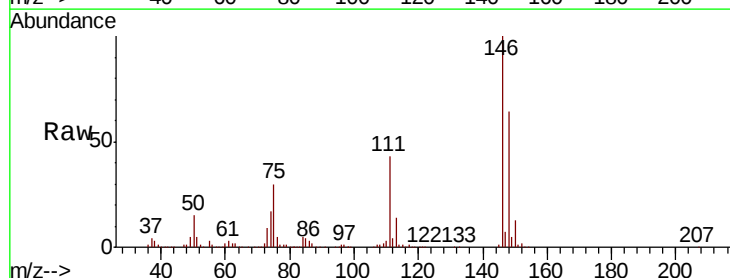
Tgt Ion:146 Resp: 494763

Ion Ratio Lower Upper

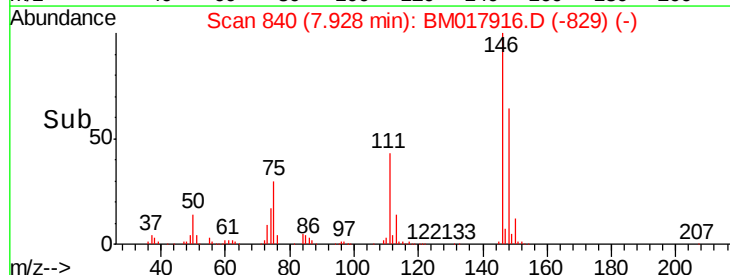
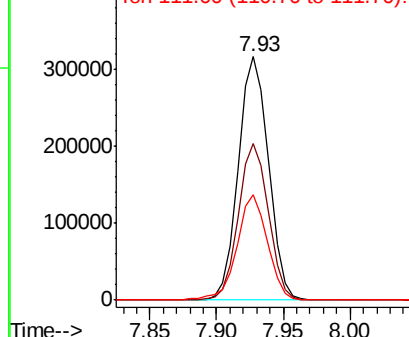
146 100

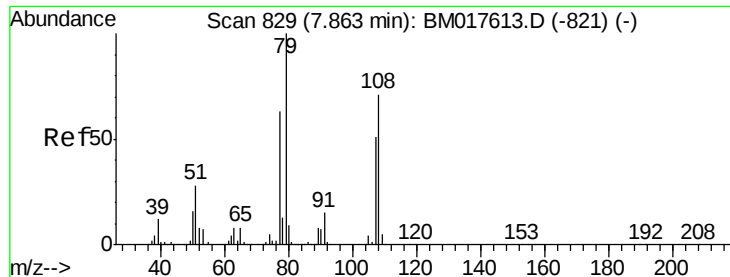
148 64.4 51.6 77.4

111 43.3 35.8 53.8



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: 22.619 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

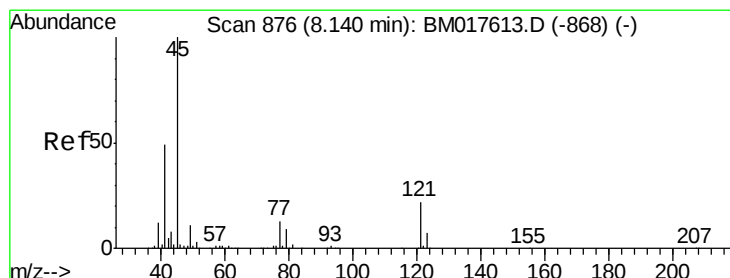
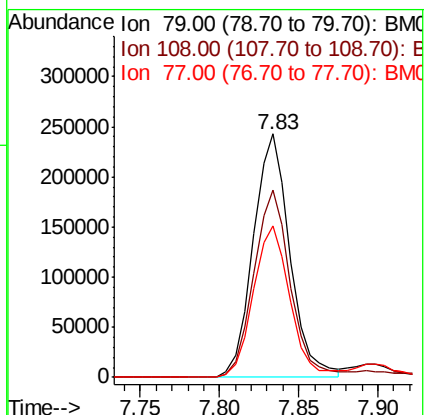
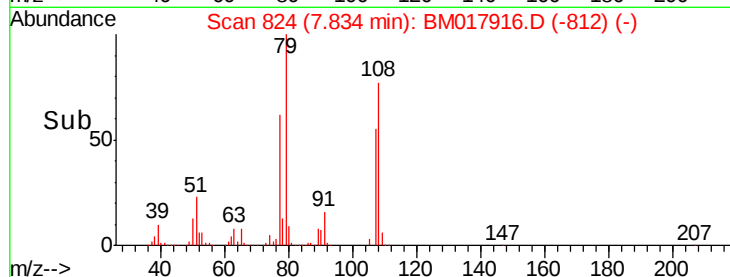
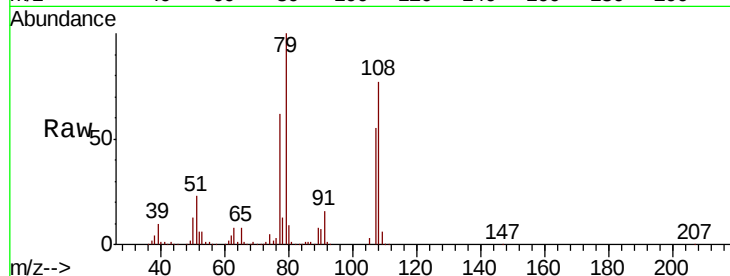
Tgt Ion: 79 Resp: 390893

Ion Ratio Lower Upper

79 100

108 77.0 57.1 85.7

77 62.2 50.4 75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.391 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

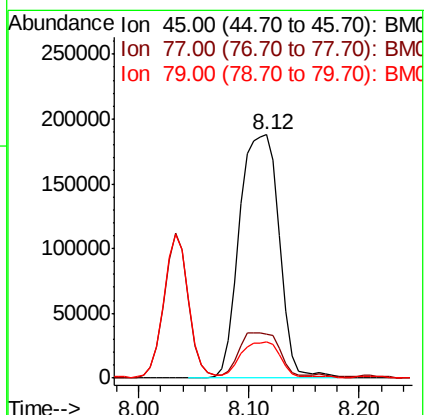
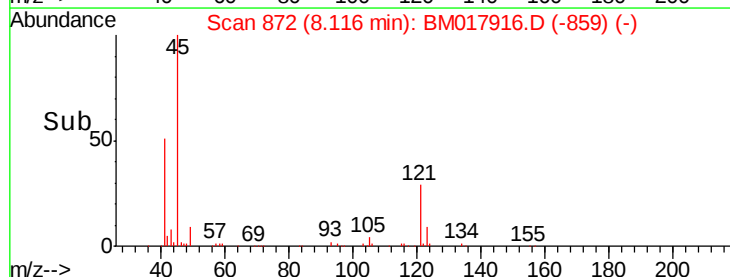
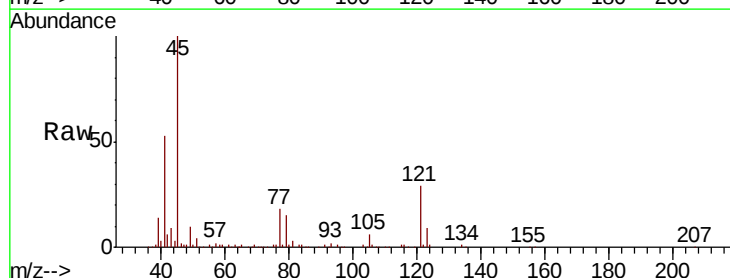
Tgt Ion: 45 Resp: 476108

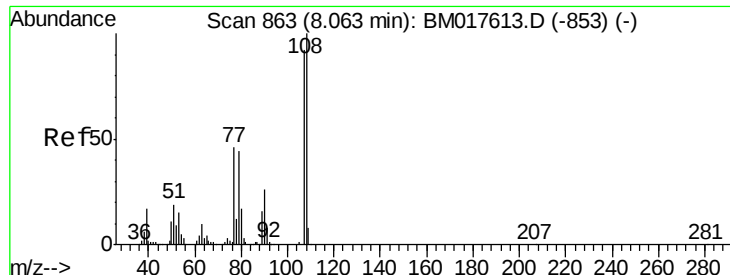
Ion Ratio Lower Upper

45 100

77 17.9 0.0 34.2

79 14.9 0.0 30.5

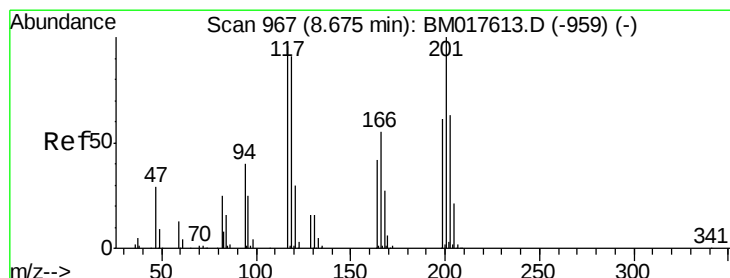
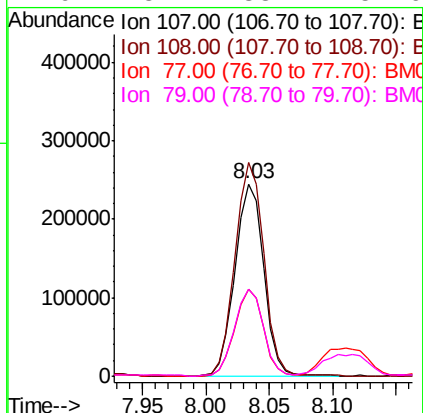
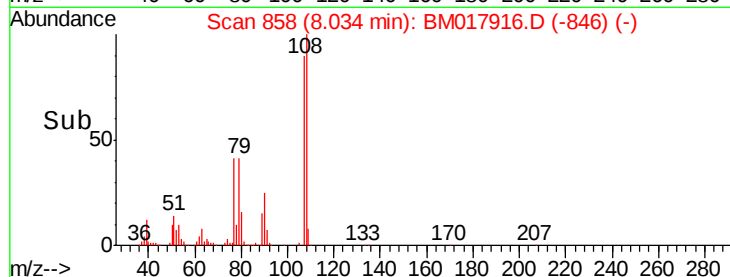
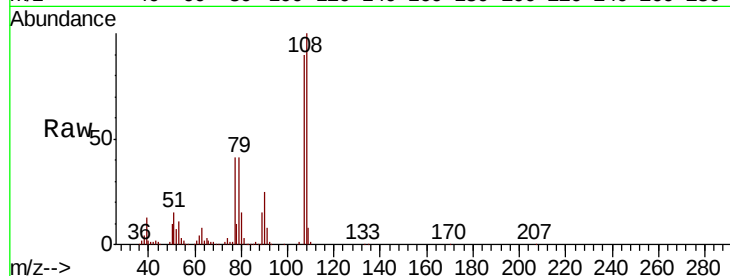




#17
2-Methylphenol
Concen: 25.223 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

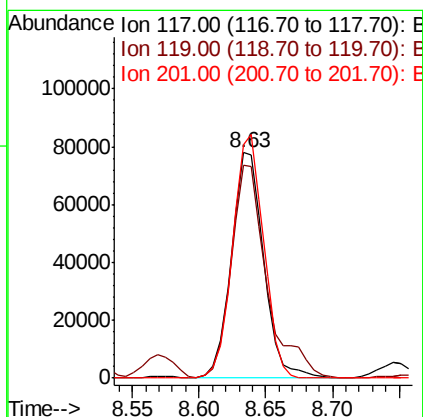
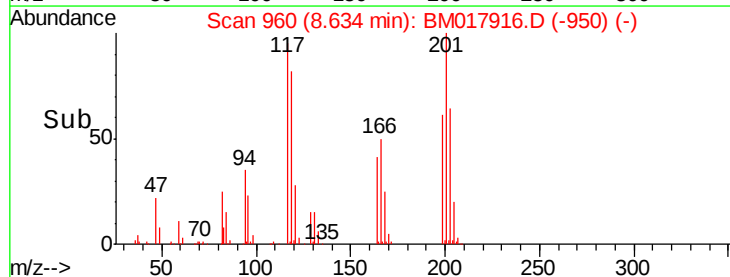
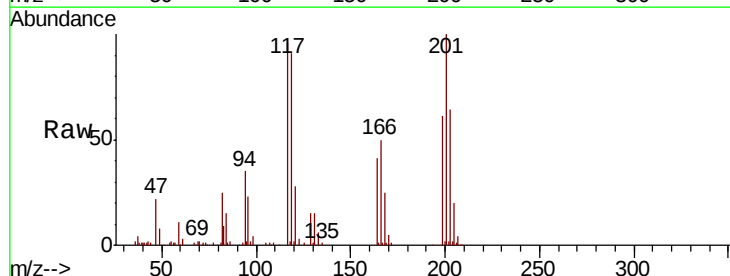
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

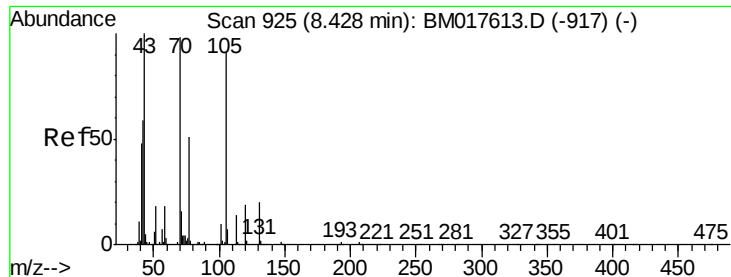
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.0	86.7	130.1
77	45.5	39.8	59.6
79	45.4	38.4	57.6



#18
Hexachloroethane
Concen: 17.417 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	103.9	83.0	124.4

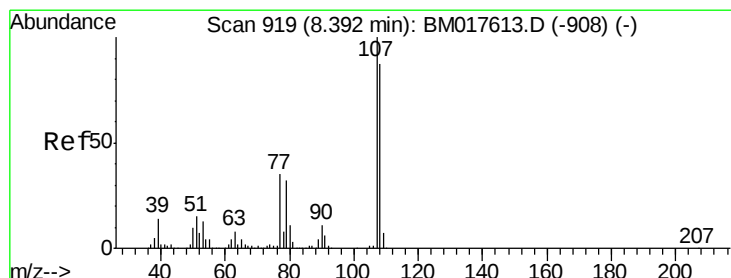
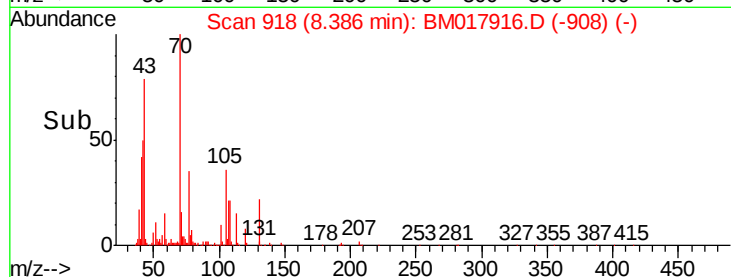
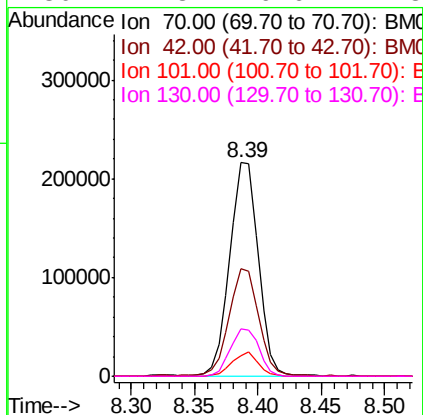
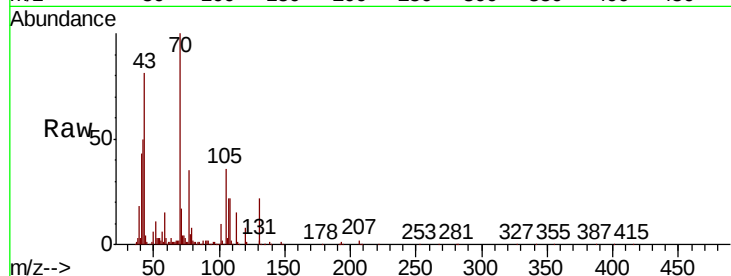




#19
n-Nitroso-di-n-propylamine
Concen: 21.571 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

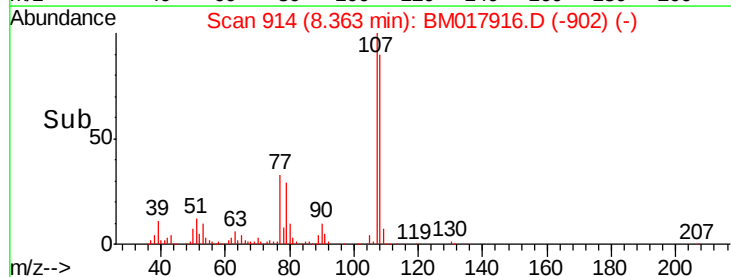
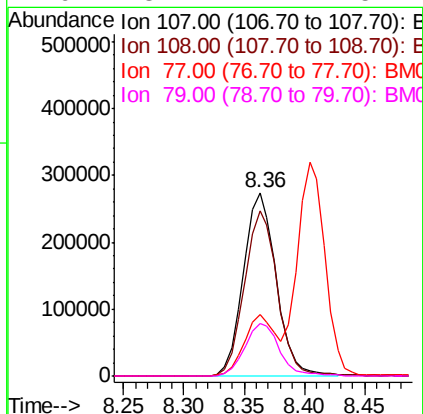
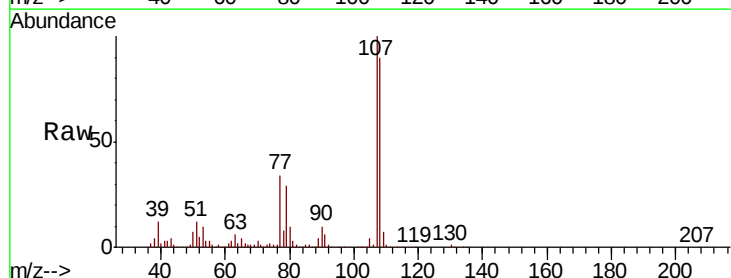
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

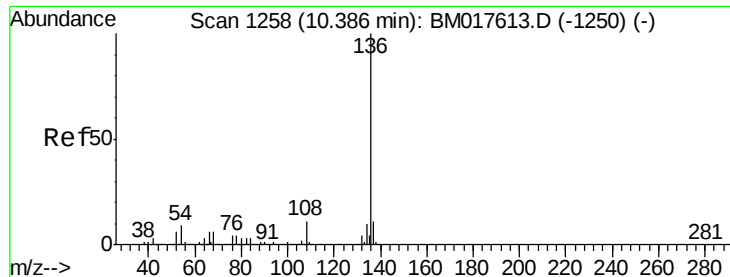
Tgt Ion:	70	Resp:	336111
Ion	Ratio	Lower	Upper
70	100		
42	50.4	48.6	73.0
101	9.6	7.9	11.9
130	22.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 24.420 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:	107	Resp:	520609
Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.0	107.0
77	33.6	15.6	55.6
79	28.7	11.7	51.7

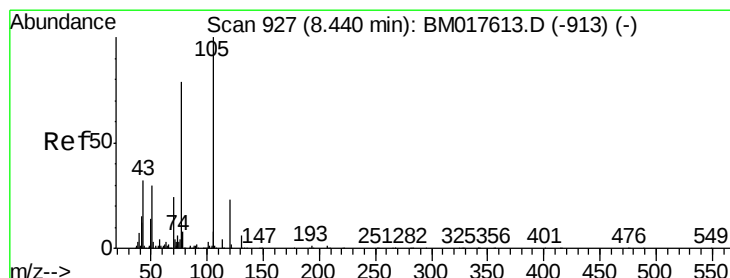
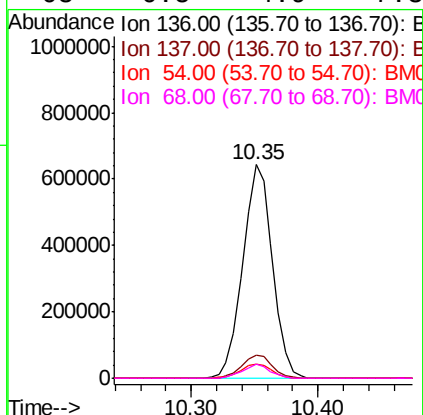
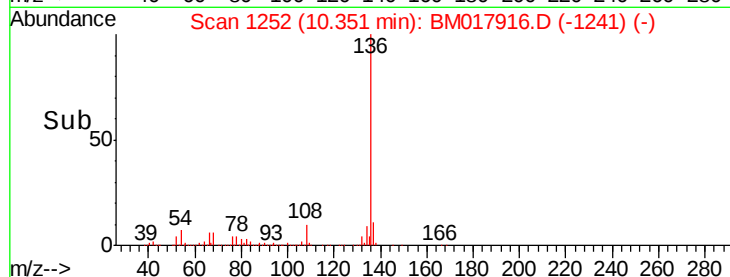
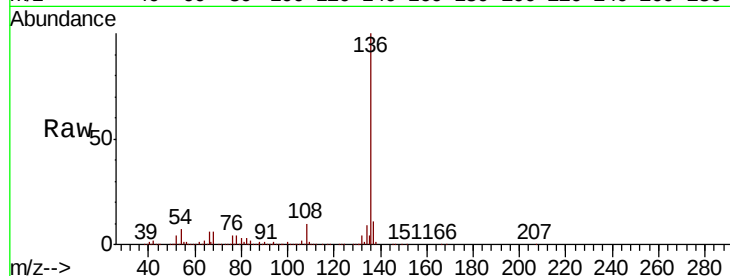




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

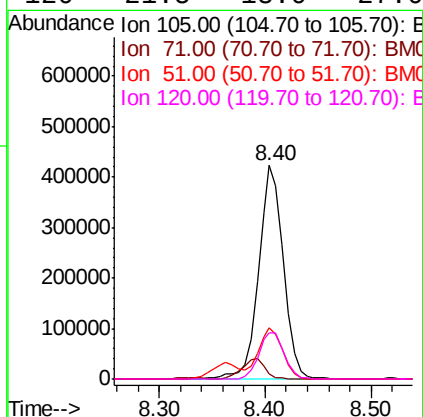
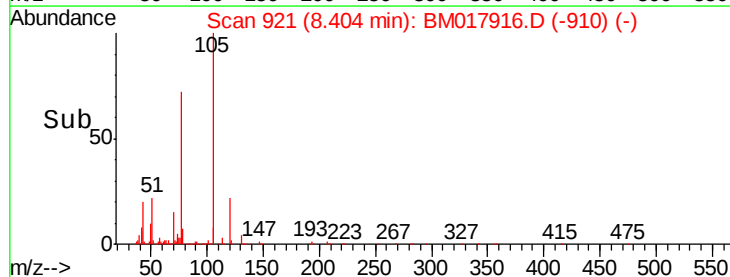
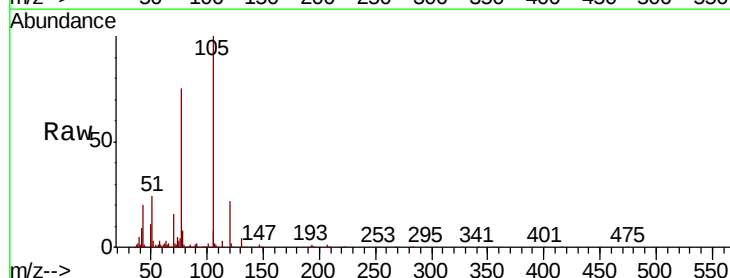
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

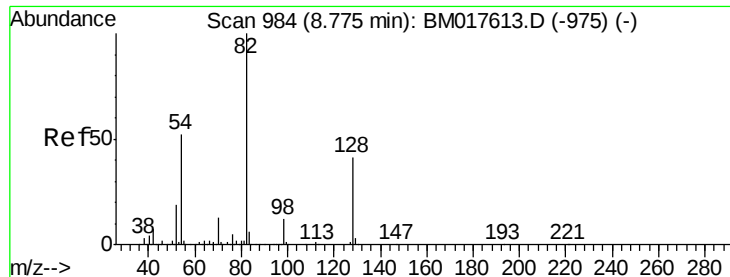
Tgt Ion:	136	Resp:	1041761
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.8	7.0	10.6#
68	6.5	4.9	7.3



#22
Acetophenone
Concen: 26.547 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:	105	Resp:	690231
Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.1	4.7#
51	23.7	23.8	35.8#
120	21.5	18.0	27.0

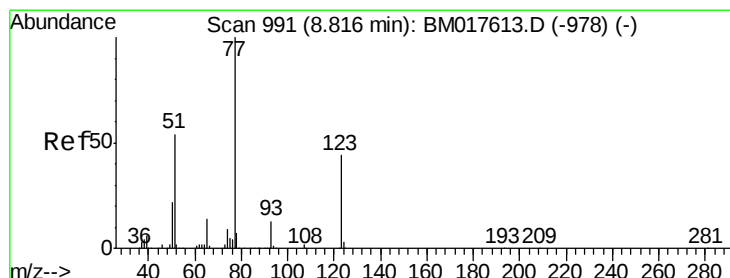
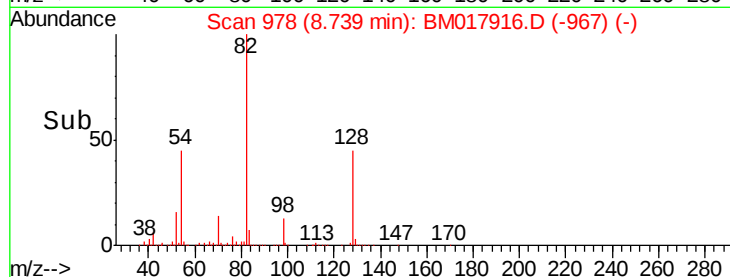
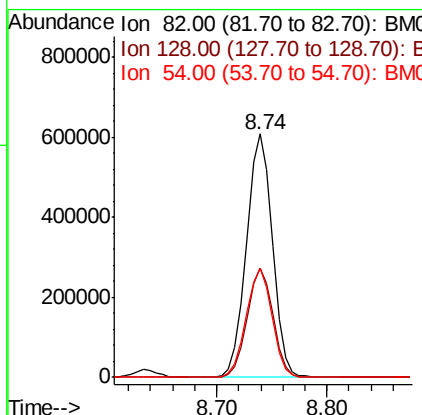
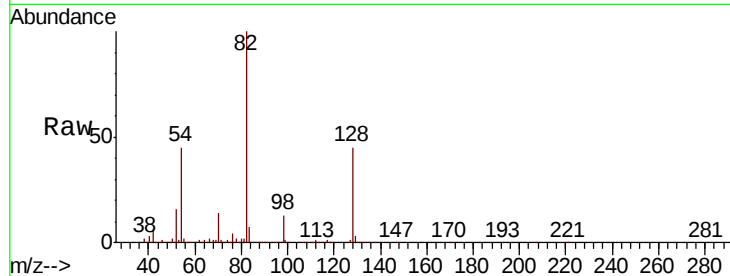




#23
Nitrobenzene-d5
Concen: 49.758 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

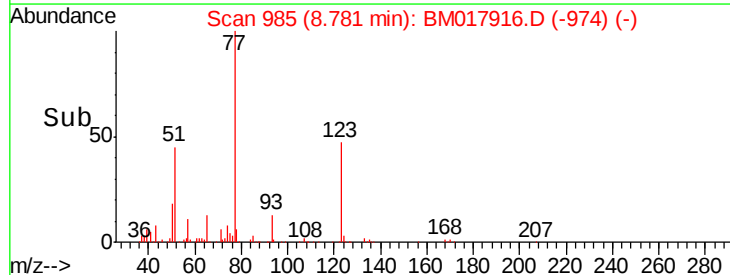
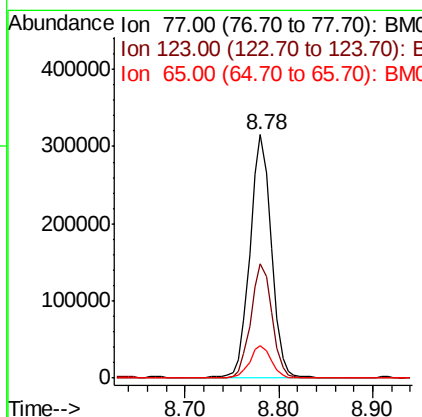
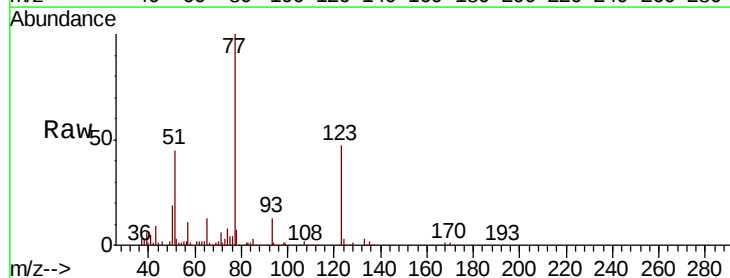
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tgt Ion: 82 Resp: 1004089
Ion Ratio Lower Upper
82 100
128 45.0 33.0 49.4
54 45.0 41.4 62.2



#24
Nitrobenzene
Concen: 24.199 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion: 77 Resp: 495446
Ion Ratio Lower Upper
77 100
123 46.8 35.1 52.7
65 13.4 11.0 16.6

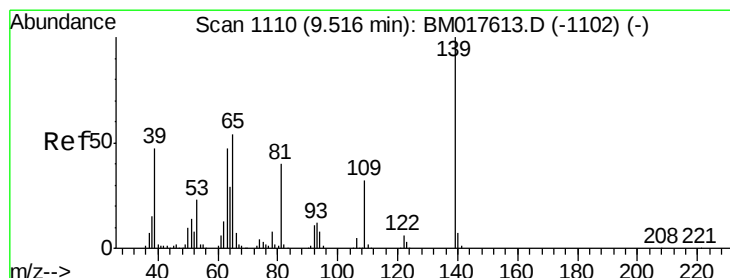
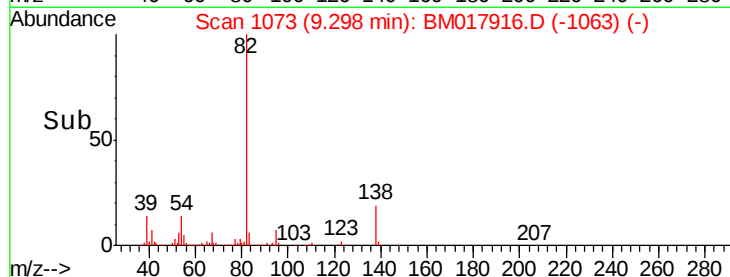
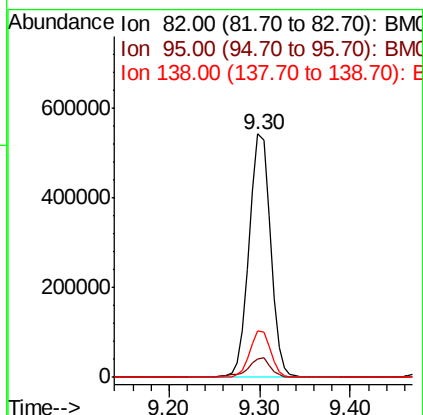
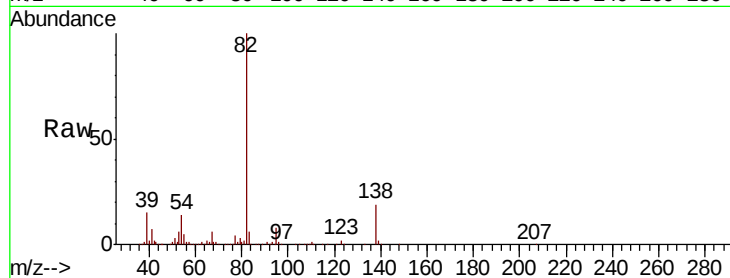




#25
Isophorone
Concen: 28.575 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

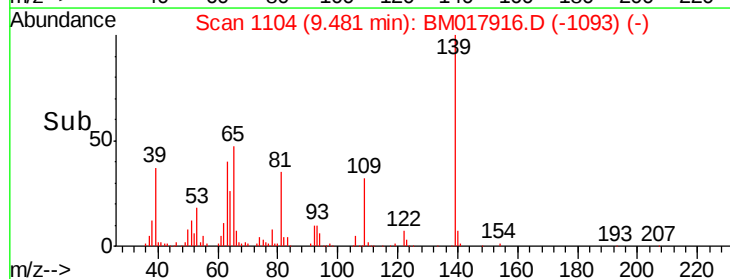
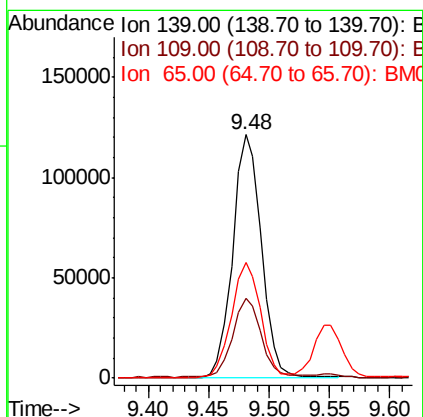
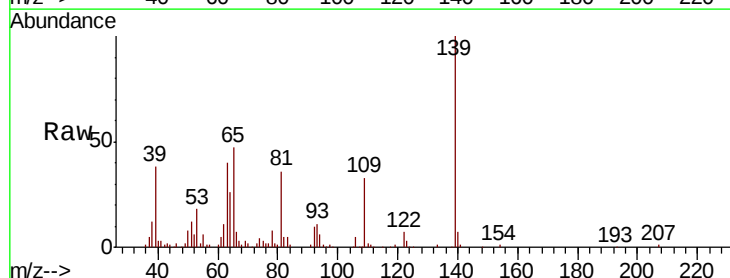
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

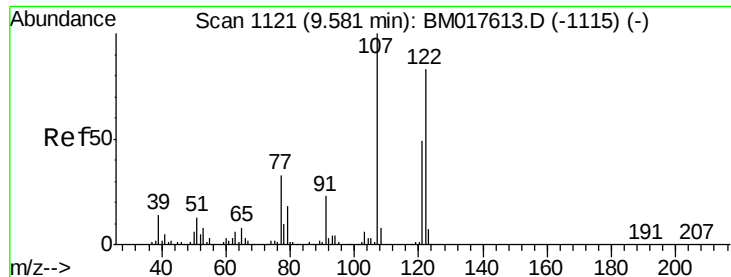
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	18.9	13.9	20.9



#26
2-Nitrophenol
Concen: 21.441 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.7	25.9	38.9
65	47.2	43.0	64.4

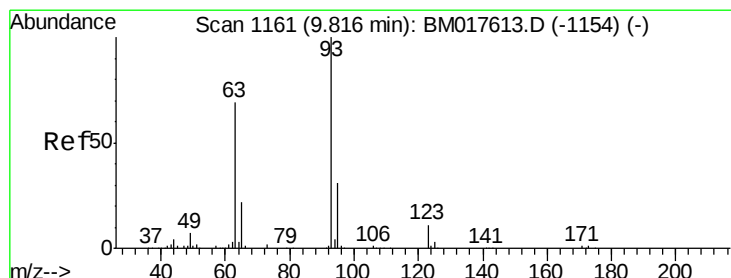
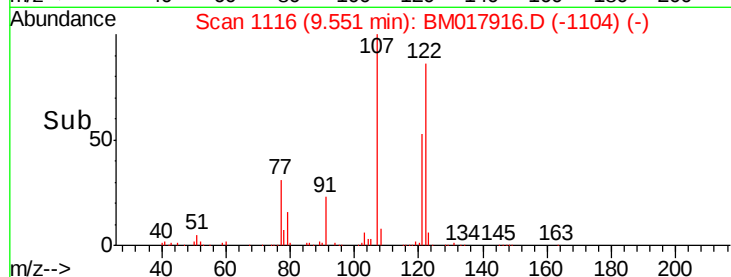
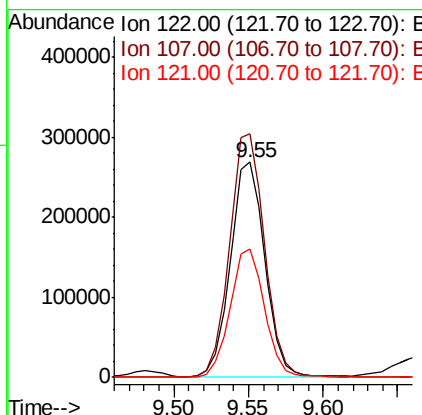
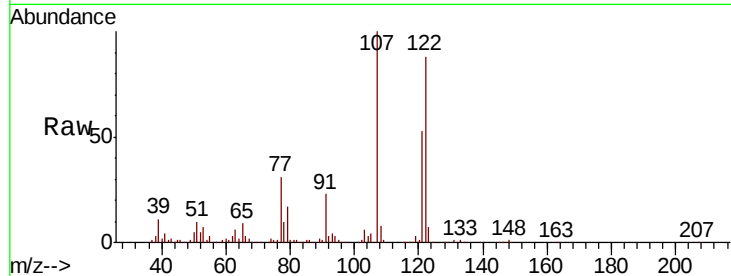




#27
 2,4-Dimethylphenol
 Concen: 31.862 ng
 RT: 9.55 min Scan# 1116
 Delta R.T. -0.03 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

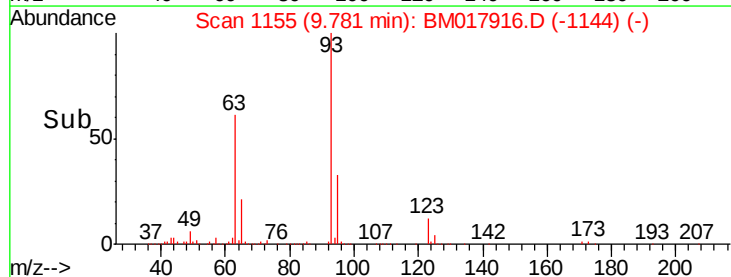
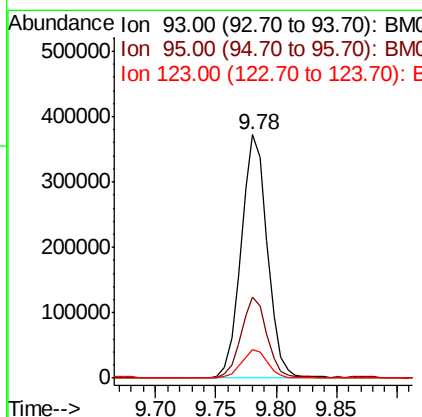
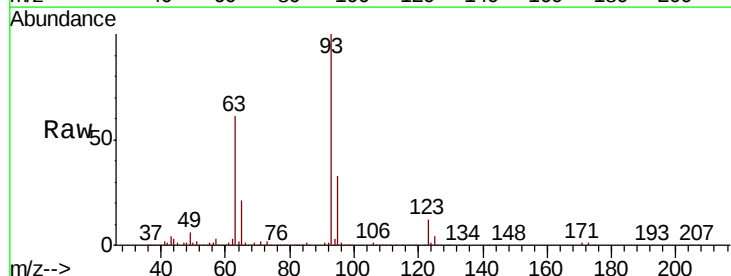
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

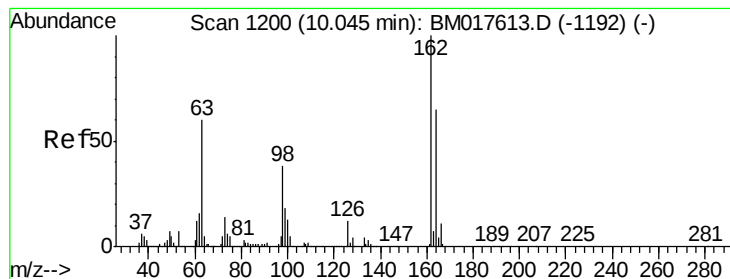
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.2	95.8	143.8
121	59.6	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 26.752 ng
 RT: 9.78 min Scan# 1155
 Delta R.T. -0.04 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.9	37.3
123	11.8	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 27.017 ng

RT: 10.02 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

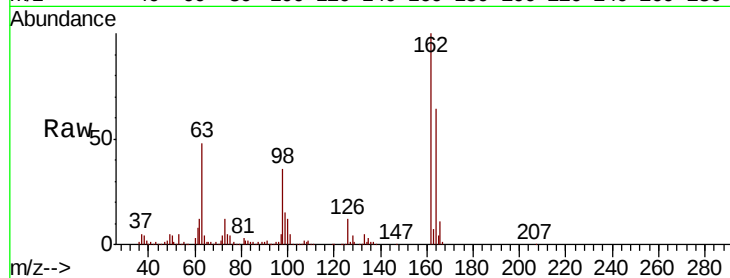
Tgt Ion:162 Resp: 426247

Ion Ratio Lower Upper

162 100

164 63.9 45.0 85.0

98 36.2 17.5 57.5

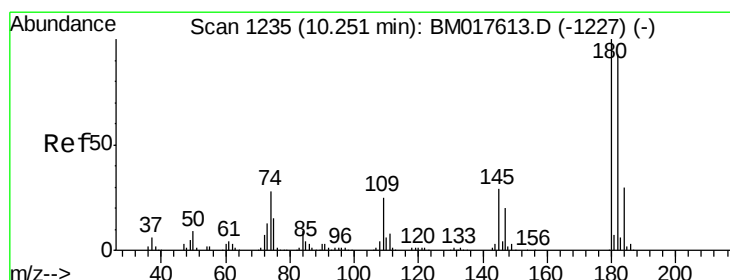
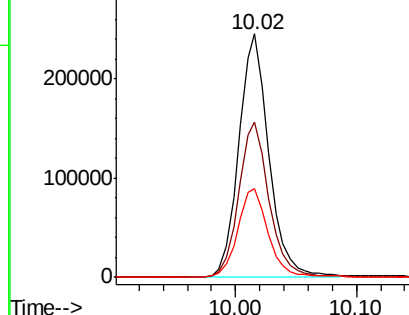
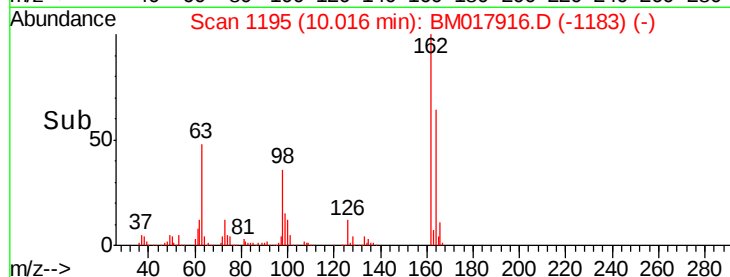


Abundance

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: 24.818 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

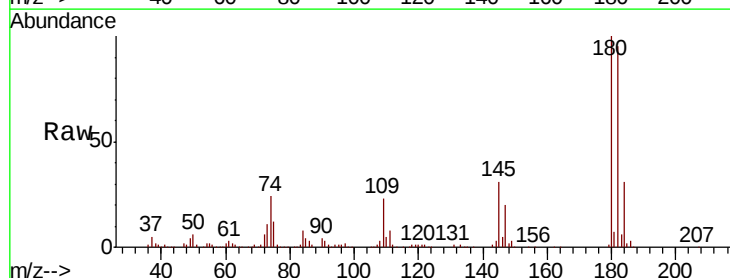
Tgt Ion:180 Resp: 455404

Ion Ratio Lower Upper

180 100

182 94.7 74.4 111.6

145 31.1 23.5 35.3

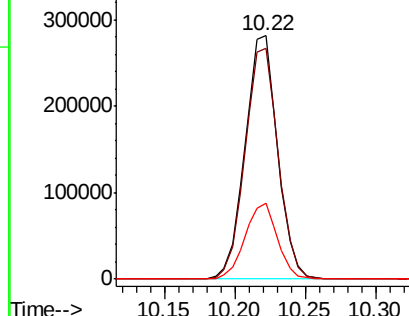
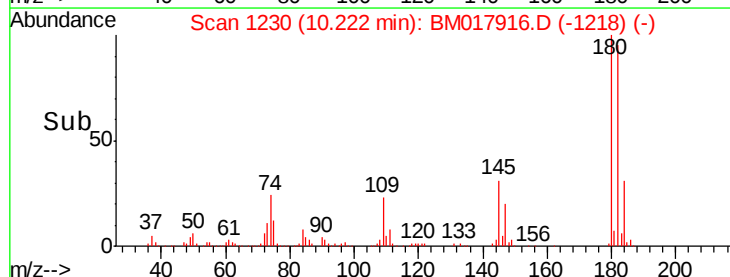


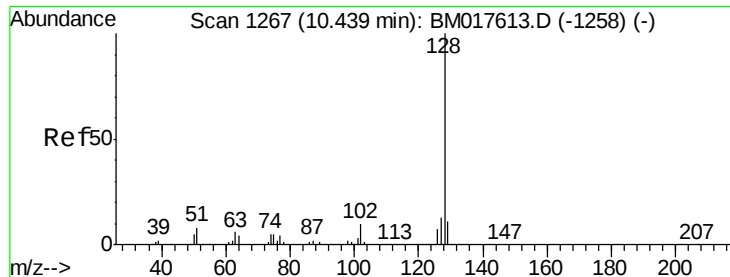
Abundance

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

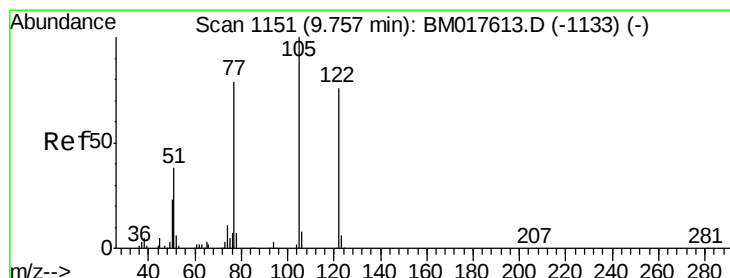
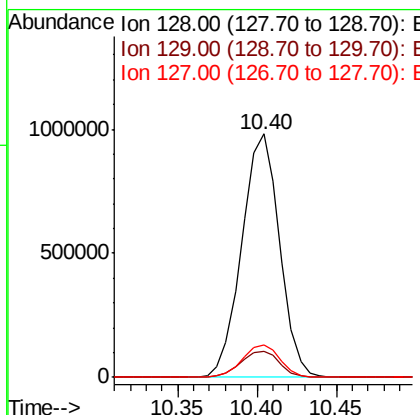
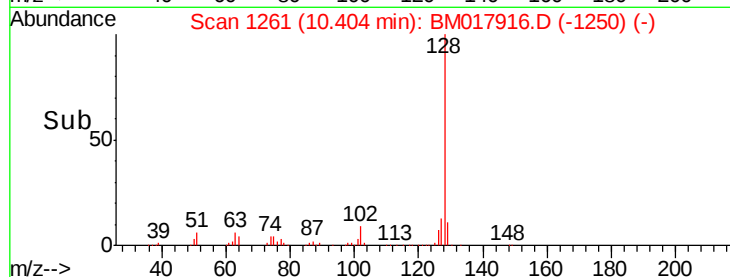
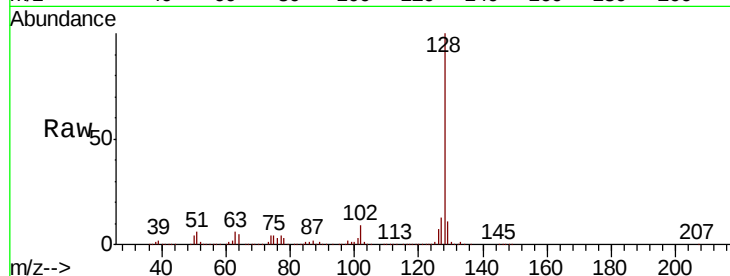




#31
Naphthalene
Concen: 31.667 ng
RT: 10.40 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

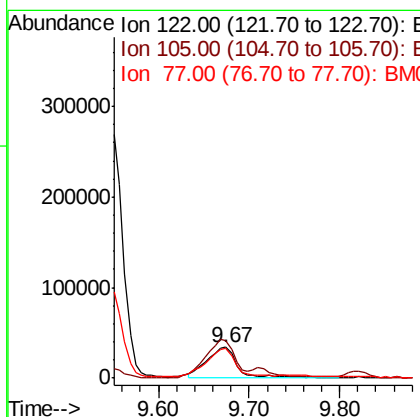
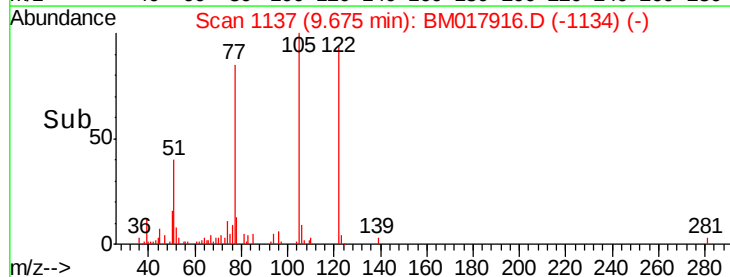
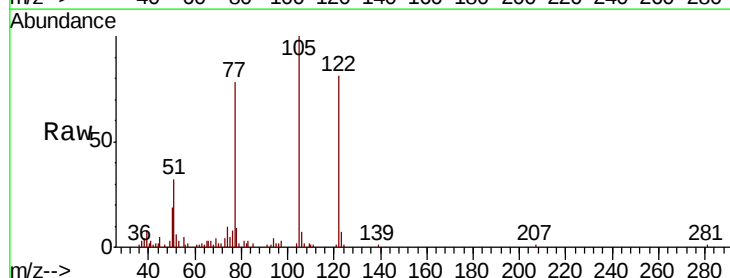
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

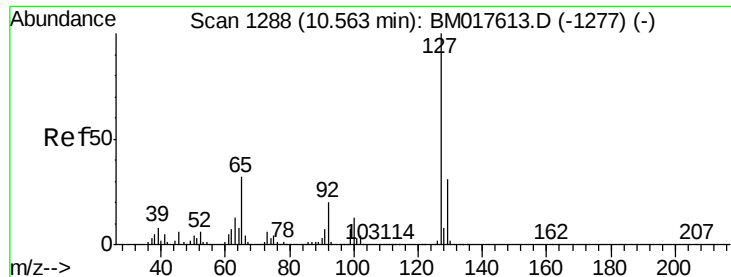
Tgt Ion:128 Resp: 1621992
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 5.963 ng
RT: 9.67 min Scan# 1137
Delta R.T. -0.08 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:122 Resp: 73420
Ion Ratio Lower Upper
122 100
105 123.4 109.1 149.1
77 96.1 82.1 122.1

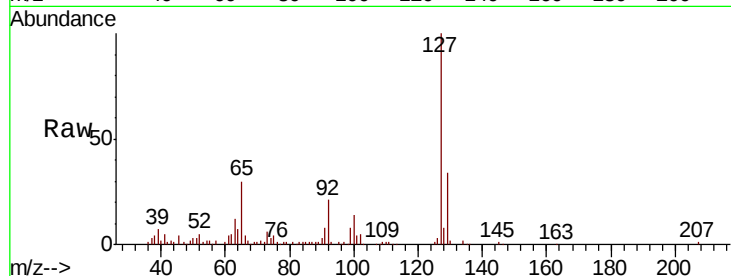




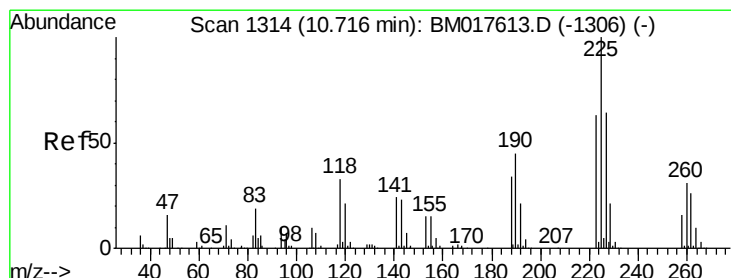
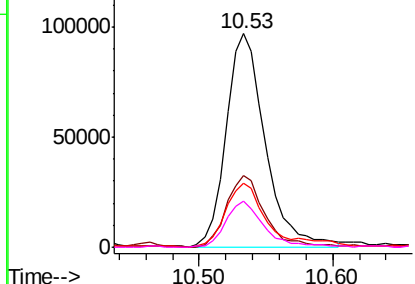
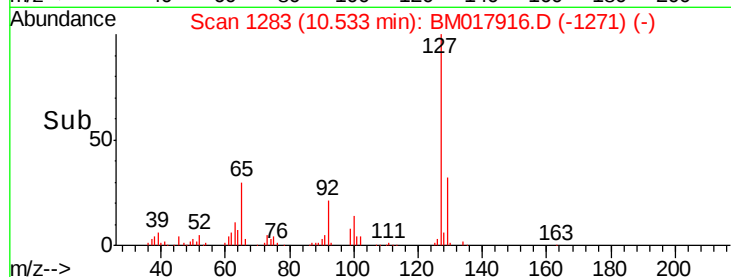
#33
4-Chloroaniline
Concen: 8.854 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tgt Ion:	127	Resp:	198617
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.0	37.4
65	30.2	25.8	38.8
92	21.5	15.8	23.6

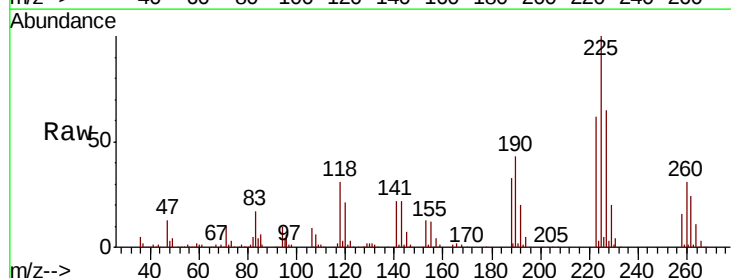


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

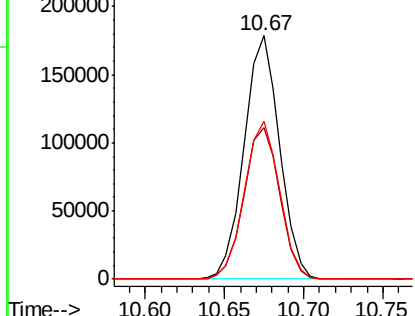
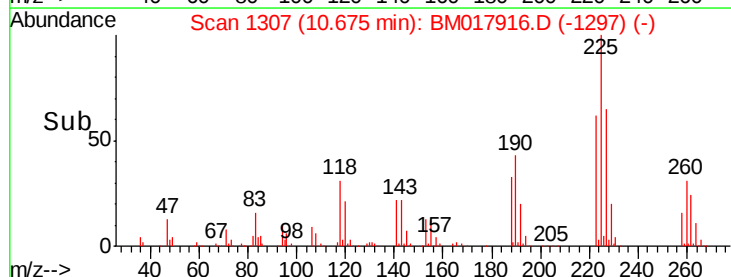


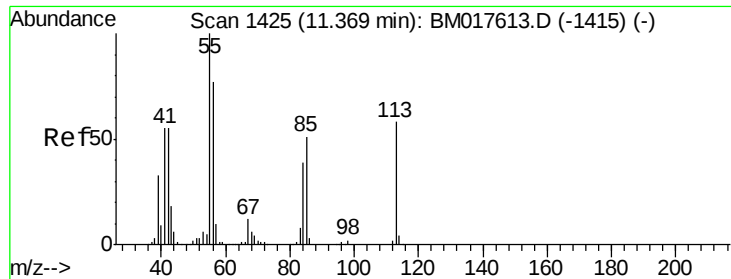
#34
Hexachlorobutadiene
Concen: 24.430 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:	225	Resp:	278301
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	64.8	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
250000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

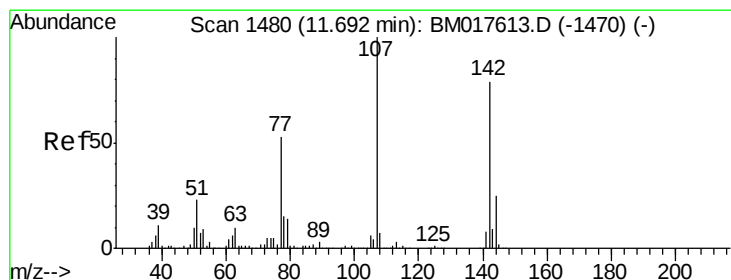
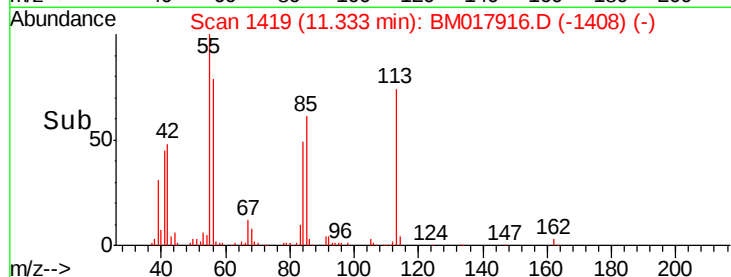
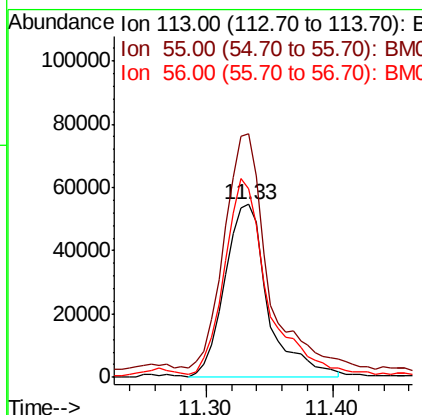
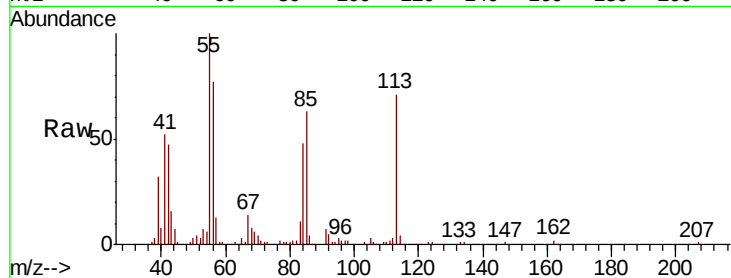




#35
 Caprolactam
 Concen: 22.329 ng
 RT: 11.33 min Scan# 1419
 Delta R.T. -0.04 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

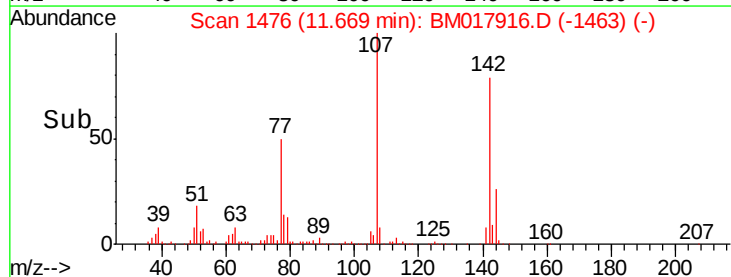
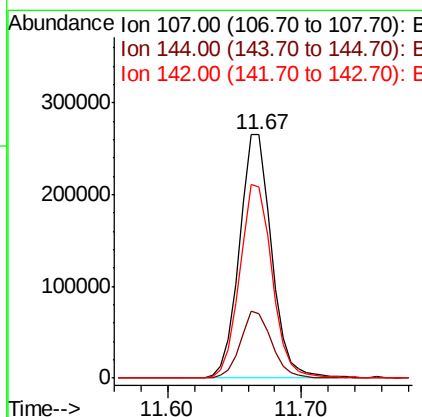
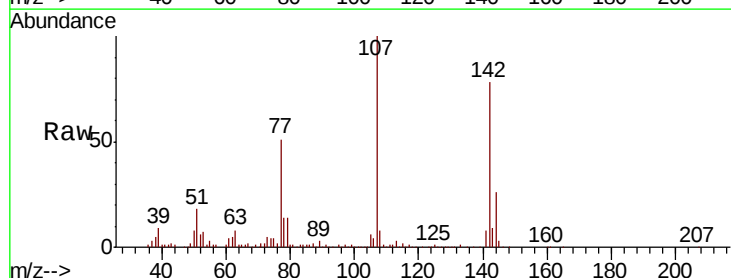
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

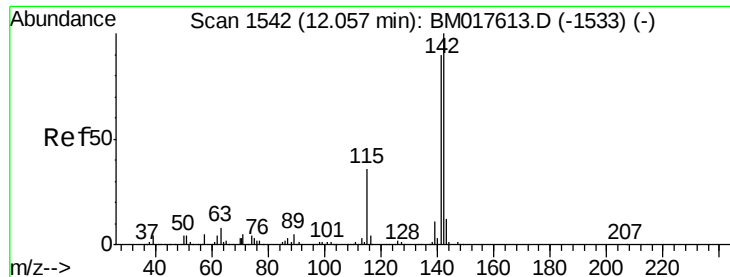
Tgt Ion:113 Resp: 129732
 Ion Ratio Lower Upper
 113 100
 55 140.7 153.1 193.1#
 56 109.0 112.7 152.7#



#36
 4-Chloro-3-methylphenol
 Concen: 24.286 ng
 RT: 11.67 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion:107 Resp: 442386
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.9 29.9
 142 78.5 63.0 94.4

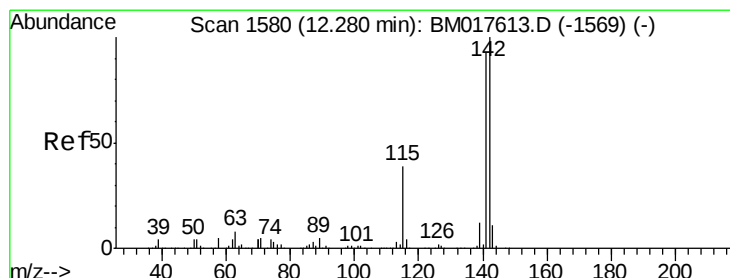
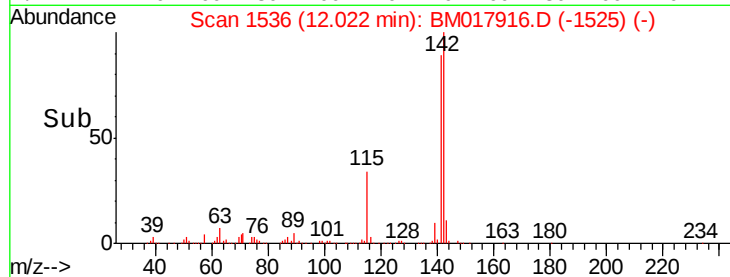
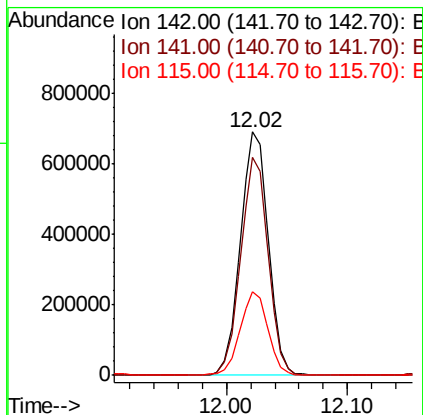
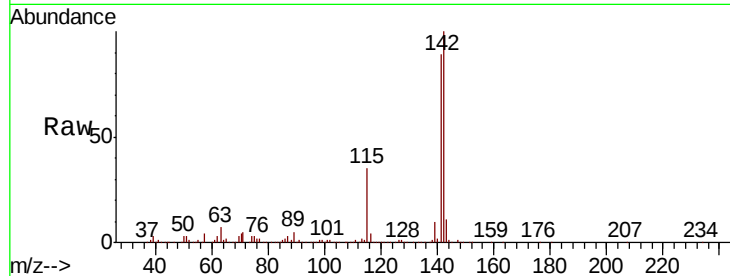




#37
 2-Methylnaphthalene
 Concen: 30.733 ng
 RT: 12.02 min Scan# 1536
 Delta R.T. -0.04 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

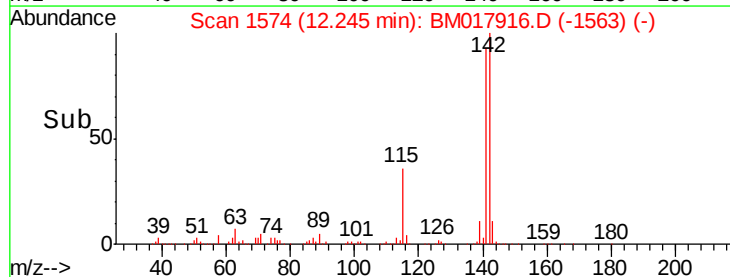
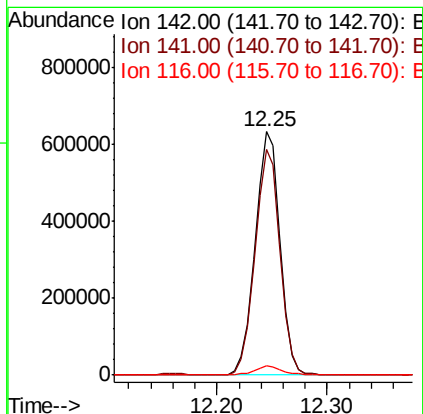
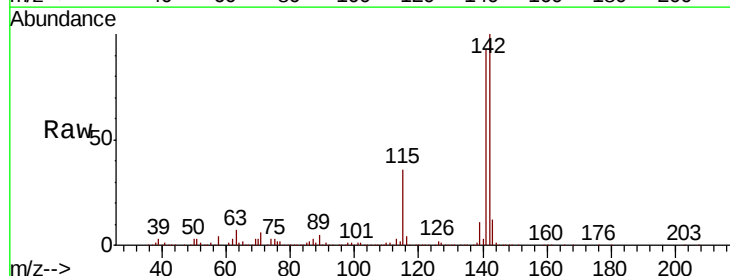
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

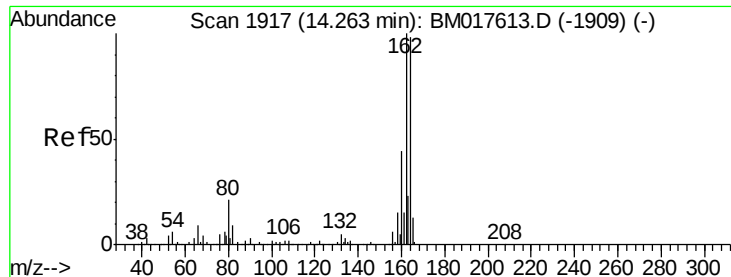
Tgt Ion:142 Resp: 1112568
 Ion Ratio Lower Upper
 142 100
 141 89.4 72.2 108.4
 115 34.6 28.5 42.7



#38
 1-Methylnaphthalene
 Concen: 28.021 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion:142 Resp: 994606
 Ion Ratio Lower Upper
 142 100
 141 92.9 74.2 111.4
 116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

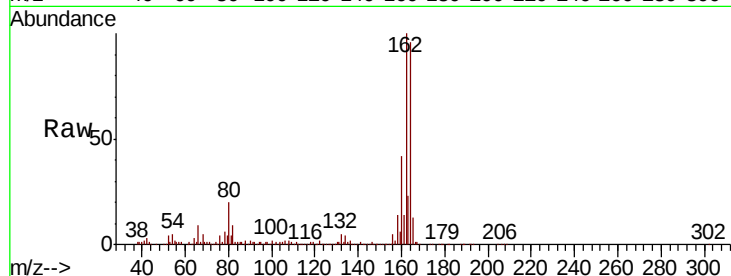
Tgt Ion:164 Resp: 506028

Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.0

160 44.1 35.6 53.4

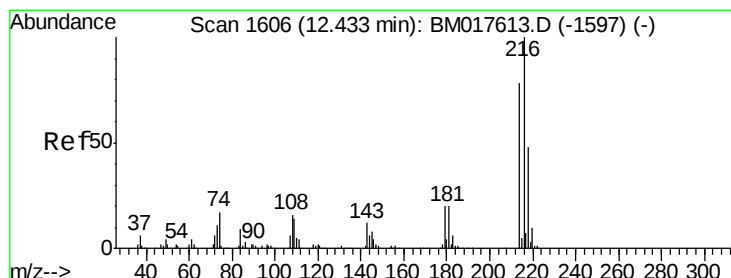
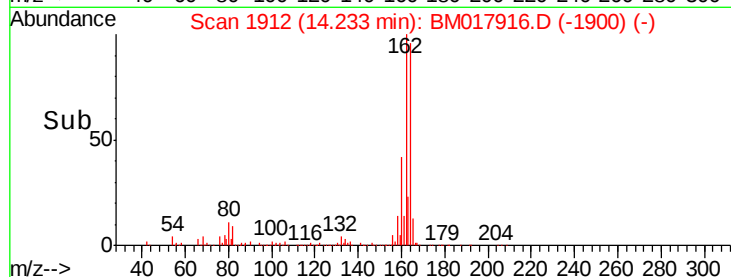
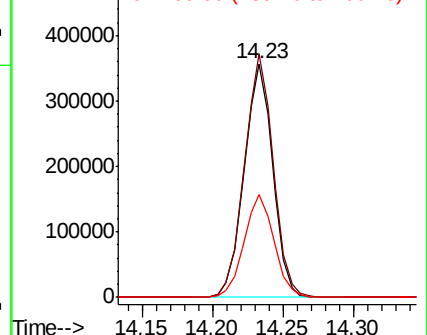


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.908 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.04 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:216 Resp: 480152

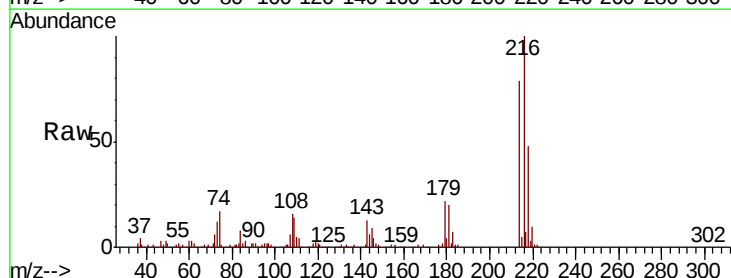
Ion Ratio Lower Upper

216 100

214 79.2 62.5 93.7

179 21.4 16.8 25.2

108 16.0 14.6 22.0



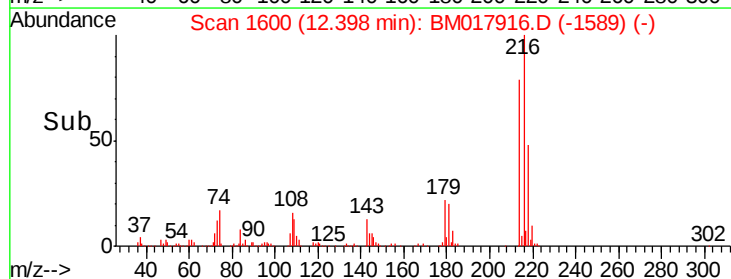
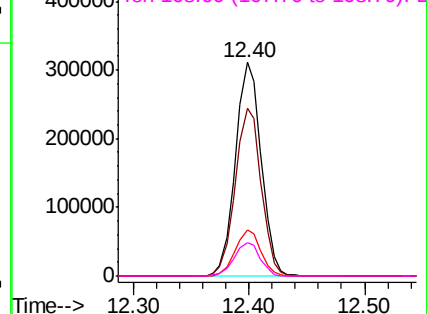
Abundance

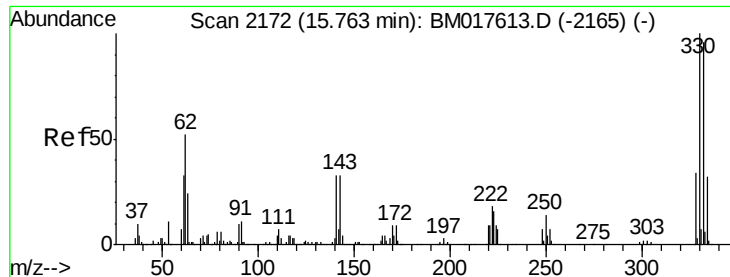
Ion 216.00 (215.70 to 216.70): E

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

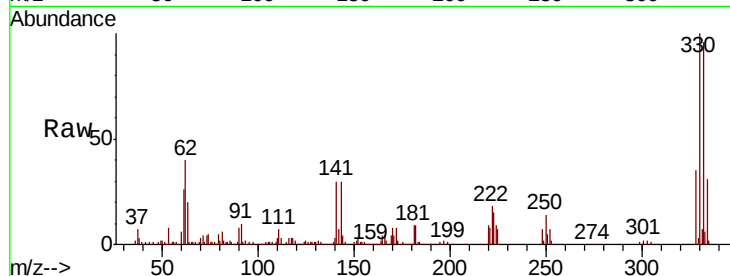




#42
 2,4,6-Tribromophenol
 Concen: 71.266 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.9	116.9
141	32.4	27.5	41.3

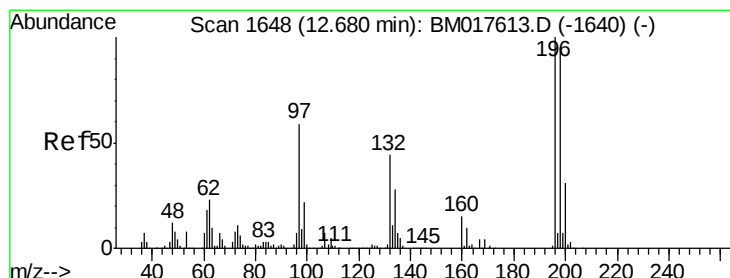
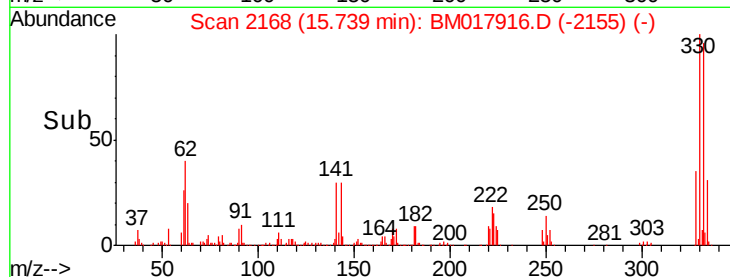
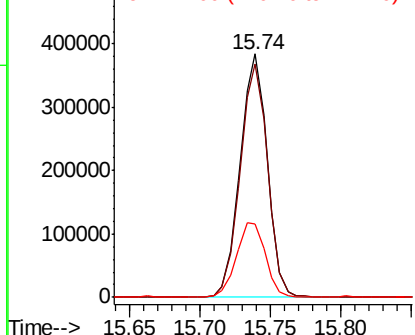


Abundance

Ion 329.80 (329.50 to 330.50): E

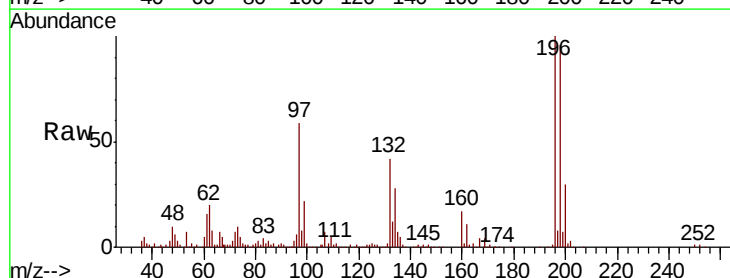
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 28.667 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.6	113.4
200	30.0	24.8	37.2

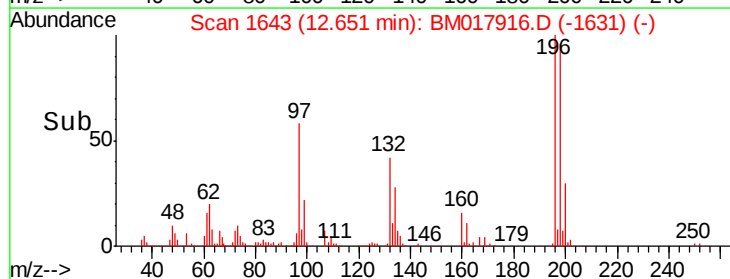
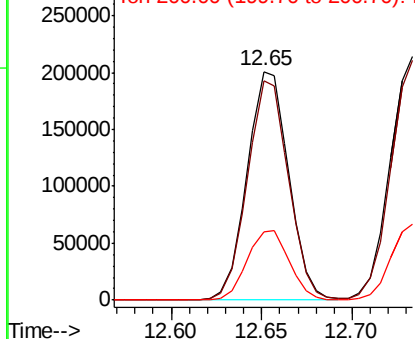


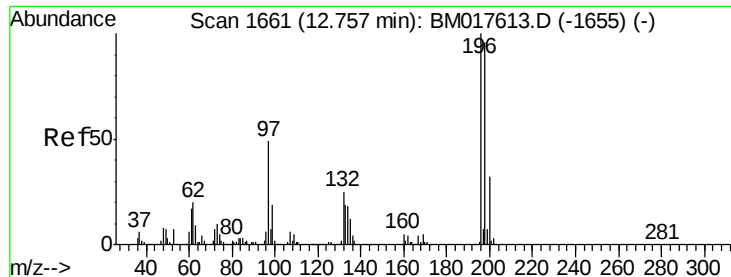
Abundance

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

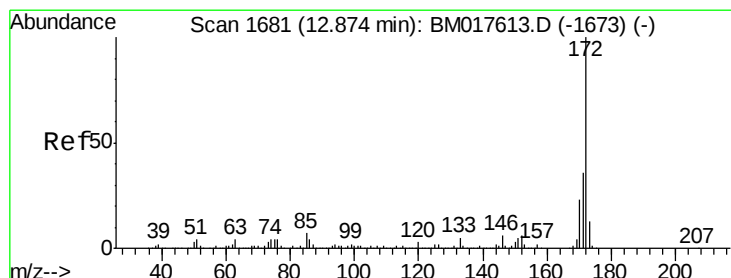
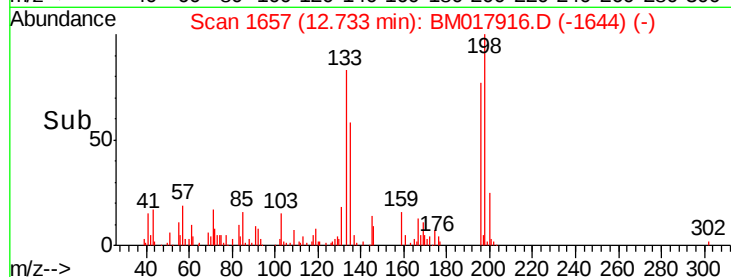
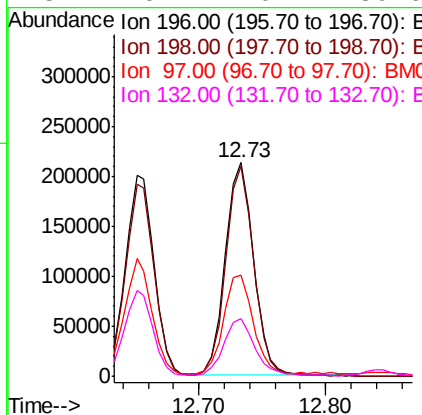
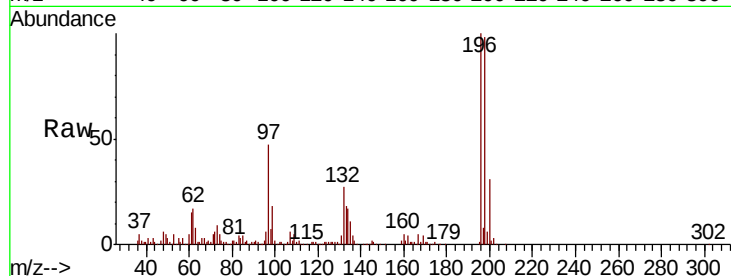




#44
2,4,5-Trichlorophenol
Concen: 27.946 ng
RT: 12.73 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

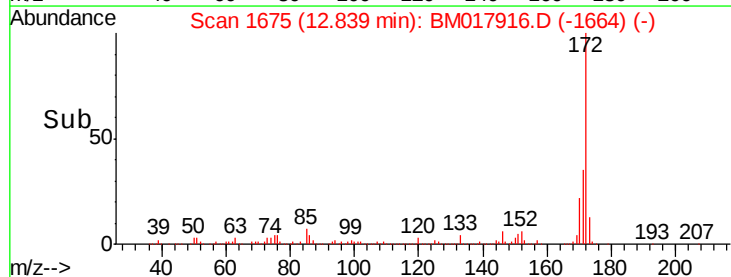
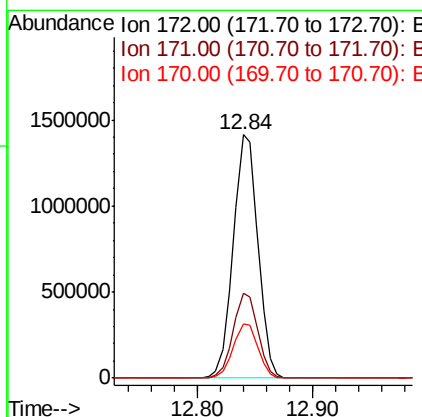
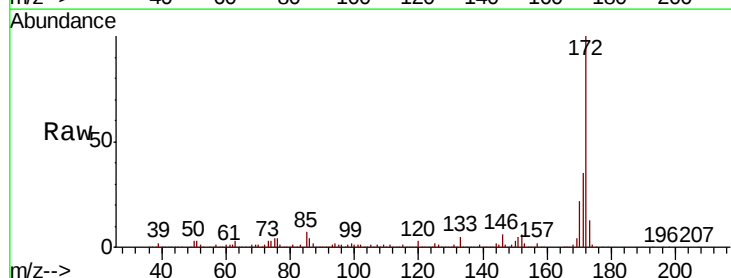
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

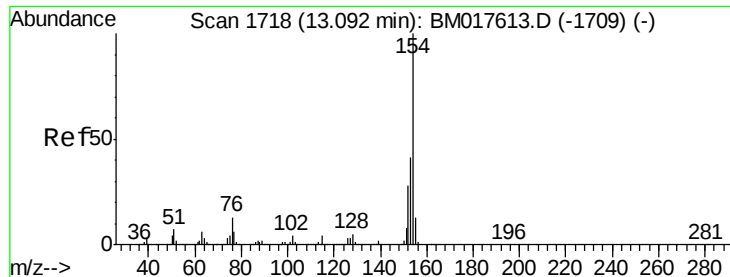
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.8	115.2
97	47.4	39.0	58.6
132	26.7	20.4	30.6



#45
2-Fluorobiphenyl
Concen: 53.709 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	22.3	18.3	27.5

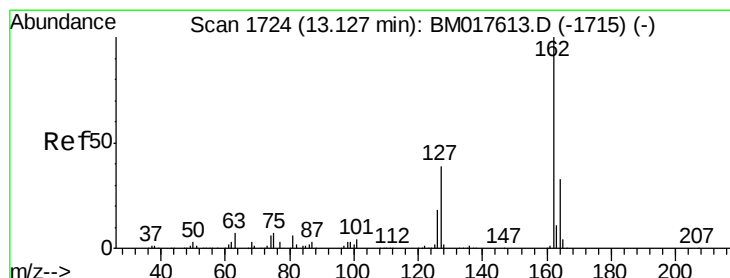
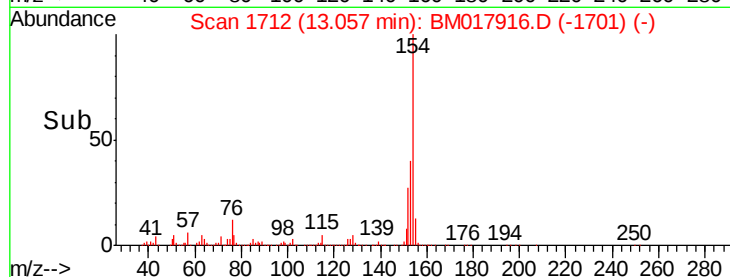
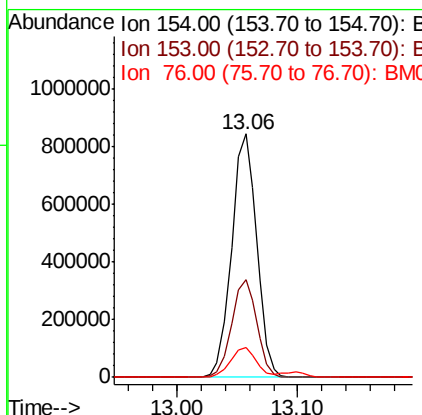
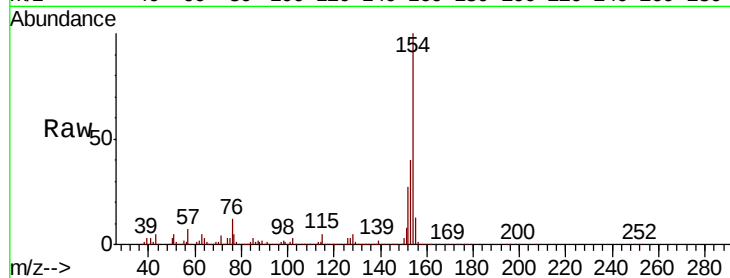




#46
 1,1'-Biphenyl
 Concen: 26.853 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

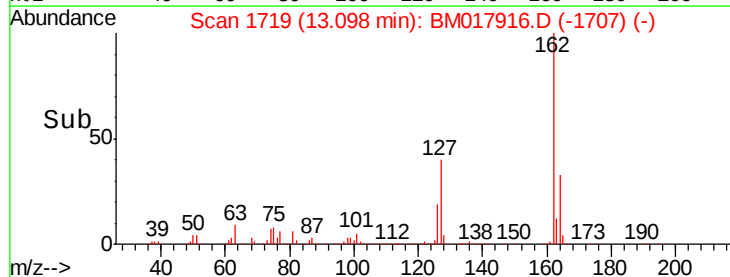
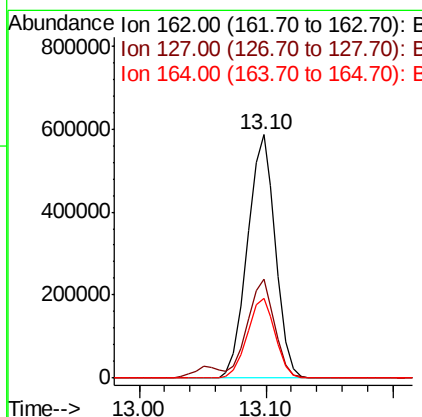
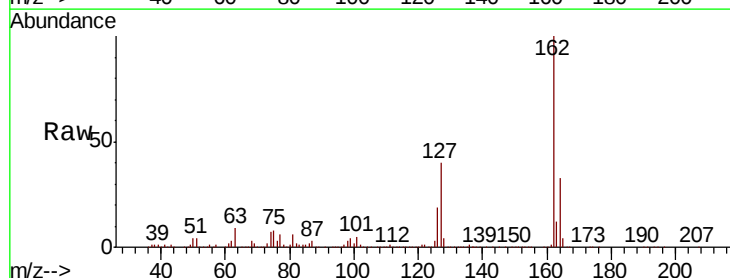
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

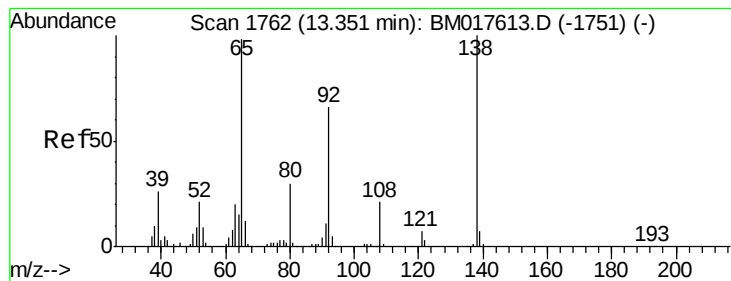
Tgt Ion:154 Resp: 1219727
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.8 60.8
 76 12.5 0.0 32.8



#47
 2-Chloronaphthalene
 Concen: 26.527 ng
 RT: 13.10 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion:162 Resp: 894346
 Ion Ratio Lower Upper
 162 100
 127 40.4 32.6 48.8
 164 32.6 26.5 39.7





#48

2-Nitroaniline

Concen: 26.018 ng

RT: 13.32 min Scan# 1757

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

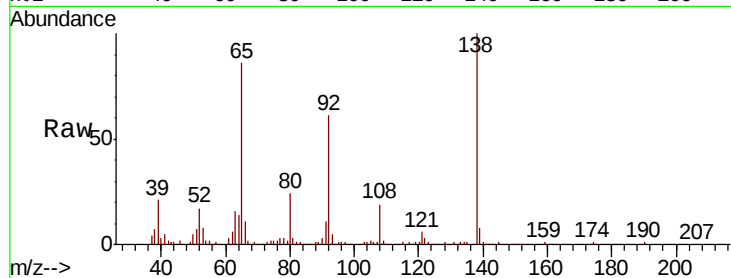
Tgt Ion: 65 Resp: 271273

Ion Ratio Lower Upper

65 100

92 70.9 53.7 80.5

138 116.4 81.5 122.3

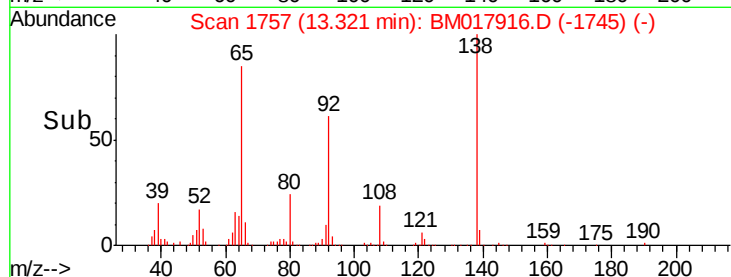


Abundance Ion 65.00 (64.70 to 65.70): BM017916.D (-1751) (-)

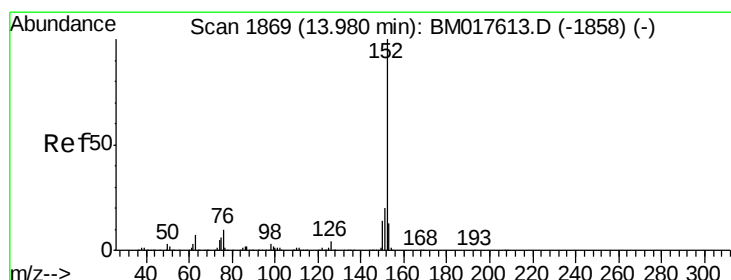
Ion 92.00 (91.70 to 92.70): BM017916.D (-1751) (-)

Ion 138.00 (137.70 to 138.70): BM017916.D (-1751) (-)

Time-->



Time-->



#49

Acenaphthylene

Concen: 28.504 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

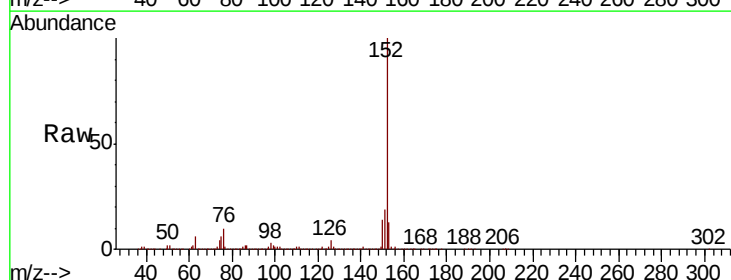
Tgt Ion: 152 Resp: 1443834

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 13.3 10.5 15.7

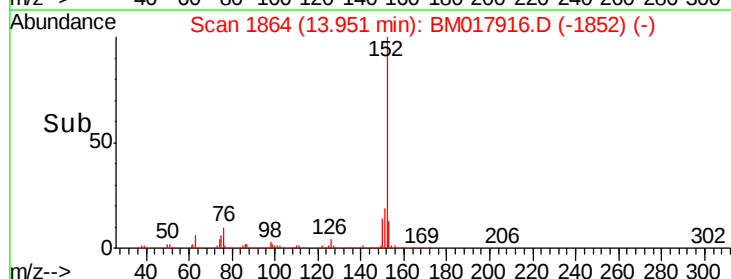


Abundance Ion 152.00 (151.70 to 152.70): BM017916.D (-1852) (-)

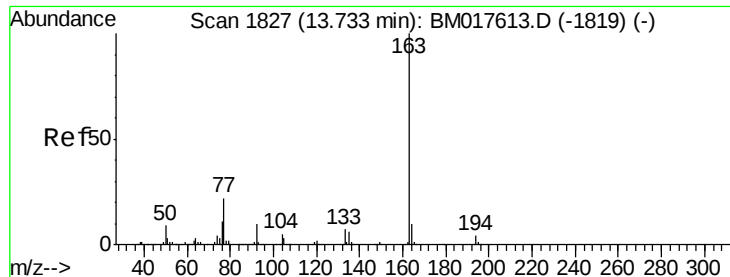
Ion 151.00 (150.70 to 151.70): BM017916.D (-1852) (-)

Ion 153.00 (152.70 to 153.70): BM017916.D (-1852) (-)

Time-->



Time-->



#50

Dimethylphthalate

Concen: 30.811 ng

RT: 13.70 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

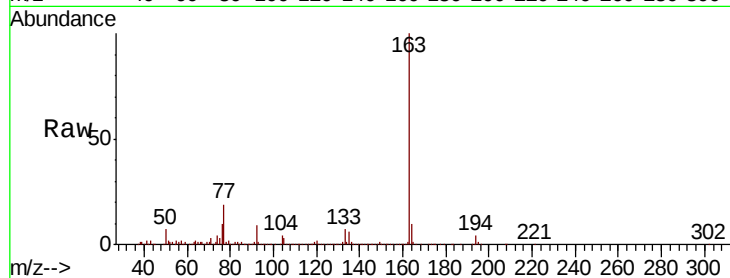
Tgt Ion:163 Resp: 1267628

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

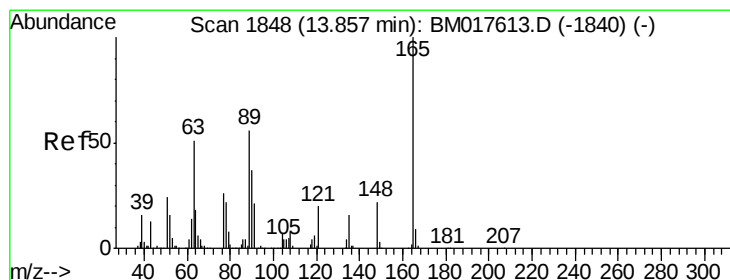
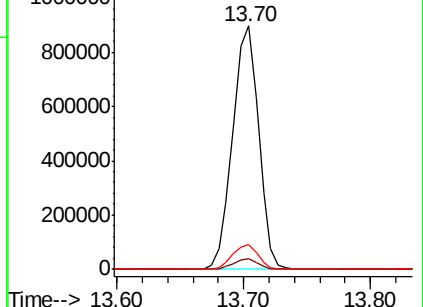
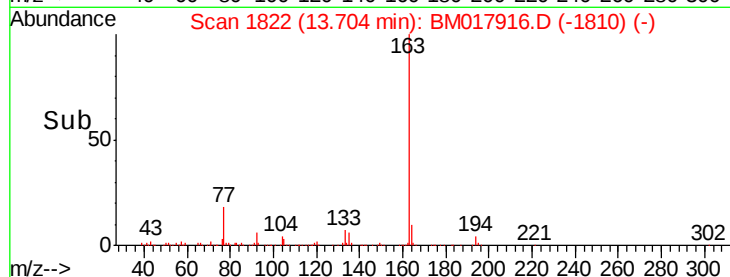
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 23.555 ng

RT: 13.83 min Scan# 1843

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

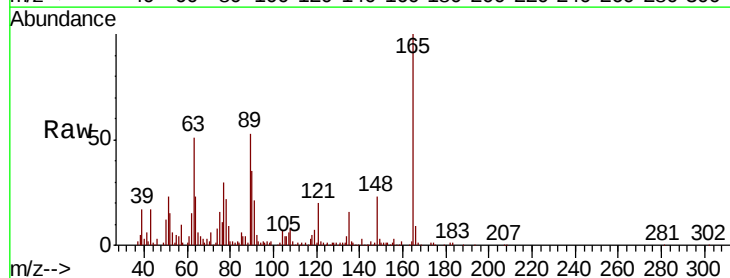
Tgt Ion:165 Resp: 215791

Ion Ratio Lower Upper

165 100

63 50.8 47.3 70.9

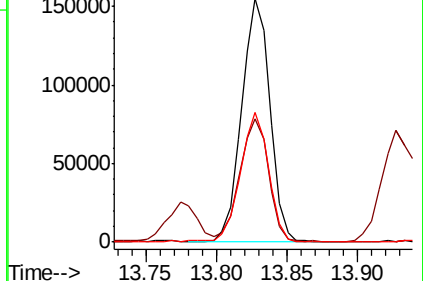
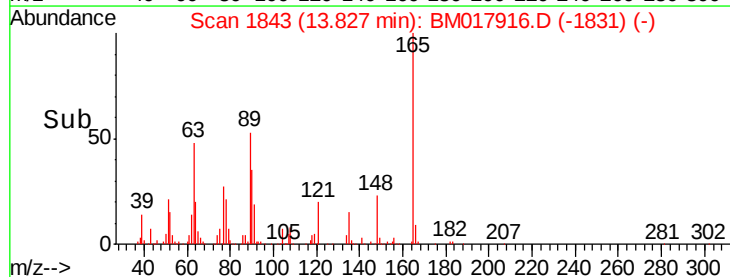
89 53.2 44.8 67.2

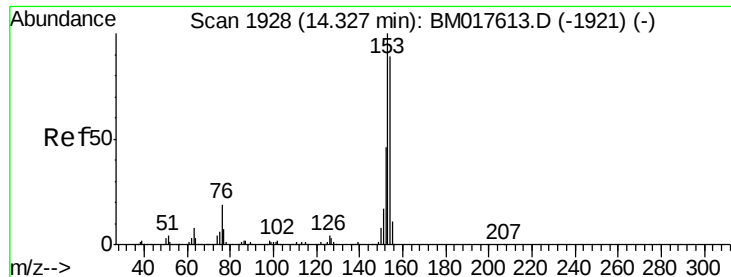


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 32.079 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

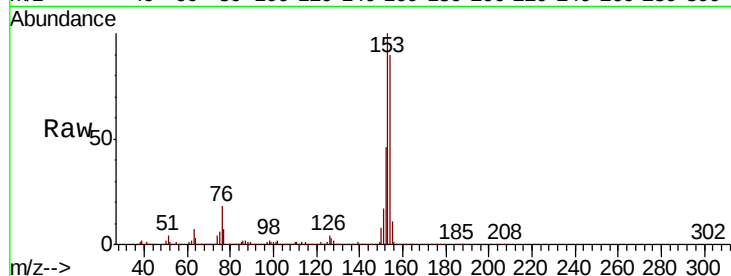
Tgt Ion:154 Resp: 997210

Ion Ratio Lower Upper

154 100

153 110.6 90.2 135.4

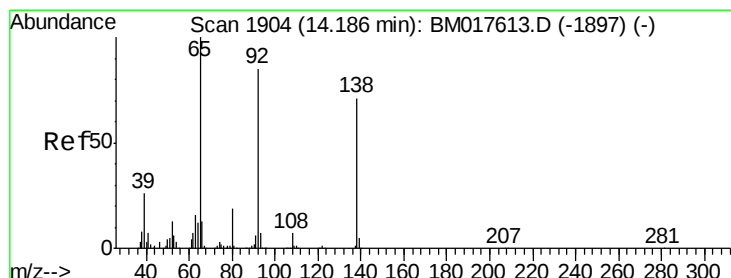
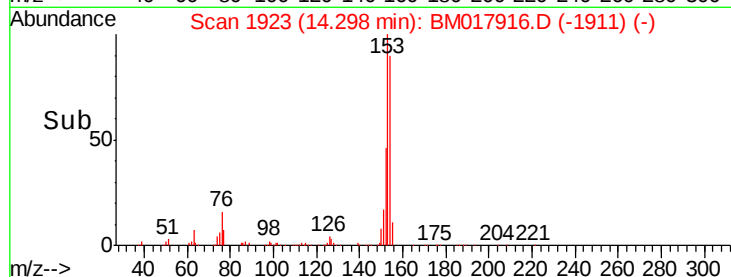
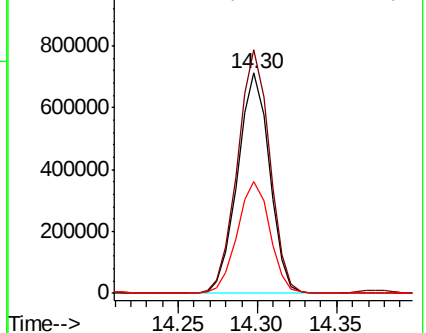
152 51.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 23.329 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

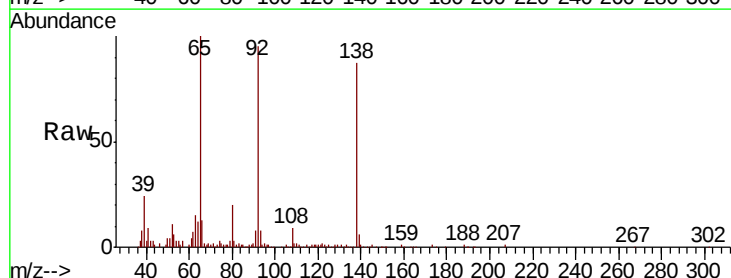
Tgt Ion:138 Resp: 232691

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.2

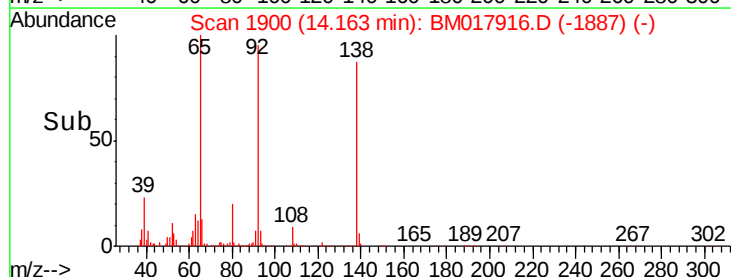
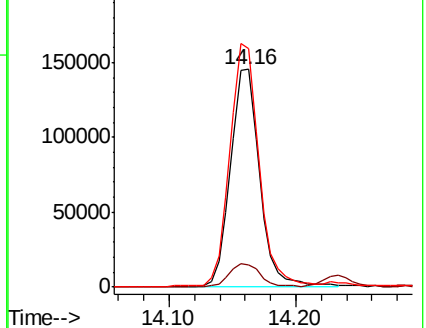
92 109.3 95.4 143.2

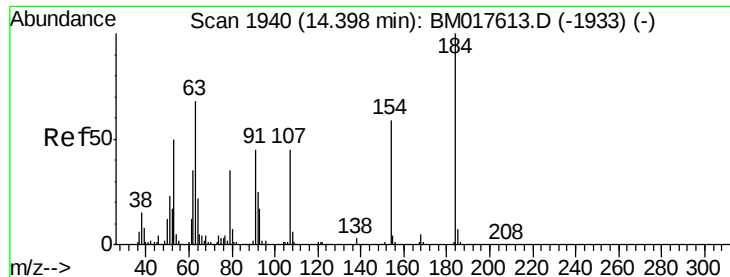


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

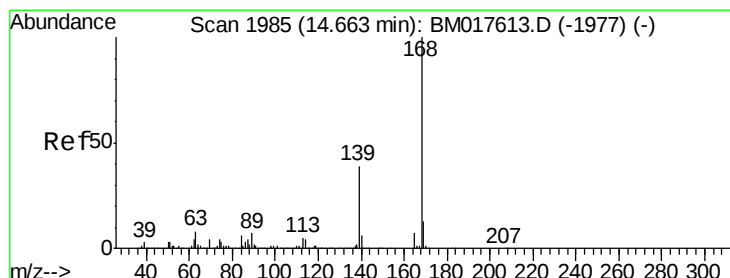
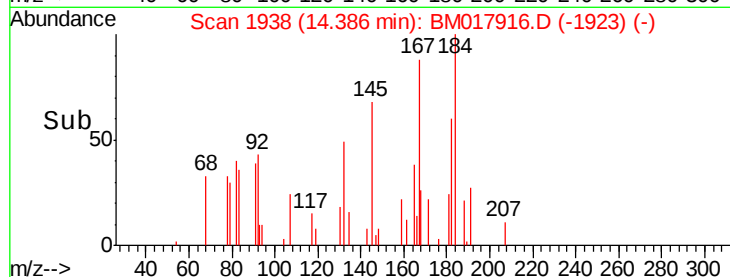
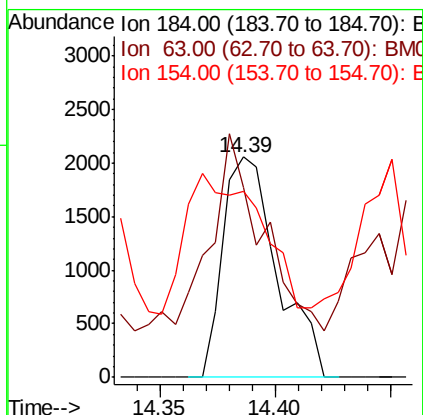
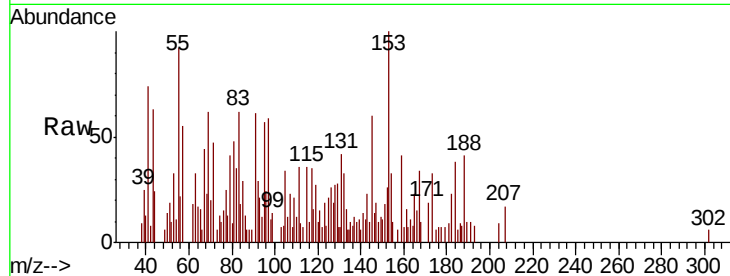




#54
2,4-Dinitrophenol
Concen: 7.671 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

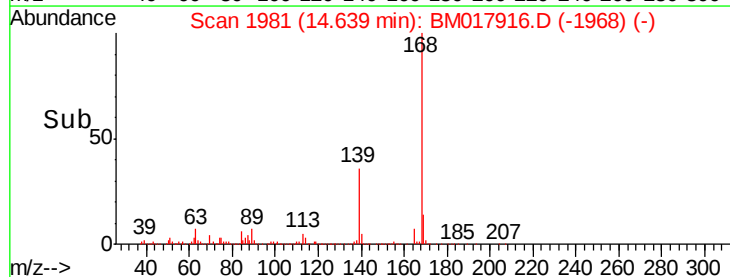
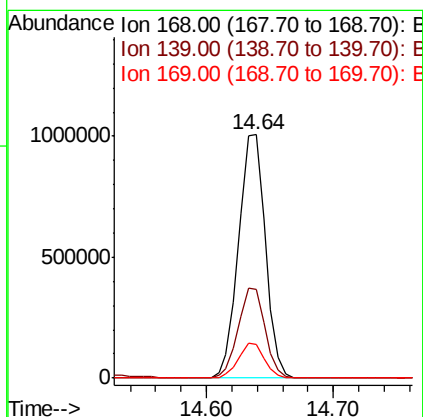
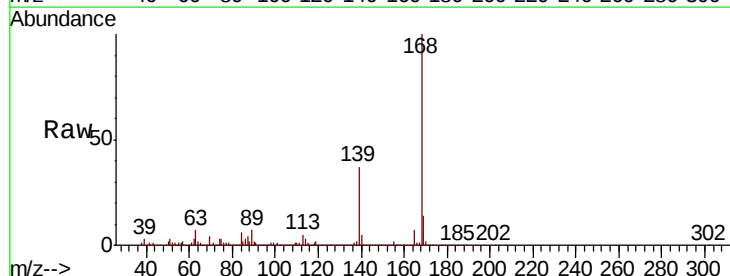
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

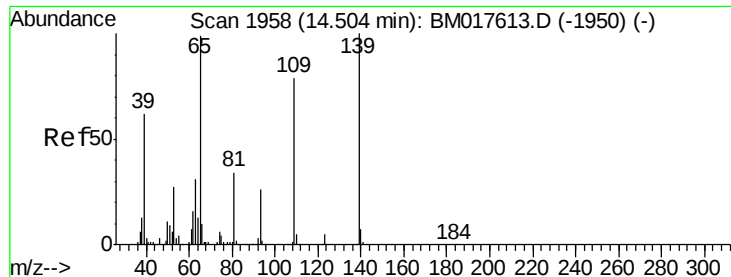
Tgt Ion:184 Resp: 3364
Ion Ratio Lower Upper
184 100
63 86.1 55.1 82.7#
154 84.6 51.3 76.9#



#55
Dibenzofuran
Concen: 28.990 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:168 Resp: 1472739
Ion Ratio Lower Upper
168 100
139 36.6 31.0 46.6
169 13.6 10.6 16.0

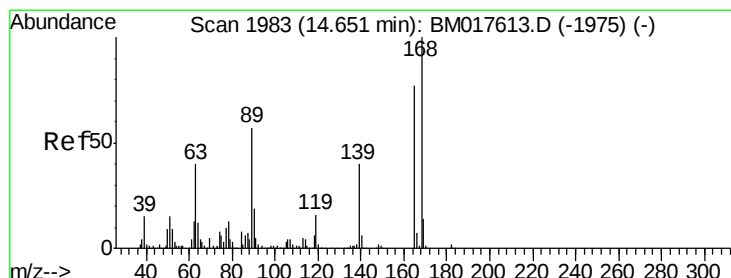
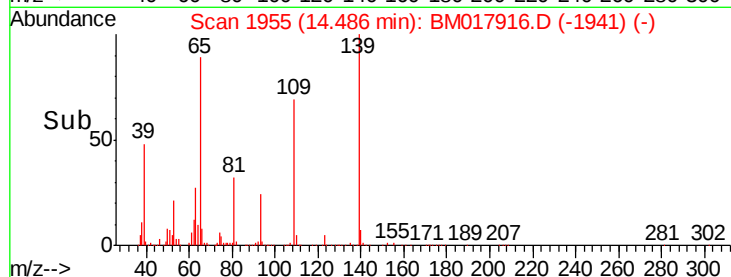
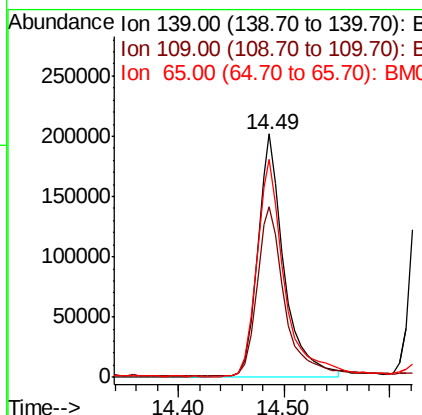
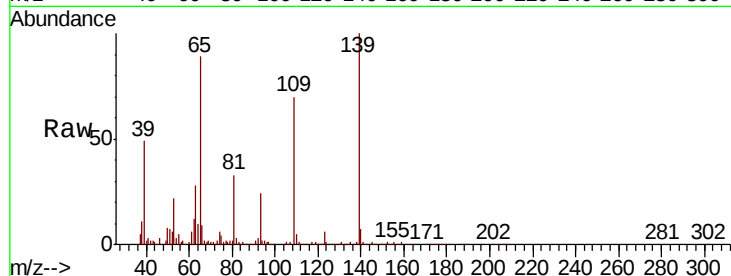




#56
4-Nitrophenol
Concen: 44.300 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

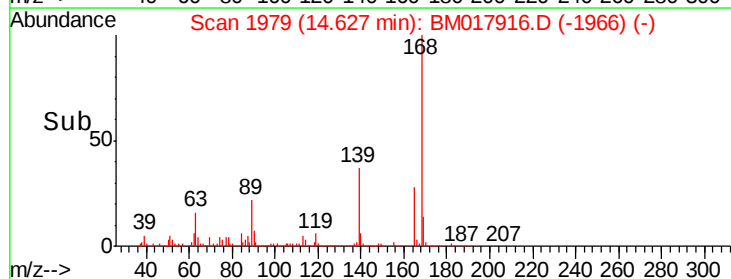
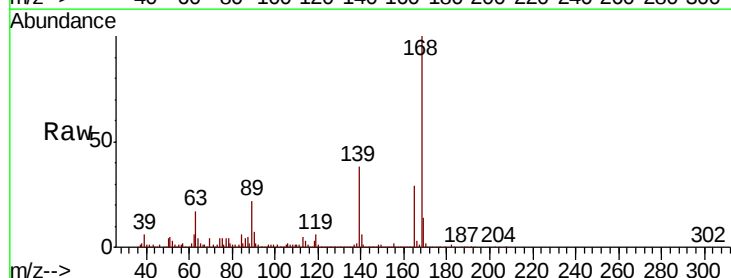
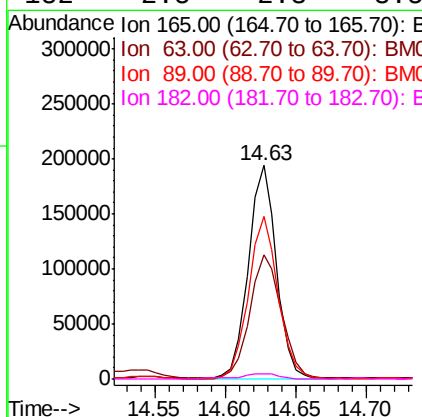
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

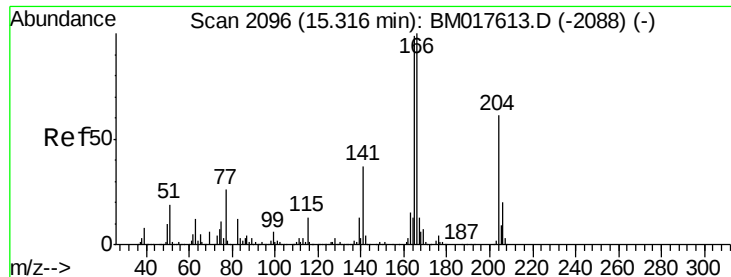
Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	58.6	98.6
65	89.5	79.5	119.5



#57
2,4-Dinitrotoluene
Concen: 21.856 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.0	41.8	62.8
89	76.3	59.5	89.3
182	2.5	2.3	3.5





#58

Fluorene

Concen: 33.413 ng

RT: 15.29 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

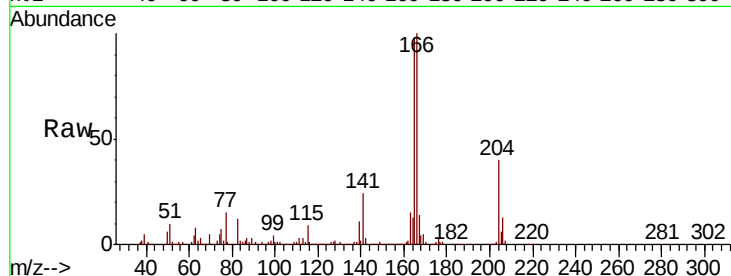
Tgt Ion:166 Resp: 1299467

Ion Ratio Lower Upper

166 100

165 97.6 79.0 118.6

167 13.7 10.8 16.2

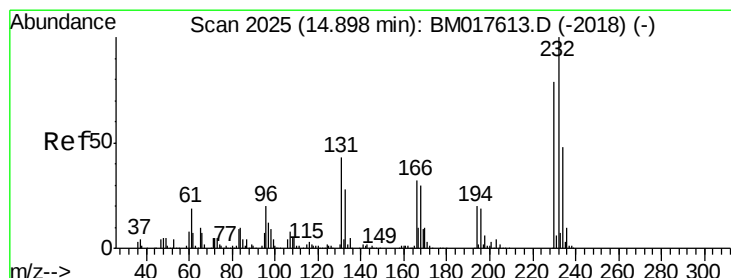
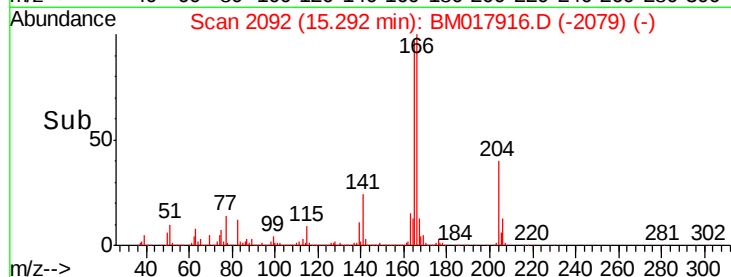
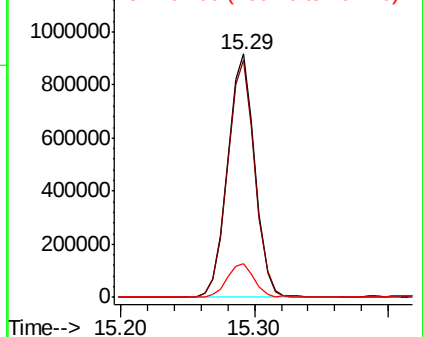


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 25.616 ng

RT: 14.87 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:232 Resp: 278055

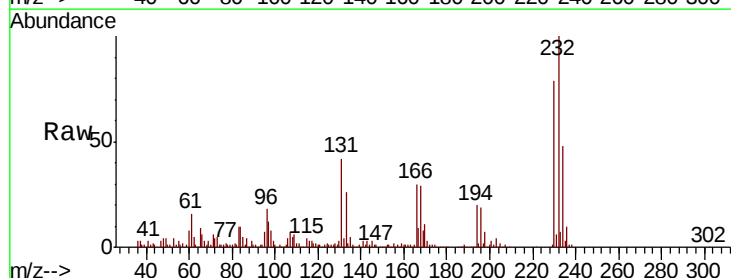
Ion Ratio Lower Upper

232 100

131 43.7 34.8 52.2

130 2.7 1.9 2.9

166 30.2 25.3 37.9



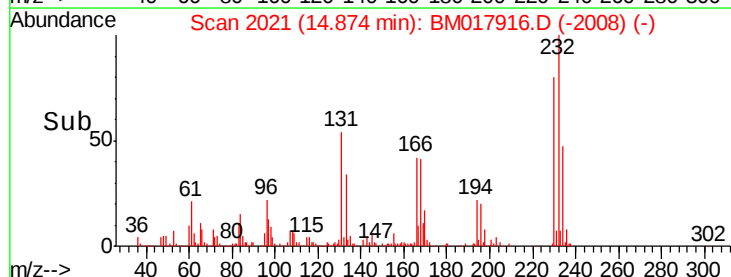
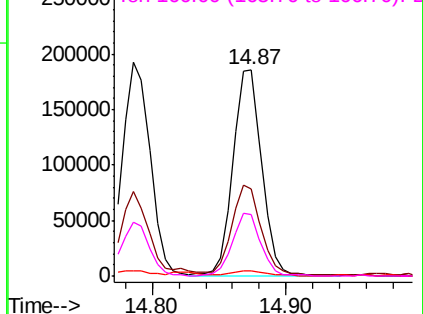
Abundance

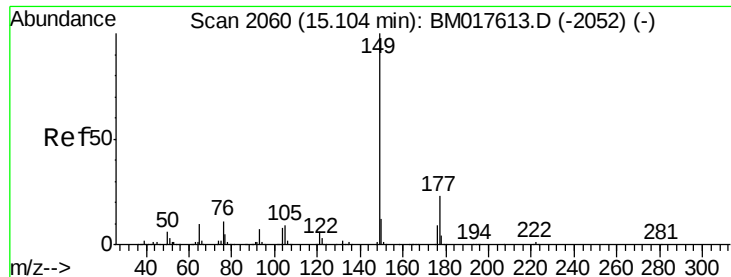
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

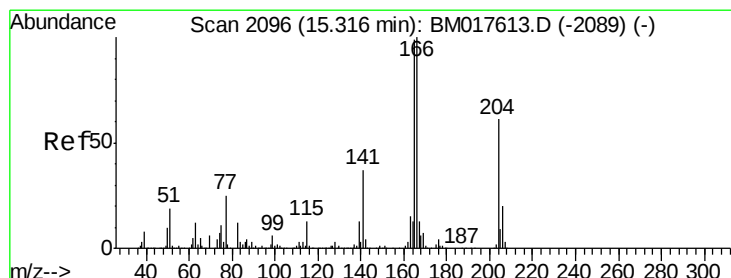
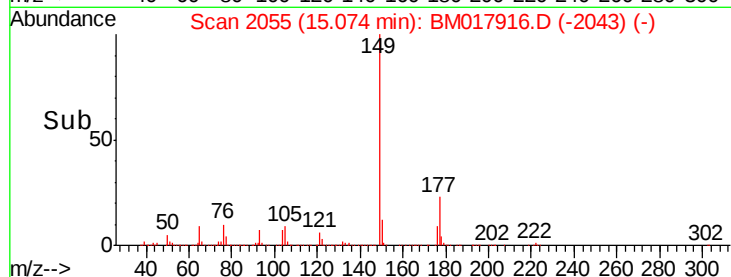
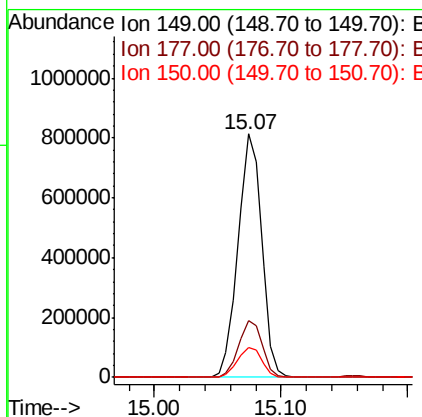
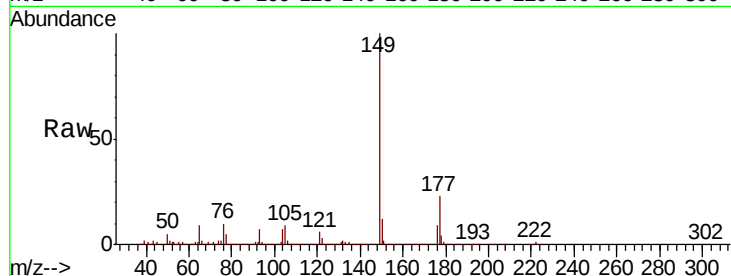




#60
Diethylphthalate
Concen: 23.415 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

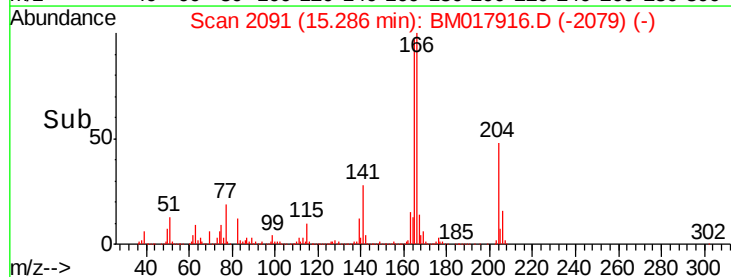
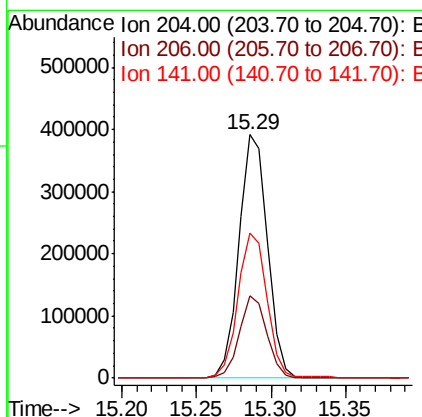
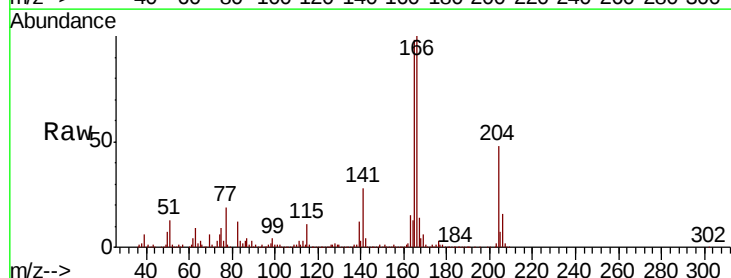
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

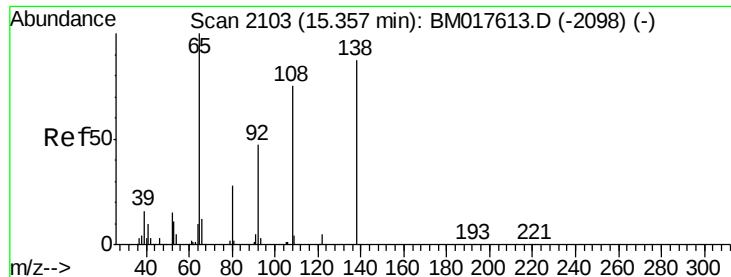
Tgt Ion:149 Resp: 1040859
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.2 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 23.402 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:204 Resp: 517098
Ion Ratio Lower Upper
204 100
206 33.6 25.9 38.9
141 59.3 47.9 71.9

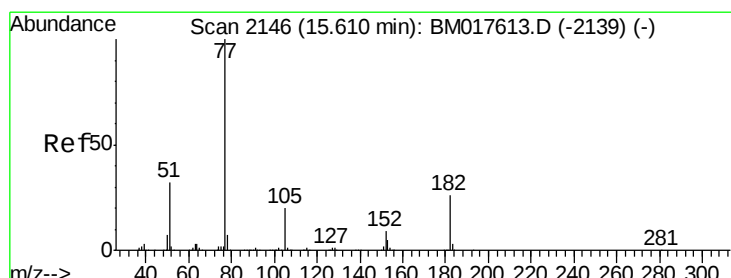
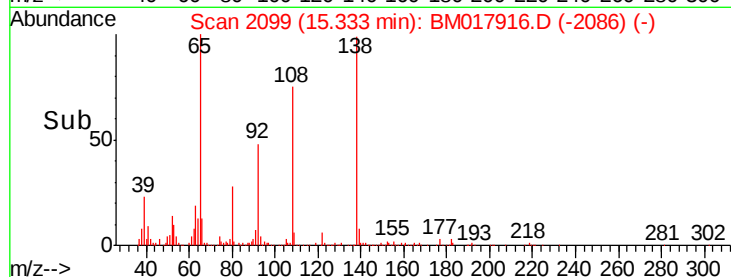
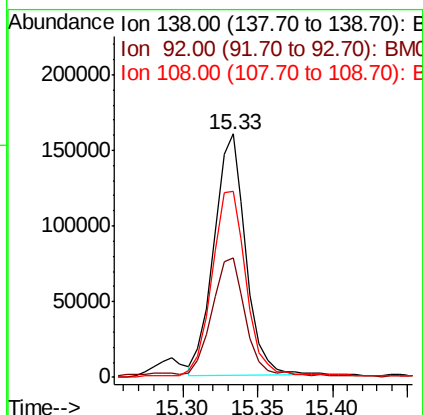
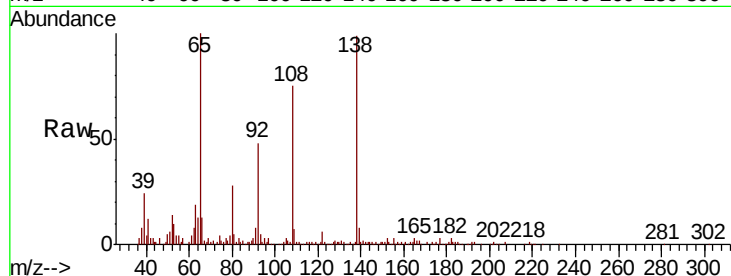




#62
4-Nitroaniline
Concen: 25.412 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

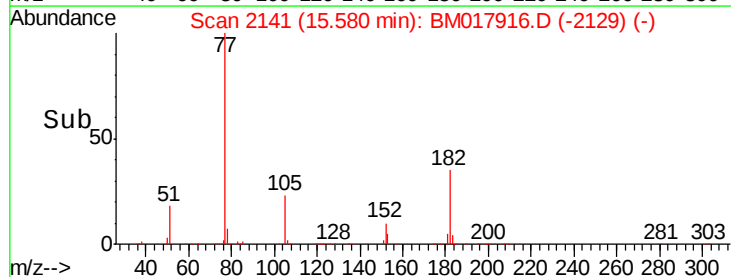
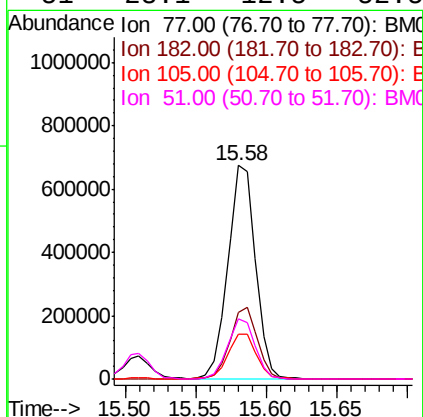
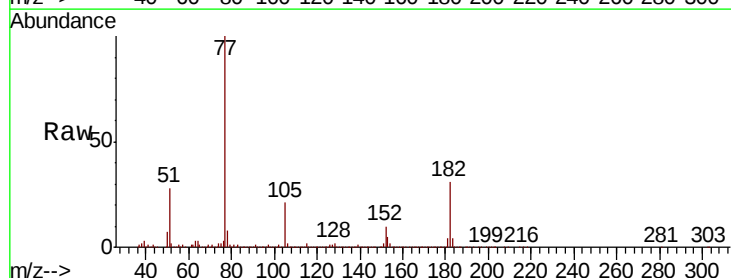
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

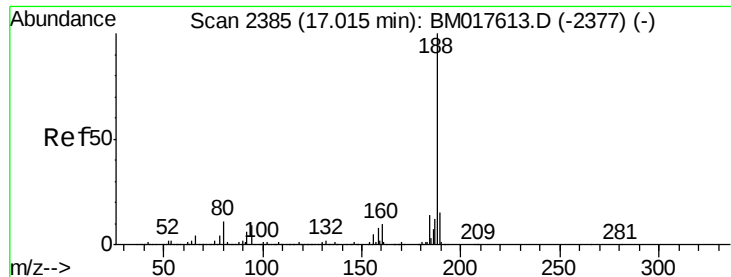
Tgt Ion: 138 Resp: 238884
Ion Ratio Lower Upper
138 100
92 49.0 33.4 73.4
108 76.2 64.3 104.3



#63
Azobenzene
Concen: 22.181 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion: 77 Resp: 911489
Ion Ratio Lower Upper
77 100
182 31.0 5.8 45.8
105 21.0 0.0 40.0
51 28.1 12.5 52.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

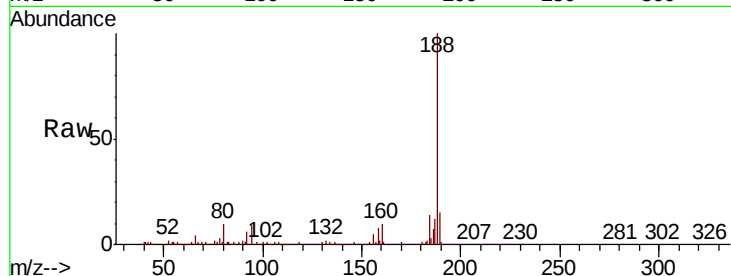
Tgt Ion:188 Resp: 939361

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

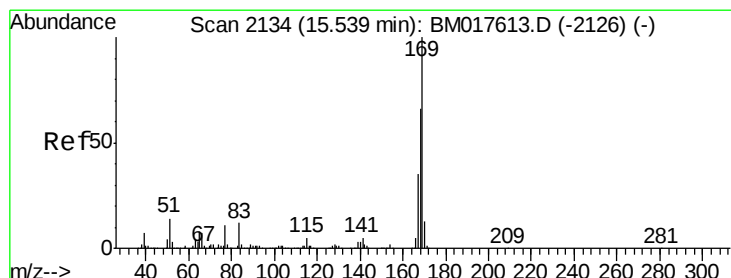
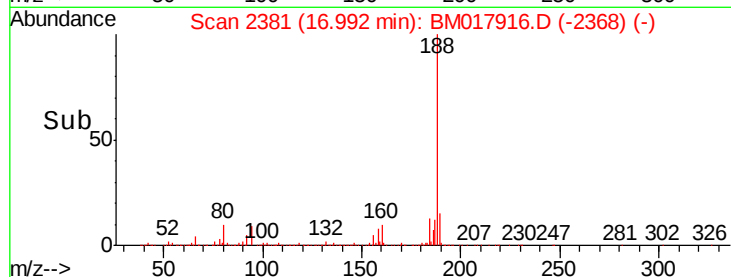
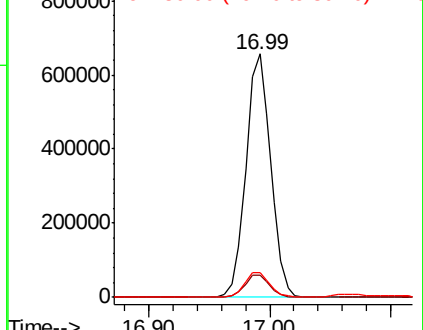
80 10.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#66

n-Nitrosodiphenylamine

Concen: 29.174 ng

RT: 15.51 min Scan# 2129

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

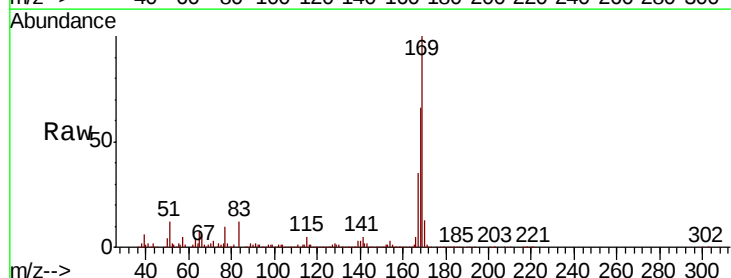
Tgt Ion:169 Resp: 881098

Ion Ratio Lower Upper

169 100

168 66.0 53.0 79.6

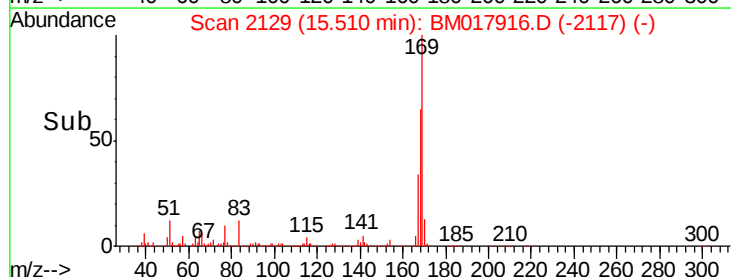
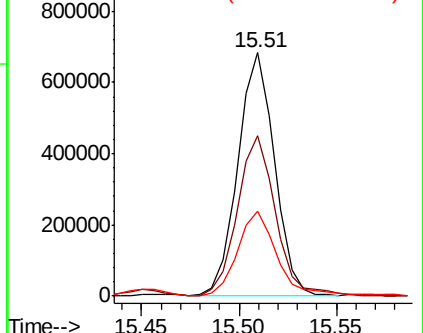
167 34.7 28.0 42.0

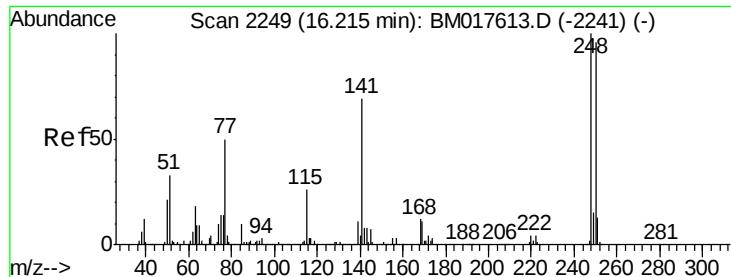


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

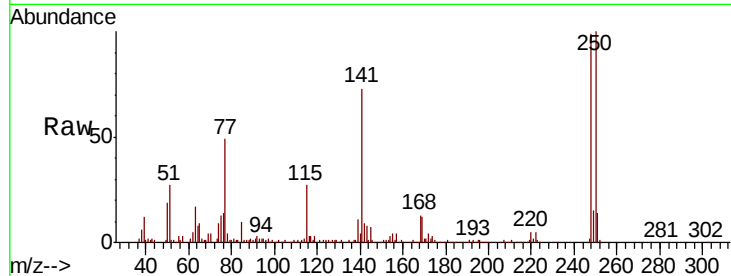




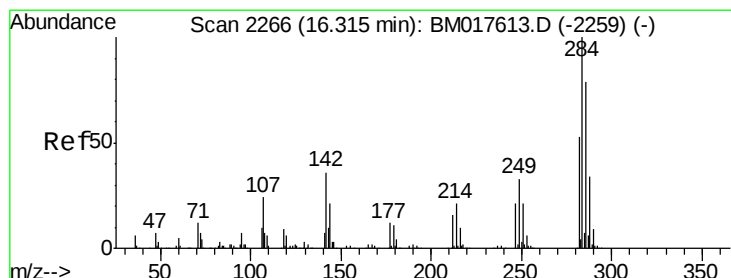
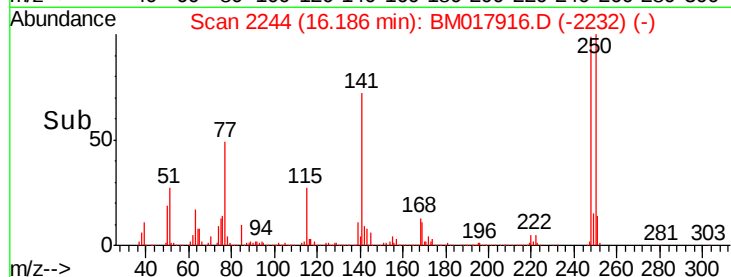
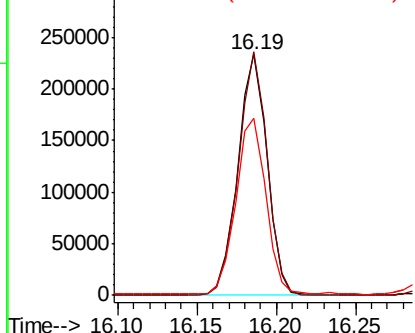
#67
4-Bromophenyl-phenylether
Concen: 26.904 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tgt Ion:248 Resp: 298895
Ion Ratio Lower Upper
248 100
250 101.0 76.5 114.7
141 73.5 54.9 82.3

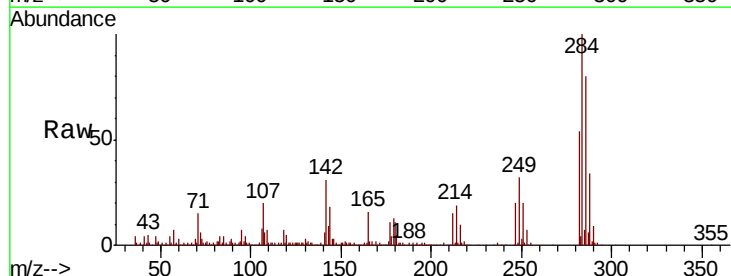


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

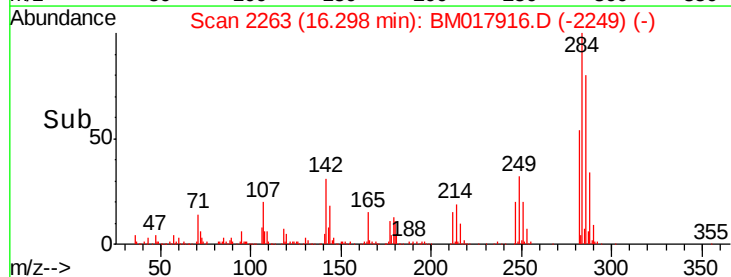
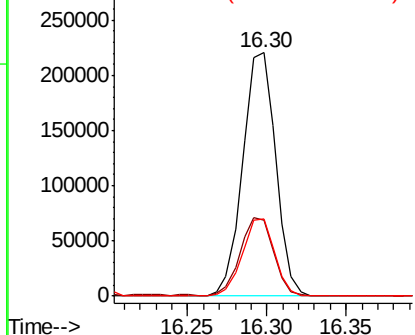


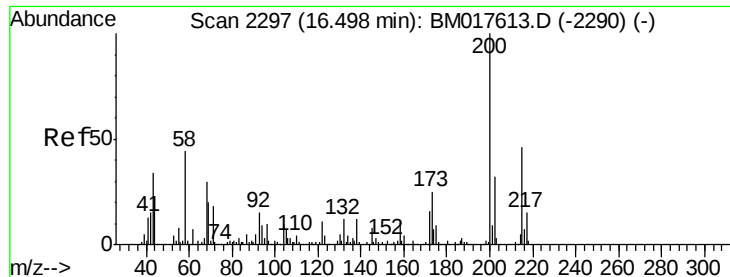
#68
Hexachlorobenzene
Concen: 25.398 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:284 Resp: 318092
Ion Ratio Lower Upper
284 100
142 31.3 28.4 42.6
249 31.5 26.4 39.6



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





#69

Atrazine

Concen: 27.195 ng

RT: 16.47 min Scan# 2293

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

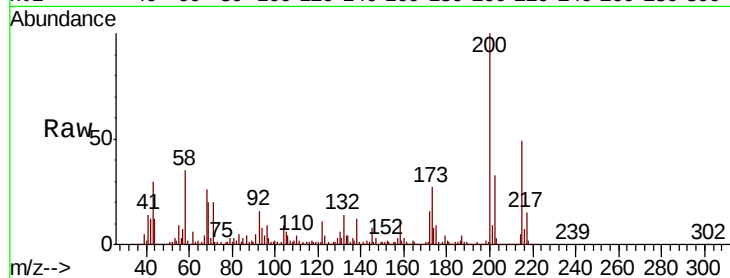
Tgt Ion:200 Resp: 302082

Ion Ratio Lower Upper

200 100

173 26.6 5.1 45.1

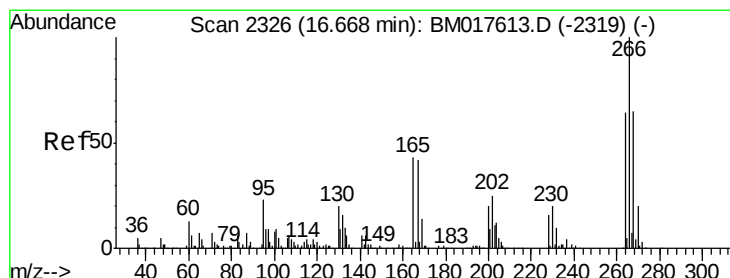
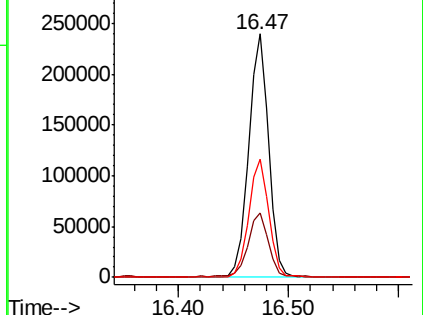
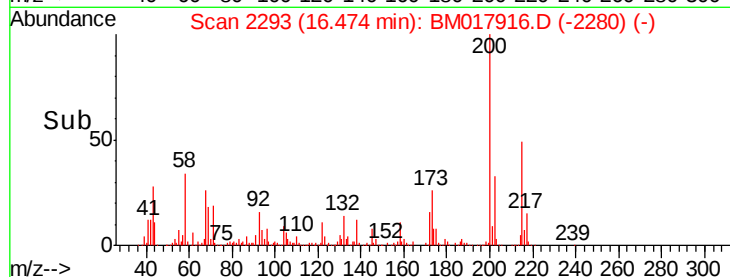
215 48.8 25.8 65.8



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



#70

Pentachlorophenol

Concen: 40.741 ng

RT: 16.64 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

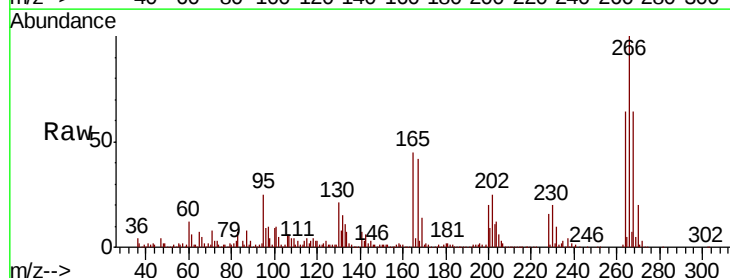
Tgt Ion:266 Resp: 357517

Ion Ratio Lower Upper

266 100

268 64.2 51.7 77.5

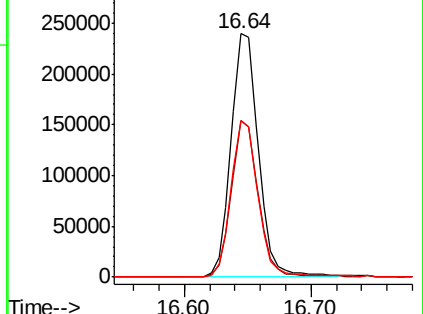
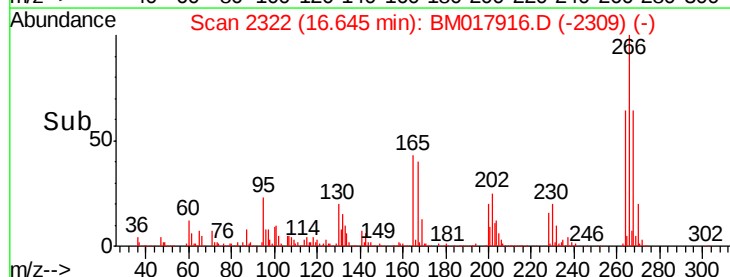
264 64.2 51.3 76.9

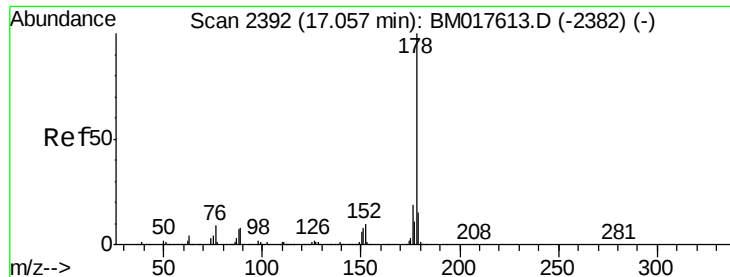


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

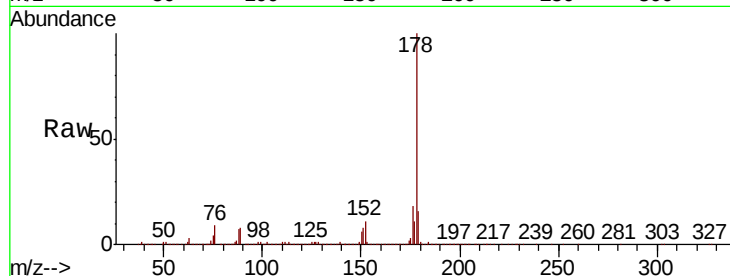




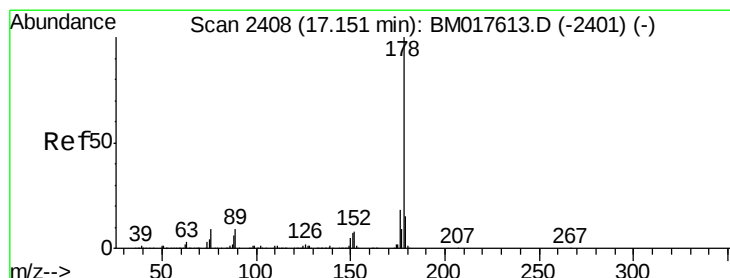
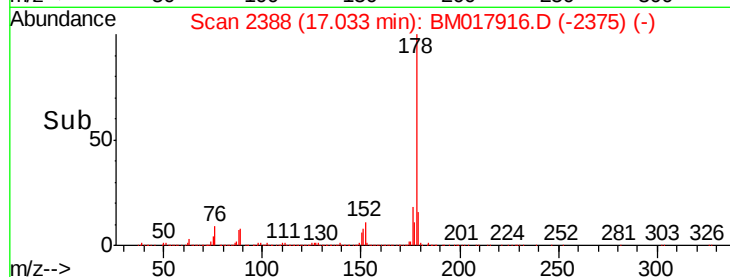
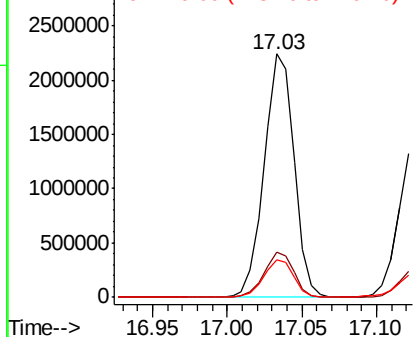
#71
Phenanthrene
Concen: 60.772 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tgt Ion:178 Resp: 3097662
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.6 12.4 18.6

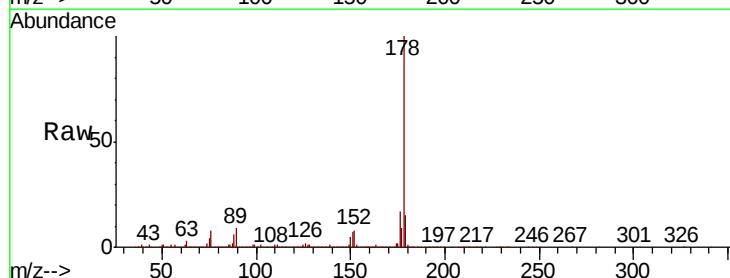


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

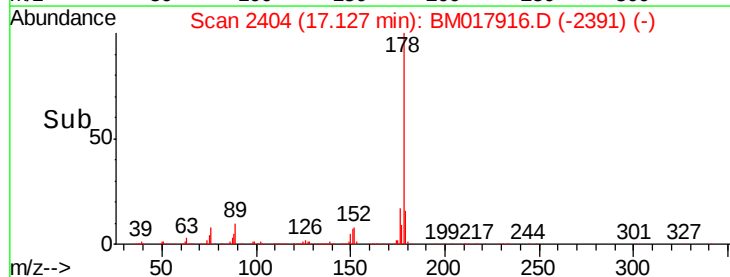
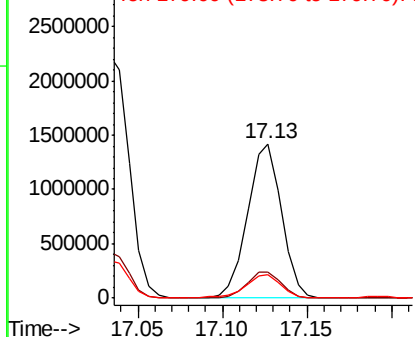


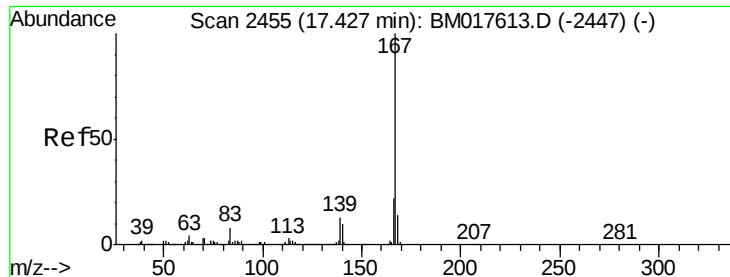
#72
Anthracene
Concen: 39.725 ng
RT: 17.13 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:178 Resp: 1970344
Ion Ratio Lower Upper
178 100
176 17.0 14.5 21.7
179 15.2 12.3 18.5



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

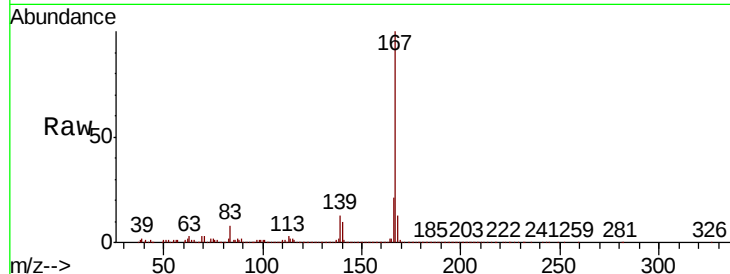




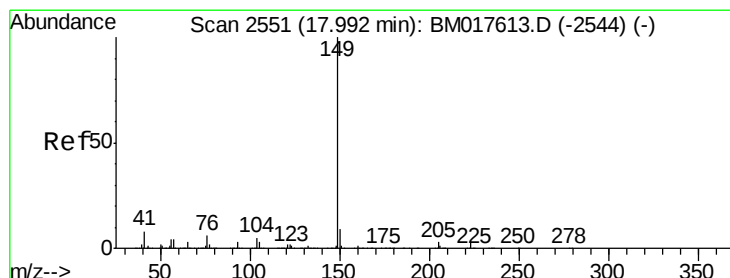
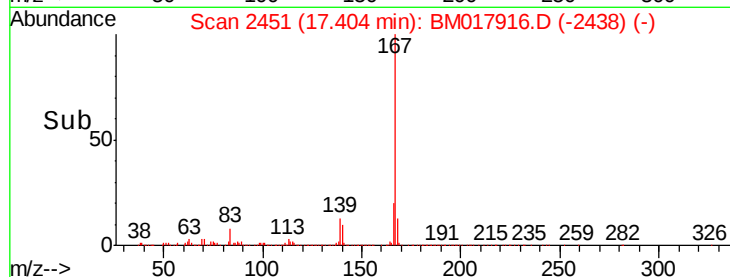
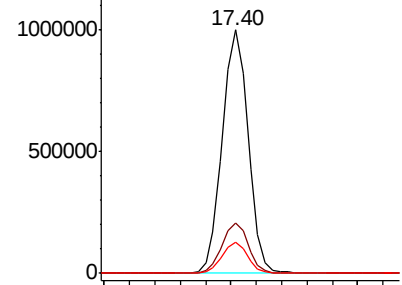
#73
 Carbazole
 Concen: 28.104 ng
 RT: 17.40 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Tgt Ion:167 Resp: 1408564
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.2 25.8
 139 12.7 10.2 15.4

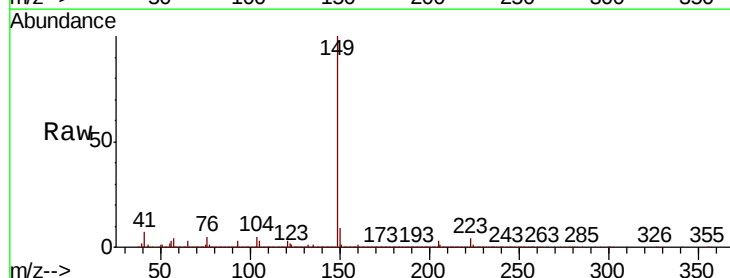


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

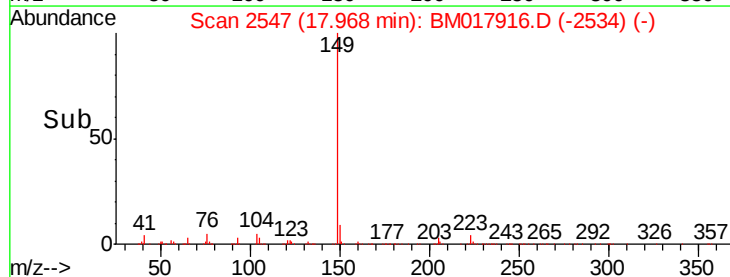
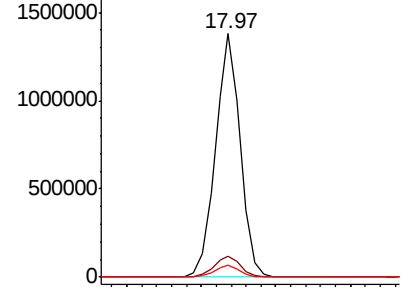


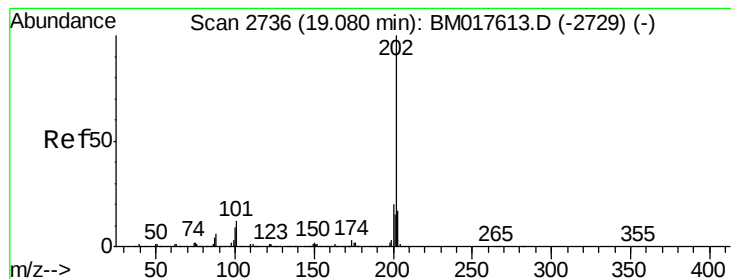
#74
 Di-n-butylphthalate
 Concen: 28.532 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion:149 Resp: 1591898
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.2
 104 4.8 4.3 6.5



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





#75

Fluoranthene

Concen: 52.130 ng

RT: 19.06 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

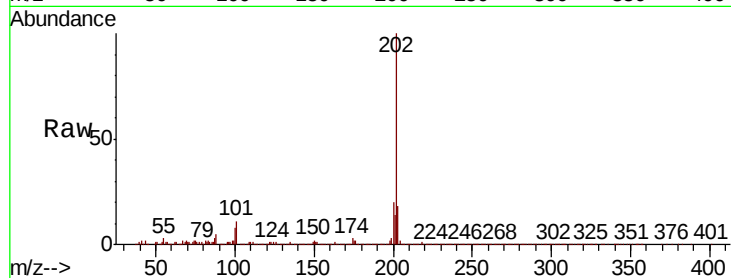
Tgt Ion:202 Resp: 3006464

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.5

203 17.6 0.0 37.2

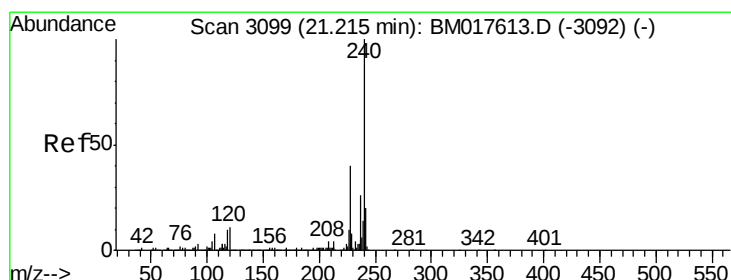
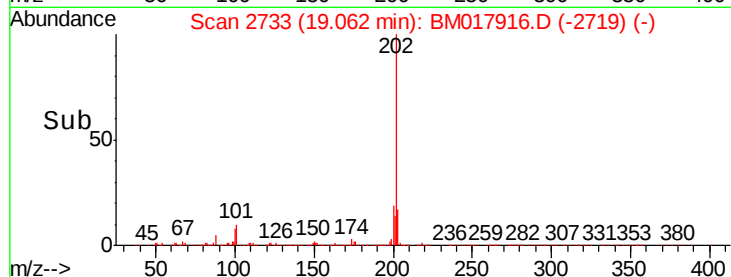
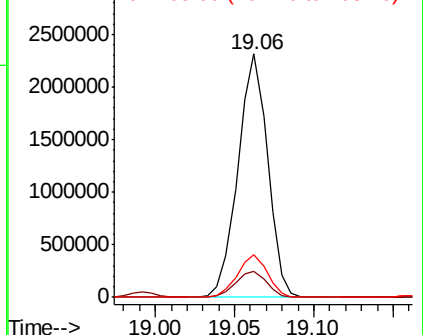


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

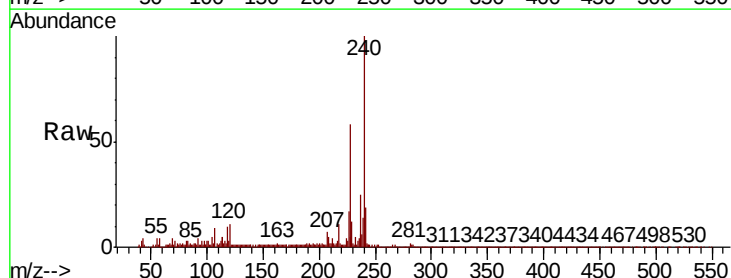
Tgt Ion:240 Resp: 890788

Ion Ratio Lower Upper

240 100

120 10.9 8.5 12.7

236 24.8 20.4 30.6

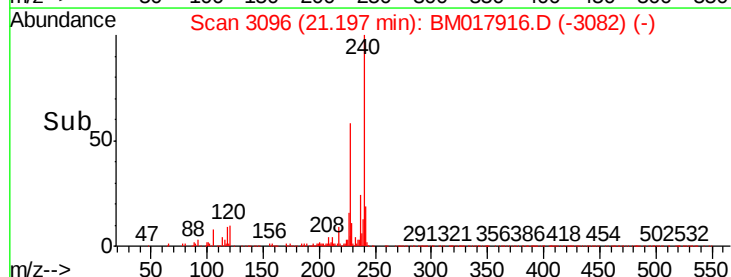
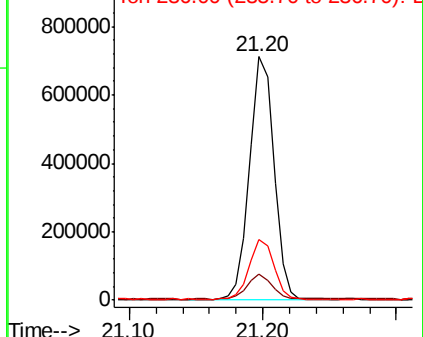


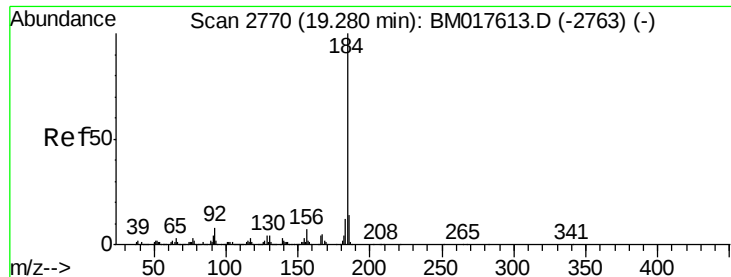
Abundance

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





#77

Benzidine

Concen: 31.184 ng

RT: 19.27 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

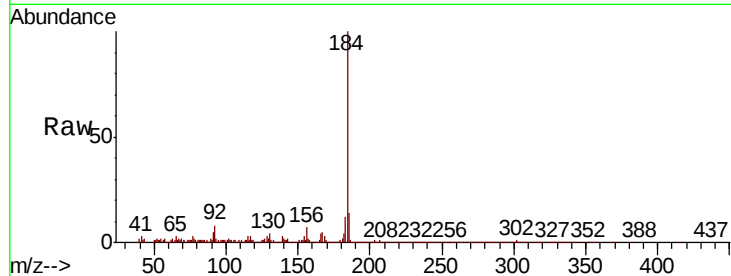
Tgt Ion:184 Resp: 904566

Ion Ratio Lower Upper

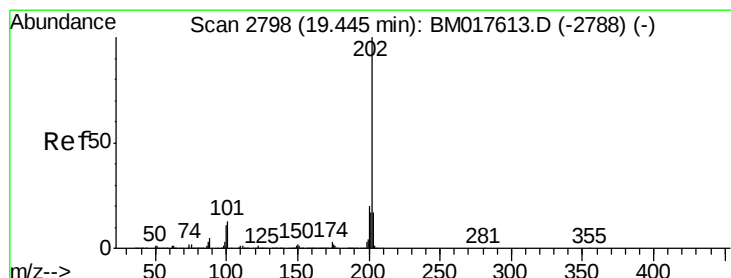
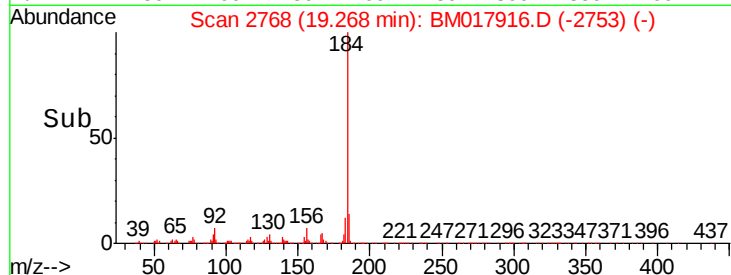
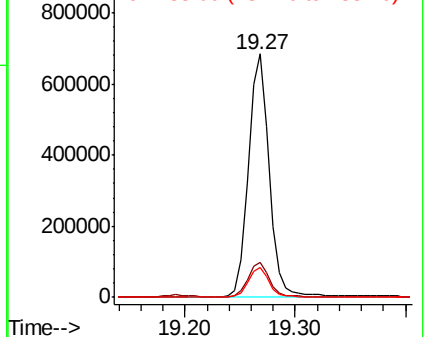
184 100

185 14.3 11.2 16.8

183 12.2 9.5 14.3



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



#78

Pyrene

Concen: 50.043 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

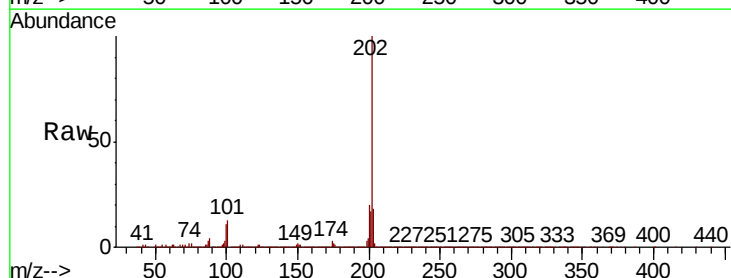
Tgt Ion:202 Resp: 2750487

Ion Ratio Lower Upper

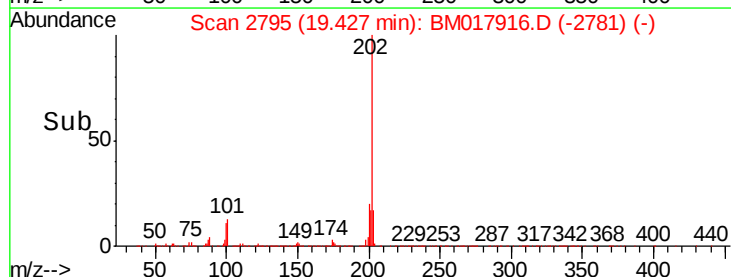
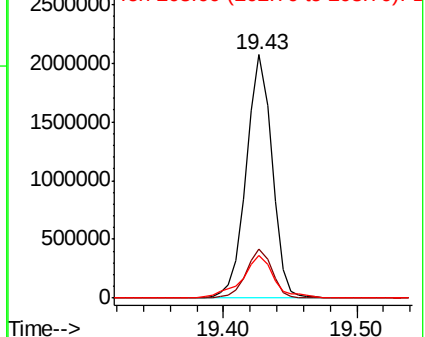
202 100

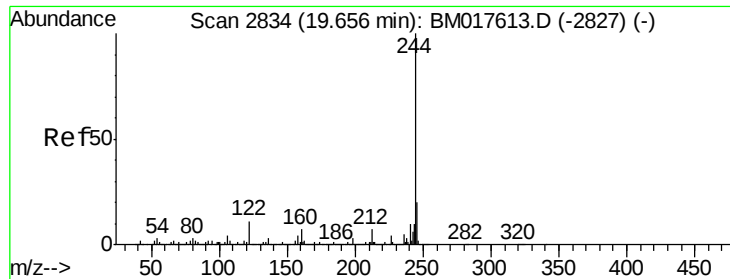
200 20.3 16.4 24.6

203 17.7 13.8 20.8



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





#79

Terphenyl-d14

Concen: 53.121 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

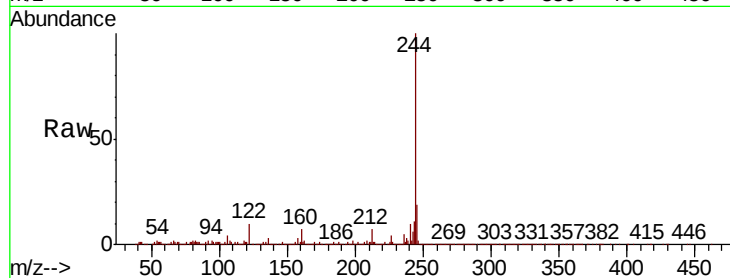
Tgt Ion:244 Resp: 2087850

Ion Ratio Lower Upper

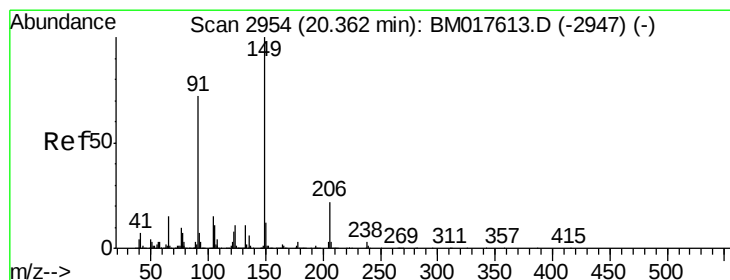
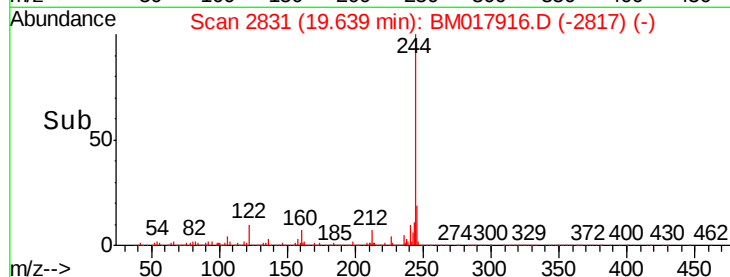
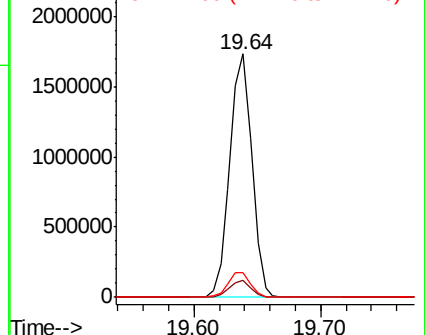
244 100

212 6.8 5.8 8.6

122 10.1 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.076 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

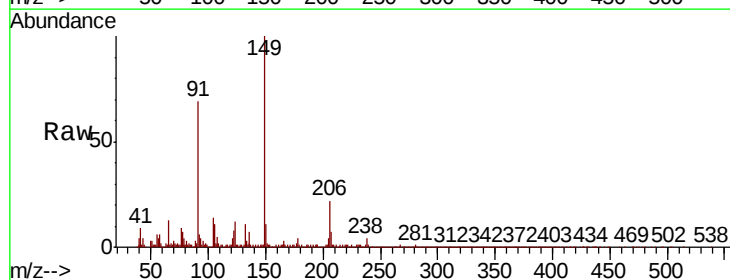
Tgt Ion:149 Resp: 649075

Ion Ratio Lower Upper

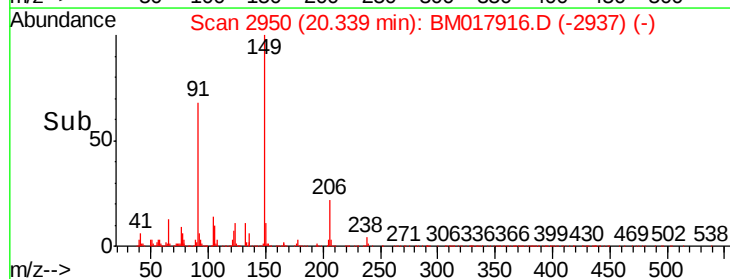
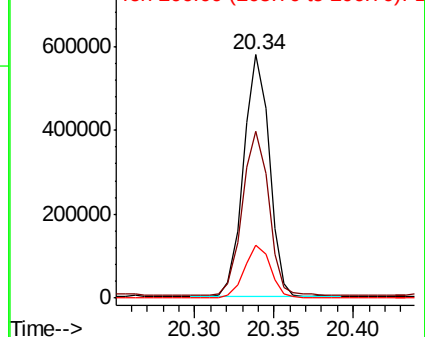
149 100

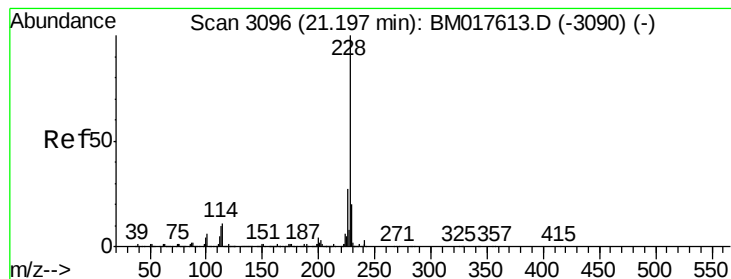
91 68.7 57.6 86.4

206 21.7 17.4 26.0



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





#81

Benzo(a)anthracene

Concen: 40.081 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

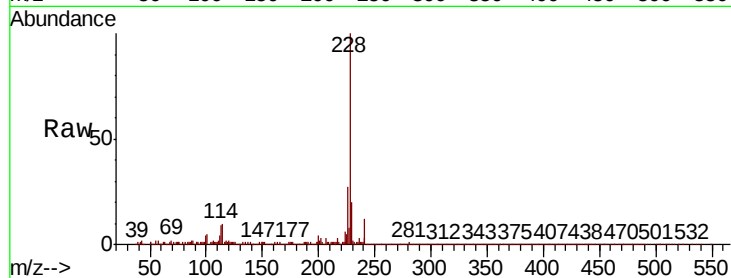
Tgt Ion:228 Resp: 2056948

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

229 20.4 16.0 24.0

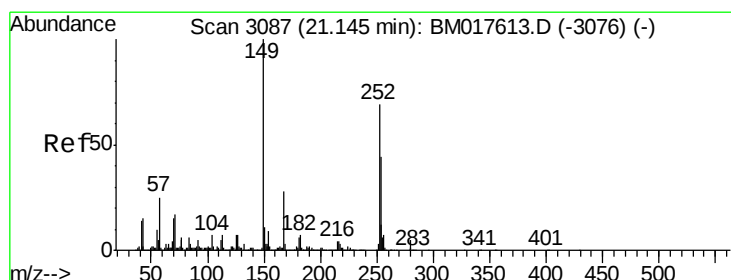
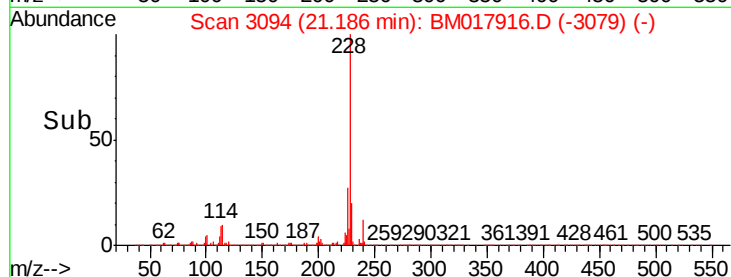
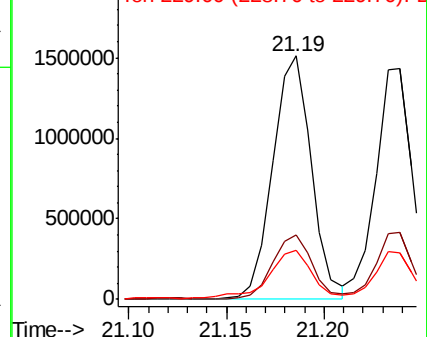


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.793 ng

RT: 21.12 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

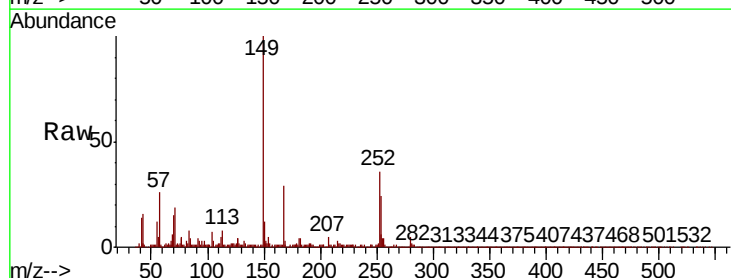
Tgt Ion:252 Resp: 372233

Ion Ratio Lower Upper

252 100

254 67.0 51.4 77.2

126 11.5 8.0 12.0

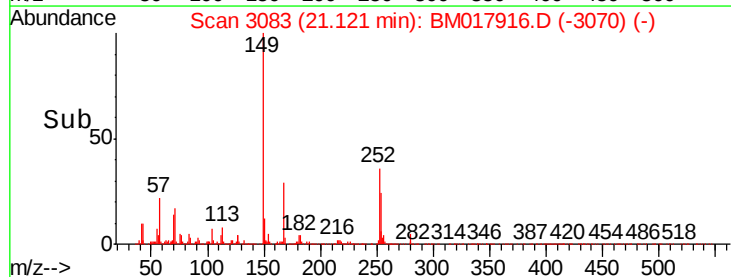
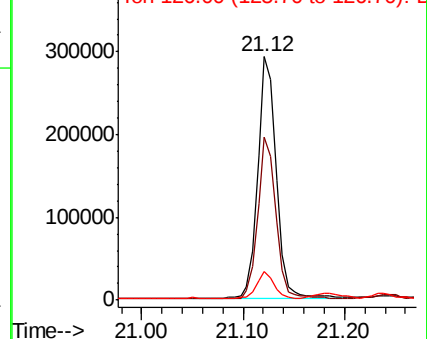


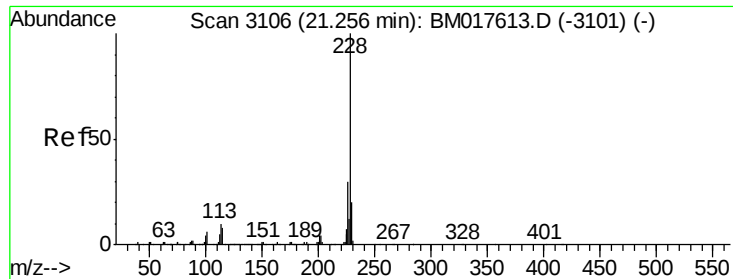
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.866 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

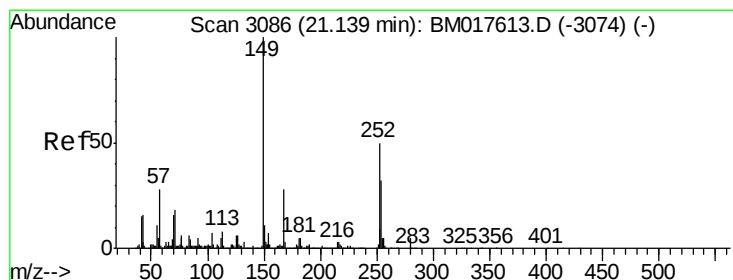
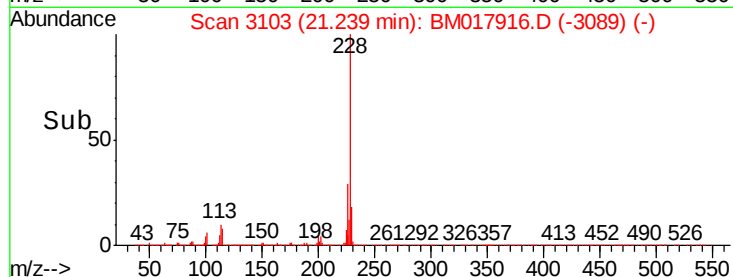
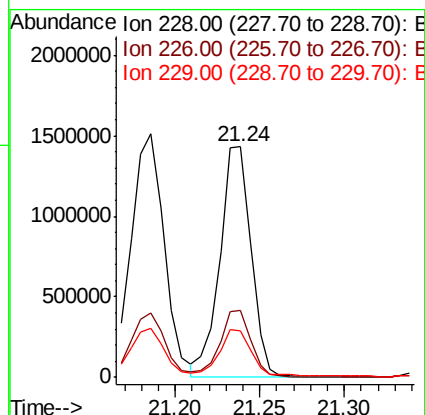
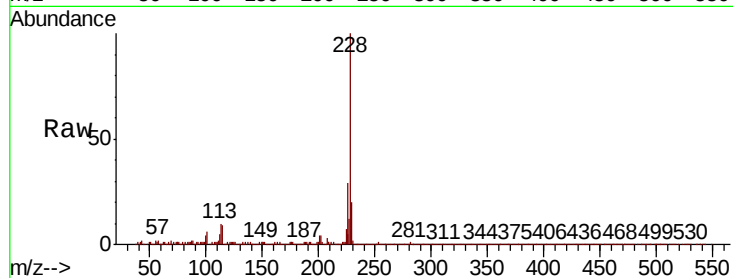
Tgt Ion:228 Resp: 1837593

Ion Ratio Lower Upper

228 100

226 28.8 23.6 35.4

229 20.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.373 ng

RT: 21.12 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

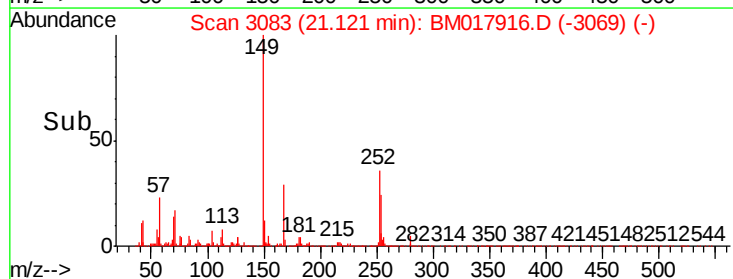
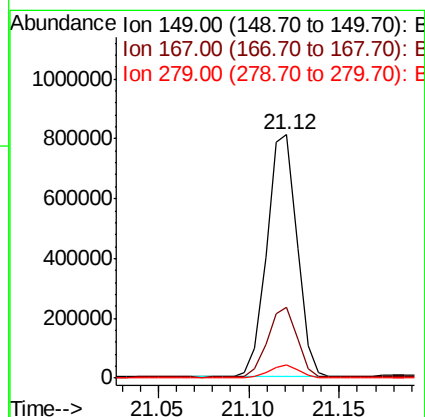
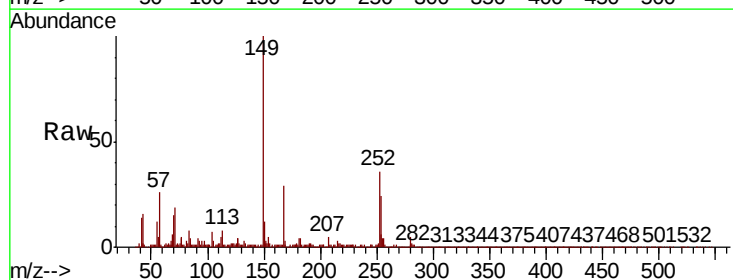
Tgt Ion:149 Resp: 936357

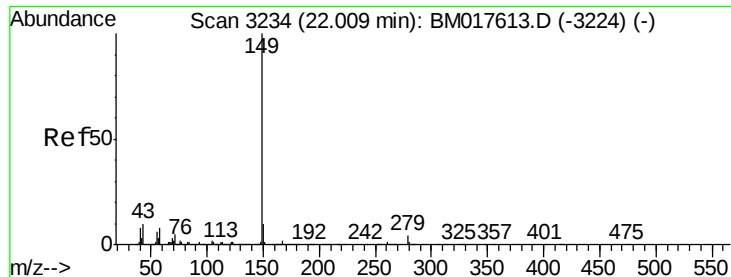
Ion Ratio Lower Upper

149 100

167 29.2 22.2 33.4

279 5.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 30.310 ng

RT: 21.99 min Scan# 3230

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

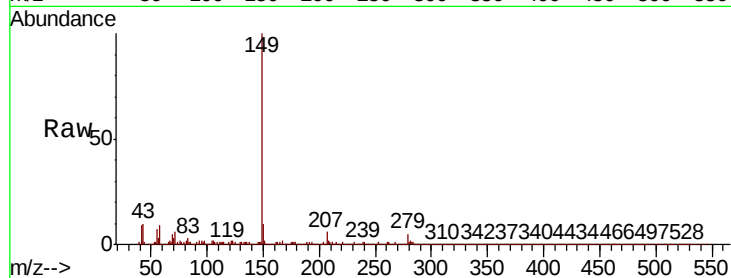
Tgt Ion:149 Resp: 1601678

Ion Ratio Lower Upper

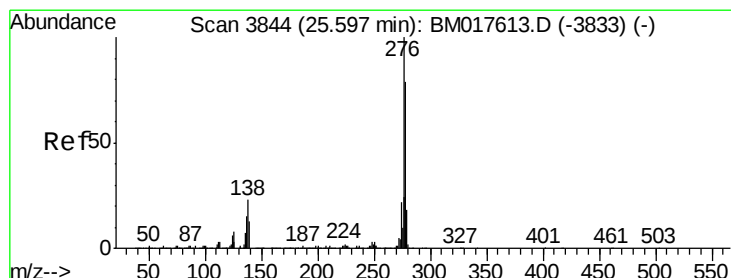
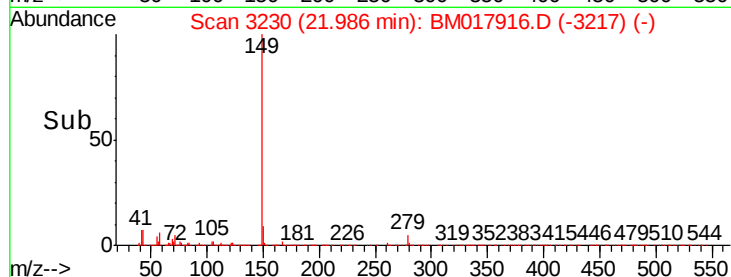
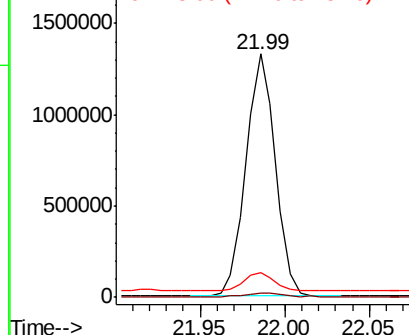
149 100

167 1.8 1.3 1.9

43 7.9 8.3 12.5#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.223 ng

RT: 25.57 min Scan# 3840

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

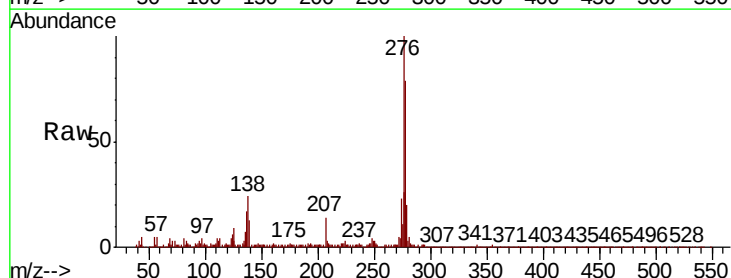
Tgt Ion:276 Resp: 1960642

Ion Ratio Lower Upper

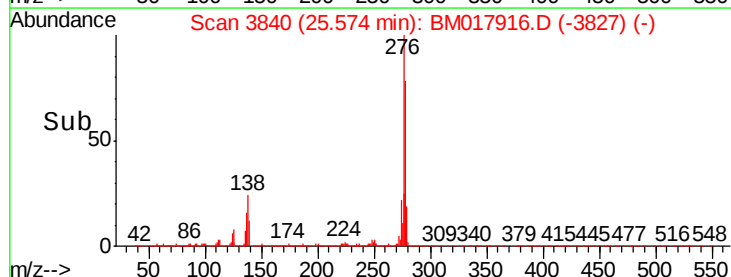
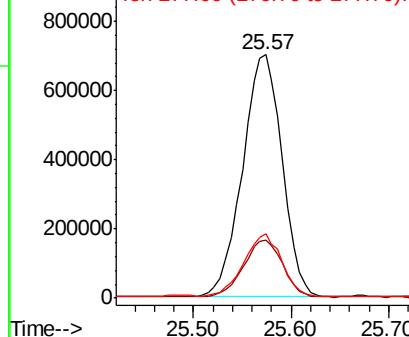
276 100

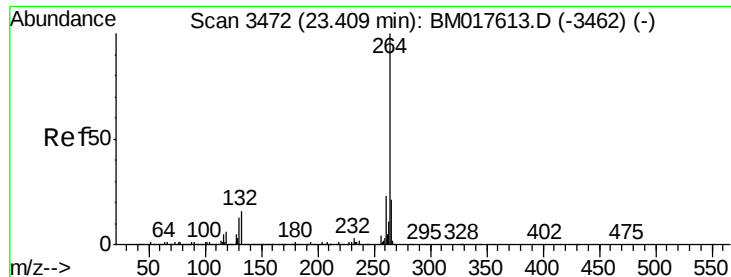
138 23.6 19.1 28.7

277 25.1 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





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

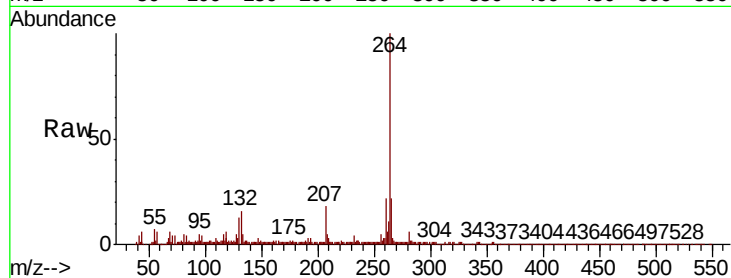
Tgt Ion:264 Resp: 967356

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

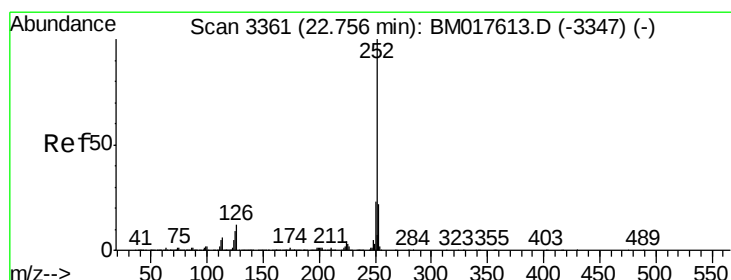
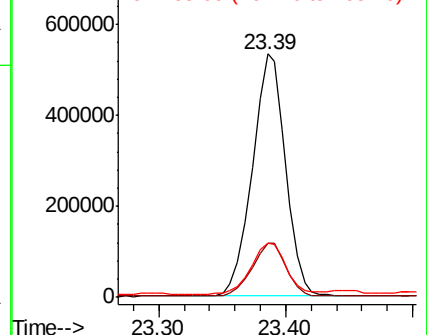
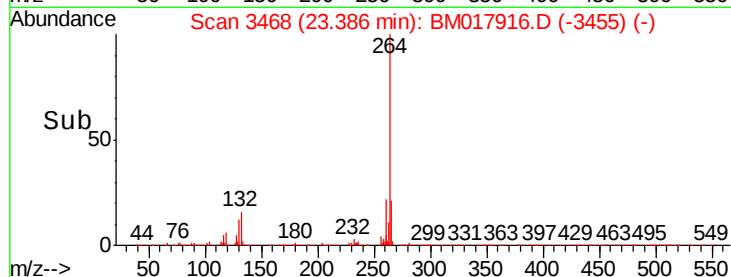
265 22.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.363 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

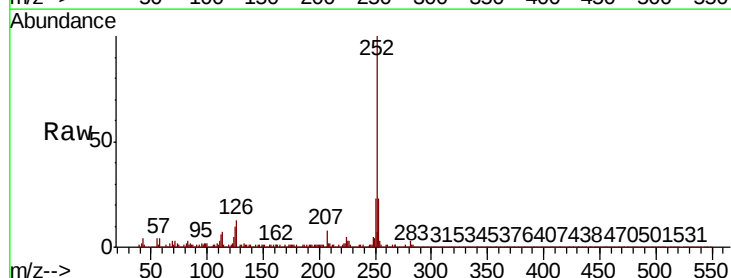
Tgt Ion:252 Resp: 2003364

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

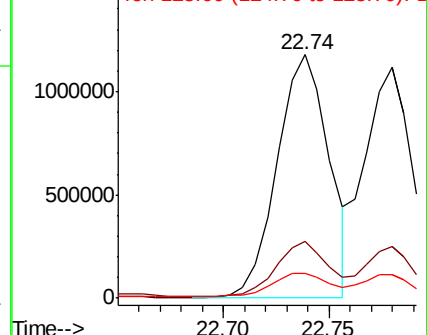
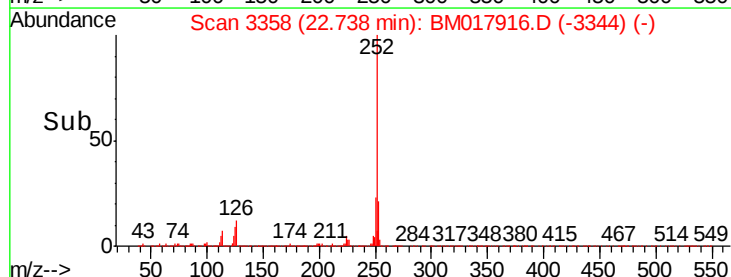
125 10.3 7.6 11.4

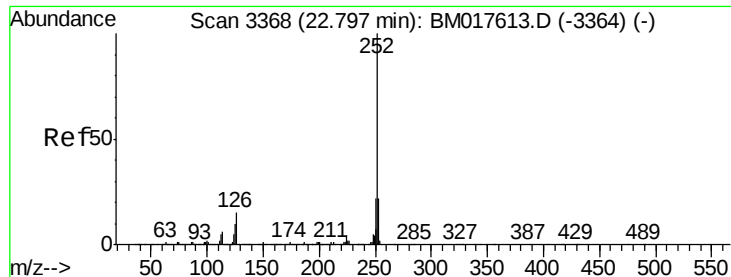


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 30.445 ng

RT: 22.78 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

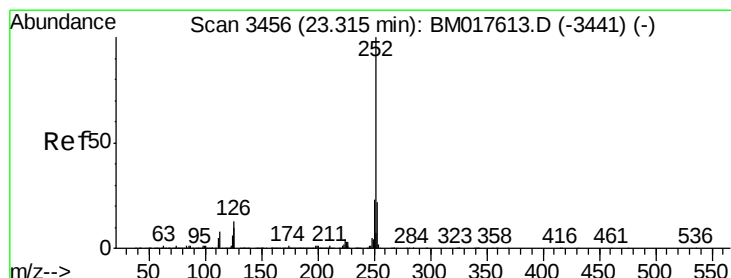
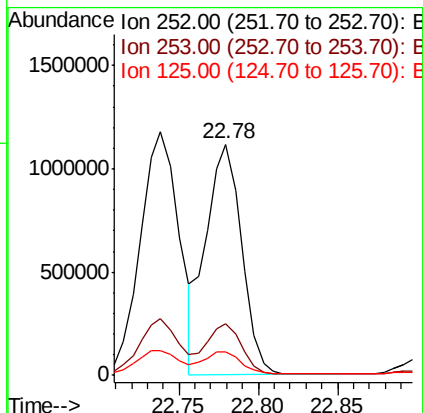
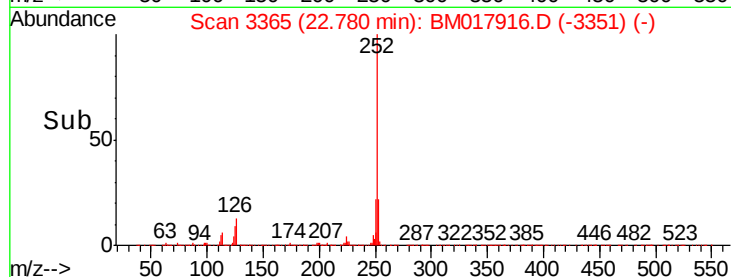
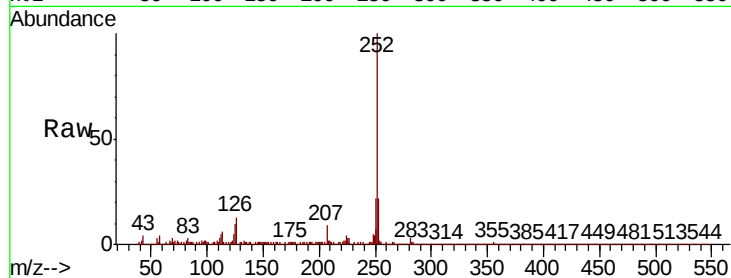
Tgt Ion:252 Resp: 1743251

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 36.781 ng

RT: 23.29 min Scan# 3452

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

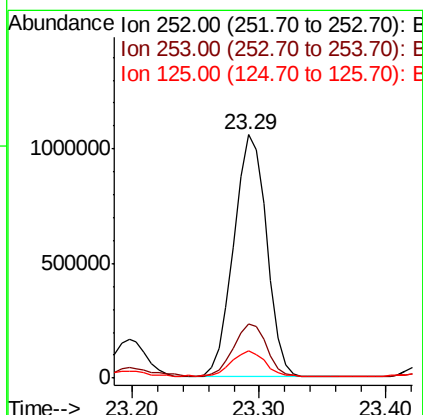
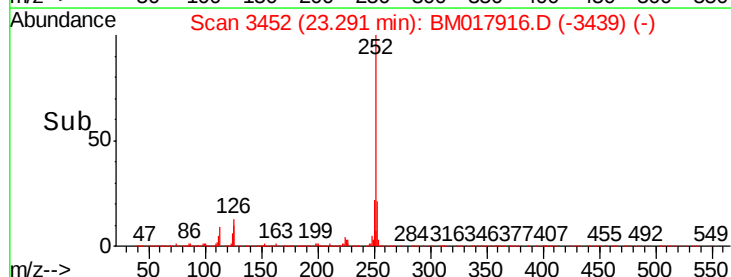
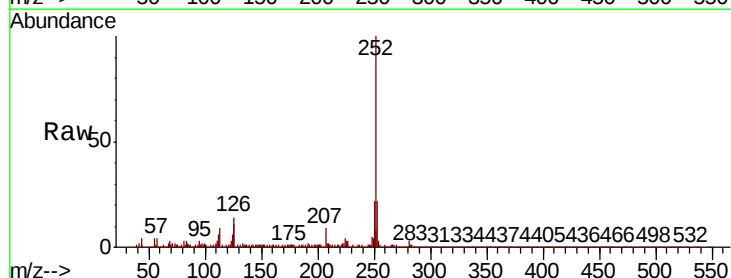
Tgt Ion:252 Resp: 1899908

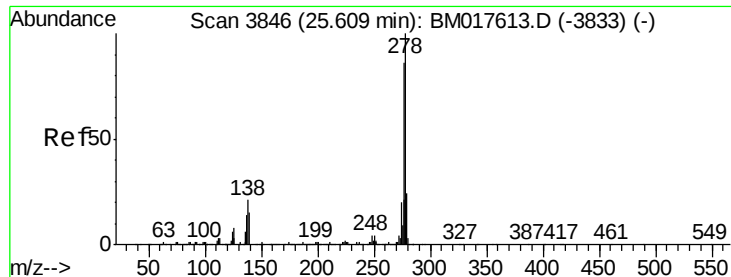
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 33.989 ng

RT: 25.58 min Scan# 3841

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

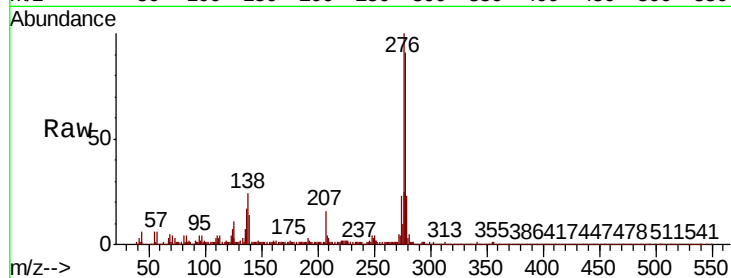
Tgt Ion:278 Resp: 1476014

Ion Ratio Lower Upper

278 100

139 15.8 11.8 17.6

279 24.9 19.0 28.6

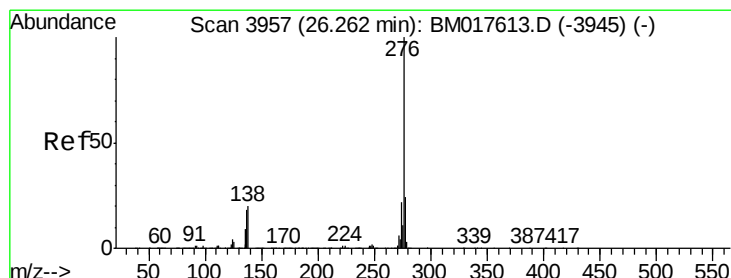
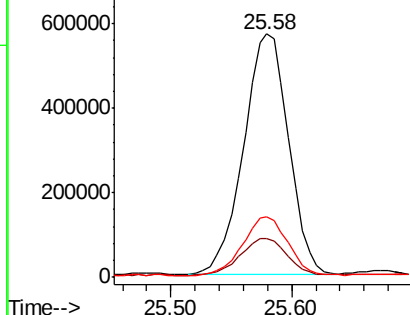
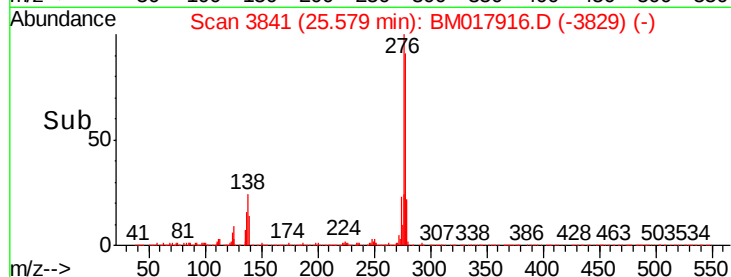


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.117 ng

RT: 26.24 min Scan# 3953

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

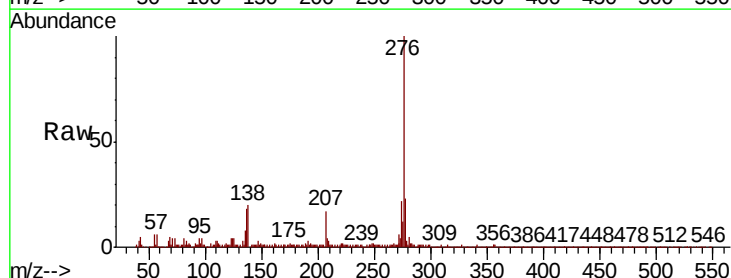
Tgt Ion:276 Resp: 1679091

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 20.5 15.9 23.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

